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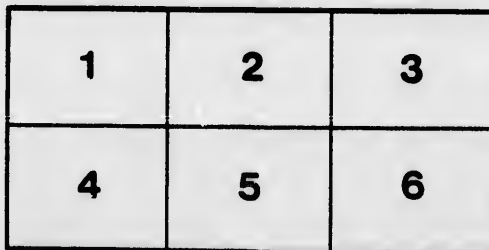
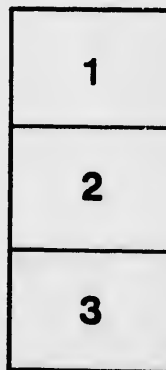
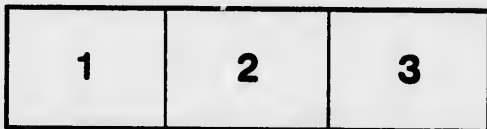
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WM. VALLANCE

W. A. WOOD  
GEO. VALLANCE

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ESTD

1849



No. 51 KING STREET EAST



Nos. 26, 28, 30, 32 HUGHSON STREET NORTH

40, 42, 44, 46, 48, 50, 52, 54, 56 KING WILLIAM STREET

## HARDWARE MERCHANTS

### HAMILTON, ONTARIO

T  
Metal

BERLI  
BRONZ  
GENEV  
ROYAL  
TOKIO  
TUSCAN

F

article

R70493

## BRONZE METAL FINISHES

The standard finish is the Natural Light Bronze, Highly Polished ; and where the words **Real Bronze** or **Bronze Metal** are applied to any Locks, etc., in this Catalogue, this finish will be supplied.

For description of other finishes see page 78.

## BRONZED IRON FINISHES

**BERLIN BRONZE**—Dark background, polished raised surface.

**BRONZE PLATED (No. 10 Finish), BRONZE PLATED (light color)**—Black background, polished raised surface.

**GENEVA BRONZE**—Bronze plated (light color), black background, polished raised surface.

**ROYAL BRONZE**—Dark finish, unpolished surface.

**TOKIO BRONZE**—Bronze plated (light color), black background, polished raised surface.

**TUSCAN BRONZE**—Dark finish, unpolished surface.

For description of other finishes see page 78.

For Tables of Weights, Measures, Etc., and Rules for ascertaining weights of different articles, see Index under letter T, and concluding pages of Catalogue.

Acme  
Acme

Adju

Adze

Air C  
V

Alaba  
Alarm

Alliga  
Alway  
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Anch  
Anch  
Angle

Angul  
Angul  
Anima

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Wringers, Cl

Wrought Bu

Ha

Ho

Iron



**W**

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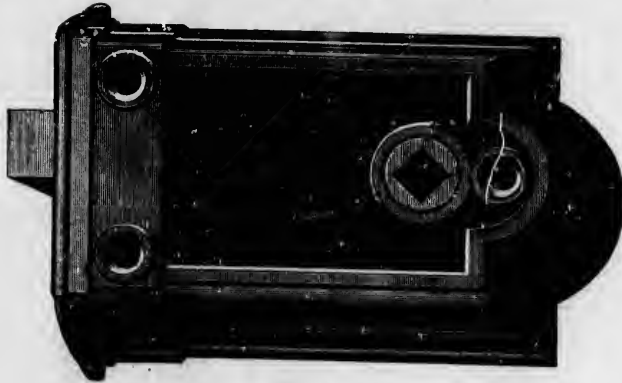
W  
Y  
Z

Stephoro' Gu  
No. R  
70 R  
71 R

Stephoro' Gu  
No. No.  
75 R10  
76 R11

NOTE. - Correspo  
only to ena

HORIZONTAL RIM KNOB LATCHES.

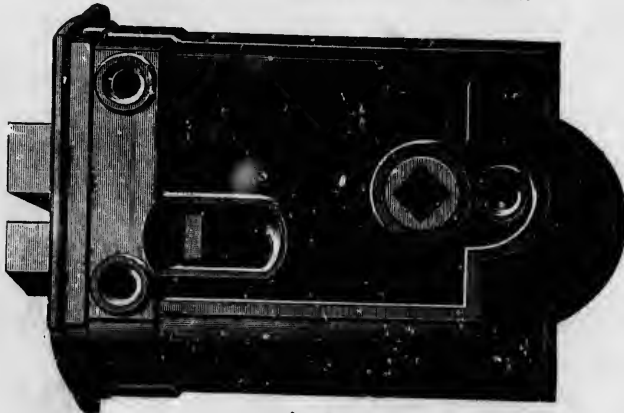


No. R1a.

Peterboro' No.	Gurney's No.	Size.		
70	R1a	4 x 2½	Iron Bolt.....	Per Dozen, \$1.90
71	R2a	4 x 2½	Brass Bolt.....	Per Dozen, 2.80

One-half dozen in a box.

Horizontal Rim Knob Latch with Slide Bolt.



No. R10a.

Peterboro' No.	Gurney's No.	Size.		
75	R10a	4 x 2½	Iron Bolts, flush thumbpiece.....	Per Dozen, \$2.50
76	R11a	4 x 2½	Brass Bolts, flush thumbpiece.....	Per Dozen, 3.80

One-half dozen in a box.

NOTE.—Corresponding numbers given of Peterboro' Locks, etc., are not fully represented by cuts shown, but are given only to enable comparison to be made of class of lock and price.

HORIZONTAL RIM NIGHT LATCH



No. R20a

Class No. 50

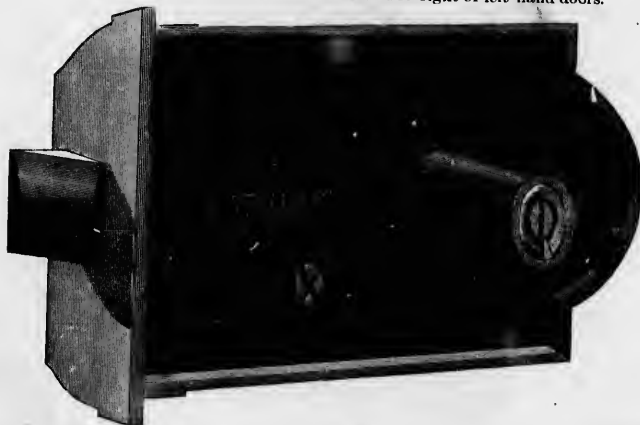
Reversible, with Stop. Right or left hand.

Peterboro' No.	Gurney's No.	Size.
80	R20a	2 1/2 x 2 1/2
82	R21a	2 1/2 x 2 1/2

Iron bolt, brass slide knob, 2 nickel-plated steel keys. . . . . Per Dozen, \$6.00  
 Brass bolt, brass slide knob, 2 nickel-plated steel keys. . . . . Per Dozen, 8.00

Horizontal Rim Tubular Night Latch

Ornamental Case. For right or left hand doors.



No. R30

Class No. 50

Peterboro' No.	Gurney's No.	Size.
80	R30	2 1/2 x 3 1/2
81	R31	2 1/2 x 3 1/2
	R32	2 1/2 x 3 1/2
	R33	2 1/2 x 3 1/2

Iron bolt, brass pull back and stop knob, 2 nickel-plated flat steel keys. Per Dozen, \$12.00  
 Brass bolt, brass pull back and stop knob, 2 nickel-plated flat steel keys. Per Dozen, 15.00

REVERSE BEVEL.

Iron bolt, brass pull back, stop knob, 2 nickel-plated flat steel keys. . Per Dozen, \$12.00  
 Brass bolt, brass pull back, stop knob, 2 nickel-plated flat steel keys. Per Dozen, 15.00

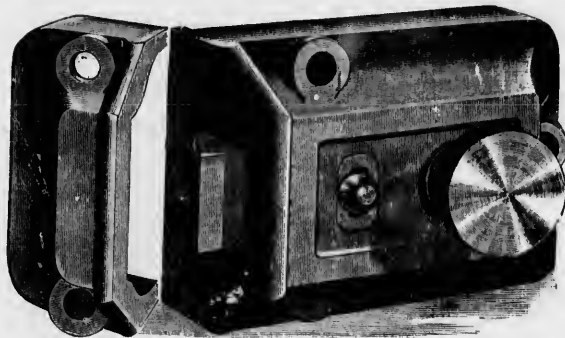
Packed one-half dozen in a box.

Adjustable

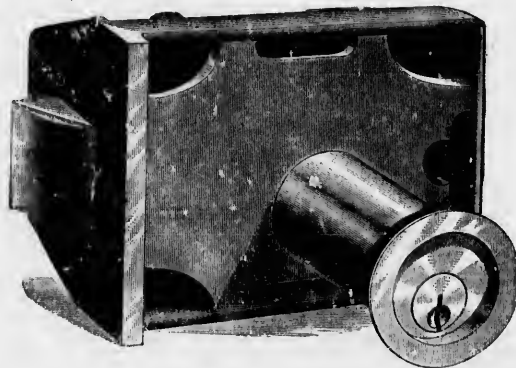
Numbers.  
 52  
 53  
 74

HORIZONTAL RIM NIGHT LATCHES

BROOKLYN LOCK CO.



Nos. 52 and 53. Cuts full size.



Adjustable to right and left hand doors. With Adjustable Escutcheon Sleeve, packed with Screws complete. In ordering duplicate keys send sample.

Numbers.	Bevel.	Size of Latch, inches.	Escutcheons.	Knobs.	Bolts.	Per doz.
52	Regular.	2½ x 3	Bronze.	Bronze Metal.	Iron.	11.25
53	Reverse.	"	"	" "	"	11.25
74	Regular.	2½ x 3¼	"	" "	Bronze	10.25

Quarter dozen in a box, with two keys for each lock.



Class No. 50

Per Dozen, \$6.00  
Per Dozen, 8.00

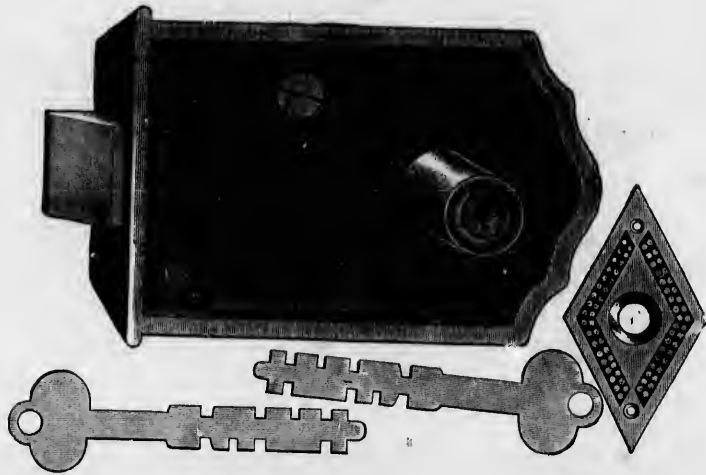


Class No. 40

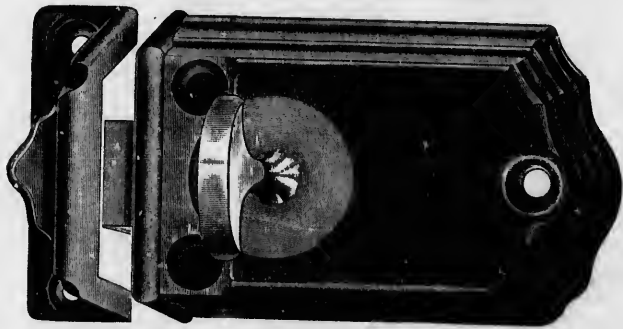
Per Dozen, \$12.00  
Per Dozen, 15.00

Per Dozen, \$12.00  
Per Dozen, 15.00

RIM NIGHT LATCHES



FRONT.



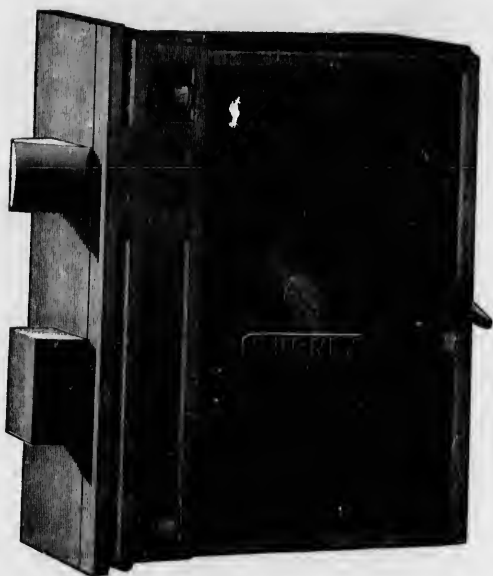
BACK.

Full size Cuts.

Warboro' No.	Gurney No.
1215	R 3
1216	R 3
	R 3
	R 3
	R 3
1220	R 4
1221	R 4
1222	R 4
1222;	R 4
	R 4

No. 156—For right or left hand doors. Highly polished iron bolt, lacquered, brass nickel-plated pull back knob, 2 flat spring steel keys, ornamental, highly polished and lacquered bronze escutcheon..... Per Dozen, \$8.00  
 Packed one in a box, complete with screws.

UPRIGHT RIM KNOB LOCKS



Class No. 10.

No. R40a—4½ x 3¼

To reverse, remove the Cover and turn Latch Bolt.

REVERSIBLE—WITHOUT STOP.

Waterboro' No.	Gurney's No.	Size.		
1215	R 36	4½ x 3¼	Iron bolts, coppered key .....	Per dozen \$2.40
1216	R 36a	4½ x 3¼	Iron bolts, tinned key .....	Per dozen 2.40
	R 37	4½ x 3¼	Iron bolts, tinned malleable key .....	Per dozen 2.90
	R 38	4½ x 3¼	Iron bolts, nickel-plated key .....	Per dozen 3.70
	R 39	4½ x 3¼	Brass bolts, nickel-plated key .....	Per dozen 4.60

REVERSIBLE—WITH STOP.

1220	R 40a	4½ x 3¼	Iron bolts, coppered key .....	Per dozen \$2.50
1221	R 41a	4½ x 3¼	Iron bolts, tinned key .....	Per dozen 2.50
1222	R 42	4½ x 3¼	Iron bolts, tinned malleable key .....	Per dozen 3.00
1222½	R 43	4½ x 3¼	Iron bolts, nickel-plated key .....	Per dozen 3.50
	R 44	4½ x 3¼	Brass bolts, nickel-plated key .....	Per dozen 4.70

Packed without knobs. One-half dozen in a box.

1 back knob, 2 flat  
Per Dozen, \$3.00

UPRIGHT RIM KNOB LOCKS



Key for No. 880  
Class No. 70

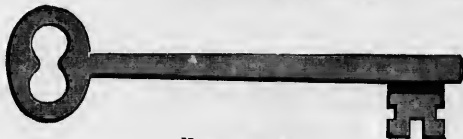


No. R1000



Key for No. 880  
Class No. 30

Reversible, with Stop. To reverse, remove the Cover and turn Latch Bolt.



Key for No. 60  
Class No. 20

Peterboro' No.	Gurney's No.	Size.		
1425	R60	4 x 3 1/4	Iron bolts, flat steel key.....	Per dozen 83.10
1426	R60 1/2	4 x 3 1/4	Iron bolts, flat steel nickel-plated key.....	Per dozen 3.00
1427	R61	4 x 3 1/4	Brass bolts, flat steel nickel-plated key.....	Per dozen 4.50
1225	R660 1/2	4 x 3 1/4	Iron bolts, tinned malleable key.....	Per dozen 3.50
1226	R660	4 x 3 1/4	Iron bolts, nickel-plated steel key.....	Per dozen 4.50
1227	R661	4 x 3 1/4	Brass bolts, nickel-plated steel key.....	Per dozen 5.50

No. R880 to R881

Reversible by simply pulling Latch Bolt forward and turning half around.

1230	R880 1/2	4 x 3 1/4	Iron bolts, tinned malleable key, 1 tumbler, 24 changes.....	Per dozen 1.40
1231	R880	4 x 3 1/4	Iron bolts, nickel-plated steel key, 1 tumbler, 24 changes.....	Per dozen 5.50
1232	R881	4 x 3 1/4	Brass bolts, nickel-plated steel key, 1 tumbler, 24 changes.....	Per dozen 6.50

Packed without knobs. One-half dozen in a box.

Peterboro' No.	Gur N
1240	R11
1241	R11
1242	R11

1250	R11
1251	R11
1252	R11



IMPROVED UPRIGHT RIM KNOB LOCKS



Key for No. 600  
Class No. 30



Key for No. 1100  
Class No. 70



No. R1100



Key for No. 1120  
Class No. 80

Reversible by simply pulling Latch Bolt forward and turning half around.

Peterboro' No.	Gurney's No.	Size.
1240	R1100	4½ x 3½
1241	R1100	4½ x 3½
1242	R1101	4½ x 3½

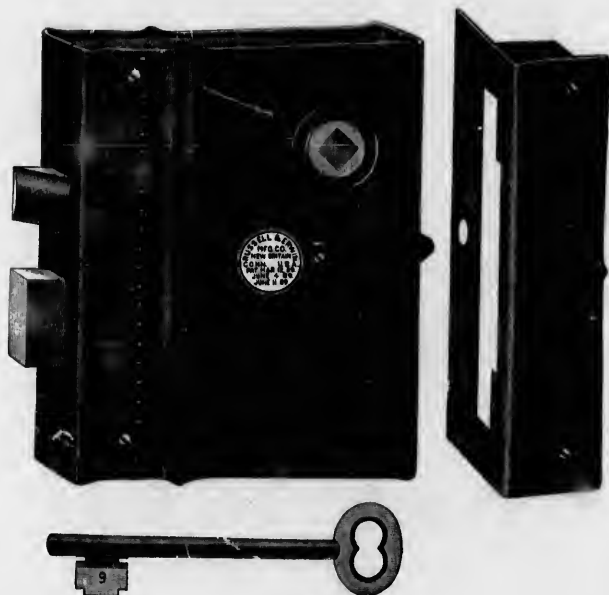
Per dozen	\$3.00	Iron bolts, malleable key, 1 tumbler, 24 changes	Per dozen	\$5.20
Per dozen	3.00	Iron bolts, nickel-plated key, 1 tumbler, 24 changes	Per dozen	6.50
Per dozen	1.50	Brass bolts, nickel-plated key, 1 tumbler, 24 changes	Per dozen	8.00
Per dozen	3.50	Packed without knobs. One-half dozen in a box.		
Per dozen	4.50			
Per dozen	5.50			

No. R1120 to R1121

Reversible by removing Cover and turning Latch Bolt.

Per dozen	4.40	1250	R1120	5 x 3½	Iron bolts, tinned malleable key, 1 tumbler, 24 changes	Per dozen	9.00
Per dozen	5.50	1251	R1120	5 x 3½	Iron bolts, nickel-plated steel key, 1 tumbler, 24 changes	Per dozen	10.00
Per dozen	6.50	1252	R1121	5 x 3½	Brass bolts, nickel-plated steel key, 1 tumbler, 24 changes	Per dozen	11.50
					Packed without knobs. One-quarter dozen in a box.		

WROUGHT STEEL  
UPRIGHT RIM KNOB LOCKS



No. 3820

IVORY BLACK FINISH.

Janus Face, reversible Latch Bolt, with Stop, without Knobs.

Packed complete, with Screws and Escutcheons.

4 x 3 1/8 inch.

No. 3800—2 iron bolts, nickel plated key, 4 changes .....	Per Dozen	\$3 00
No. 3802—2 iron bolts, nickel-plated patent steel key, 4 changes.....	Per Dozen	3 25

4 1/4 x 3 1/8 inch.

No. 3820—2 iron bolts, nickel-plated key, 12 changes .....	Per Dozen	\$4 25
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Reversible by removing cover and turning latch bolt.

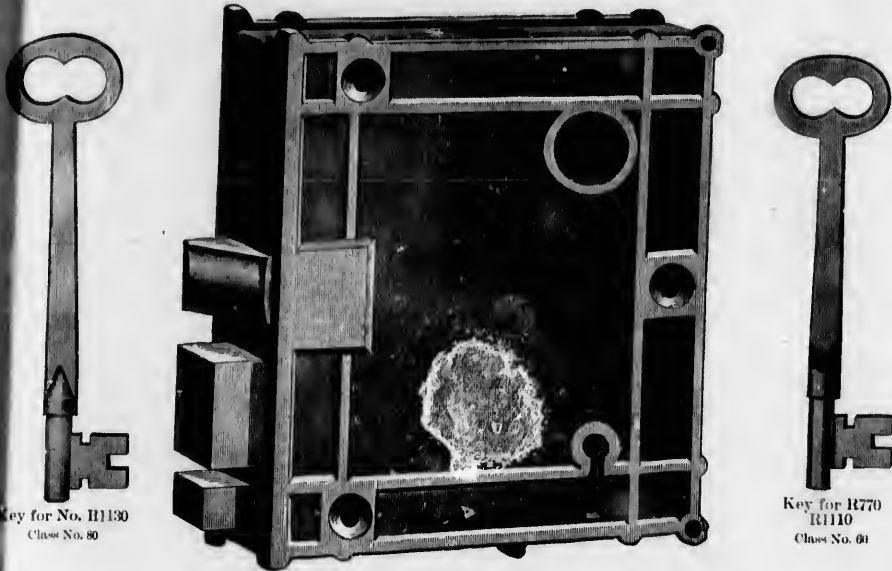
Half dozen in a box.



Key for No. 1  
Class No. 8

eterboro No.	Gu
1235	R7
1236	R7
1237	R7
	R7
	R7
1245	R1
1246	R1
1247	R1
1248	R1
1249	R1
1260	R1
1261	R1
1262	R1
1263	R1
1264	R1

UPRIGHT RIM KNOB LOCK



No. R770

Reversible by removing Cover and turning Latch Bolt.

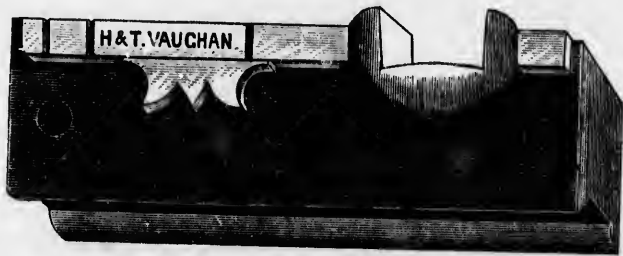
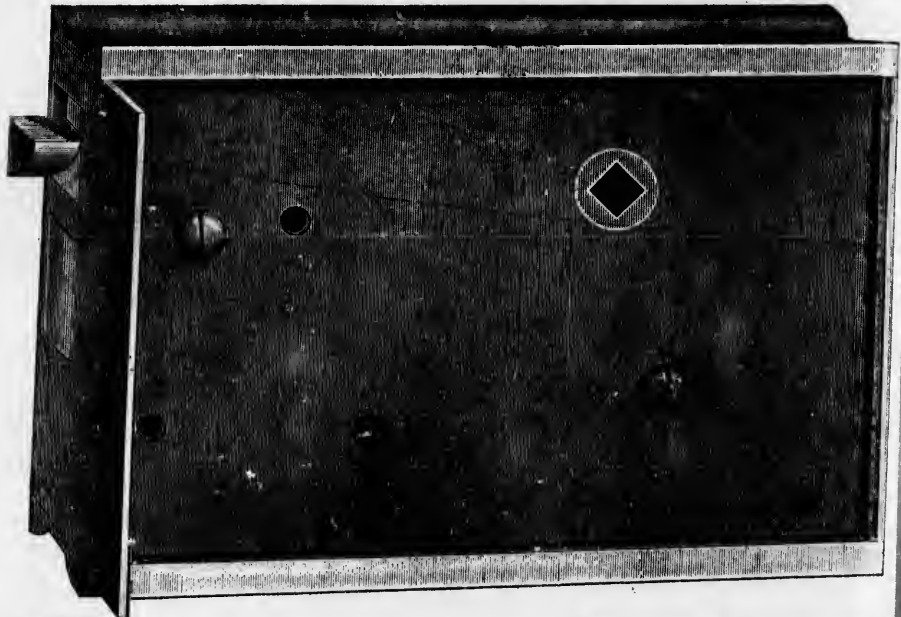
Peterboro No.	Gurney's No.	Size.	Description	Price
1235	R770	4 x 3½	3 Iron bolts, tinned malleable key, 1 tumbler, 24 changes	Per dozen \$ 5.50
1236	R771	4 x 3½	3 Iron bolts, nickel-plated steel key, 1 tumbler, 24 changes	Per dozen 6.50
1237	R772	4 x 3½	3 Brass bolts, nickel-plated steel key, 1 tumbler, 24 changes	Per dozen 8.50
	R773	4 x 3½	3 Iron bolts, nickel-plated steel key, 3 tumblers, 72 changes	Per dozen 8.50
	R774	4 x 3½	3 Brass bolts, nickel-plated steel key, 3 tumblers, 72 changes	Per dozen 10.50
1245	R1110	4½ x 3½	3 Iron bolts, tinned malleable key, 1 tumbler, 24 changes	Per dozen 6.50
1246	R1111	4½ x 3½	3 Iron bolts, nickel-plated steel key, 1 tumbler, 24 changes	Per dozen 7.50
1247	R1112	4½ x 3½	3 Brass bolts, nickel-plated steel key, 1 tumbler, 24 changes	Per dozen 9.00
1248	R1113	4½ x 3½	3 Iron bolts, nickel-plated steel key, 3 tumblers, 72 changes	Per dozen 11.50
1249	R1114	4½ x 3½	3 Brass bolts, nickel-plated steel key, 3 tumblers, 72 changes	Per dozen 13.00
Packed without knobs. Half dozen in a box.				
1260	R1130½	5 x 3¾	3 Iron bolts, tinned malleable key, 1 tumbler, 24 changes	Per dozen 10.00
1261	R1130	5 x 3¾	3 Iron bolts, nickel-plated steel key, 1 tumbler, 24 changes	Per dozen 11.50
1262	R1131	5 x 3¾	3 Brass bolts, nickel-plated steel key, 1 tumbler, 24 changes	Per dozen 13.50
1263	R1134	5 x 3¾	3 Iron bolts, nickel-plated steel key, 3 tumblers, 72 changes	Per dozen 15.00
1264	R1135	5 x 3¾	3 Brass bolts, nickel-plated steel key, 3 tumblers, 72 changes	Per dozen 17.00
Packed without knobs. One-quarter dozen in a box.				

Per Dozen \$3.00  
Per Dozen 3.25

Per Dozen \$4.25

HORIZONTAL RIM KNOB LOCKS

WROUGHT IRON, CARPENTER'S PATTERN



No. 60a. Polished Iron Bolts, Wrought Key.

No. 60a—5 x 4 inch, 2 iron bolts .....	Per dozen	\$81 75
No. 60a—6 x 4 1/4 inch, 2 iron bolts .....	Per dozen	7 00
No. 60a—7 x 4 1/4 inch, 2 iron bolts .....	Per dozen	9 50
No. 60a—8 x 4 1/4 inch, 2 iron bolts .....	Per dozen	18 75

When ordering please say whether for right or left hand doors.

No. 14405. Reversible, Polished Iron Bolts.

No. 14405—6 x 4 inch, slide latch bolt .....	Per dozen	\$81 25
--	-----------	---------

Half dozen in a package.



Key for R20  
Class No. 20

Peterboro' No.	Gun No.
	R2
	R2
120	R2
121	R2
122	R2
130	R2
131	R2
132	R2
	R2
140	R2
141	R2
142	R2
144	R2

IMPROVED HORIZONTAL RIM DEAD LOCKS



Key for R200  
Class No. 20



No. R2220



Key for R2200  
R2220  
Class No. 70

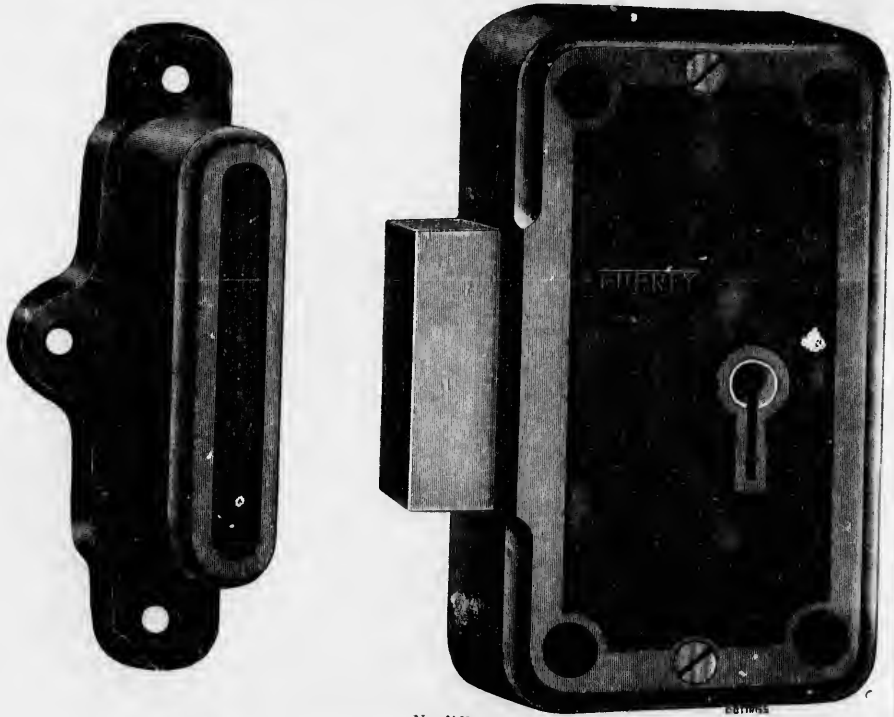
FOR RIGHT OR LEFT HAND DOORS.

Peterboro' No.	Gurney's No.	Size.		
	R200	3½ x 2¾	Iron bolt, flat steel key, 1 tumbler, 24 changes	Per dozen \$2.50
	R201	3½ x 2¾	Brass bolt, flat steel key, 1 tumbler, 24 changes	Per dozen 3.50
120	R2200	3½ x 2¾	Iron bolt, tinned malleable key, 1 tumbler, 24 changes	Per dozen 2.00
121	R2200	3½ x 2¾	Iron bolt, nickel-plated steel key, 1 tumbler, 24 changes	Per dozen 2.80
122	R2201	3½ x 2¾	Brass bolt, nickel-plated steel key, 1 tumbler, 24 changes	Per dozen 3.50
130	R2220	4 x 2¾	Iron bolt, tinned malleable key, 1 tumbler, 24 changes	Per dozen 3.00
131	R2220	4 x 2¾	Iron bolt, nickel-plated steel key, 1 tumbler, 24 changes	Per dozen 3.80
132	R2222	4 x 2¾	Brass bolt, nickel-plated steel key, 1 tumbler, 24 changes	Per dozen 4.80
	R2223	4 x 2¾	Brass bolt, nickel-plated steel key, 2 tumblers, 45 changes	Per dozen 7.50
140	R2230	5 x 3¾	Iron bolt, tinned malleable key, 1 steel tumbler, 24 changes	Per dozen 4.00
141	R2230	5 x 3¾	Iron bolt, nickel-plated steel key, 1 steel tumbler, 24 changes	Per dozen 4.80
142	R2231	5 x 3¾	Brass bolt, nickel-plated steel key, 1 steel tumbler, 24 changes	Per dozen 6.00
144	R2232	5 x 3¾	Brass bolt, nickel-plated steel key, 3 steel tumblers, 72 changes	Per dozen 9.00

Packed one-half dozen in a box, with screws.

Per dozen \$6.75  
Per dozen 7.00  
Per dozen 9.50  
Per dozen 18.50  
ors.  
Per dozen \$9.50

RIGHT OR LEFT HAND UPRIGHT RIM STORE DOOR DEAD LOCKS



No. R450



Peterboro' No.	Gurney's No.	Size.	Class No. 100		
441	R440	4 x 2½	Iron bolt, 2 folding nickel-plated steel keys, 1 tumbler	Per dozen	811 00
442	R441	4 x 2½	Brass bolt, 2 folding nickel-plated steel keys, 1 tumbler	Per dozen	18 50
443	R442	4 x 2½	Iron bolt, 2 folding nickel-plated steel keys, 3 tumblers	Per dozen	24 00
444	R443	4 x 2½	Brass bolt, 2 folding nickel-plated steel keys, 3 tumblers	Per dozen	11 50
451	R450	5 x 3	Iron bolt, 2 folding nickel-plated steel keys, 1 tumbler	Per dozen	26 00
452	R451	5 x 3	Brass bolt, 2 folding nickel-plated steel keys, 1 tumbler	Per dozen	11 50
453	R452	5 x 3	Iron bolt, 2 folding nickel-plated steel keys, 3 tumblers	Per dozen	19 00
454	R453	5 x 3	Brass bolt, 2 folding nickel-plated steel keys, 3 tumblers	Per dozen	25 00
401	R460	6 x 3½	Iron bolt, 2 folding nickel-plated steel keys, 1 tumbler	Per dozen	27 00
462	R461	6 x 3½	Brass bolt, 2 folding nickel-plated steel keys, 1 tumbler	Per dozen	16 50
463	R462	6 x 3½	Iron bolt, 2 folding nickel-plated steel keys, 3 tumblers	Per dozen	24 50
464	R463	6 x 3½	Brass bolt, 2 folding nickel-plated steel keys, 3 tumblers	Per dozen	27 00
			Packed with japanned escutcheons, one in a box	Per dozen	20 00

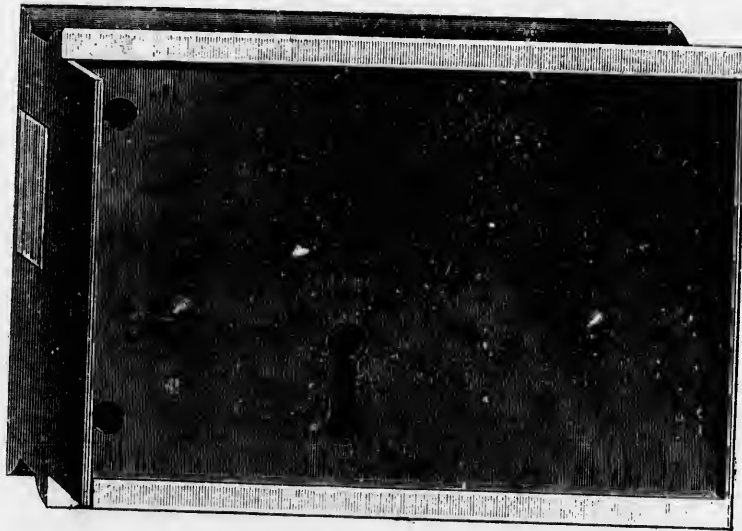
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No. 479E-6 x  
No. 479E-7 x  
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LOCKS



HORIZONTAL RIM DEAD LOCKS

WROUGHT IRON



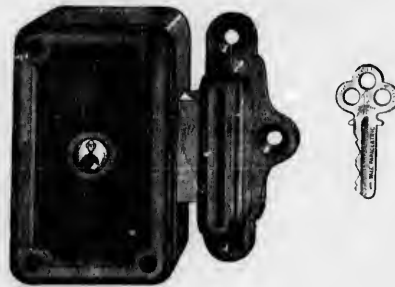
Cut does not show circular brass bushing around keyhole.

Per dozen \$14.00  
 Per dozen 18.50  
 Per dozen 24.00  
 Per dozen 26.00  
 Per dozen 11.50  
 Per dozen 10.00  
 Per dozen 25.00  
 Per dozen 27.00  
 Per dozen 16.50  
 Per dozen 24.50  
 Per dozen 27.00  
 Per dozen 20.00

- No. 1791E—5 x 3½ inch, polished iron bolts, brass bushed keyhole..... Per dozen \$5.25
- No. 1791E—6 x 3½ inch, polished iron bolts, brass bushed keyhole..... Per dozen 6.00
- No. 1791E—7 x 4 inch, polished iron bolts, brass bushed keyhole..... Per dozen 8.25
- Half dozen in a package.
- No. 38—8 x 5½ inch, 2 keys, polished iron bolts, brass bushed keyhole..... Per dozen 25.50
- One-quarter dozen in a package.

When ordering please mention whether for right or left hand doors.

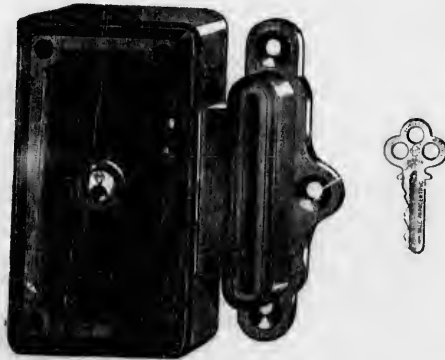
YALE UPRIGHT RIM DEAD LOCKS



Half size cuts.

- No. 10—Japanned, plated shield escutcheon..... Each 86.0
- No. 12—Japanned, bronze shield escutcheon..... Each 1.3

Size, 4 x 2½ inches; distance from edge of door to centre of escutcheon, 1½ inches; reversible, applicable to doors from 1½ to 2½ inches thick, operated from both sides by key, three keys to each.  
Packed one in a box with screws.



- No. 2—Japanned, plated shield escutcheon..... Each 85.7
- No. 4—Japanned, bronze shield escutcheon..... Each 5.2

Size, 5 x 3 inches; distance from edge of door to centre of escutcheon, 1½ inches; reversible, applicable to doors from 1½ to 4 inches thick, operated from both sides by key, four keys to each.  
Packed one in a box with screws.

No. 33—Jap  
Size, 2½ x  
¾ to

Half size

No. 40—Japan  
No. 41—Japan  
No. 42—Japan

Size, 2½ x

Style of

No. 2—For flat  
No. 3—For flat  
No. 4—For flat  
No. 6—For corr  
No. 7—For corr  
No. 8—For all p  
No. 9—For para



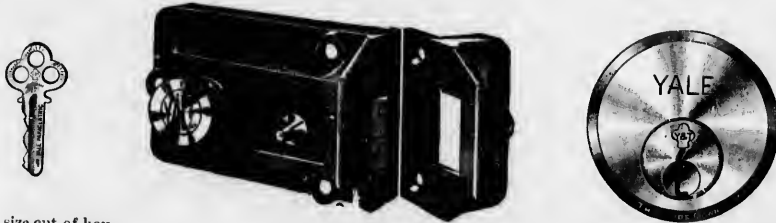
YALE HORIZONTAL RIM DEAD LOCK



Half size cut.

- No. 33—Japanned, bronze circular escutcheon, bronze knob..... Each \$3.30  
 Size, 2 3/4 x 3 3/4 inches; distance from edge of door to centre of escutcheon, 2 3/4 inches; reversible, applicable to doors from 3/4 to 2 1/4 inches thick, operated from outside by key only and from inside by knob, three keys to each.  
 Packed one in a box with screws.

Yale Rim Night Latches



Half size cut of key.

Half size cut.

Full size cut of Escutcheon.

- No. 40—Japanned, plated escutcheon, plated knob..... Each \$2.40  
 No. 41—Japanned, plated escutcheon, bronze knob..... Each 2.70  
 No. 42—Japanned, bronze escutcheon, bronze knob..... Each 2.40

If reverse bevel is wanted it must be stated in order.

Size, 2 1/4 x 3 3/4 inches; distance from edge of door to centre of escutcheon, 2 3/4 inches, reversible, applicable to doors from 3/4 to 2 1/4 inches thick, operated by key from outside and knob from inside, bolt can be held back by setting stop, three keys to each.

Packed one in a box with screws.

Yale Blank Keys



Style of Nos. 6 and 7.

Style of Nos. 2, 3 and 4.

Style of Nos. 8 and 9.

- No. 2—For flat key cupboard locks..... Per dozen \$1.20  
 No. 3—For flat key rim night latches..... Per dozen 1.20  
 No. 4—For flat key store door and chest locks..... Per dozen 1.20  
 No. 6—For corrugated key locks and latches (except cabinet locks)..... Per dozen 1.05  
 No. 7—For corrugated key cabinet locks with 3/4 inch noses..... Per dozen 1.95  
 No. 8—For all paracentric key locks and latches (except cabinet with short noses)..... Per dozen 2.65  
 No. 9—For paracentric key cabinet locks with 3/4 inch noses..... Per dozen 2.65

..... Each \$5.00  
 ..... Each 1.50  
 e, applicable to  
 each.

..... Each \$5.75  
 ..... Each 5.25  
 applicable to  
 h.

MORTISE KNOB LATCH



No. M85



No. M90

*Part 2  
M15-114*

ROUND EDGE.

Peterboro' No.	Gurpey's No.	Size.	Description	Per dozen	Price
	M80	3½ x 1½	Lacquered iron front and striking plate, iron bolt	Per dozen	81
	M81	3½ x 1½	Lacquered iron front and striking plate, brass bolt	Per dozen	24
	M82	3½ x 1½	Brass front and striking plate, brass bolt	Per dozen	32
	M83	3½ x 1½	Plain bronze front and striking plate, bronze bolt	Per dozen	33
	M84	3½ x 1½	Ornamental bronze front and striking plate, bronze bolt	Per dozen	33
	M85	3½ x 1½	Ornamental bronze front and striking plate, dark enamelled ground finish bronze bolt	Per dozen	33
	M86	3½ x 1½	Ornamental imitation bronzed front and striking plate, brass bolt	Per dozen	32
	M87	3½ x 1½	Ornamental Geneva bronzed front and striking plate, brass bolt	Per dozen	32
1	M90	3½ x 1½	Lacquered iron front and striking plate, iron bolt	Per dozen	20
2	M91	3½ x 1½	Lacquered iron front and striking plate, brass bolt	Per dozen	20
3	M92	3½ x 1½	Brass front and striking plate, iron bolt	Per dozen	28
4	M93	3½ x 1½	Brass front and striking plate, brass bolt	Per dozen	33
	M94	3½ x 1½	Plain bronze front and striking plate bronze bolt	Per dozen	33
2001	M95	3½ x 1½	Ornamental bronze front and striking plate bronze bolt	Per dozen	33
2301	M96	3½ x 1½	Ornamental imitation bronzed front and striking plate, brass bolt	Per dozen	32
4001	M97	3½ x 1½	Ornamental Geneva bronzed front and striking plate, brass bolts	Per dozen	32
4301					

Packed one half-dozen in a box. Nos. M84, 85, 86, 87 M94 95, 96, 97 packed with screws.

Peterboro' No. Gurpey's No.  
 206 M900  
 205 M901  
 210 M902  
 211 M903  
 217 M904  
 218 M904A  
 219 M905  
 519 M906  
 M1000  
 M1001  
 M1002  
 M1003  
 M1004  
 M1110  
 M1111

MORTISE KNOB LOCKS



No. M900



Key for 900 and 1000  
Class No. 110



Key for M110  
Class No. 120

ROUND EDGES.

Reversible by removing Cover and turning Latch Bolt.

Wyerborn's No.	Gurney's No.	Size.
206	M900	3½ x 3½
205	M001	3¼ x 3¼
210	M902	3½ x 3½
211	M903	3½ x 3½
217	M904	3¼ x 3¼
218	M904½	3½ x 3½
219	M905	3½ x 3½
519	M908	3½ x 3½
	M1000	3½ x 3½
	M1001	3¼ x 3¼
	M1002	3½ x 3½
	M1003	3½ x 3½
	M1094	3½ x 3½
	M1110	3¼ x 3¼
	M1111	3½ x 3½

Description	Per dozen.
Coppered iron front and striking plate, iron bolts, tinned iron key, 1 tumbler.....	\$2.50
Coppered iron front and striking plate, iron bolts, coppered iron key, 1 tumbler....	2.50
Coppered iron front and striking plate, iron bolts, tinned malleable key, 1 tumbler...	3.20
Coppered iron front and striking plate, iron bolts, nickel-plated steel key, 1 tumbler...	3.80
Plain brass front and striking plate, brass bolts, nickel-plated steel key, 1 tumbler...	4.50
Plain brass front and striking plate, iron bolts, nickel-plated steel key, 1 tumbler...	5.00
Plain brass front and striking plate, brass bolts, nickel-plated steel key, 1 tumbler...	5.50
Coppered iron front and striking plate, iron bolts, tinned iron key, 1 tumbler.....	2.80
Coppered iron front and striking plate, iron bolts, coppered iron key, 1 tumbler....	2.80
Coppered iron front and striking plate, iron bolts, tinned malleable key, 1 tumbler...	3.40
Coppered iron front and striking plate, iron bolts, nickel-plated key, 1 tumbler....	4.00
Coppered iron front and striking plate, brass bolts, nickel-plated steel key, 1 tumbler...	4.80
Brass front, striking plate and bolts, nickel-plated steel key, 1 tumbler.....	0.00
Plain bronze front and striking plate, bronze bolts, nickel-plated steel key, 1 tumbler	8.60

Packed without knobs. One-half dozen in a box.

MORTISE KNOB LOCKS



Class No. 113

No. M907

ROUND EDGES—NICKEL-PLATED STEEL KEYS.

Reversible by removing Cover and turning Latch Bolt.

Peterboro' No.	Gurney's No.	Size.	Description	Price
	M907	3½ x 3¼	Ornamental brass front and striking plate, brass bolts, nickel-plated steel key, 1 tumbler	85
2108	M908	3½ x 3¼	Ornamental brass front and striking plate, dark enamelled ground finish, brass bolts, nickel-plated steel key, 1 tumbler	53
4108	M909	3½ x 3¼	Ornamental imitation brass front and striking plate, brass bolts, nickel-plated steel key, 1 tumbler	18
	M910	3½ x 3¼	Ornamental Geneva bronzed front and striking plate, brass bolts, nickel-plated steel key, 1 tumbler	18

No.	Size.
1112	3¼ x 3¼
1113	3¼ x 3¼
1114	3¼ x 3¼
1115	3¼ x 3¼

Packed without knobs. One-half dozen in a box.

1857

MORTISE KNOB LOCKS



Class No. 120

No. M1112

ROUND EDGES—NICKEL-PLATED STEEL KEYS.

Reversible by removing Cover and turning Latch Bolt.

No.	Size.	Description	Price
1112	3 1/4 x 3 1/4	Ornamental bronze front and striking plate, bronze bolts, nickel-plated steel key, 1 tumbler	Per dozen \$8.50
1113	3 1/4 x 3 1/4	Ornamental bronze front and striking plate, dark enamelled ground finish, bronze bolts, nickel-plated steel key, 1 tumbler	Per dozen 8.50
1114	3 1/4 x 3 1/4	Ornamental imitation bronzed front and striking plate, brass bolts, nickel-plated steel key, 1 tumbler	Per dozen 7.00
1115	3 1/4 x 3 1/4	Ornamental Geneva bronzed front and striking plate, brass bolts, nickel-plated steel key, 1 tumbler	Per dozen 7.00

Packed without knobs. One-half dozen in a box.

IMPROVED MORTISE KNOB LOCKS



M1206



M1200



Class No. 130

ROUND EDGES—NICKEL-PLATED STEEL KEYS.

Reversible by simply pulling Latch Bolt forward and turning half around.

Peterboro' No.	Gurney's No.	Size.	Description	Price	No.	Size.
226	M1200	4 x 3½	Plain brass front and striking plate, iron bolts, nickel-plated steel key, 1 steel tumbler, 24 changes	Per dozen 80	1208	4 x 3½
227	M1200	4 x 3½	Plain brass front, bolts and striking plate, nickel-plated steel key, 1 steel tumbler, 24 changes	Per dozen 75	1209	4 x 3½
	M1201	4 x 3½	Plain bronze front, bolts and striking plate, nickel-plated steel key, 1 steel tumbler, 24 changes	Per dozen 90	1210	4 x 3½
	M1206	1 x 3½	Ornamental bronze front and striking plate, iron bolts, nickel-plated steel key, 1 tumbler, 24 changes	Per dozen 95	1211	4 x 3½
	M1207	4 x 3½	Same description as No. M1206, dark enameled ground finish	Per dozen 95	1212	4 x 3½
					1213	4 x 3½

Packed without knobs. One-half dozen in a box.

IMPROVED MORTISE KNOB LOCKS



Class No. 130



Class No. 130

No. M1208

ROUND EDGES—NICKEL-PLATED STEEL KEYS.

Reversible by simply pulling Latch Bolt forward and turning half around.

Eseutcheons suitable, 203, 209, 270, 271, 272, 273.

No.	Size.	Description	Price
1208	4 x 3½	Ornamental gold bronze front and striking plate, bronze bolts, nickel-plated steel key, 1 steel tumbler, 24 changes	Per dozen \$10.00
1209	4 x 3½	Ornamental chocolate bronze, description as No. M1208	Per dozen 10.00
1210	4 x 3½	Ornamental light bronze, dark enamel ground finish, description as No. M1208	Per dozen 10.00
1211	4 x 3½	Ornamental antique copper, description as No. M1208	Per dozen 11.00
1212	4 x 3½	Ornamental antique brass, description as No. M1208	Per dozen 11.00
1213	4 x 3½	Ornamental antique silver, description as No. M1208	Per dozen 15.00

Packed without knots. One-half dozen in a box.

MORTISE KNOB LOCKS



No. M1252

ROUND EDGES—NICKEL-PLATED STEEL KEYS.  
Reversible by removing Cover and turning Latch Bolt.

No. M1250

Escutcheons suitable (for No. M1250) 450, 452; (for No. M1252), 274, 275, 276, 277, 278.

Peterboro' No.	Gurney's No.	Size.	Description	Price
240	M1250	4½ x 3½	Plain brass front striking plate and bolts, nickel-plated steel key, 1 steel tumbler, 24 changes.....	Per dozen \$11.00
540	M1251	4½ x 3½	Plain bronze front striking plate and bolts, nickel-plated steel key, 1 steel tumbler, 24 changes.....	Per dozen 12.00
	M1252	4½ x 3½	Ornamental gold bronze front and striking plate, bronze bolts, nickel-plated steel key, 1 steel tumbler, 24 changes.....	Per dozen 12.00
	M1253	4½ x 3½	Ornamental chocolate bronze, description as No. M1252.....	Per dozen 12.00
	M1254	4½ x 3½	Ornamental light bronze, dark enamel ground finish, description as No. M1252.....	Per dozen 12.00
	M1255	4½ x 3½	Ornamental antique copper, description as No. M1252.....	Per dozen 12.00
	M1256	4½ x 3½	Ornamental antique brass, description as No. M1252.....	Per dozen 13.00
	M1257	4½ x 3½	Ornamental antique silver, description as No. M1252.....	Per dozen 13.00
			Packed without knobs. One-half dozen in a box.	15.00

Class No. 130

Comp  
No. 1750 - Pol  
No. 1754 - Pol



WROUGHT STEEL MORTISE KNOB LOCKS



Class No. 13



No. 1750

3½ x 3 inches.

BRIGHT STEEL CASES. REVERSIBLE LATCH BOLT.

NICKEL-PLATED KEYS.

Complete with Screws and Escutcheons. Reversible by removing Cover and turning Latch Bolt.

- No. 1750 - Polished steel front, 2 iron bolts, nickel-plated keys..... Per dozen \$ 3.25
- No. 1754 - Polished brass front, 2 iron bolts, steel keys..... Per dozen 7.25

Packed without knobs. Half dozen in a box.

STEEL KEYS.  
Turning Latch Bolt.

0.  
steel turn-  
Per dozen \$11.00  
ey, 1 steel  
Per dozen 12.00  
ckel-plated  
Per dozen 12.00  
Per dozen 12.00  
No. M1252  
Per dozen 12.00  
Per dozen 13.00  
Per dozen 13.00  
Per dozen 15.00

REVERSIBLE RABBETED MORTISE KNOB LOCKS  
PETERBOROUGH LOCK MFG. Co.



Class No. 37

ROUND EDGE. RIGHT OR LEFT HAND. JAPANED CASE.

No.	Size.	Description	Per dozen	Price
270	4½ x 3½	Bronze front, bolts and strike, nickel-plated steel key, 1 steel tumbler.....	Per dozen	\$25.00
271	4½ x 3½	Bronze front, bolts and strike, nickel-plated steel key, 3 steel tumblers .....	Per dozen	32.00
280	5 x 3½	Bronze front, bolts and strike, nickel-plated steel key, 1 steel tumbler.....	Per dozen	28.00
281	5 x 3½	Bronze front, bolts and strike, nickel-plated steel key, 3 steel tumblers.....	Per dozen	34.00

To reverse remove the Screws that hold the Front on, take off the Front, and reverse both the Latch and the Front.

Packed without knobs. Quarter dozen in a box.

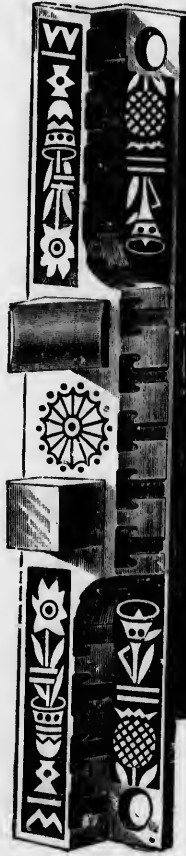


Nos. 2370  
Escutcheon suit  
or Lock Number  
" "  
" "  
" "  
" "  
" "

REVERSIBLE  
RABBETED MORTISE KNOB LOCKS  
PETERBOROUGH LOCK MFG. CO.



Nos. 2370, 2371



Nos. 2270, 2271



4 1/4 x 3 1/2 inch.



Class No. 37.

Per dozen \$25.00  
Per dozen 32.00  
Per dozen 28.00  
Per dozen 31.00  
th the

Escutcheon suitable	Rosco and Escutcheon	Drop Escutcheon	Plate Escutcheon	Plate Escutcheon	Ornamental.
Lock Number: <b>2270</b> .....	Numbers 2577 .....	2581 .....	2582 .....	2583 .....	
" " <b>2271</b> .....	" 2577 .....	2581 .....	2582 .....	2583 .....	"
" " <b>2370</b> .....	" 2577 .....	2081 .....	2082 .....	2083 .....	"
" " <b>2371</b> .....	" 2577 .....	2081 .....	2082 .....	2083 .....	"
" " <b>2380</b> .....	" 2570 .....	2581 .....	2582 .....	2583 .....	"
" " <b>2381</b> .....	" 2570 .....	2581 .....	2582 .....	2583 .....	"
" " <b>2380</b> .....	" 2070 .....	2081 .....	2082 .....	2083 .....	"
" " <b>2381</b> .....	" 2070 .....	2081 .....	2082 .....	2083 .....	"

For description see page 23.

## REVERSIBLE

## RABBETED MORTISE KNOB LOCKS

Right or left hand.

## ORNAMENTAL REAL BRONZE FRONTS.

4½ x 3½ inch.

ROUND EDGE. JAPANNED CASE. PACKED WITH JAPANNED ESCUTCHEONS.

No.		
2270	Ornamental real bronze, front and strike, bronze bolts, nickel-plated steel key, 1 steel tumbler. Per dozen	825 00
2271	Ornamental real bronze, front and strike, bronze bolts, nickel-plated steel key, 3 steel tumblers. Per dozen	32 00
2370	Ornamental real bronze, front and strike, bronze bolts, nickel-plated steel key, 1 steel tumbler. Per dozen	25 00
2371	Ornamental real bronze, front and strike, bronze bolts, nickel-plated steel key, 3 steel tumblers. Per dozen	32 00

5 x 3¾ inch.

2280	Ornamental real bronze, front and strike, bronze bolts, nickel-plated steel key, 1 steel tumbler. Per dozen	28 00
2281	Ornamental real bronze, front and strike, bronze bolts, nickel-plated steel key, 3 steel tumblers. Per dozen	31 00
2380	Ornamental real bronze, front and strike, bronze bolts, nickel-plated steel key, 1 steel tumbler. Per dozen	28 00
2381	Ornamental real bronze, front and strike, bronze bolts, nickel-plated steel key, 3 steel tumblers. Per dozen	31 00

TO REVERSE.—Remove the screws that hold the Front on, take off the Front, and reverse both the Latch and the Front.

Furnished in No. 1 finish	- - - - -	(Natural light bronze).
Furnished in No. 2 finish	- - - - -	(Chocolate bronze).
Furnished in No. 3 finish	- - - - -	(Light surface, black background).

Packed without knobs. Quarter dozen in a box.

See page 25 for cuts.

No. Size  
1200 1½ x 3¾

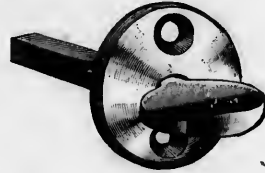
1202 1½ x 3¾

MORTISE FRONT DOOR LOCKS



No. M200

EASY SPRING—STOP IN FRONT.



Class No. 150



Class No. 150



Class No. 160

Reversible by simply pulling Latch Bolt forward and turning half around.

Match with Vestibule Latches, Nos. M240, 242, page 20.

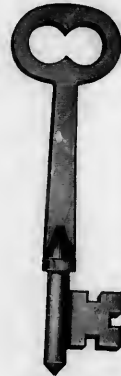
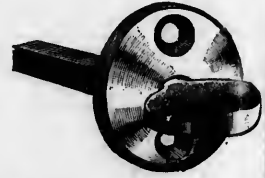
No.	Size	Description	Per dozen.
M200	4 1/2 x 3 3/4	Heavy brass front, bolts and striking plate, turn knob and plate, nickel-plated key, 1 tumbler on both bolts, 2 nickel-plated night keys, 24 changes.....	\$27.00
M202	4 1/2 x 3 3/4	Same description as No. M200, 1 tumbler on lock bolt, 3 tumblers on night bolt, 2 nickel-plated night keys, 72 changes.....	31.00

Packed without knobs. One-twelfth dozen in a box.

MORTISE FRONT DOOR LOCKS



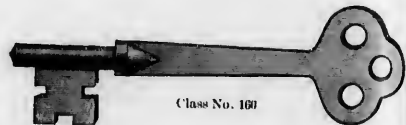
No. M203



Class No. 150



Class No. 150



Class No. 100

EASY SPRING—STOP IN FRONT.

Reversible by simply pulling Latch Bolt forward and turning half around.

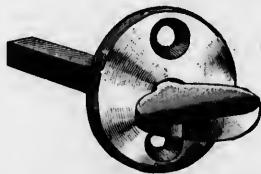
Match with Vestibule Latches, Nos. M243, 245, page 29.

Peterboro' No.	Gurney's No.	Size.	Description	Per dozen.
550	M203	4 1/2 x 3 1/2	Plain Ironze front, striking plate, bolts, turn knob and plate, nickel-plated key, 1 tumbler on both bolts, 2 nickel-plated night keys, 21 changes.....	\$20.00
551	M205	4 1/2 x 3 1/2	Same description as No. M203, 1 tumbler on lock bolt, 3 tumblers on night bolt, 2 nickel-plated night keys, 72 changes.....	31.00

Packed without knobs. One-twelfth dozen in a box, with screws.

Gurney's No.	Size.
M240	3 1/4 x 3 1/4
M242	3 1/4 x 3 1/4
M243	3 1/4 x 3 1/4
M245	3 1/4 x 3 1/4

MORTISE VESTIBULE LATCHES



Class No. 150



No. M240



Class No. 150



Class No. 130



EASY SPRING—STOP IN FRONT.

Reversible by simply pulling Latch Bolt forward and turning half around.

Nos. M240 and 242 match with Front Door Locks Nos. M200, 202, page 27.  
Nos. M243 and 245 match with Front Door Locks Nos. M203, 205, page 28.

Per dozen.	Worcester's No.	Size.	Description	Per dozen.
	M240	3 1/4 x 3 3/4	Heavy brass front, bolt and striking plate, turn knob and plate, 1 tumbler, 2 nickel-plated keys, 24 changes.....	\$16.00
	M242	3 1/4 x 3 3/4	Same description as No. M240, 3 tumblers, 2 nickel-plated keys, 72 changes.....	20.00
	M243	3 1/4 x 3 3/4	Plain bronze front, bolt, striking plate, turn knob and plate, 2 nickel-plated keys, 1 tumbler, 24 changes.....	18.00
	M245	3 1/4 x 3 3/4	Same description as No. M243, 2 nickel-plated keys, 3 tumblers, 72 changes.....	22.00

Packed without knots. One-twelfth dozen in a box, with screws.

WOOD, VALLANCE & CO.  
MORTISE FRONT DOOR LOCKS



No. M221



Class No. 150



Class No. 150



Class No. 150

EASY SPRING—STOP IN FRONT.

Reversible by simply pulling Latch Bolt forward and turning half around.  
M220 and M222 match with Vestibule Latches Nos. M260, 262, page 31.  
M226 and M227 match with Vestibule Latches Nos. M206, 207, page 31.

Peterboro' No.	Gurney's No.	Size.	Description	Per dozen
2350 2550	M220	4 3/4 x 3 3/8	Ornamental bronze front and striking plate, bronze bolts, turn knob and plate, nickel-plated key, 1 tumbler on both bolts, 2 nickel-plated night keys, 24 changes.	83.00
2351 2551	M222	4 3/4 x 3 3/8	Same description as No. M220, 1 tumbler on lock bolt, 3 tumblers on night bolt, 2 nickel-plated night keys, 72 changes.	34.00
	M226	4 3/4 x 3 3/8	Ornamental imitation bronzed front, striking plate, turn knob and plate, brass bolts, nickel-plated key, 1 tumbler on both bolts, 2 nickel-plated night keys, 24 changes.	23.00
4550	M227	4 3/4 x 3 3/8	Ornamental Geneva bronzed front, striking plate, turn knob and plate, brass bolts, nickel-plated key, 1 tumbler on both bolts, 2 nickel-plated night keys, 24 changes.	23.00

Packed without knobs. One-twelfth dozen in a box, with screws.



MORTISE VESTIBULE LATCHES



Class No. 150



Class No. 160



Class No. 150

No. M200

EASY SPRING—STOP IN FRONT.

Reversible by simply pulling Latch Bolt forward and turning half around.

Match with Front Door Locks Nos. M220, 222, 223, 227, page 30.

Per dozen.	Reference No.	Size.	Description	Per dozen.
	2350	M200	Ornamental bronze front, striking plate, turn knob and plate, bronze bolts, 2 nickel-plated keys, 1 tumbler, 24 changes	\$18.00
	2550	M202	Same description as No. M200, 3 tumblers, 72 changes	22.00
	2351	M266	Ornamental imitation bronzed front, striking plate, turn knob and plate, brass bolts, 2 nickel-plated keys, 1 tumbler, 24 changes	17.00
	2551	M267	Ornamental Geneva bronzed front, striking plate, turn knob and plate, brass bolts, 2 nickel-plated keys, 1 tumbler, 24 changes	17.00

Packed without knobs. One-twelfth dozen in a box, with screws.

MORTISE FRONT DOOR LOCKS



No. M707



Class No. 150



Class No. 150



Class No. 140

EASY SPRING ON LATCH—HEAVY ON KNOB.

Reversible by removing Cap and Turning Latch Bolt. Match with Vestibule Latches Nos. M757 to 762, inclusive, page 30. Escutcheons suitable, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 300, 301, 302, 303, 304, 305.

Peterboro' No.	Gurney's No.	Size.	Description	Per doz.
2550	M707	5 x 3 1/4	Ornamental gold bronze front, bolts, striking plate and turn knob, nickel-plated steel key, 1 steel tumbler on both bolts, 2 nickel-plated night keys, 24 changes	80.00
	M708	5 x 3 1/4	Ornamental chocolate bronze, description as No. M707	30.00
	M709	5 x 3 1/4	Ornamental light bronze, dark enamelled ground finish, description as No. M707	30.00
	M710	5 x 3 1/4	Ornamental antique copper, description as No. M707	32.00
	M711	5 x 3 1/4	Ornamental antique brass, description as No. M707	32.00
	M712	5 x 3 1/4	Ornamental antique silver, description as No. M707	32.00

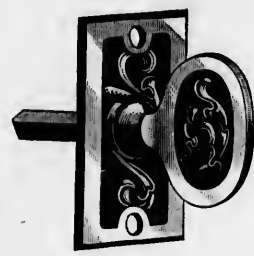
Packed without knobs. One-twelfth dozen in a box, with screws.  
For locks with 3 levers on latch bolts add \$5.00 to list price.

Escutcheons suitable, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 300, 301, 302, 303, 304, 305.  
Peterboro' No. 2501  
Gurney's No. M757  
M758  
M759  
M760  
M761  
M762

MORTISE VESTIBULE LATCHES



Class No. 150



Class No. 150



Class No. 150

No. M757

EASY SPRING ON LATCH—HEAVY ON KNOB.

Reversible by removing Cap and turning Latch Bolt.

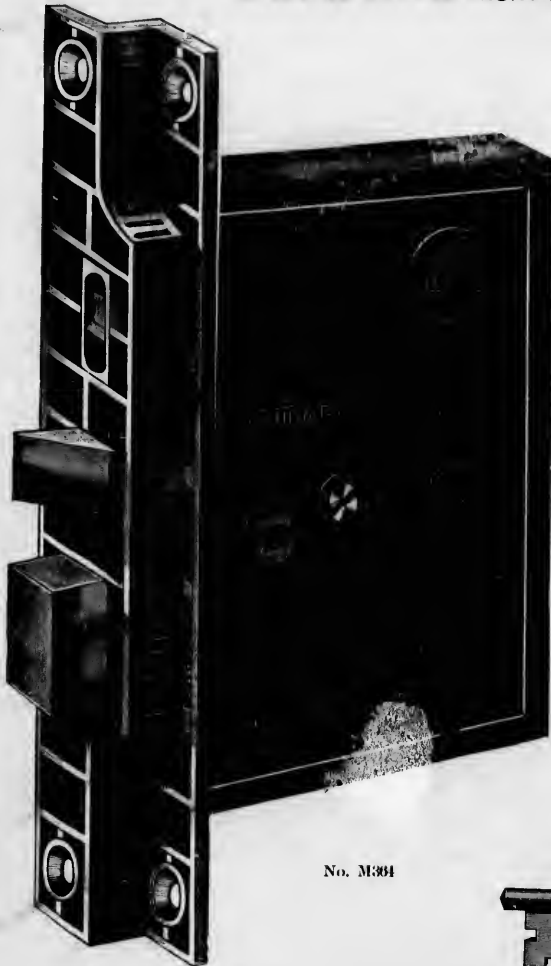
Match with Front Door Locks Nos. M707 to 712, inclusive, page 32.

Escutcheons suitable, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 280, 281, 282, 283, 284, 285.

Gurney's No.	Size.	Description	Per dozen.
M757	3 3/4 x 3 3/4	Ornamental gold bronze front, bolts, striking plate and thumb knob, 2 nickel-plated steel keys, 1 steel tumbler, 24 changes.	\$18.00
M758	3 3/4 x 3 3/4	Ornamental chocolate bronze, description as No. M757.	18.00
M759	3 3/4 x 3 3/4	Ornamental light bronze, dark enamel ground finish, description as No. M757.	18.00
M760	3 3/4 x 3 3/4	Ornamental antique copper, description as No. M757.	19.80
M761	3 3/4 x 3 3/4	Ornamental antique brass, description as No. M757.	19.80
M762	3 3/4 x 3 3/4	Ornamental antique silver, description as No. M757.	23.40

Packed without knobs. One-twelfth dozen in a box, with screws.  
For 3 Lever Latches add \$5.00 to list price.

RABBETED MORTISE FRONT DOOR LOCKS



No. M364



Class No. 150



Class No. 150



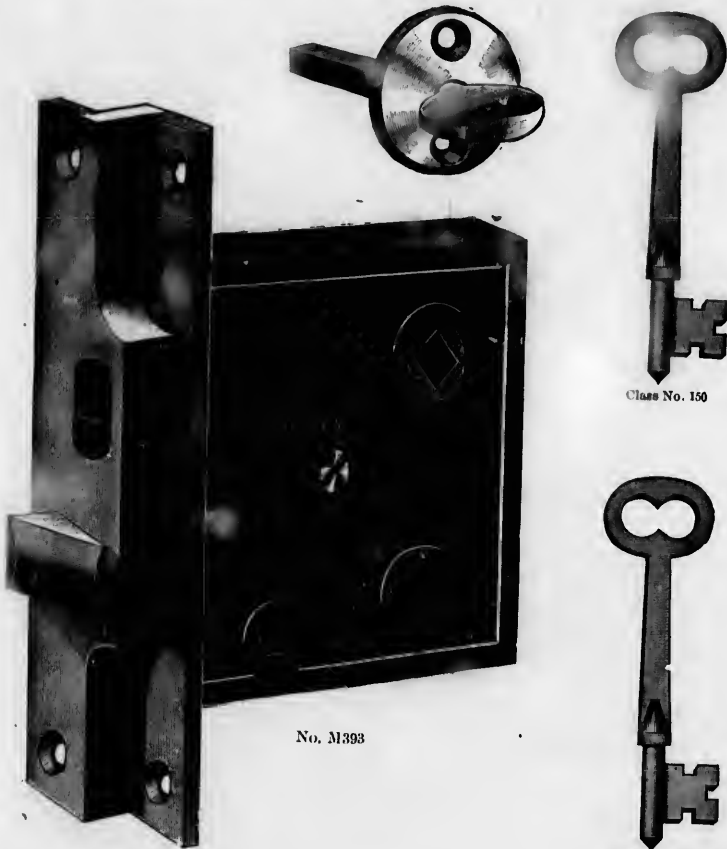
Class No. 160

EASY SPRING—STOP IN FRONT.

Peterboro' No.	Gurney's No.	Size.	Description	Per doz.
	M364	4 3/4 x 3 3/4	Ornamental bronze front and striking plate, turn knob and plate, bronze bolts, nickel-plated key, 1 tumbler on both bolts, 2 nickel-plated night keys, 24 changes	\$30
	M366	4 3/4 x 3 3/4	Same description as No. M364, 1 tumbler on lock bolt, 3 tumblers on night bolt, 72 changes	50
			Above match with Vestibule Latches Nos. M404, 406. See page 35.	
553	M353	4 3/4 x 3 3/4	Plain bronze front, striking plate and bolts, turn knob and plate, nickel-plated key, 1 tumbler on both bolts, 2 nickel-plated night keys, 24 changes	30
554	M355	4 3/4 x 3 3/4	Same description as No. M353, 1 tumbler on lock bolt, 3 tumblers on night bolt, 2 nickel-plated night keys, 72 changes	50
			Above match with Vestibule Latches, Nos. M363, 365. See page 35.	
			Packed without knobs. One-twelfth dozen in a box, with screws.	

Peterboro' No. 53 1/2 Gurney's No. M393  
 54 1/2 M395  
 M404  
 M406

RABBETED MORTISE VESTIBULE LATCHES



No. M393

Class No. 150

Class No. 150

EASY SPRING—STOP IN FRONT.

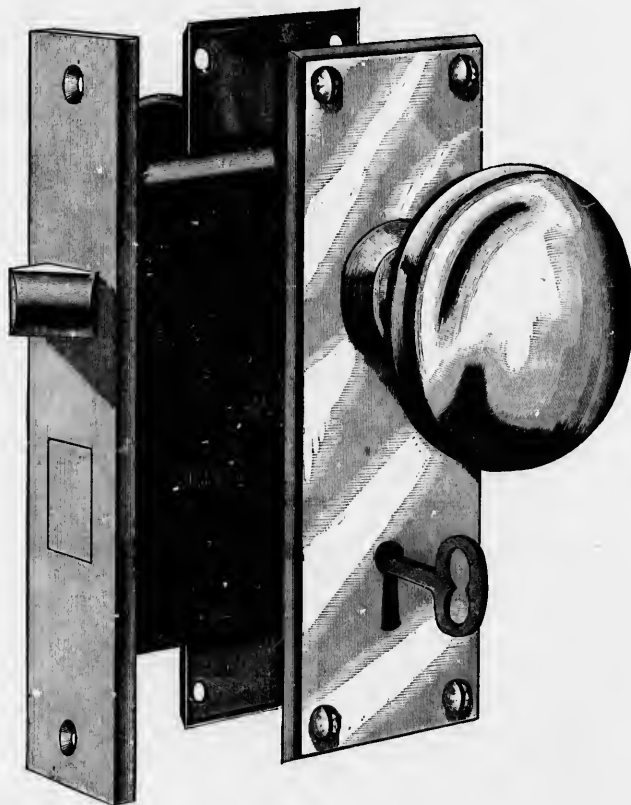
W.C. No.	Gurney's No.	Size.	Description	Per dozen.
53½	M393	3¼ x 3¼	Plain bronze front, bolt, striking plate, turn knob and plate, 2 nickel-plated keys, 1 tumbler, 24 changes	\$35.00
54½	M395	3¼ x 3¼	Same description as No. M393, 2 nickel-plated keys, 3 tumblers, 72 changes	40.00
Above match with Front Door Locks Nos. M353, 355. See page 34.				
	M404	3¼ x 3¼	Ornamental bronze front and striking plate, turn knob and plate, bronze bolt, 2 nickel-plated keys, 1 tumbler, 24 changes	33.00
	M406	3¼ x 3¼	Same description as No. M404, 3 tumblers, 72 changes	40.00

Above match with Front Door Locks Nos. M364, 366. See page 34.

Packed without knobs. One-twelfth dozen in a box, with screws.



INSIDE DOOR SETS



No. M01200

PLAIN BRASS.

No.	Lock.	Size.	Knob.	Escutcheon.	Escutcheon.	Price
M01200	1200	4 x 3 1/2	330 x 2 1/2	440	440	8.00
M001200	1200	4 x 3 1/2	330 x 2 1/2	440	200	6.00
M0001200	1200	4 x 3 1/2	330 x 2 1/2	200	200	4.00
M0132	1132	3 1/2 x 3 1/2	330 x 2 1/2	440	440	8.00
M00132	1132	3 1/2 x 3 1/2	330 x 2 1/2	440	200	6.00
M000132	1132	3 1/2 x 3 1/2	330 x 2 1/2	200	200	4.00
M01250	1250	4 1/2 x 3 1/2	330 x 2 1/2	450	450	8.00
M001250	1250	4 1/2 x 3 1/2	330 x 2 1/2	450	200	6.00
M0001250	1250	4 1/2 x 3 1/2	330 x 2 1/2	200	200	4.00

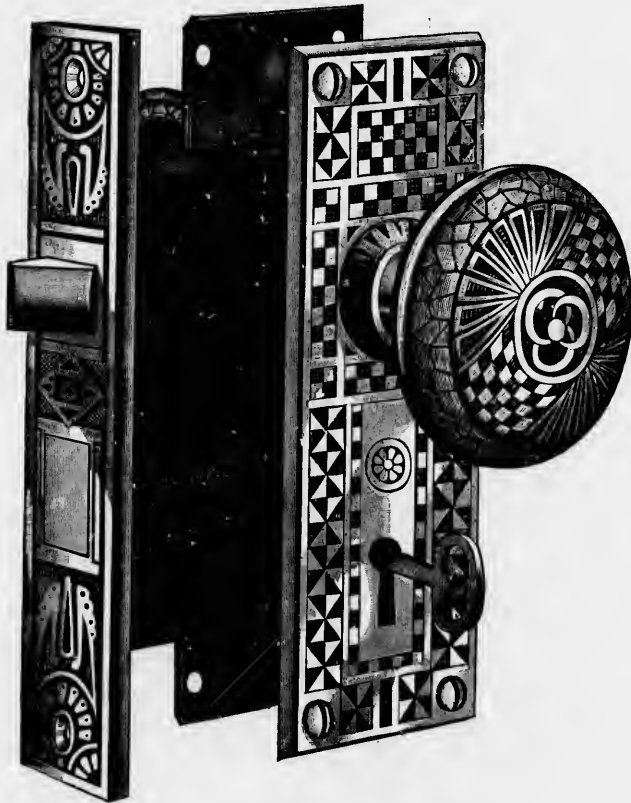
PLAIN BRONZE.

M01201	1201	4 x 3 1/2	340 x 2 1/2	442	442	8.00
M001201	1201	4 x 3 1/2	340 x 2 1/2	442	201	6.00
M0001201	1201	4 x 3 1/2	310 x 2 1/2	201	201	4.00
M0135	1135	3 1/2 x 3 1/2	340 x 2 1/2	442	442	8.00
M00135	1135	3 1/2 x 3 1/2	340 x 2 1/2	442	201	6.00
M000135	1135	3 1/2 x 3 1/2	340 x 2 1/2	201	201	4.00
M01251	1251	4 1/2 x 3 1/2	340 x 2 1/2	452	452	8.00
M001251	1251	4 1/2 x 3 1/2	340 x 2 1/2	452	201	6.00
M0001251	1251	4 1/2 x 3 1/2	340 x 2 1/2	201	201	4.00

Packed one set in a box, complete.

Merboro' No. Gurney's  
M0112  
M0011  
M0001  
M0113  
M0011  
M0001  
M0114  
M0011  
M0001  
500 ..... M0115  
4500 .... M0011  
M0001

INSIDE DOOR SETS



M0112

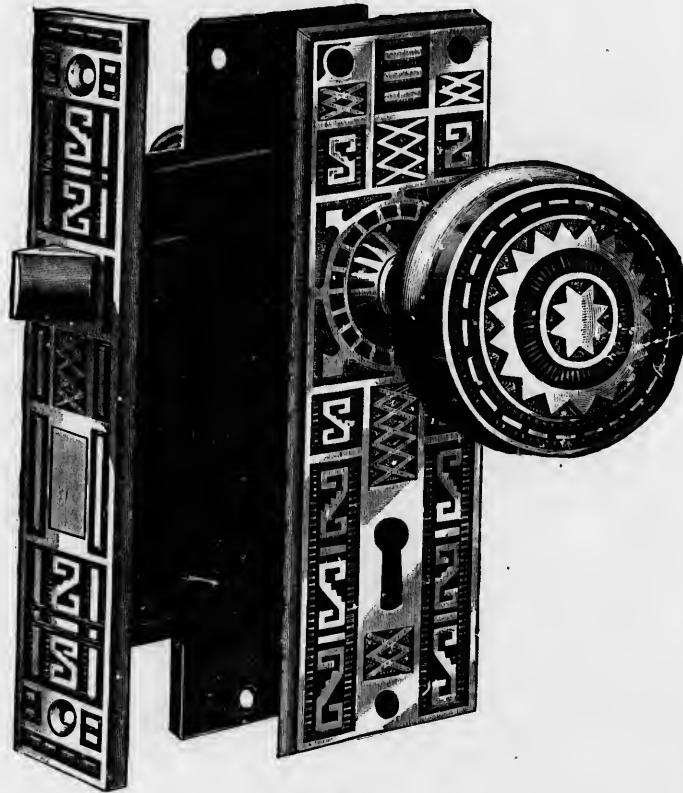
ORNAMENTAL BRONZE.

Merboro' No.	Gurney's No.	Lock.	Size	Knob.	Escutcheon.	Escutcheon.	Per set.
	M0112	1112	3½ x 3½	313 x 2½	443	443	\$2.40
	M00112	1112	3½ x 3½	313 x 2½	443	15½	2.10
	M000112	1112	3½ x 3½	313 x 2½	15½	15½	1.85
ORNAMENTAL BRONZE, DARK ENAMELLED.							
	M0113	1113	3½ x 3½	314 x 2½	444	444	2.40
	M00113	1113	3½ x 3½	314 x 2½	444	16½	2.10
	M000113	1113	3½ x 3½	314 x 2½	16½	16½	1.80
ORNAMENTAL IMITATION BRONZED.							
	M0114	1114	3½ x 3½	315 x 2½	445	445	1.60
	M00114	1114	3½ x 3½	315 x 2½	445	17½	1.40
	M000114	1114	3½ x 3½	315 x 2½	17½	17½	1.20
ORNAMENTAL GENEVA BRONZED.							
500	M0115	1115	3½ x 3½	316 x 2½	446	446	1.60
	M00115	1115	3½ x 3½	316 x 2½	446	18½	1.40
4500	M000115	1115	3½ x 3½	316 x 2½	18½	18½	1.20

Packed one set in a box, complete.



INSIDE DOOR SETS



No. M01202

ORNAMENTAL BRONZE.							
No.	Lock.	Size.	Knob.	Escutcheon.	Escutcheon.	Per set	
M01202	1202	4 x 3½	800 x 2½	880	880	82.75	
M001202	1202	4 x 3½	300 x 2½	880	23	2.65	
M0001202	1202	4 x 3½	300 x 2½	23	23	2.65	
ORNAMENTAL BRONZE, DARK ENAMELLED.							
M01203	1203	4 x 3½	301 x 2½	881	881	9.00	
M001203	1203	4 x 3½	301 x 2½	881	24	2.65	
M0001203	1203	4 x 3½	301 x 2½	24	24	2.65	
ORNAMENTAL IMITATION BRONZED.							
M01204	1204	4 x 3½	302 x 2½	882	882	1.85	
M001204	1204	4 x 3½	302 x 2½	882	22	1.60	
M0001204	1204	4 x 3½	302 x 2½	22	22	1.30	
ORNAMENTAL GENEVA BRONZED.							
M01205	1205	4 x 3½	303 x 2½	883	883	1.85	
M001205	1205	4 x 3½	303 x 2½	883	21	1.60	
M0001205	1205	4 x 3½	303 x 2½	21	21	1.30	

Packed one set in a box, complete.

No.  
M01252  
M001252  
M0001252  
M01208  
M001208  
M0001208

INSIDE DOOR SETS



Nos. M01252 and M01208

ORNAMENTAL BRONZE.

No.	Lock.	Size.	Knob.	Escutcheon.	Escutcheon.	Per set.
M01252	1252	4½ x 3½	325 x 2½	274	274	\$3.65
M001252	1252	4½ x 3½	325 x 2½	274	250	3.20
M0001252	1252	4½ x 3½	325 x 2½	250	250	2.60
M01208	1208	4 x 3½	325 x 2½	268	268	3.30
M001208	1208	4 x 3½	325 x 2½	268	250	2.95
M0001208	1208	4 x 3½	325 x 2½	250	250	2.60

Packed one set in a box, complete.

Per set  
 82.7  
 2.6  
 2.6  
 1.8  
 1.6  
 1.3  
 1.8  
 1.6  
 1.3

## INSIDE DOOR SETS

For cuts see page 39.

## ORNAMENTAL CHOCOLATE BRONZE.

No.	Lock.	Size.	Knob.	Escutcheon.	Escutcheon.	Per set.
M01209	1209	4 x 3½	326 x 2½	269	269	83.30
M001209	1209	4 x 3½	326 x 2½	269	251	2.95
M0001209	1209	4 x 3½	326 x 2½	251	251	2.60
M01253	1253	4½ x 3½	326 x 2½	275	275	3.65
M001253	1253	4½ x 3½	326 x 2½	275	251	3.20
M0001253	1253	4½ x 3½	326 x 2½	251	251	2.80

## ORNAMENTAL LIGHT BRONZE, DARK ENAMELLED GROUND FINISH.

M01210	1210	4 x 3½	327 x 2½	270	270	3.30
M001210	1210	4 x 3½	327 x 2½	270	252	2.95
M0001210	1210	4 x 3½	327 x 2½	252	252	2.60
M01254	1254	4½ x 3½	327 x 2½	276	276	3.65
M001254	1254	4½ x 3½	327 x 2½	276	252	3.20
M0001254	1254	4½ x 3½	327 x 2½	252	252	2.80

## ORNAMENTAL ANTIQUE COPPER.

M01211	1211	4 x 3½	328 x 2½	271	271	3.65
M001211	1211	4 x 3½	328 x 2½	271	253	3.25
M0001211	1211	4 x 3½	328 x 2½	253	253	2.90
M01255	1255	4½ x 3½	328 x 2½	277	277	4.65
M001255	1255	4½ x 3½	328 x 2½	277	253	3.60
M0001255	1255	4½ x 3½	328 x 2½	253	253	3.10

## ORNAMENTAL ANTIQUE BRASS.

M01212	1212	4 x 3½	329 x 2½	272	272	3.65
M001212	1212	4 x 3½	329 x 2½	272	254	3.25
M0001212	1212	4 x 3½	329 x 2½	254	254	2.90
M01256	1256	4½ x 3½	329 x 2½	278	278	4.65
M001256	1256	4½ x 3½	329 x 2½	278	254	3.60
M0001256	1256	4½ x 3½	329 x 2½	254	254	3.10

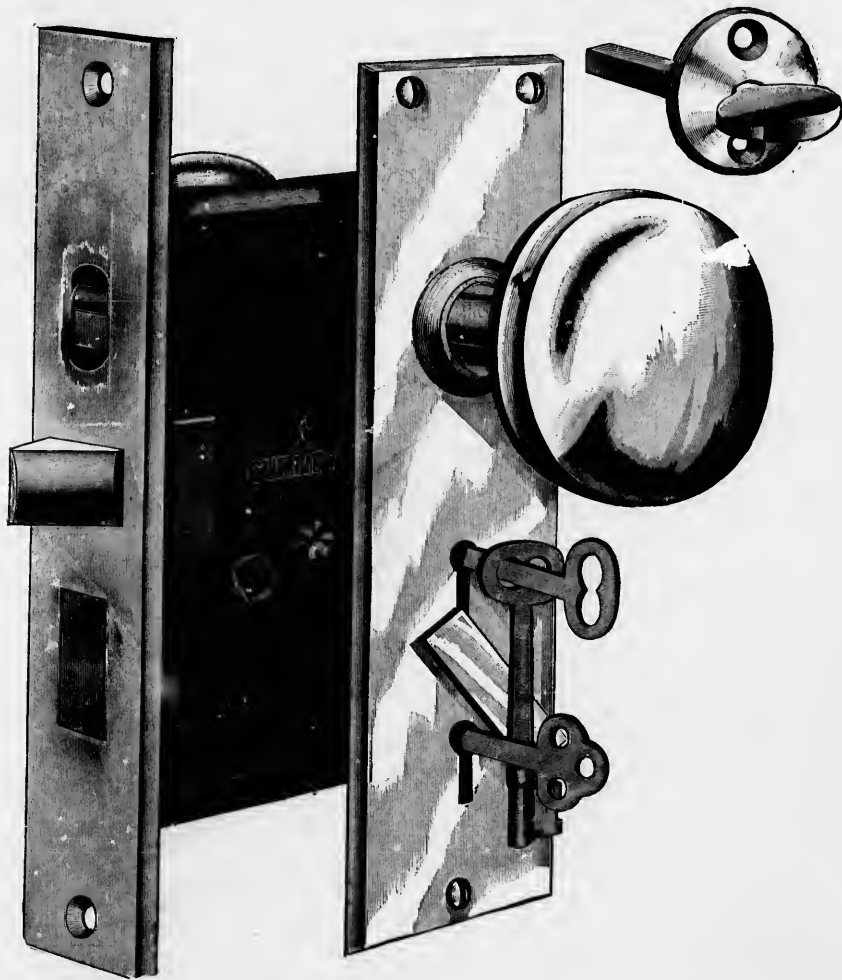
## ORNAMENTAL ANTIQUE SILVER.

M01213	1213	4 x 3½	329½ x 2½	273	273	4.30
M001213	1213	4 x 3½	329½ x 2½	273	255	3.85
M0001213	1213	4 x 3½	329½ x 2½	255	255	3.45
M01257	1257	4½ x 3½	329½ x 2½	279	279	4.70
M001257	1257	4½ x 3½	329½ x 2½	279	255	4.15
M0001257	1257	4½ x 3½	329½ x 2½	255	255	3.65

Packed one set in a box, complete.

No.  
M0203 .....  
M00203 .....  
M000203 .....  
M0230 .....  
M0243 .....  
M00243 .....  
M000243 .....  
M02430 .....

FRONT DOOR AND VESTIBULE LATCH MORTISE SETS



No. M000203

PLAIN BRONZE.

No.	Lock	Size.	Knob.	Escutcheon.	Escutcheon.	Per set.
4.30	M0203	203	360, 2½ x 2½	52	201	\$4.65
3.85	M00203	203	360, 2½ x 2½	211	201	4.40
3.45	M000203	203	340, 2½ x 2½	52	201	4.30
4.70	M0230	203	340, 2½ x 2½	211	201	4.10
<b>VESTIBULE LATCHES.</b>						
4.15	M0243	243	360 x 2½	42	42	3.55
3.65	M00243	243	360 x 2½	42	201	3.25
	M000243	243	340 x 2½	42	42	3.20
	M02130	243	340 x 2½	42	201	2.90

Packed one set in a box, complete.

FRONT DOOR MORTISE SETS



No. M0212

No. M0252  
M00252

No.		Loc.		ORNAMENTAL IMITATION BRONZED.					
				Size.	Knob.	Escutcheon.	Escutcheon.	Per set.	
M0212	212	212	212	4 3/4 x 3 3/8	315 x 2 1/4	55	17 1/2	\$3.10	
M00212	212	212	212	4 3/4 x 3 3/8	315 x 2 1/4	222	17 1/4	2.90	
				ORNAMENTAL GENEVA BRONZED.					
M0213	213	213	213	4 3/4 x 3 3/8	316 x 2 1/4	56	18 1/2	3.10	
M00213	218	218	218	4 3/4 x 3 3/8	316 x 2 1/4	223	18 1/4	2.90	

Packed one set in a box, complete.

M0253  
M00253

VESTIBULE LATCH MORTISE SETS



No. M0252

ORNAMENTAL IMITATION BRONZED.

No.	Latch.	Size.	Knob.	Escutcheon.	Escutcheon.	Per set.
M0252	252	3½ x 3¼	315 x 2¼	45	45	\$2.45
M00252	252	3¼ x 3¼	315 x 2¼	45	17½	2.25

ORNAMENTAL GENEVA BRONZED.

M0253	253	3¼ x 3¼	316 x 2¼	46	46	2.45
M00253	253	3¼ x 3¼	316 x 2¼	46	18½	2.25

Packed one set in a box, complete.

Per set.  
\$3.10  
2.90

3.10  
2.90

FRONT DOOR MORTISE SETS



No. M0206

ORNAMENTAL BRONZE.

No.	Lock.	Size.	Knob.	Escutcheon.	Escutcheon.	Per set.
M0206	206	4½ x 3½	313, 2½ x 2½	53	15½	\$4.15
M00206	206	4½ x 3½	313, 2½ x 2½	220	15½	4.00

ORNAMENTAL BRONZE, DARK ENAMELLED.

M0209	209	4½ x 3½	314, 2½ x 2½	54	15½	4.15
M00209	209	4½ x 3½	314, 2½ x 2½	221	15½	4.00

Packed one set in a box, complete.

No.  
M0246  
M00246

M0249  
M00249

VESTIBULE LATCH MORTISE SETS



No. M0246

ORNAMENTAL BRONZE.

No.	Lock.	Size.	Knob.	Escutcheon.	Escutcheon.	Per set.
M0216	240	3½ x 3½	313 x 2½	43	43	\$3.20
M00246	240	3½ x 3½	313 x 2½	43	15½	3.00

ORNAMENTAL BRONZE, DARK ENAMELLED.

M0249	249	3½ x 3½	314 x 2½	44	44	3.20
M00249	249	3½ x 3½	314 x 2½	44	16½	3.00

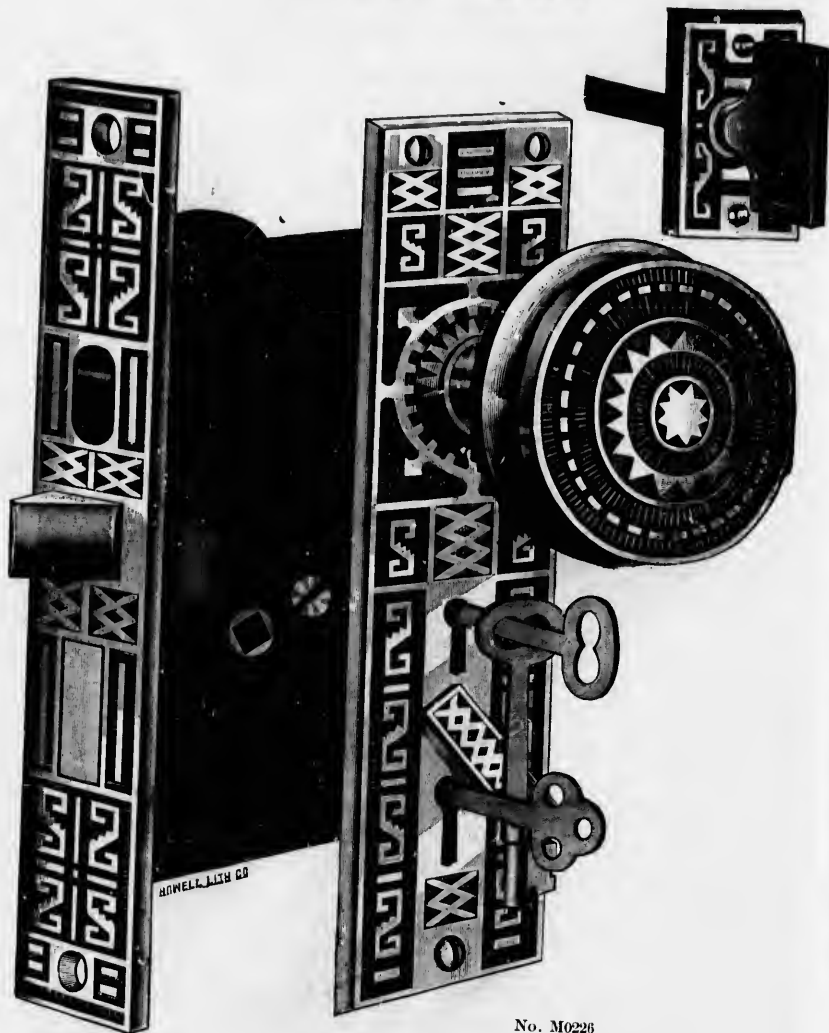
Packed one set in a box, complete.

Per set.  
\$4.15  
4.00

4.15  
4.00



FRONT DOOR MORTISE SETS



No. M0226

No.  
M0226  
M00226

Lock.  
226  
226

ORNAMENTAL IMITATION BRONZED.

Size.	Knot.	Escutcheon.	Escutcheon.	Per set.
4 3/4 x 3 3/4	302 x 2 1/2	02	26	\$9.30
4 3/4 x 3 3/4	302 x 2 1/2	232	26	3.10

ORNAMENTAL GENEVA BRONZFD.

4 3/4 x 3 3/4	303 x 2 1/2	03	25	3.90
4 3/4 x 3 3/4	303 x 2 1/2	233	25	3.10

Packed one set in a box, complete.

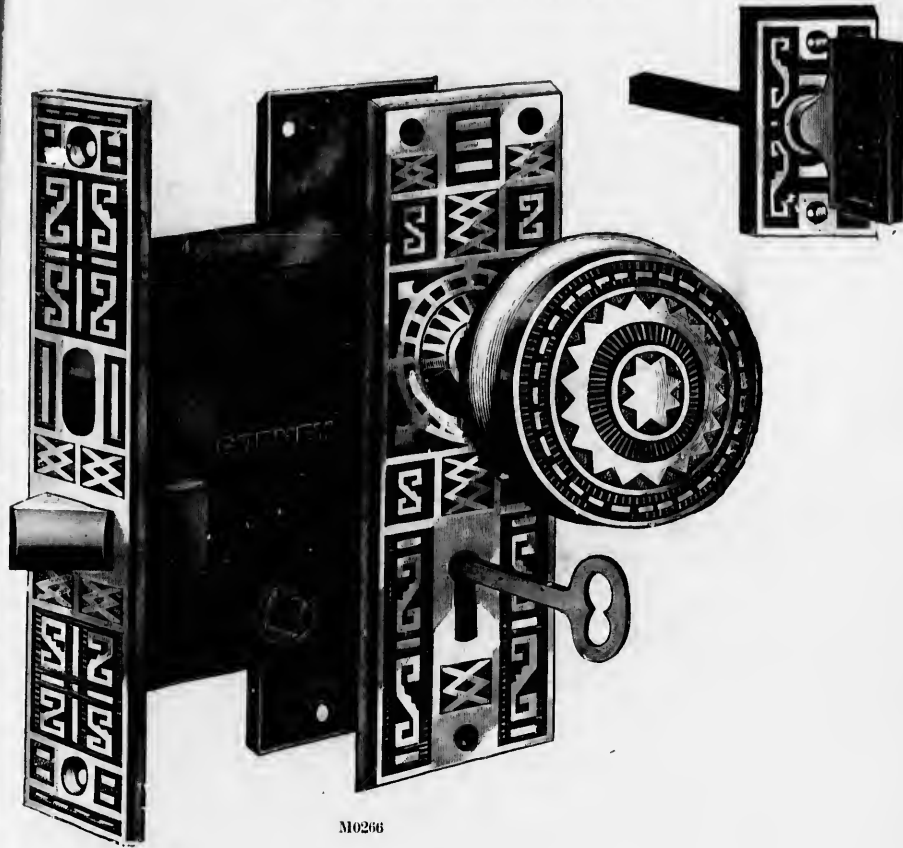
No.  
M0227  
M00227

Lock.  
227  
227

No.  
M0266  
M00266

No.  
M0267  
M00267

VESTIBULE LATCH MORTISE SETS



M0266

ORNAMENTAL IMITATION BRONZED.

No.	Latch.	Size.	Knob.	Escutcheon.	Escutcheon.	Per set.
M0266	266	3½ x 3½	302 x 2½	82	82	\$2.55
M00266	266	3½ x 3½	302 x 2½	82	22	2.35

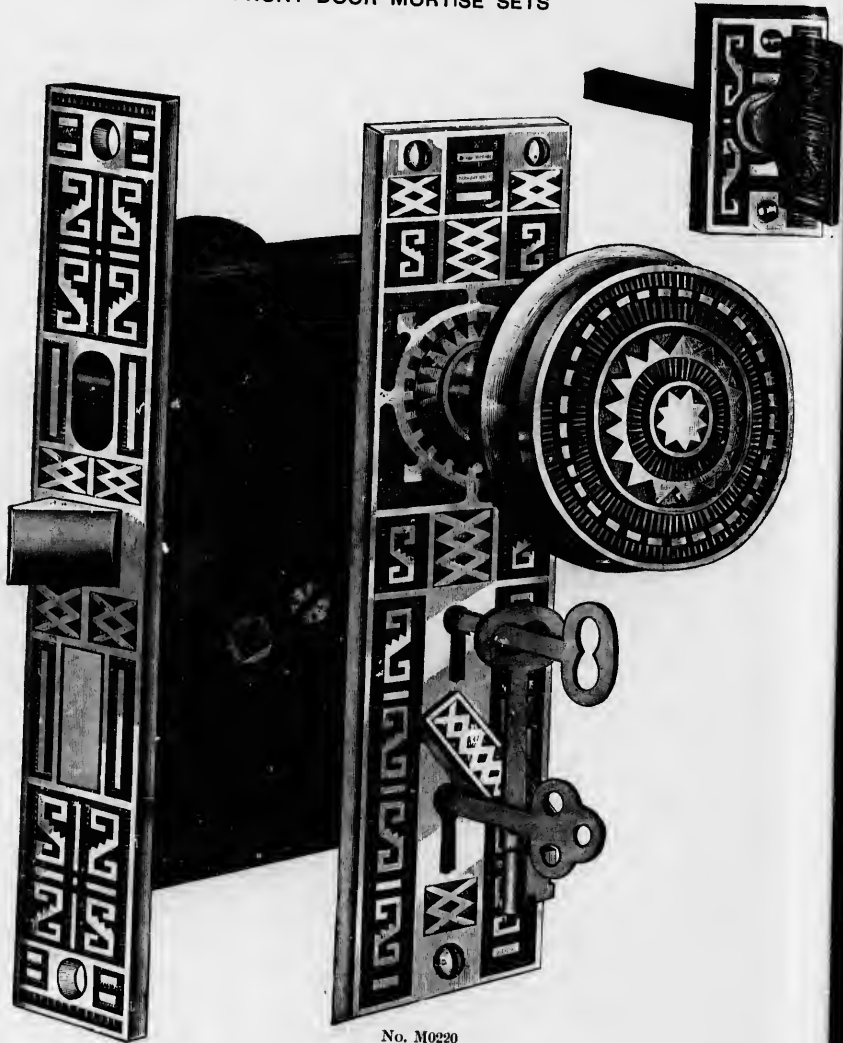
ORNAMENTAL GENEVA BRONZED.

M0267	267	3½ x 3½	303 x 2½	83	83	2.50
M00267	267	3½ x 3½	303 x 2½	83	21	2.35

Packed one set in a box, complete.

Per set  
\$3.30  
3.10  
3.50  
3.10

FRONT DOOR MORTISE SETS



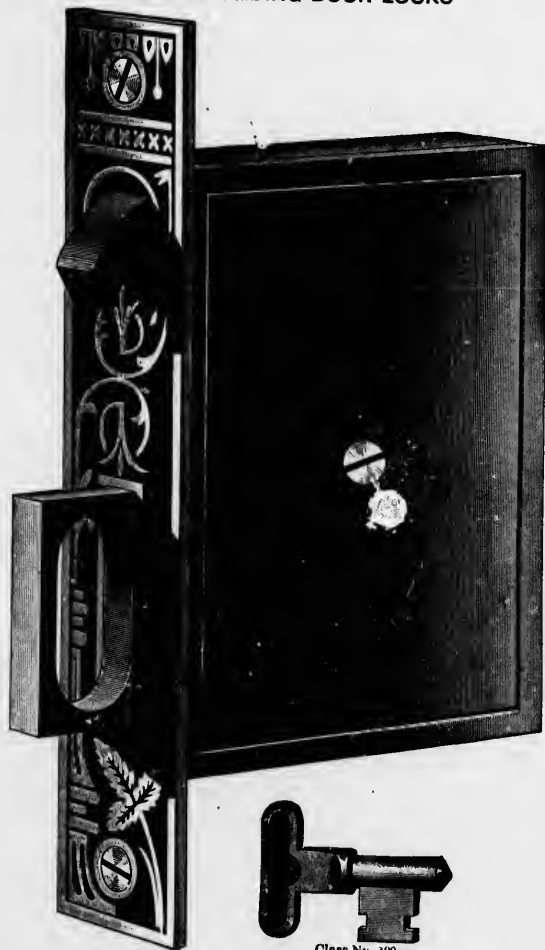
No. M0220

No.	Lock.	Size.	ORNAMENTAL BRONZE.		Escutcheon.	Escutcheon.	Per set.
			Knob.				
M0220	220	4 7/8 x 3 3/8	300, 2 1/4 x 2 1/4	90	27	\$4.46	
M00220	220	4 7/8 x 3 3/8	300, 2 1/4 x 2 1/4	230	27	4.35	
			ORNAMENTAL BRONZE, DARK ENAMELLED.				
M0223	223	4 7/8 x 3 3/8	301, 2 1/4 x 2 1/4	91	28	4.40	
M00223	223	4 7/8 x 3 3/8	301, 2 1/4 x 2 1/4	231	28	4.35	

Packed one set in a box, complete.

terboro' No. 2165  
 Gurney's No. M503  
 M504  
 M505  
 1165 M506  
 164 M500  
 166 M501  
 M502

MORTISE SLIDING DOOR LOCKS



No. M503

Class No. 190

FLAT FRONTS—FOR DOUBLE DOORS.

Terboro' No.	Gurney's No.	Size.	Description	Per dozen.
2165	M503	4½ x 3¾	Ornamental bronze fronts, bronze bolts, pulls and key, 4 ornamental bronze flush cup escutcheons No. 143	\$1.50
	M504	4½ x 3¾	Same description as No. M503, dark enamelled ground finish, 4 ornamental bronze flush cup escutcheons No. 144	4.50
	M505	4½ x 3¾	Ornamental imitation bronzed fronts, brass bolts, pulls and key, 4 ornamental imitation bronzed flush cup escutcheons No. 145	4.00
1165	M506	4½ x 3¾	Ornamental Geneva bronzed fronts, brass bolts, pulls and key, 4 ornamental Geneva bronzed flush cup escutcheons No. 146	4.00
164	M500	4½ x 3¾	Brass fronts, bolts and pulls, nickel-plated key, 4 brass flush cup escutcheons No. 140	4.00
166	M501	4½ x 3¾	Bronze fronts, bolts and pulls, nickel-plated key, 4 bronze flush cup escutcheons No. 142	4.50
	M502	4½ x 3¾	Nickel-plated fronts, bolts and pulls, nickel-plated key, with 4 nickel-plated flush cup escutcheons No. 141	6.00

Packed one set in a box, with screws.

For Box Striker see page 58.

Per set.  
\$4.45  
4.35  
4.45  
4.35

## STORE DOOR SETS



M606

LATCH ONLY.

## FLAT FRONT—DOUBLE HANDLES.

No.	Size.		Per set
M606	3 x 2 $\frac{3}{4}$	Ornamental bronze front and striking plate, anti-friction latch .....	\$5.50
M607	3 x 2 $\frac{3}{4}$	Ornamental bronze front and striking plate, dark enamelled ground finish, anti-friction latch .....	5.50
M608	3 x 2 $\frac{3}{4}$	Ornamental imitation bronzed front and striking plate, brass anti-friction latch .....	3.50
M609	3 x 2 $\frac{3}{4}$	Ornamental Geneva bronzed front and striking plate, brass anti-friction latch .....	3.50
M600	3 x 2 $\frac{3}{4}$	Plain brass front and striking plate, anti-friction latch .....	6.00
M601	3 x 2 $\frac{3}{4}$	Plain bronze front and striking plate, anti-friction latch .....	6.00
M602	3 x 2 $\frac{3}{4}$	Nickel-plated on brass front and striking plate, anti-friction latch .....	7.00

Packed one set in a box, with screws, complete.

For description of handle see page 64.

No.	Size.
M610	4 $\frac{1}{2}$ x 3
M611	4 $\frac{1}{2}$ x 3
M612	4 $\frac{1}{2}$ x 3
M613	4 $\frac{1}{2}$ x 3
M603	4 $\frac{1}{2}$ x 3
M604	4 $\frac{1}{2}$ x 3
M605	4 $\frac{1}{2}$ x 3

STORE DOOR SETS



Class No. 170

No. M610

LOCK AND LATCH.

FLAT FRONT—DOUBLE HANDLES.

Per set	.....\$5.30
Friction latch	5.30
.....	3.30
.....	3.30
.....	6.00
.....	6.00
.....	7.00

No.	Size.	Description	Per set
M610	4½ x 3	Ornamental bronze front and striking plate, heavy bronze bolt, anti-friction latch, 2 nickel-plated steel keys, 3 steel tumblers, 72 changes	\$7.50
M611	4½ x 3	Ornamental bronze front and striking plate, dark enamelled ground finish, description as No. M610	7.50
M612	4½ x 3	Imitation bronzed, brass bolts, description as No. M610	5.50
M613	4½ x 3	Geneva bronzed, brass bolts, description as No. M610	5.50
M603	4½ x 3	Plain brass front, bolt and striking plate anti-friction latch, 2 nickel-plated steel keys, 3 steel tumblers, 72 changes	8.00
M601	4½ x 3	Plain bronze front, bolt and striking plate, same description as No. M603	8.00
M605	4½ x 3	Nickel-plated on brass front and striking plate, same description as No. M603	9.00

Packed one set in a box, with screws complete.

For description of handles see page 64.

## STORE DOOR SETS



No. M614

LATCH ONLY.

## RABBETED FRONT—DOUBLE HANDLES.

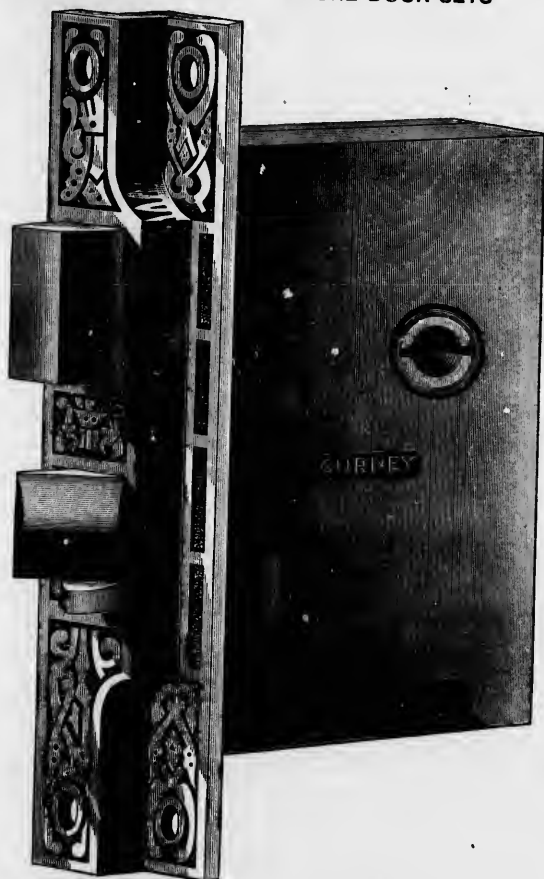
No.	Size.		Per set
M614	3 x 2 $\frac{3}{4}$	Plain brass front and striking plate, anti-friction latch .....	\$8.50
M615	3 x 2 $\frac{3}{4}$	Plain bronze front and striking plate, anti-friction latch .....	6.50
M616	3 x 2 $\frac{3}{4}$	Nickel-plated on brass front and striking plate, anti-friction latch .....	7.50
M620	3 x 2 $\frac{3}{4}$	Ornamental bronze front and striking plate, anti-friction latch .....	6.00
M621	3 x 2 $\frac{3}{4}$	Ornamental bronze front and striking plate' dark enamel ground finish, anti-friction latch....	6.00
M622	3 x 2 $\frac{3}{4}$	Ornamental imitation bronze front and striking plate, brass anti-friction latch .....	4.00
M623	3 x 2 $\frac{3}{4}$	Ornamental Geneva bronze front and striking plate, brass anti-friction latch .....	4.00

Packed one set in a box, with screws, complete.

For description of handles see page 64.

No.	Size.
M624	4 $\frac{1}{2}$ x 8
M625	4 $\frac{1}{2}$ x 3
M626	4 $\frac{1}{2}$ x 3
M627	4 $\frac{1}{2}$ x 3
M617	4 $\frac{1}{2}$ x 3
M618	4 $\frac{1}{2}$ x 3
M619	4 $\frac{1}{2}$ x 3

STORE DOOR SETS



Class No. 170

No. M624

LOCK AND LATCH.

FABBETED FRONTS—DOUBLE HANDLES.

Per set  
\$8.50

6.30  
7.30  
6.00  
6.00  
4.00  
4.00

No.	Size.	Description	Per set.
M624	4½ x 3	Ornamental bronze front and striking plate, heavy bronze bolt, anti-friction latch, 2 nickel-plated steel keys, 3 steel tumblers, 72 changes	\$ 9.00
M625	4½ x 3	Ornamental bronze front and striking plate, dark enameled ground finish, same description as No. M624	9.00
M626	4½ x 3	Ornamental imitation bronze, brass bolts, same description as No. M624	6.50
M627	4½ x 3	Ornamental Geneva bronze, brass bolts, same description as No. M624	6.50
M617	4½ x 3	Plain brass front and striking plate, heavy brass bolt, anti-friction latch, 2 nickel-plated steel keys, 3 steel tumblers, 72 changes	5.00
M618	4½ x 3	Plain bronze front and striking plate, heavy bronze bolts, same description as No. M617	9.00
M619	4½ x 3	Nickel-plated on brass, same description as No. M617	10.00

Packed one set in a box, with screws, complete.

For description of handles see page 64.



STORE DOOR HANDLES



CUTNISH HAMILTON

For Locks Nos. M603, 604, 605, 617, 618, 619. For Latches Nos. M600, 601, 602, 614, 615, 616.

Size for Latch, 10 x 2 inch.

Size for Lock, 12 x 2 inch.



For Locks Nos. M610, 611, 612, 613, 624, 625, 626, 627. For Latches Nos. M606, 607, 608, 609, 620, 621, 622, 623.

Size for Latch, 10 x 2 inch.

Size for Lock, 12 x 2 inch.



For Locks Nos. M610, 611, 612, 613, 624, 625, 626, 627. For Latches Nos. M606, 607, 608, 609, 620, 621, 622, 623.

Sizes for Latch, 10 x 2 inch. Size for Lock, 12 x 2 inch.



STORE DOOR SETS

LOCK AND LATCH.

No.		Per set.
800	No. 1 finish.....	\$18.50
801	No. 2 finish.....	18.50
802	No. 4 finish.....	20.00
803	No. 5 finish.....	20.00
804	No. 6 finish.....	26.00

LATCH ONLY.

No.		Per set.
805	No. 1 finish.....	\$17.50
806	No. 2 finish.....	17.50
807	No. 4 finish.....	19.00
808	No. 5 finish.....	19.00
809	No. 6 finish.....	25.00

Packed one set in a box, complete, with screws.

Cut reduced—Size 18½ x 3.



## STORE DOOR SETS

## LOCK AND LATCH.

No.		Per
820	No. 1 finish .....	8 1/2
821	No. 2 finish .....	8 1/2
822	No. 4 finish .....	9 1/2
823	No. 5 finish .....	9 1/2
824	No. 6 finish .....	10 1/2

Cut reduced, size  $16\frac{1}{2} \times 2\frac{3}{4}$ .

## LATCH ONLY.

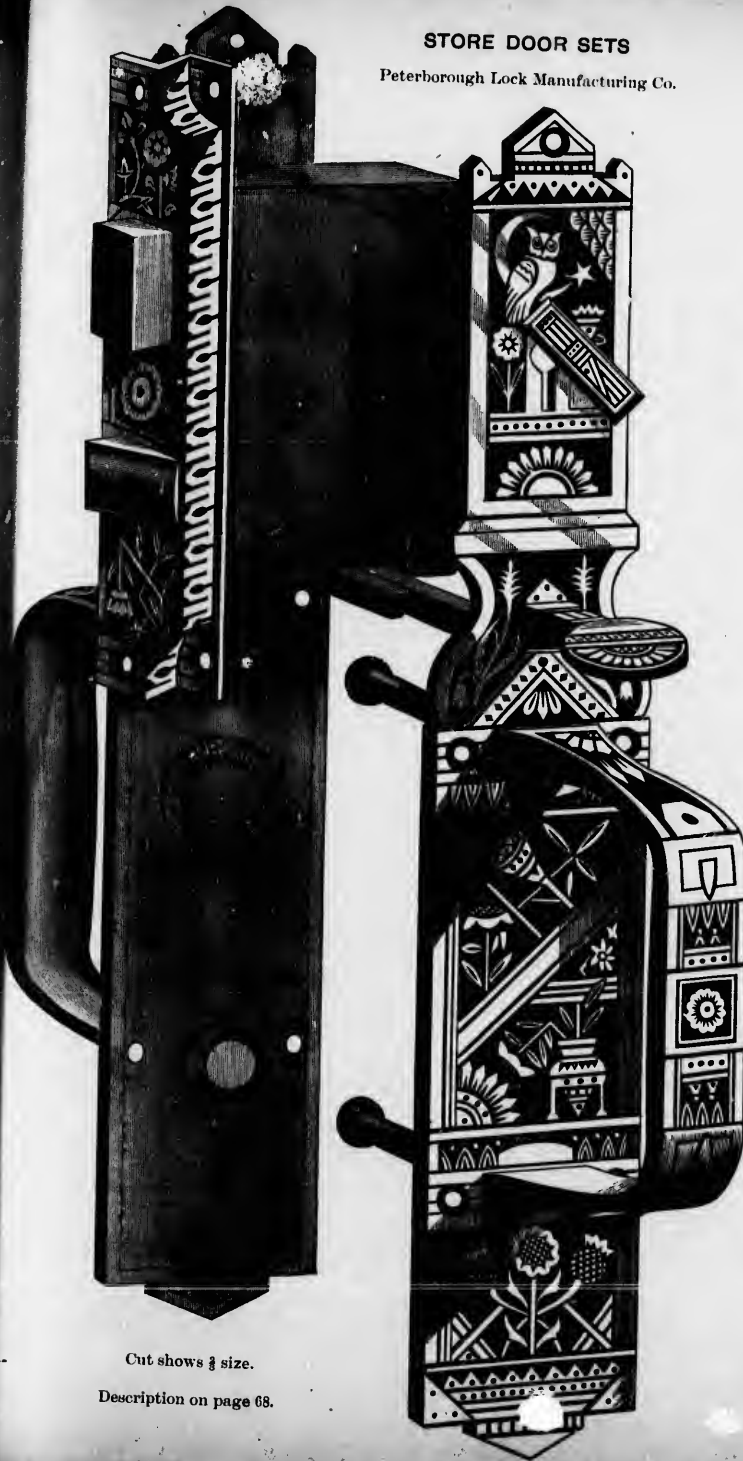
No.		Per
825	No. 1 finish .....	8 1/2
826	No. 2 finish .....	7 1/2
827	No. 4 finish .....	8 1/2
828	No. 5 finish .....	8 1/2
829	No. 6 finish .....	10 1/2

Size  $15\frac{1}{2} \times 2\frac{3}{4}$ .

Packed one set in a box, complete, with screws.

# STORE DOOR SETS

Peterborough Lock Manufacturing Co.



Class No. 60



Class No. 60

Cut shows 3/4 size.

Description on page 68.

SETS

CH.

Per

8 1/2

8

9

9 1/2

10

10 1/2

2 1/2

Per

8 1/2

7 1/2

8

8 1/2

9

10

, with screws.

## STORE DOOR HANDLES

## WITH MORTISE LATCH.

## FLAT FRONT.      DOUBLE HANDLE.

No. 2722—Real Bronze .....	Each \$1.00
No. 4722—Bronze-plated (No. 10 finish) .....	Each 30

## RABBETED FRONT.      DOUBLE HANDLE.

No. 2723—Real Bronze .....	Each 5.00
No. 4723—Bronze-plated (No. 10 finish) .....	Each 8.00

## Store Door Handles

## WITH MORTISE LOCK AND LATCH.

## FLAT FRONT.      DOUBLE HANDLE.

No. 2726—Real Bronze .....	Each \$7.00
No. 4727—Bronze-plated (No. 10 finish) .....	Each 3.00

## RABBETED FRONT.      DOUBLE HANDLE.

No. 2727—Real Bronze .....	Each 5.00
No. 4727—Bronze-plated (No. 10 finish) .....	Each 6.00

For cuts see page 67.

No.	Per d.
140	\$0.00
141	7.00
142	6.00
143	6.00
144	6.00
145	4.00
146	4.00

FLUSH CIJF ESCUTCHEONS



No. 143



No. 153

No.	Per doz.		No.	Per doz.
140	\$6.00	..... Highly polished brass .....	150	\$7.00
141	7.00	..... Nickel-plated .....	151	8.00
142	6.00	..... Highly polished bronze .....	152	7.00
143	6.00	..... Ornamental bronze .....	153	7.00
144	6.00	..... Ornamental bronze, dark enamelled ground finish .....	154	7.00
145	4.00	..... Ornamental imitation bronzed .....	155	4.60
146	4.00	..... Ornamental Geneva bronzed .....	156	4.50

..... Each \$4.9  
 ..... Each 3.6  
  
 ..... Each 5.4  
 ..... Each 9.3  
  
 ..... Each \$7.3  
 ..... Each 5.2  
  
 ..... Each 8.5  
 ..... Each 6.3

ROSE AND ESCUTCHEONS COMBINED



No. 440



No. 268

Peterboro' No.	Gurney's No.	Description	Per dozen.
589	440	Highly polished brass	\$4.20
599	441	Nickel-plated	4.70
579	442	Highly polished bronze	4.20
268		Ornaumental gold bronze	6.00
269		Ornaumental chocolate bronze	6.00
270		Ornaumental light bronze, dark enamelled ground finish	6.00
271		Ornaumental antique copper	6.75
272		Ornaumental antique brass	6.75
273		Ornaumental antique silver	8.00

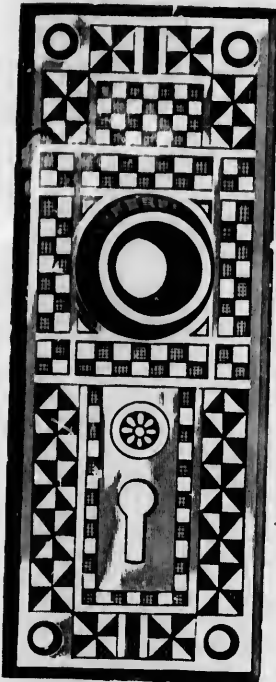
Suitable for 3, 3 1/2 and 4 inch Mortise Locks.

FOUR VESTIBULE

Peterboro' No.	Gurney's No.	Price
585 1/2	440	4.00
595 1/2	441	4.50
575 1/2	442	4.00
	268	6.00
	269	6.00
	270	6.00
	271	6.75
	272	6.75
	273	8.00

Combined roses and escutcheons

ROSE AND ESCUTCHEONS COMBINED



No. 44



No. 53

FOR VESTIBULE LATCHES.

Peterboro No.	Gurney's No.	Per doz.
585 $\frac{1}{2}$	40	\$4 20
595 $\frac{1}{2}$	41	4 70
575 $\frac{1}{2}$	42	4 20
.....	43	4 20
.....	44	4 20
.....	45	3 20
.....	46	3 20

FOR FRONT DOOR MORTISE LOCKS.

No.	Per doz.
50	\$7.00
51	8.00
52	7.00
53	6.00
54	6.00
55	3.50
56	3.50

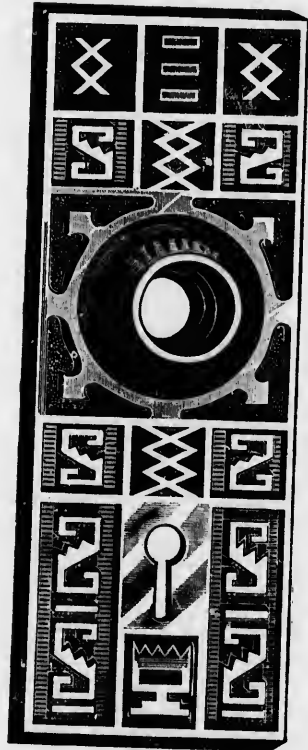
Knobs to match above are Nos. 313, 314, 315, 316.

Combined roses and escutcheons for 3 $\frac{1}{2}$  and 4 inch mortise locks are Nos. 440, 441, 442, 443, 444, 445, 446 (cut not shown)  
Same list as Nos. 40 to 46.

Per doz.  
.....  
0.60  
.....  
6.00  
.....  
6.75  
.....  
6.75  
.....  
8.00



ROSE AND ESCUTCHEONS COMBINED



No. 82



No. 92

FOR VESTIBULE LATCHES.

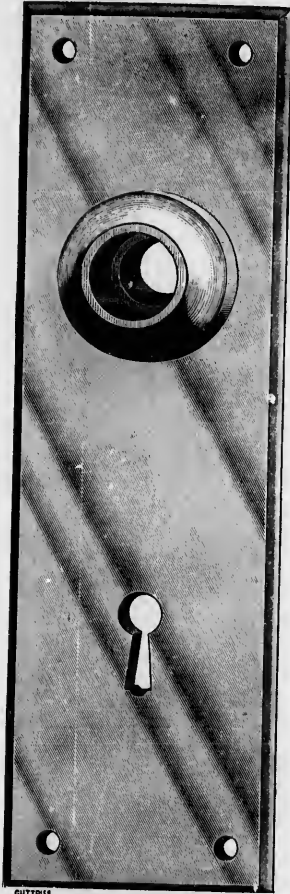
No.	Per doz.	
80	\$4.20	Ornamental bronze
81	4.20	Ornamental bronze, dark enamelled ground finish
82	3.20	Ornamental imitation bronzed
83	3.20	Ornamental Geneva bronzed

FOR FRONT DOOR MORTISE LOCKS

No.	Per doz.
90	\$6.00
91	6.00
92	4.00
93	4.00

Peterboro' No.	Gurney's No.
587	450
597	451
577	452

ROSE AND ESCUTCHEONS COMBINED



No. 450



No. 274

Peterboro' No.	Gurney's No.	Description	Per doz.
587	450	Highly polished brass	\$4.50
597	451	Nickel-plated	5.00
577	452	Highly polished bronze	4.50

No.	Description	Per doz.
274	Ornamental gold bronze	\$7.00
275	Ornamental chocolate bronze	7.00
276	Ornamental light bronze, dark enamelled ground finish	7.00
277	Ornamental antique copper	7.60
278	Ornamental antique brass	7.60
279	Ornamental antique silver	9.10

Suitable for 4 1/4 inch Mortise Locks.

MORTISE LOCKS  
Per doz.  
\$6.00  
4.00  
4.00

ROSE AND ESCUTCHEONS COMBINED



No. 280

Plain Escutcheons Nos. 40, 41, 42, page 71, suitable for Vestibule Latches.



No. 292

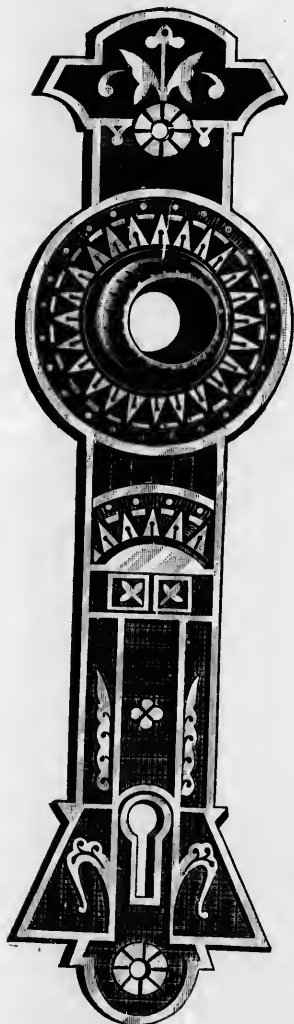
Plain Escutcheons Nos. 50, 51, 52, page 71, suitable for Front Door Mortise Locks. Nos. 300 to 305 same pattern as cut but larger.

Peterboro' No.	No.	Per dozen.		No.	Per dozen.
2779	280	\$7.00	..... Ornamental gold bronze.....	292	\$8.00
	281	7.00	..... Ornamental chocolate bronze.....	293	8.00
	282	7.00	..... Ornamental light bronze, dark enamelled ground finish.....	294	8.00
	283	7.70	..... Ornamental antique copper.....	295	8.80
	284	7.70	..... Ornamental antique brass.....	296	8.80
	285	9.10	..... Ornamental antique silver.....	297	10.40

No. 2676—Real br  
No. 2576—Real br

ROSE AND ESCUTCHEONS COMBINED

Peterborough Lock Mfg. Co.



No. 2676—Full size cut.



No. 2576—Full size cut.

Plain Escutcheons Nos. 50, 51, 52, page 71, suitable for Front Door Mortise Locks. Nos. 300 to 305 same pattern as cut but larger.

No.	Per dozen.
292	\$8.00
293	8.00
294	8.00
295	8.80
296	8.80
297	10.40

No. 2676—Real bronze .....	Per dozen	\$6.00
No. 2576—Real bronze .....	Per dozen	6.00

Packed with screws to match.

**ROSE AND ESCUT HEON  
COMBINED**

Peterborough Lock Mfg. Co.



Full size cut of No. 2577

No. 2577—Real bronze.  
Per dozen, \$5.00  
Packed with screws to match.

**ESCUTCHEONS**

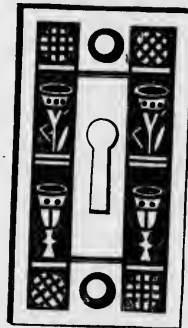
Peterborough Lock Mfg. Co.



Nos. 2682  
3682  
4682



Nos. 2691  
3691  
4691



Nos. 2582  
3582  
4582



Nos. 2581  
3581  
4581

**APPLEWOOD AND OAK ESCUTCHEONS.**



No. 65



No. 66

Nos. 65 or 66  
Polished Oak.....Per dozen, \$0.40  
Polished Apple Wood.....Per dozen, \$0.40

For prices, etc., see page 78.



Nos. 7, 8, 9



Nos. 21 to 24



Nos. 210 to

ESCUTCHEONS



Nos. 7, 8, 8 1/2



Nos. 200 to 204



Nos. 205 to 208



Nos. 15 1/2 to 18 1/2



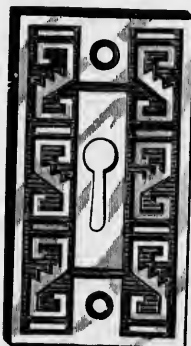
Nos. 9, 10



Nos. 21 to 24



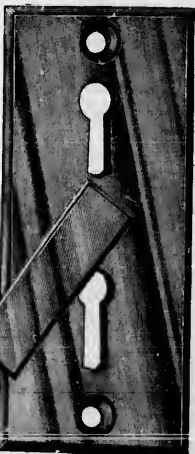
Nos. 250 to 255



Nos. 25 to 28



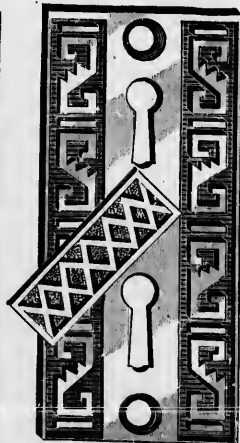
Nos. 256 to 261



Nos. 210 to 212



Nos. 262 to 267



Nos. 230 to 233



Nos. 220 to 223

For prices see page 78.

Co.



Nos. 2681  
3081  
4681



Nos. 2581  
3581  
4581

ONS.



No. 68

zen, \$0.40  
zen, \$0.40

## ESCUTCHEONS

For illustrations see pages 76 and 77.

## PLAIN BRASS.

No. ....	7	200	210
Per doz .....	\$0.40	\$0.70	\$5.00

## PLAIN BRONZE.

No. ....	8	201	211
Per doz .....	\$0.90	\$0.70	\$5.00

## NICKEL-PLATED.

No. ....	8	202	212
Per doz .....	\$0.65	\$0.80	\$5.50

## ORNAMENTAL BRONZE.

No. ....	205	15½	9	23	27	250
Per doz.	\$0.70	\$0.70	\$0.70	\$0.80	\$1.20	\$1.80
No. ....	256	262	230	220		
Per doz. ....	\$2.00	\$4.50	\$4.50	\$4.20		

ORNAMENTAL BRONZE, DARK ENAMELLED  
GROUND FINISH.

No. ....	206	16½	24	28	252	258
Per doz.	\$0.70	\$0.70	\$0.80	\$1.20	\$1.80	\$2.00

## ORNAMENTAL CHOCOLATE BRONZE.

No. ....	251	257	263
Per doz. ....	\$1.80	\$2.00	\$4.50

No. 2581—Real bronze. ....	Per dozen	\$2.00
No. 3581—Berlin bronze. ....	Per dozen	1.00
No. 4581—Bronze plated. ....	Per dozen	1.30
No. 2681—Real bronze. ....	Per dozen	2.00
No. 3681—Berlin bronze. ....	Per dozen	1.00
No. 4681—Bronze plated. ....	Per dozen	1.30

## ORNAMENTAL ANTIQUE SILVER.

No. ....	255	261	267
Per doz .....	\$2.60	\$2.75	\$5.35

## ORNAMENTAL ANTIQUE BRASS.

No. ....	254	260	268
Per doz .....	\$2.00	\$2.25	\$5.00

## ORNAMENTAL ANTIQUE COPPER.

No. ....	253	259	265
Per doz .....	\$2.00	\$2.25	\$5.00

## BRONZE PLATED (imitation).

No. ....	207	232	222	17½	22	26
Per doz.	\$0.50	\$3.50	\$3.20	\$0.50	\$0.60	\$0.90

## BERLIN BRONZE.

No. ....	231	221	10
Per doz .....	\$4.50	\$4.20	\$0.70

## ORNAMENTAL GENEVA BRONZED.

No. ....	208	18½	21	25	233	233
Per doz.	\$0.50	\$0.50	\$0.60	\$0.60	\$3.50	\$3.20

No. 2582—Real bronze. ....	Per dozen	\$1.30
No. 3582—Berlin bronze. ....	Per dozen	0.60
No. 4582—Bronze plated. ....	Per dozen	0.90
No. 2682—Real bronze. ....	Per dozen	1.30
No. 3682—Berlin bronze. ....	Per dozen	0.60
No. 4682—Bronze plated. ....	Per dozen	0.90

## DESCRIPTION OF FINISHES

## GENUINE BRONZE.

- No. 1—Gold bronze.  
 No. 2—Chocolate bronze.  
 No. 3—Light bronze, dark enamelled ground finish.  
 No. 4—Antique copper.  
 No. 5—Antique brass.  
 No. 6—Antique silver.

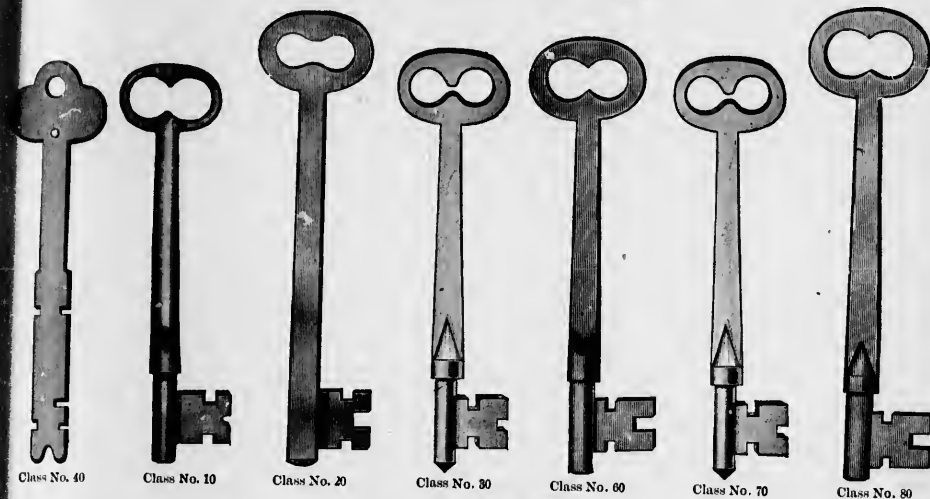
## IRON.

- No. 7—Berlin bronze.  
 No. 8—Grant bronze (dark background and copper surface).  
 No. 9—Bronze plated (imitation) Tuscan bronze.  
 No. 10—Bronze plated (Geneva dark background and bronze surface).

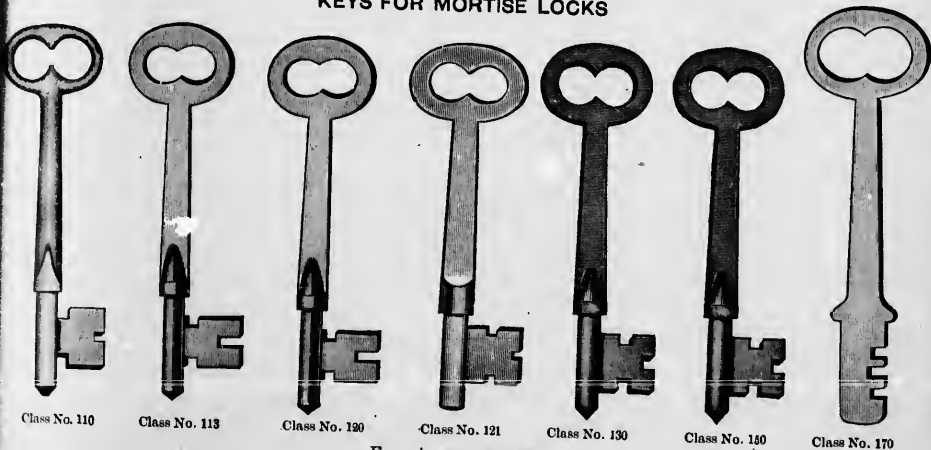
Class No. 40

Class No. 110

KEYS FOR RIM LOCKS AND LATCHES



KEYS FOR MORTISE LOCKS



For prices see page 80.

SILVER,  
55 .. 261 .. 267  
60 .. \$2.75 .. \$3.35

BRASS,  
54 .. 260 .. 268  
60 .. \$2.25 .. \$3.00

COPPER,  
3 .. 259 .. 265  
60 .. \$2.25 .. \$3.00

ion),  
2 .. 22 .. 28  
0 .. \$0.60 .. \$0.90

1 .. 221 .. 10  
0 .. \$1.20 .. \$0.70

ONZED,  
.. 233 .. 223  
.. \$3.50 .. \$3.20

Per dozen \$1.30  
Per dozen 0.60  
Per dozen 0.90  
Per dozen 1.30  
Per dozen 0.60  
Per dozen 0.90

nd and copper  
an bronze.  
background and



**KEYS FOR RIM LOCKS**

Peterboro' No.	Gurney's No.	Description	Per doz
00	40	Steel nickel-plated for latches 30, 31, 32, 33	\$1.00
15	10	Bronzed iron for locks 36, 40a	.25
10	11	Tinned " " 36a, 41a	.25
..	12	Malleable tinned for locks 37, 42	.25
..	13	Steel nickel-plated for locks 38, 39, 43, 44	.20
14	20	Flat steel for locks 60, 61, 200, 201	1.40
..	21	" nickel-plated for lock 60½	1.20
26	30	Steel nickel-plated for locks 660, 661	1.20
..	31	Malleable tinned for lock 660½	1.40
25	60	Malleable tinned for locks 770, 1110, 2200½, 2220½	.50
27	70	Steel nickel-plated for locks 771, 772, 880, 881, 1000, 1001, 1002, 1003, 1100, 1101, 1111, 1112, 1160, 1161, 1170, 1172, 1190, 1192, 2200, 2261, 2220, 2222	.50
51	80	Steel nickel-plated for locks 1120, 1121, 1130, 1131, 1140, 1143, 2230, 2231	1.10
50	90	Malleable tinned for locks 1120½, 1130½, 1136, 1140, 2230½	1.80
46	100	Steel nickel-plated folding key for locks 440, 441, 450, 451, 460, 461	3.70

**KEYS FOR MORTISE LOCKS**

35	110	Tinned iron for locks 900, 1000	.22
..	111	Bronzed " " 901, 1001	.22
..	112	Tinned malleable for locks 902, 1002	.20
..	113	Steel nickel-plated for locks 903 to 919, inclusive, 1003, 1004, 1006, 1007, 1008, 1009	1.40
..	121	Malleable tinned for lock 1110½	.20
..	120	Steel nickel-plated for locks 1110 to 1119 inclusive	1.40
37	130	Steel nickel-plated for locks 1132, 1135, 1138, 1141, 1144, 1145, 1146, 1149, 1152, 1153, 1163, 1166, 1200 to 1213 inclusive, 1250 to 1259 inclusive, 1260, 1261	1.40
..	150	Steel nickel-plated night latch key for all vestibule and front door mortise locks with night works	1.80
471	170	Steel nickel-plated for locks 603, 604, 605, 610, 611, 612, 613, 617, 618, 619, 624, 625, 626, 627	1.80

For cuts see page 79.

**KEYS FOR CARPENTER'S PATTERN WROUGHT IRON LOCKS**



Inch	5	6	7	8	9	10
Per dozen	\$1.50	\$1.50	\$1.90	\$2.65	\$3.00	\$3.50

**BLANKS.**

Inch	5	6	7	8	9
Per dozen	\$1.35	\$1.35	\$1.50	\$1.95	\$2.80

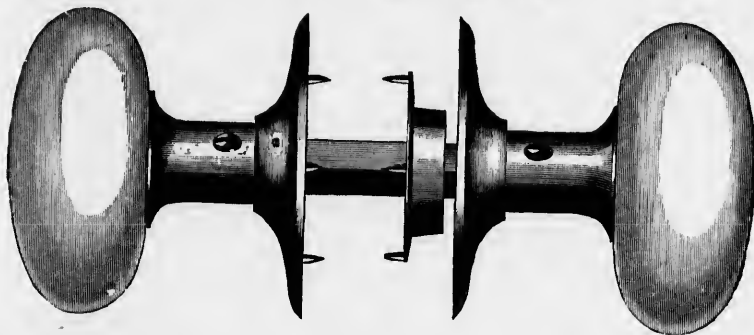
Rim, Japanned Mortise, Japanned

Rim, Japanned Mortise, Japanned

Rim, Japanned Mortise, Japanned

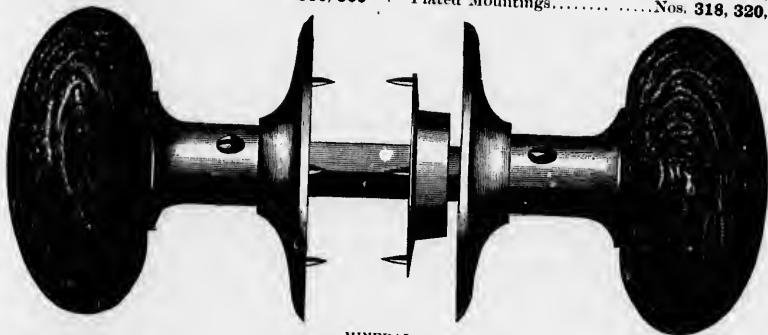
DOOR KNOBS

For prices and full description see page 85.



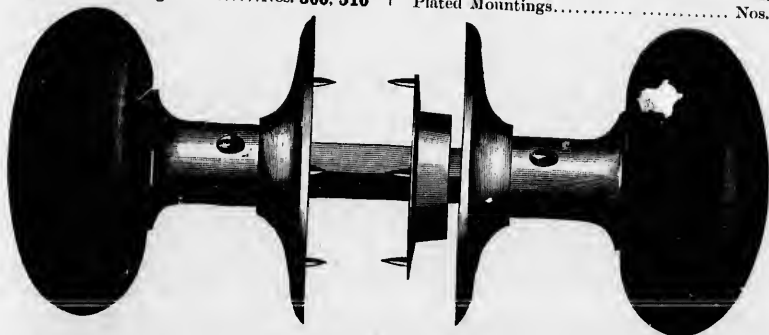
PORCELAIN.

Rim, Japanned Mountings.....	Nos. 307, 500	Plated Mountings.....	Nos. 319, 321, 600, 680
Mortise, Japanned Mountings.....	Nos. 306, 500	Plated Mountings.....	Nos. 318, 320, 600, 680



MINERAL.

Rim, Japanned Mountings.....	Nos. 301, 510	Plated Mountings.....	Nos. 335, 620
Mortise, Japanned Mountings.....	Nos. 300, 510	Plated Mountings.....	Nos. 334, 620

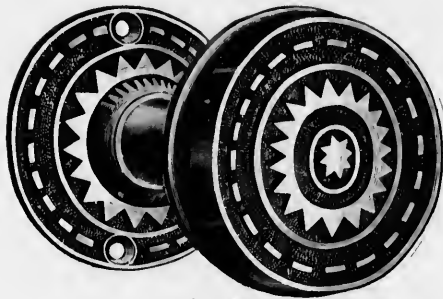


JET.

Rim, Japanned Mountings.....	Nos. 337, 710½	Plated Mountings.....	Nos. 360, 341, 610, 690
Mortise, Japanned Mountings.....	Nos. 336, 710½	Plated Mountings.....	Nos. 338, 340, 610, 690

Per doz  
 ..... 81 00  
 ..... 25  
 ..... 33  
 ..... 50  
 ..... 1 40  
 ..... 1 20  
 ..... 1 20  
 ..... 1 40  
 ..... 50  
 ..... 50  
 1111, 1112  
 ..... 1 40  
 ..... 1 80  
 ..... 60  
 ..... 3 50  
 ..... 22  
 ..... 22  
 ..... 50  
 ..... 1 40  
 ..... 50  
 ..... 1 40  
 153, 1163,  
 ..... 1 40  
 ecks with  
 ..... 1 80  
 326, 627.. 1 80  
 ..... 10  
 0 ..... 83 50

## DOOR KNOBS



No. 300

Peter- boro' No.	Gurney's No.		Per doz. pairs
2810	300	Ornamental bronze	2½ 2½
2510			\$15.00 \$17.00
	301	Ornamental bronze, dark enamel- led ground finish	15.00 17.00
	302	Ornamental imitation bronzed	7.00
4810	303	Ornamental Geneva bronzed	7.00
	304	Ornamental Grant bronzed	4.50
3810	305	Ornamental Berlin bronzed	4.50

Combined Rose and Escutcheons to match are Nos. 81, 82, 83, 90, 91, 92, 93.

Keyhole Escutcheons to match are Nos. 21, 22, 23, 26.

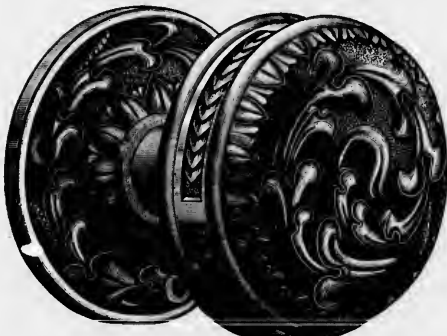


No. 313

Peter- boro' No.	Gurney's No.		Per doz. pairs
2600	313	Ornamental bronze	2½ 2½
2500			\$12.00 \$11.00
2800	314	Ornamental bronze, dark enamel- led ground finish	12.00 14.00
4800	315	Ornamental imitation bronzed	6.00
4500	316	Ornamental Geneva bronzed	6.00
6500	317	Ornamental Grant bronzed	4.00
3500	318	Ornamental Berlin bronzed	4.00
5500	319	Nickel-plated	6.00

Combined Rose and Escutcheons to match are Nos. 44, 45, 46, 53, 54, 55, 56.

Keyhole Escutcheons to match are Nos. 15, 16.

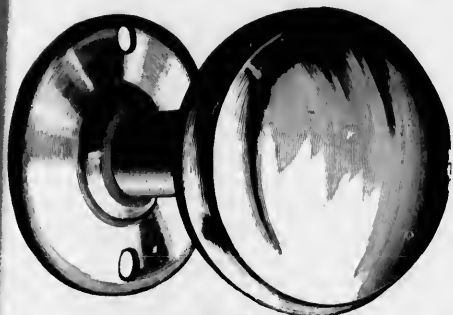


No. 325

Peter- boro' No.	Gurney's No.		Per doz. pairs
2710	325	Ornamental bronze, No. 1 finish	2½ 2½
			\$17.00 \$19.00
	326	Ornamental bronze, No. 2 finish	17.00 19.00
	327	Ornamental bronze, No. 3 finish	17.00 19.00
	328	Ornamental bronze, No. 4 finish	19.00 21.00
	329	Ornamental bronze, No. 5 finish	19.00 21.00
329½	Ornamental bronze, No. 6 finish	22.10 24.00	

Half dozen pairs in a box, with screws.

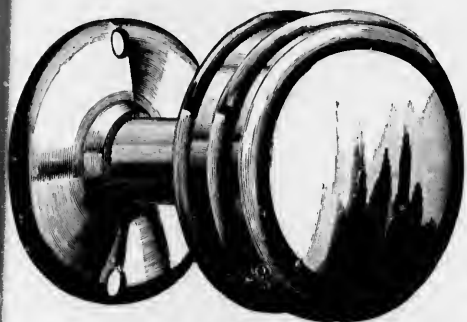
DOOR KNOBS



No. 330

SINGLE BEAD.

Peterboro' No.	Gurney's No.		Per doz. pairs.	
			2¼	2½
533	330	Plain brass	\$12.00	\$15.00
2534	331	Nickel-plated	13.00	16.00
2533	340	Plain bronze	12.00	15.00

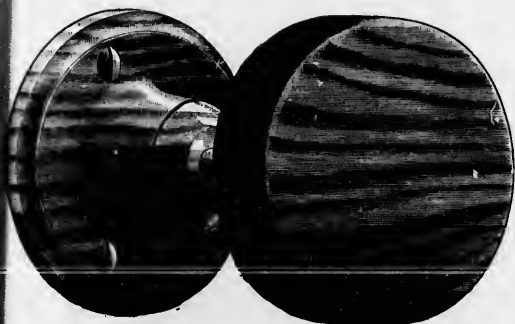


No. 350

DOUBLE BEAD.

Peterboro' No.	Gurney's No.		Per doz. pairs.	
			2¼	2½
520	350	Plain brass	16.00	18.00
....	351	Nickel-plated	18.00	20.00
2520	360	Plain bronze	16.00	18.00

WOOD DOOR KNOBS



Full size cut of No. 230.

MORTISE.

Made from selected timber.

9-16 inch, Bronzed Metal Capped Shanks, with Bronzed Screws. 5-16 inch Spindles.

OAK.

No. 230, 2¼ in. all wood roses. Per dozen \$4.50  
 No. 233, 2¼ in. ornamental cast bronze metal roses..... Per dozen 5.75

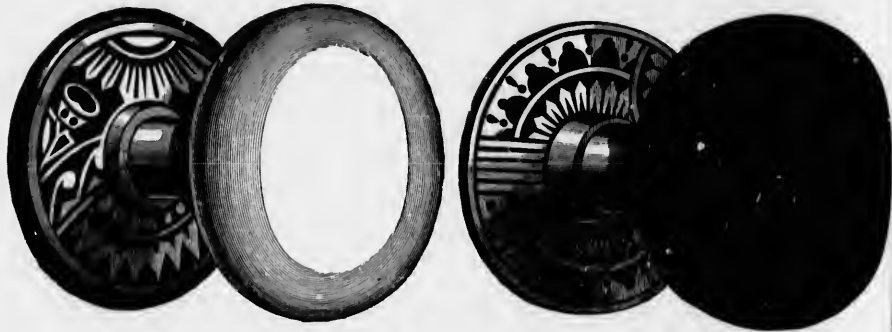
APPLE WOOD.

No. 230, 2¼ in. all wood roses. Per dozen 4.50  
 No. 233, 2¼ in. ornamental cast bronze metal roses..... Per dozen 5.75

Half dozen pairs in a box, with screws.

DOOR KNOBS

For prices and full description see page 85.



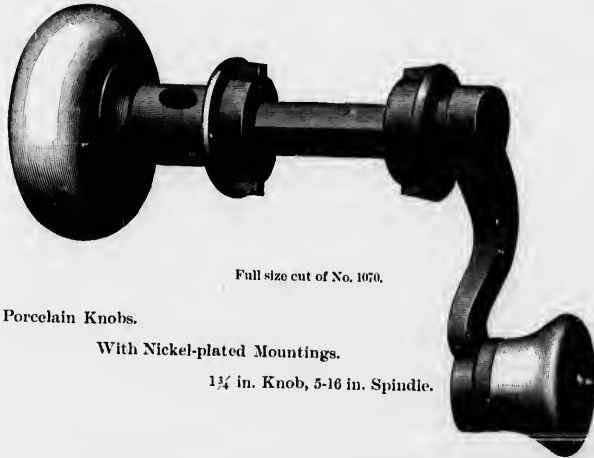
Nos. 2506, 2507, 3506, 3507, 4506, 4507.

Nos. 2504, 2505, 3504, 3505, 4504, 4505.

Nos. 1000, 800, 805.

Nos. 1010, 810, 815.

French Window Mortise Crank Handle Knobs



Full size cut of No. 1070.

Porcelain Knobs.

With Nickel-plated Mountings.

1 1/4 in. Knob, 5-16 in. Spindle.

No. 1070—Porcelain knobs, nickel-plated crank handle ..... Per dozen \$13.00

Peterboro No.	Price
307	500
300	500
307	500
300	500
301	51
300	51
337	71
338	71
319	604
318	604
339	610
338	610
335	620
334	620
321	680
320	680
341	690
340	690
700	700
710	710
710	710
3507	800
3508	800
3505	810
3504	810
1507	805
1506	805
1505	815
1504	815
820	820
820	820
2507	1000
2508	1000
2505	1010
2504	1010
500	500
510	510
550	550
700	700
710 1/2	710 1/2

DOOR KNOBS

See pages 81, 82, 83 and 84 for cuts.

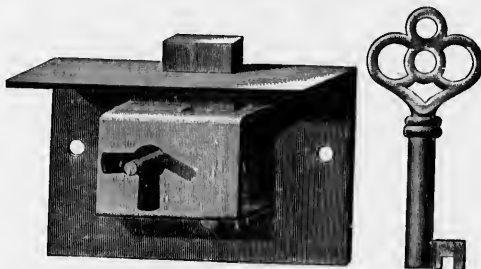
RIM AND MORTISE DOOR KNOBS.

Peterhuru No.	Gurney's No.	Size.		Per dozen.
1st- 307	500 No. 1	2 1/4 in. Rim	Porcelain knobs, japanned mountings, plain or ornamental roses	\$6.90
1st- 306	500 No. 1	" Mortise	Porcelain knobs, japanned mountings, plain or ornamental roses	0.90
2nd- 307	500 No. 2	" Rim	Porcelain knobs, japanned mountings, plain or ornamental roses	0.72
" 306	500 No. 2	" Mortise	Porcelain knobs, japanned mountings, plain or ornamental roses	0.72
301	510	" Rim	Mineral knobs, japanned mountings	0.90
300	510	" Mortise	Mineral knobs, japanned mountings	0.90
337	710 1/2	" Rim	Jet knobs, Japanned mountings	0.90
336	710 1/2	" Mortise	Jet knobs, Japanned mountings	0.90
	0600	" Rim	Porcelain knobs, nickel-plated on iron necks and ornamental roses	1.90
	0600	" Mortise	Porcelain knobs, nickel-plated on iron necks and ornamental roses	1.90
	0610	" Rim	Jet knobs, nickel-plated on iron necks and ornamental roses	1.90
	0610	" Mortise	Jet knobs, nickel-plated on iron necks and ornamental roses	1.90
	0620	" Rim	Mineral knobs, nickel-plated on iron necks and ornamental roses	1.90
	0620	" Mortise	Mineral knobs, nickel-plated on iron necks and ornamental roses	1.90
319	600	" Rim	Porcelain knobs, nickel-plated on iron necks and brass roses	1.90
318	600	" Mortise	Porcelain knobs, nickel-plated on iron necks and brass roses	1.90
330	610	" Rim	Jet knobs, nickel-plated on iron necks and brass roses	1.90
338	610	" Mortise	Jet knobs, nickel-plated on iron necks and brass roses	1.90
335	620	" Rim	Mineral knobs, nickel-plated on iron necks and brass roses	1.90
334	620	" Mortise	Mineral knobs, nickel-plated on iron necks and brass roses	1.90
321	680	" Rim	Porcelain knobs, nickel-plated on brass necks and brass roses	2.65
320	680	" Mortise	Porcelain knobs, nickel-plated on brass necks and brass roses	2.65
341	690	" Rim	Jet knobs, nickel-plated on brass necks and brass roses	2.65
340	690	" Mortise	Jet knobs, nickel-plated on brass necks and brass roses	2.65
	700	" Rim	Porcelain knobs, silver-plated on brass necks and brass roses	2.95
	700	" Mortise	Porcelain knobs, silver-plated on brass necks and brass roses	2.95
	710	" Rim	Jet knobs, silver-plated on brass necks and brass roses	2.95
	710	" Mortise	Jet knobs, silver-plated on brass necks and brass roses	2.95
3507	800	" Rim	Porcelain knobs, Berlin bronzed necks, ornamental roses	1.55
3506	800	" Mortise	Porcelain knobs, Berlin bronzed necks, ornamental roses	1.55
3505	810	" Rim	Jet knobs, Berlin bronzed necks, ornamental roses	1.55
3504	810	" Mortise	Jet knobs, Berlin bronzed necks, ornamental roses	1.55
4507	805	" Rim	Porcelain knobs, bronze-plated on iron necks and ornamental roses	1.90
4500	805	" Mortise	Porcelain knobs, bronze-plated on iron necks and ornamental roses	1.90
4505	815	" Rim	Jet knobs, bronze-plated on iron necks and ornamental roses	1.90
4504	815	" Mortise	Jet knobs, bronze-plated on iron necks and ornamental roses	1.90
	820	" Rim	Mineral knobs, bronze-plated on iron necks and ornamental roses	1.90
	820	" Mortise	Mineral knobs, bronze-plated on iron necks and ornamental roses	1.90
2507	1000	" Rim	Porcelain knobs, real bronze necks and ornamental roses	3.00
2506	1000	" Mortise	Porcelain knobs, real bronze necks and ornamental roses	3.00
2505	1010	" Rim	Jet knobs, real bronze necks and ornamental roses	3.00
2504	1010	" Mortise	Jet knobs, real bronze necks and ornamental roses	3.00

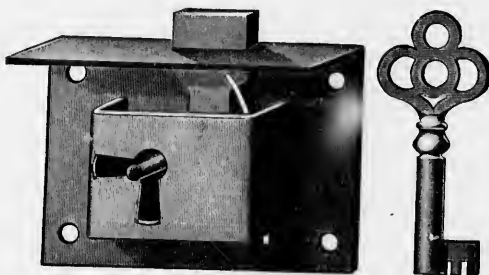
French Window Knobs

500	2 inch	Porcelain knobs, japanned mountings
510	"	Mineral knobs, japanned mountings
550	"	Porcelain knobs, japanned mountings
700	"	Porcelain knobs, plated mountings
710 1/2	"	Jet knobs, japanned mountings

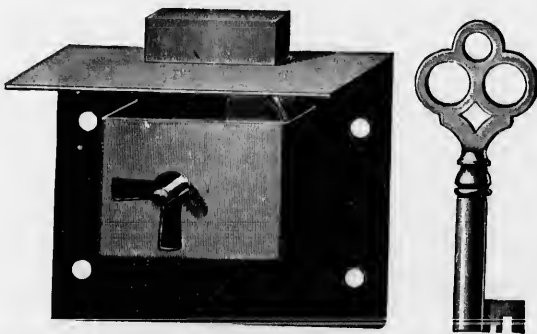
IRON DRAWER LOCKS



No. 72—2½ inch, IRON, back spring; ⅜ inch from seldge to key pin.  
 3 Keyed ..... Per dozen \$0.40 | 12 Keyed..... Per dozen \$0.66  
 Corresponding numbers, Yale R100. Corbin 626.  
 One dozen in a box.



No. 423—2½ inch, IRON, back spring; 1¼ inch from seldge to key pin.  
 3 Keyed..... Per dozen \$0.46 | 12 Keyed..... Per dozen \$0.72  
 Corresponding numbers, Yale R405. Corbin 625.  
 One dozen in a box.



No. 161—2½ inch, IRON, back spring; broad bolt; ⅜ inch from seldge to key pin.....12 Keyed, Per dozen \$1.15  
 Corresponding numbers, Yale R474. Corbin 634.



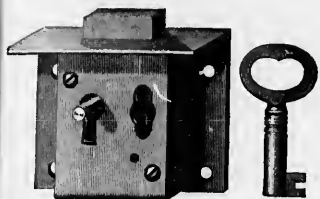
No. 503—1½ inch  
 screwed, 2 se  
 key pin.

Per dozen.....

Correspondin

No. 237—2½ inch, I  
 selved

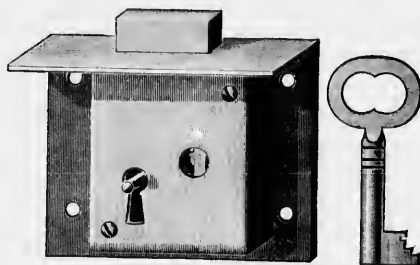
IRON DRAWER LOCKS



No. 563  $1\frac{1}{2}$  inch, IRON, square selvedge, solid square box, screwed, 2 secure levers,  $\frac{1}{4}$  inch from selvedge to key pin, fine flat bow keys, all different in a dozen.

Per dozen..... \$3.00

Corresponding numbers, Yale R100. Corbin 450.

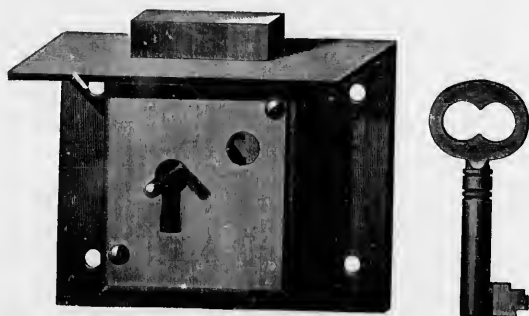


No. 1045 - 2 inch, IRON, square selvedge, solid square box, screwed, broad heavy bolt, 2 secure levers,  $\frac{3}{4}$  inch from selvedge to key pin, fine flat bow keys, all different in a dozen.

Per dozen..... \$3.00

Corresponding numbers, Yale R90. Corbin 440.

One dozen in a box.



No. 237 -  $2\frac{1}{2}$  inch, IRON, square selvedge, solid square box, screwed, broad heavy bolt, 3 secure levers,  $\frac{3}{4}$  inch from selvedge to key pin, fine flat bow keys, all different in a dozen..... Per dozen \$3.25

Corresponding numbers, Yale R108. Corbin 457.

One dozen in a box.

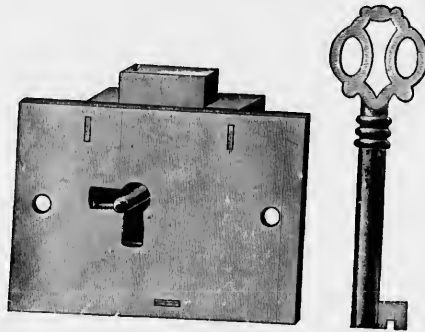
Per dozen \$0.66

Per dozen \$0.72

er dozen \$1.15



IRON DRAWER LOCKS



No. 447—Iron, back spring, solid square box,  $\frac{3}{4}$  inch from selvedge to key pin.  
 3 Keyed.....Per dozen \$0.40 | 12 Keyed .....Per dozen \$0.60  
 Corresponding numbers, Yale R486. Corbin 407.  
 One dozen in a box.

Brass Drawer Locks

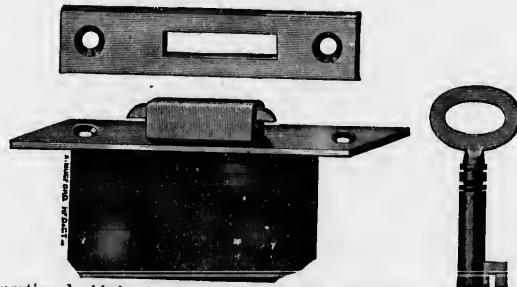


No. 46— $1\frac{1}{2}$  inch (brass), back spring,  $\frac{1}{8}$  inch from sel-  
 vedge to key pin.  
 Per dozen..... \$0.75  
 Corresponding numbers, Yale RA460. Corbin 0620.

No. 33— $1\frac{3}{4}$  inch (brass), back spring,  $\frac{3}{8}$  inch from sel-  
 vedge to key pin.  
 Per dozen..... \$0.95  
 Corresponding numbers, Yale RA461. Corbin 0621.

One dozen in a box.

Piano Locks

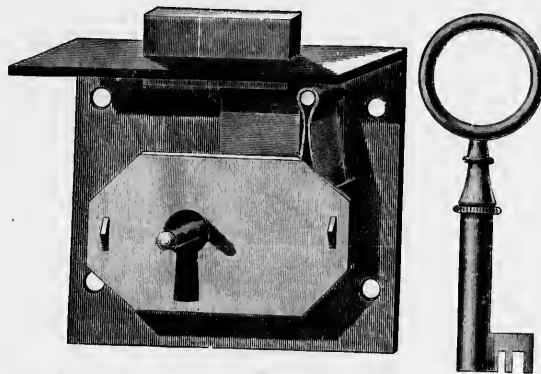


No. 197— $2\frac{1}{2}$  inch (brass), mortise, double hook bolt, fine flat bow keys,  $\frac{3}{8}$  inch from selvedge to key pin, Per dozen \$3.00  
 Corresponding numbers, Yale S300. Corbin 880.  
 One dozen in a box.

No. 1001N— $2\frac{1}{2}$  inch

No. 2011—3 inch, al-  
 dial,  
 chan-  
 $1\frac{1}{2}$  inch

IRON DRAWER LOCKS

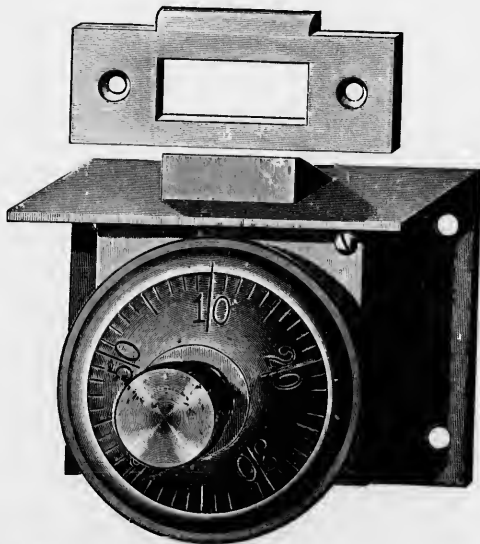


No. 1001N—2½ inch, IRON, square brass selvedge, broad heavy bolt, tumbler and ward, 1½ inch from selvedge to centre of keyhole ..... Per dozen \$2.00

Corresponding numbers, Yale R40. Corbin 421N.

One dozen in a box.

Brass Combination Drawer Locks



No. 2011—3 inch, all brass, square selvedge, heavy latch bolt, solid square box, screwed, nickel-plated knob and dial, 1¼ inch from selvedge to centre of knob. Capable of 1000 changes. Combination can be changed without removing lock. Adjustable to different thicknesses of wood from ¾ inch to 1½ inch..... Per dozen \$17.00

One in a box.

..Per dozen \$0.66



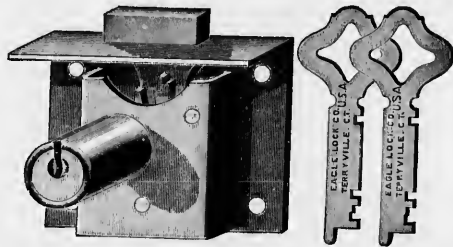
inch from sel.

..... \$0.66

Corbin 0621.

Per dozen \$3.00

IRON DRAWER LOCKS



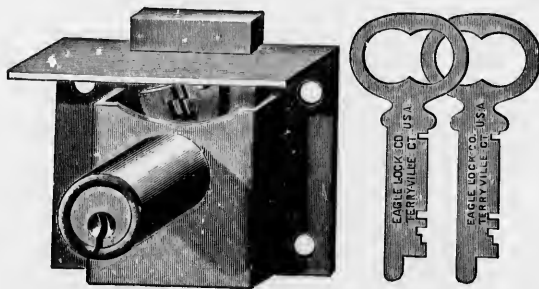
No. 6090—1½ inch (Iron), brass key cylinder, broad heavy bolt, 2 secure levers, ¾ inch from selvedge to centre of key cylinder, 2 nickel-plated flat steel keys each, all different in a dozen, made for ¾ inch wood.  
Per dozen.....

Corresponding numbers, Yale R205. Corbin 590.

One dozen in a box.

No. 01877 1½ inch  
key  
Per

Brass and Iron Drawer Locks



No. 01816—2 inch (all brass), broad bolt, 2 secure levers, ¾ inch from selvedge to centre of key cylinder, 2 nickel-plated flat steel keys each, all different in a dozen, made for ¾ inch wood.....Per dozen \$5.50

Corresponding numbers, Yale RA300. Corbin 0592½.

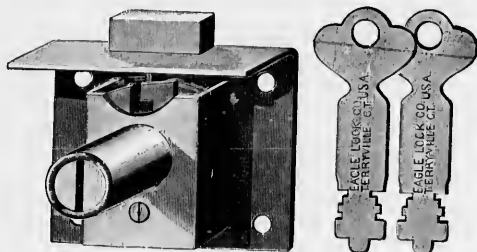
No. 1816—Iron plate and cap, otherwise as 01816.....Per dozen \$4.75

Corresponding numbers, Yale R300. Corbin 592½.

One dozen in a box.

No. 01848—1½ inch,  
flat ste  
Thes

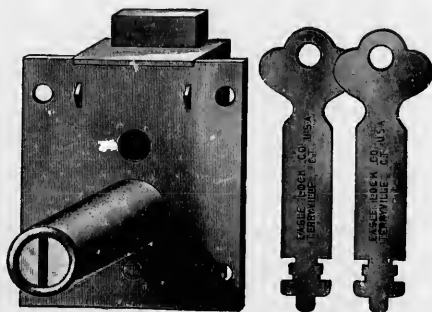
BRASS DRAWER LOCKS



No. 01877  $1\frac{1}{2}$  inch, all brass, buffed and lacquered, broad bolt, 2 secure levers,  $\frac{3}{8}$  inch from selvage to centre of key cylinder, 2 nickel-plated flat steel keys each, all different in a dozen, made for  $\frac{3}{4}$  inch wood. Per dozen..... \$5.00

Corresponding numbers, Yale RA300. Corbin 0695.

One dozen in a box.



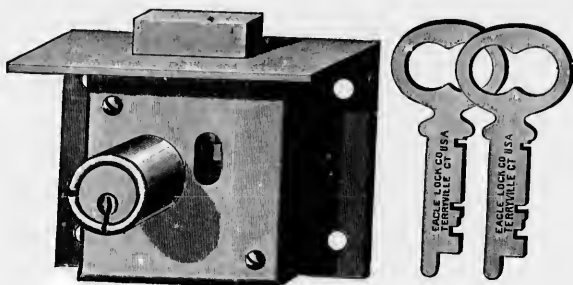
No. 01848  $1\frac{1}{2}$  inch, all brass, 2 secure levers,  $1\frac{1}{4}$  inches from selvage to centre of key cylinder, 2 nickel-plated flat steel keys each, all different in a dozen, made for  $\frac{3}{4}$  inch wood..... Per dozen \$5.00

These locks may be applied without cutting the wood, simply boring hole for cylinder.

Corresponding numbers, Yale RA300. Corbin 0699.

One dozen in a box.

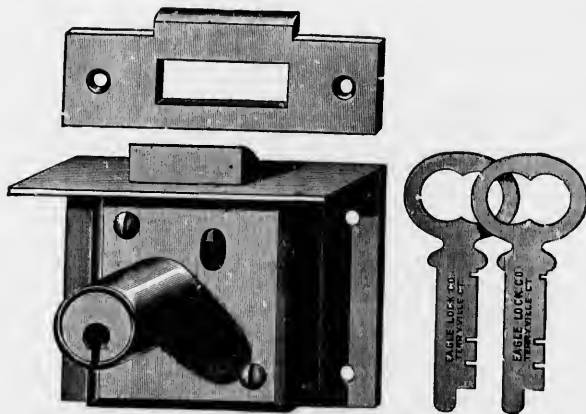
BRASS DRAWER LOCKS



No. 6001—2½ inch (all brass), square selvedge, solid square box, screwed, broad heavy bolt, 3 secure levers, ⅜ inch from selvedge to centre of key cylinder, 2 nickel-plated flat steel keys each, all different in a dozen, made for ⅜ inch wood..... Per dozen, \$7.50

Corresponding numbers, Yale RA811, Corbin 0601.

One dozen in a box.



Spring Latch Bolt. Can be locked without key.

No. 6001½—2½ inch (all brass), square selvedge, brass striker, solid square box, screwed, heavy latch bolt, 3 secure levers, ⅜ inch from selvedge to centre of key cylinder, 2 nickel-plated flat steel keys each, all different in a dozen, made for ⅜ inch wood..... Per dozen, \$9.00

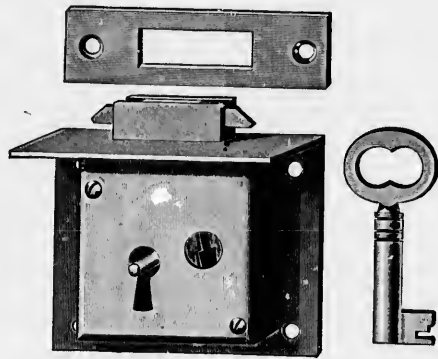
Corresponding numbers, Yale RA390, Corbin 0601½.

One dozen in a box.

No. 1242—2 inch, to k

No. 01850—2 inch, plated made

IRON DESK LOCKS

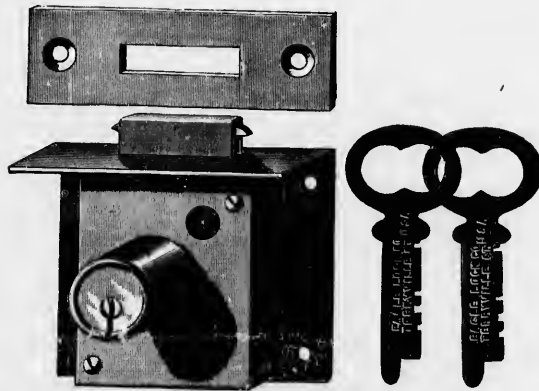


No. 1242—2 inch, Iron, square selvedge, hook bolt, solid square box, screwed, 2 secure levers,  $\frac{3}{4}$  inch from selvedge to key pin, fine flat bow keys, all different in a dozen..... Per dozen \$5.00

Corresponding numbers, Yale S274. Corbin 67.

One dozen in a box.

Brass Desk Locks



No. 01850—2 inch, (all brass), square selvedge, hook bolt, solid square box, screwed, 3 secure levers, 2 nickel-plated flat steel keys each, all different in a dozen,  $\frac{3}{4}$  inch from selvedge to centre of key cylinder, made for  $\frac{3}{4}$  inch wood..... Per dozen \$6.50

Corresponding numbers, Yale SA290. Corbin 0137.

One dozen in a box.

**YALE LOCKS**

WITH GERMAN SILVER PARACENTRIC KEYS.

Cuts half size.

**Drawer Locks**



No. 563S



No. 561

- No. 561— $1\frac{1}{4}$  x  $2\frac{1}{4}$  inch, all brass, 24 keyed, heavy brass bolt, no two locks alike, brass cylinder,  $1\frac{1}{8}$  inch diameter for  $\frac{3}{4}$  inch wood, drop from seldge to centre of cylinder 1 inch..... Per dozen \$12.00
- No. 562— $1\frac{1}{4}$  x  $2\frac{1}{4}$  inch, nickel-plated cylinder for  $\frac{3}{4}$  inch wood, otherwise same as No. 561..... Per dozen 13.00
- No. 563— $1\frac{1}{4}$  x  $2\frac{1}{4}$  inch, brass cylinder for  $\frac{3}{4}$  inch wood, otherwise same as No. 562..... Per dozen 12.00
- No. 563S— $1\frac{1}{4}$  x  $2\frac{1}{4}$  inch, brass spring latch bolt, otherwise same as No. 563..... Per dozen 13.00

**Desk Lock**



No. 540

**Cupboard Lock**



No. 513

- No. 540— $1\frac{1}{2}$  x  $2\frac{1}{4}$  inch, all brass, 24 keyed, double hook bolt, no two locks alike, brass cylinder,  $1\frac{1}{8}$  inch diameter for  $\frac{3}{4}$  inch wood, drop from seldge to centre of cylinder 1 inch..... Per dozen \$12.00
- CUPBOARD LOCK.**
- No. 513— $2$  x  $1\frac{1}{2}$  inch, all brass, 24 keyed, heavy brass bolt for either right or left hand, no two locks alike, brass cylinder  $1\frac{1}{8}$  inch diameter for  $\frac{3}{4}$  inch wood..... Per dozen \$13.00

**Chest Lock**

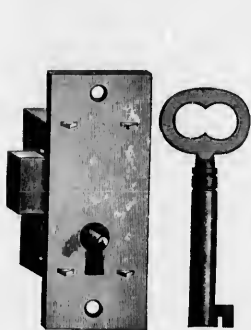


- No. 5241— $1\frac{1}{2}$  x  $3$  inch, all brass, 24 keyed, no two locks alike, brass cylinder  $1\frac{1}{8}$  inch diameter for  $\frac{3}{4}$  inch wood, drop from seldge to centre of cylinder 1 inch..... Per dozen \$14.00
- One lock in a box.

No. 508— $1\frac{1}{4}$  x  $\frac{3}{4}$  inch  
tun  
flat  
Corresponding  
No. 509—As 508,  
Corresponding

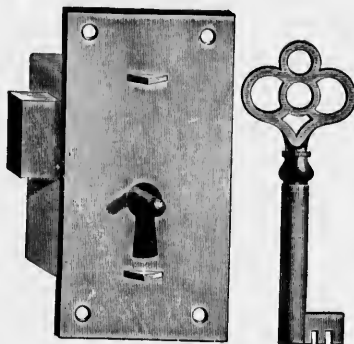
No. 510— $3$  x  $1\frac{1}{2}$  inch

IRON AND BRASS CUPBOARD OR WARDROBE LOCKS



No. 508— $1\frac{1}{2}$  x  $\frac{3}{4}$  inch (brass), solid square box, tumbler, bolt shoots right and left, flat bow keys.....Per dozen \$2.00  
Corresponding numbers, Yale WA1, Corbin 0700.

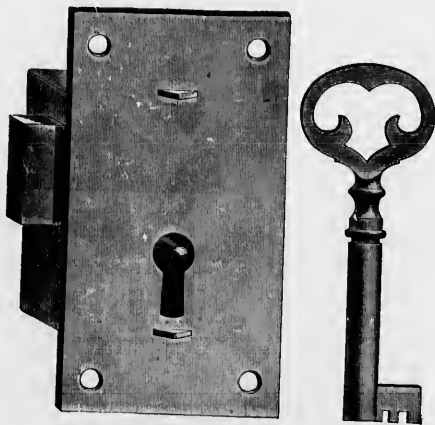
No. 509—As 508, but iron.....Per dozen \$1.50  
Corresponding numbers, Yale W1, Corbin 700.



No. 416— $2\frac{1}{2}$  x  $1\frac{1}{2}$  inch (brass), solid square box, tumbler, bolt shoots right and left.  
Per dozen ..... \$2.00  
Corresponding numbers, Yale WA3, Corbin, 0702.

No. 415—As 416, but iron.....Per dozen \$1.50  
Corresponding numbers, Yale W3, Corbin 702.

One dozen in a box.

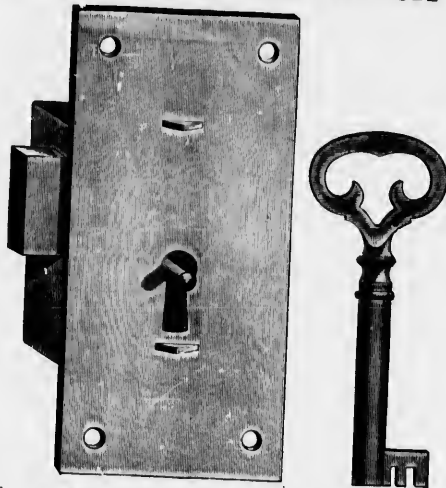


No. 510— $3$  x  $1\frac{1}{2}$ , iron, solid square box, broad bolt shoots right and left, tumbler.....Per dozen \$1.00  
Corresponding numbers, Yale W7, Corbin 704.

One dozen in a box.



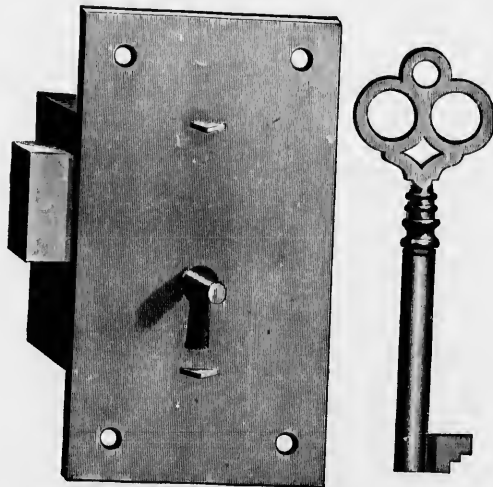
IRON AND BRASS CUPBOARD OR WARDROBE LOCKS



No. 392— $3\frac{1}{2}$  x  $1\frac{1}{4}$  inch, iron, solid square box, broad bolt, shoots right and left, tumbler..... Per dozen 81.75  
Corresponding numbers, Yale W14. Corbin 710.

No. 395— $3\frac{1}{2}$  x  $1\frac{1}{4}$  inch, as 392 but brass..... Per dozen 82.75  
Corresponding numbers, Yale WA14. Corbin 0710.

One dozen in a box.



No. 174— $3\frac{1}{2}$  x 2 inch, iron, solid square box, broad bolt, shoots right and left, 2 secure levers, fancy bow keys,  
six changes in a dozen..... Per dozen 82.25  
Corresponding numbers, Yale W52, Corbin 712.

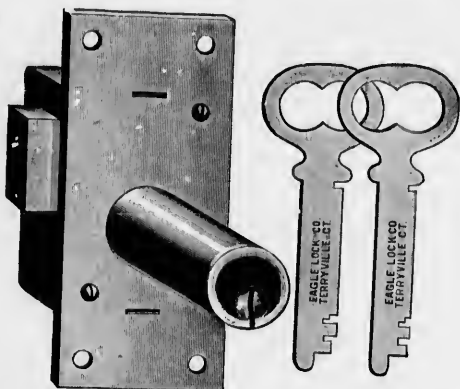
One dozen in a box.

No. 6098— $2\frac{1}{2}$  x  $1\frac{1}{4}$  inch

No. 7098— $2\frac{1}{2}$  x  $1\frac{1}{4}$  inch

No. 6074— $3$  x  $1\frac{1}{4}$  inch  
levers  
dozer

IRON AND BRASS CUPBOARD OR WARDROBE LOCKS



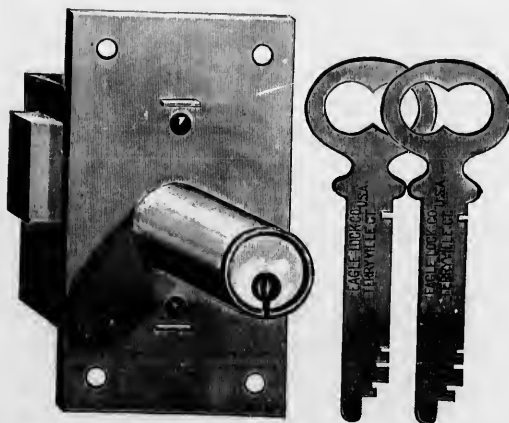
No. 6008—2½ x 1½ inch (all brass), solid square box, screwed, 2 secure levers, broad heavy bolt, shoots right and left, 2 nickel-plated flat steel keys each, all different in a dozen ..... Per dozen \$8.00

Corresponding numbers, Yale WA102, Corbin 0750.

No. 7098—2½ x 1½ inch, iron plate and box, brass bolt and key cylinder, otherwise as 6008 ..... Per dozen \$6.00

Corresponding numbers, Yale W102, Corbin 750.

One dozen in a box.

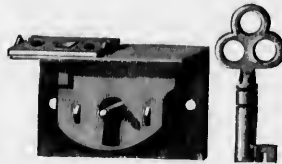


No. 6074—3 x 1½ inch (all brass), solid square box, screwed, broad heavy bolt, shoots right and left, 2 secure levers, 2 nickel-plated flat steel keys each, all different in a dozen, cylinders 3 lengths in each dozen, for ¾, 1 and 1½ inch wood..... Per dozen \$9.00

Corresponding numbers, Yale WA103, Corbin 0751.

One dozen in a box.

BRASS AND IRON BOX LOCKS

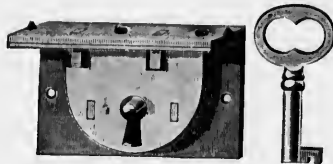


No. 42—1½ inch (brass), single link ..... Per dozen \$0.75  
Corresponding numbers, Yale SA21, Corbin 01.



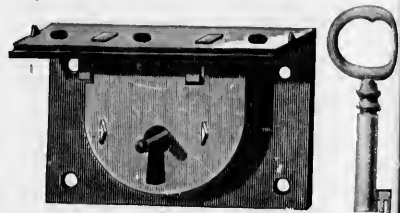
No. 45—1½ inch (brass), single link ..... Per dozen \$0.75  
Corresponding numbers, Yale SA24, Corbin 02.

One dozen in a box.



Brass, Double Link

No. 181—1½ inch. .... Per dozen \$2.25  
Corresponding numbers, Yale SA1, Corbin 030.

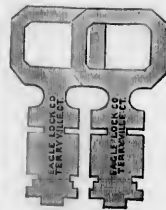


Iron, Double Link

No. 64—2 inch, 1 ward ..... Per dozen \$1.50  
Corresponding numbers, Yale S2, Corbin 32.

One dozen in a box.

Cash Box Locks



No. 619—2 inch, IRON, brass selvage and key cylinder, 1 inch from selvage to centre of key hole, double link,  
2 double bitted flat steel keys each, all different in a dozen ..... Per dozen \$2.50  
Corresponding numbers, Yale S300, Corbin 819.

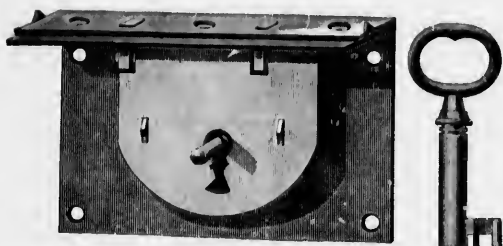
One dozen in a box.

No. 166—2½ inch,

No. 160—3 inch, IRON

No. 83—3¼ inch, IRON

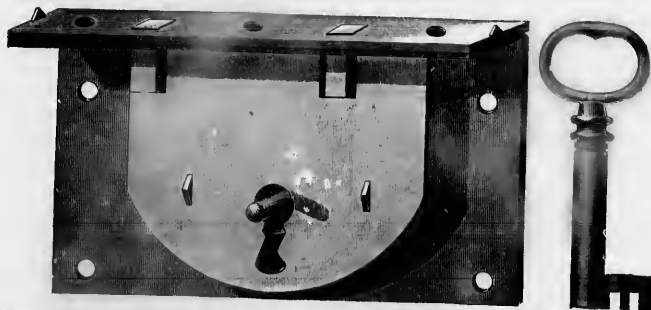
IRON CHEST LOCKS



No. 166—2½ inch, Iron, double link, 1 ward, four changes in a dozen..... Per dozen \$2.12  
 Corresponding numbers, Yale S1, Corbin 34.  
 One dozen in a box.

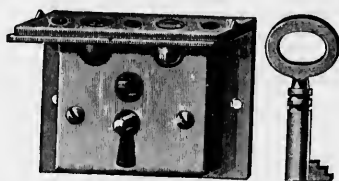


No. 160—3 inch, Iron, double link, 1 ward, three changes in a dozen..... Per dozen \$2.37  
 Can supply sloping desk to order if desired.  
 Corresponding numbers, Yale S6, Corbin 36.  
 One dozen in a box.



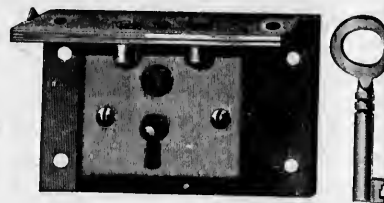
No. 83—3¼ inch, IRON, double link, 1 ward, three changes in a dozen..... Per dozen \$2.75  
 Can supply sloping desk to order if desired.  
 Corresponding numbers, Yale S8, Corbin 38.  
 One dozen in a box.

**IRON CHEST LOCKS**



No. 471—1½ inch, IRON, square seldge, solid square box, screwed, 2 secure levers, double link, fine flat bow keys, all different in a dozen.....Per dozen \$3.00

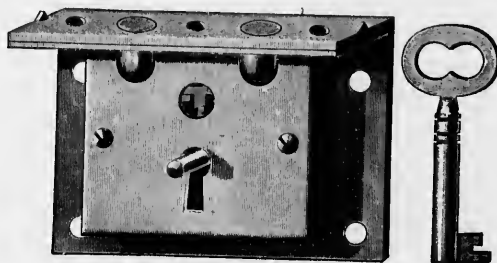
Corresponding numbers, Yale S110, Corbin 100.



No. 467—2 inch, IRON, square seldge, solid square box, screwed, 2 secure levers, double link, fine flat bow keys, all different in a dozen ..... Per dozen \$3.00

Corresponding numbers, Yale S112, Corbin 102.

One dozen in a box.



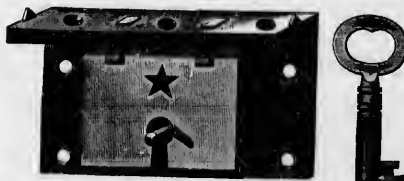
No. 427—2½ inch, IRON, square seldge, solid square box, screwed, 2 secure levers, double link, fine flat bow keys, all different in a dozen.....Per dozen \$3.00

Corresponding numbers, Yale S114, Corbin 104.

One dozen in a box.

Can supply sloping desk to order if desired.

**Brass Box Locks**



No. 585—2 inch, ALL BRASS, square seldge, solid square box, 1 secure lever, double link, fine flat bow keys, four changes in a dozen.....Per dozen \$3.00

Corresponding numbers, Yale SA68, Corbin 063.

One dozen in a box.

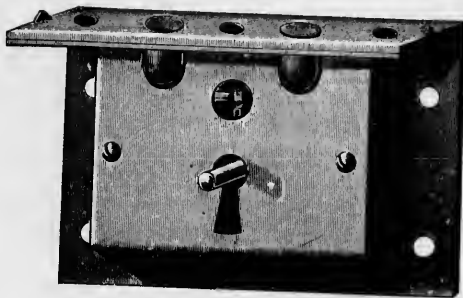
No. 410—3 inch, IRON, all different

No. 408—3½ inch, IRON, keys, all different

IRON CHEST LOCKS

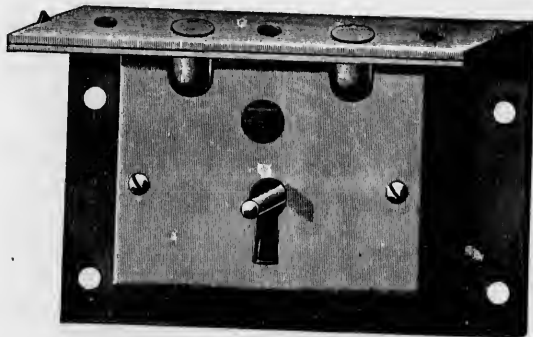


ge, solid square  
levers, double  
s, all different  
.... Per dozen \$12  
112, Corbin 102.



No. 410—3 inch, IRON, square selvedge, solid square box, screwed, 2 secure levers, double link, fine flat bow keys, all different in a dozen..... Per dozen \$4.00

Corresponding numbers, Yale S117, Corbin 106.  
One dozen in a box.



, fine flat bow  
.... Per dozen \$12

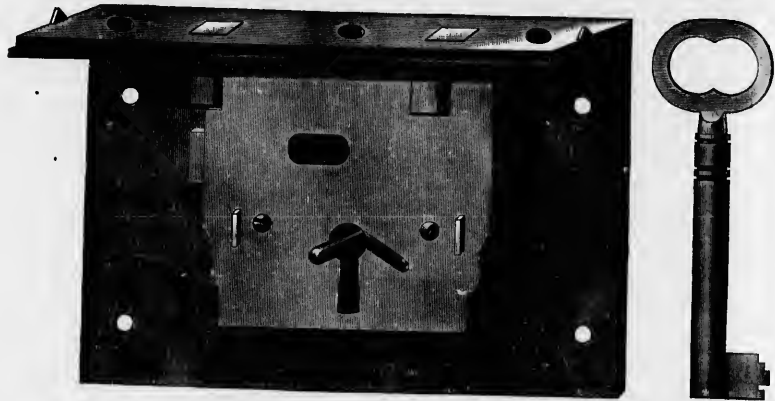
No. 408—3 1/2 inch, IRON, square selvedge, solid square box, screwed, 2 secure levers, double link, fine flat bow keys, all different in a dozen..... Per dozen \$4.50

Corresponding numbers, Yale S120, Corbin 100.  
One dozen in a box.

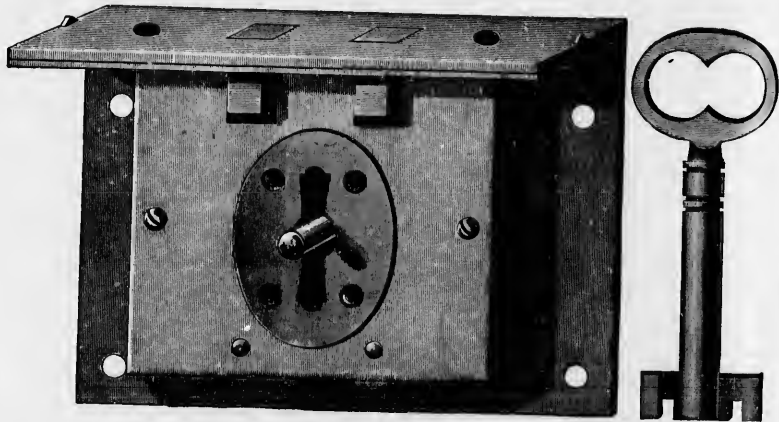
Above locks can be supplied to order, sloping desk.

t bow keys,  
.... Per dozen \$12

IRON CHEST LOCKS



No. 202—4 inch, Iron, double link, 2 secure levers, screwed, fine flat bow keys, all different in a dozen. Per dozen \$19  
 Corresponding numbers, Yale S77, Corbin 72.  
 One dozen in a box.

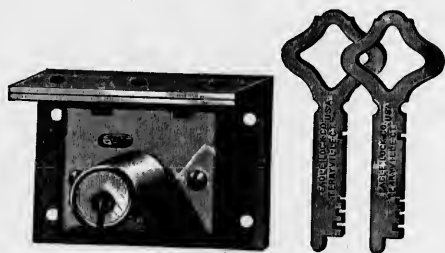


No. 9—4 inch, Iron, self-locking, double link, screwed, double bitted keys, secret wards, brass escutcheons, all different in a dozen ..... Per dozen \$22  
 Corresponding numbers, Yale S86, Corbin 85.  
 One dozen in a box.

No. 6088—1 1/2 inch  
 plated  
 der...

No. 6070—3 inch (a  
 plated  
 der...

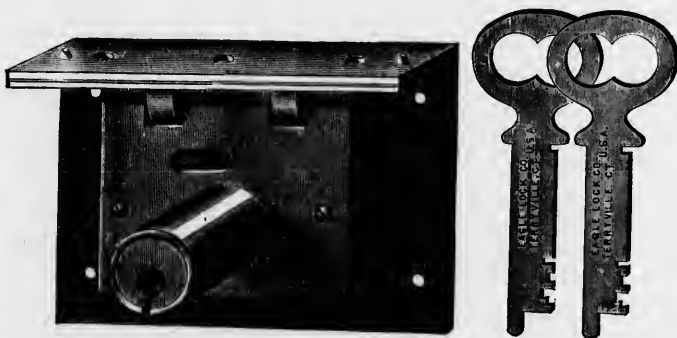
BRASS CHEST LOCKS



No. 6088—1½ inch (all brass), square selvedge, solid square box, screwed, 3 secure levers, double link, 2 nickel-plated flat steel keys each, all different in a dozen, ¾ inch from selvedge to centre of key cylinder. . . . . Per dozen \$ 7.50

Corresponding numbers, Yale SA151, Corbin, 0141.

One dozen in a box.



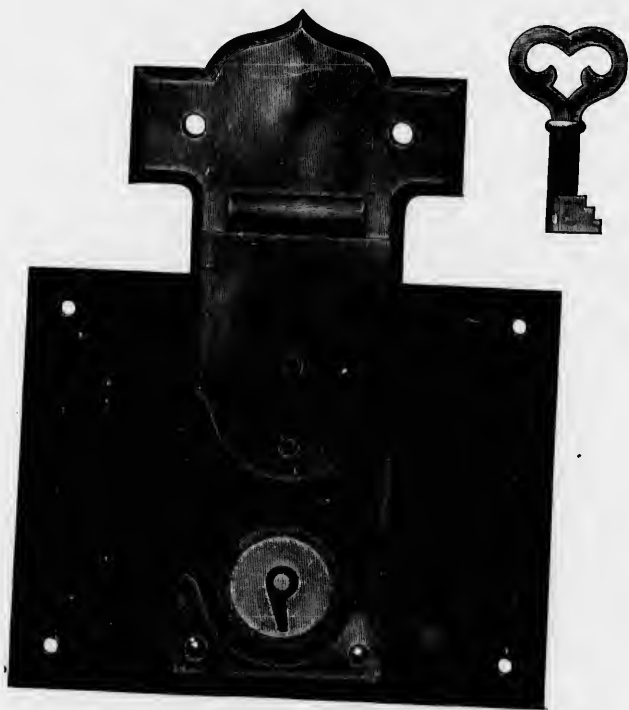
No. 6070—3 inch (all brass), square selvedge, solid square box, screwed, 4 secure levers, double link, 2 nickel-plated flat steel keys each, all different in a dozen, 1¼ inch from selvedge to centre of key cylinder. . . . . Per dozen \$14.00

Corresponding numbers, Yale SA155, Corbin 0145.

Half dozen in a box.

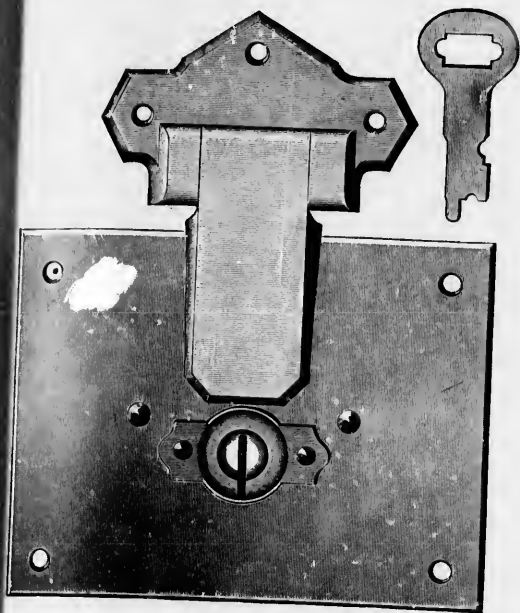


## IRON, AND BRASS TRUNK LOCKS



- No. 93—4 inch, IRON, BLACK JAPANNED, heavy stop hasp, brass escutcheon, assorted, three changes in a dozen. Per dozen ..... \$2.00
- No. 94—4 inch, BRASS POLISHED, heavy iron stop hasp and box red japanned, brass escutcheon, assorted, three changes in a dozen ..... Per dozen \$3.50

One dozen in a box.



Full size cut of No. 272.

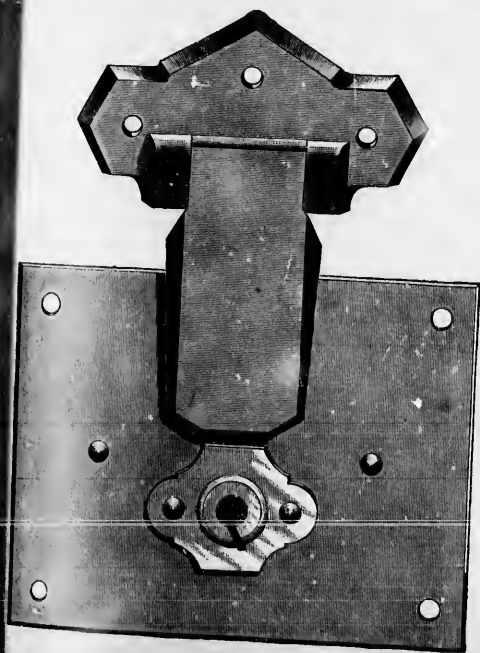
TRUNK LOCKS

Iron, black japanned, solid spring hasp,  
brass escutcheon, flat steel keys.

No. 270—3½ inch . . . . Per dozen \$1.25

No. 272—3½ inch . . . . Per dozen 1.50

One dozen in a box.



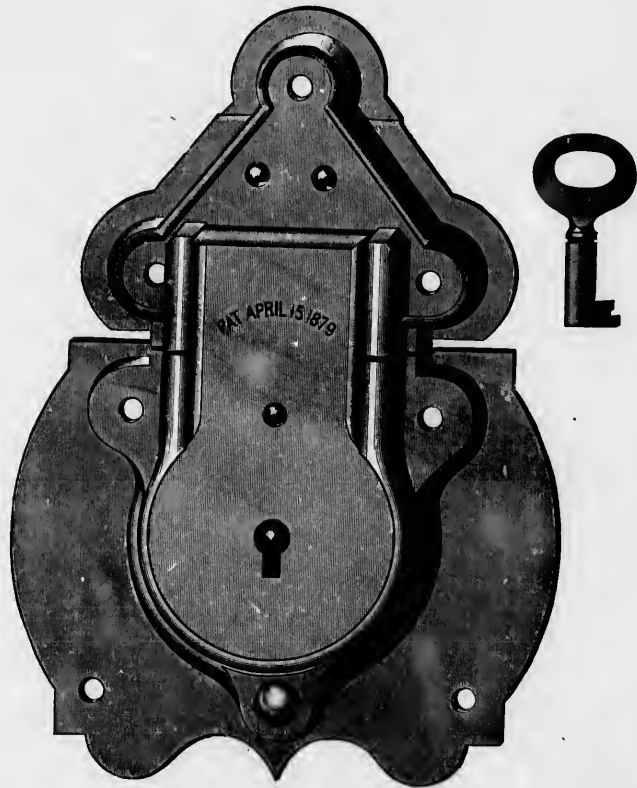
Full size cut.

No. 114—½—3½ inch, brass, polished,  
solid spring hasp, flat steel  
keys, assorted, four changes  
in a dozen. Per dozen . . . \$3.75

One dozen in a box.

dozen.  
..... \$2.00  
, three  
dozen \$3.50

TRUNK LOCKS



No. 199—4 inch, iron, ALL BRASS PLATED, guard cup, flat bow keys ..... Per dozen \$4.00

One dozen in a box.



Nos. 1480  
Per doz. \$0.50



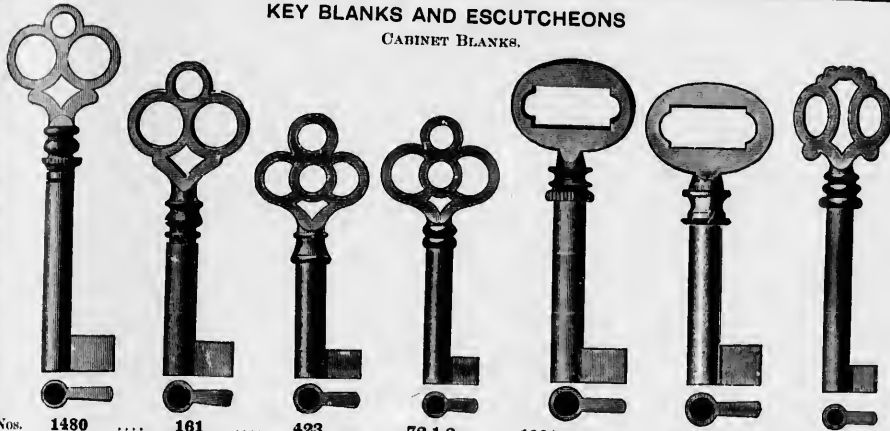
Nos. 99 1-2 St.  
Per doz. \$0.25



Nos. 133 St.  
Per doz. \$0.25

- No.
- 331 337—For draw
- 338 344—For ches
- 370 383—For draw
- 384 389—For ches
- 414 417—For padl
- Chest lock keys—
- assorted ...

KEY BLANKS AND ESCUTCHEONS  
CABINET BLANKS.



Nos. 1480	161	423	72 1-2	1001 x 1 1-2	1001 x 1 1-4	4470
Per doz. \$0.50	.25	.20	.15	.35	.35	.20

TRUNK BLANKS.

CABINET BLANKS



Nos. 99 1-2 Sr.	99 1-2 Rr.	99 1-2 Lr.	270
Per doz. \$0.25	.25	.25	.25

Nos. 6068 x 1 1-2	905
Per doz. \$1.50	1.00

ESCUTCHEONS.



Nos. 133 Sr.	133 Rr.	133 Lr.	277	Nos. 35	48	72
Per doz. \$0.25	.25	.25	.25	Per gro. \$1.75	1.75	1.75

English Cabinet and Padlock Keys and Blanks

No.	Per gross
334 337—For drawer and box locks, assorted	\$4.50
338 344—For chest and cupboard locks, assorted	6.00
370 383—For drawer and box locks, assorted	4.50
384 389—For chest locks, assorted	6.50
414 417—For padlocks, assorted	7.50
Chest lock keys—for chest locks 3½ to 4 inch, assorted	9.50

Trunk lock keys—for trunk locks, 3, 3½ and 4 inch, assorted	Per gross
Till lock blanks, small to medium, assorted	\$5.75
No. 305—Blanks for cupboard locks	5.50
No. 412—Blanks for cupboard locks	9.00
Padlock blanks, small to medium, assorted	11.00
Padlock blanks, medium to large, assorted	7.00
	7.25

Per dozen \$4.50

JAPANNED PADLOCKS



No. 1385  
JAPANNED.

No. 1385—2½ inch..... Per dozen \$2.05



No. 013  
JAPANNED.

No. 013—2½ inch, 1 key ..... Per dozen \$3.00  
No. 013—2½ inch, 2 keyed..... Per dozen 3.60  
No. 14759—2½ inch, 2 keyed..... Per dozen 2.00



No. 1509  
JAPANNED.

No. 3579—2½ inch..... Per dozen \$0.70  
No. 1705—2½ inch..... Per dozen 1.25  
No. 1509—2½ inch..... Per dozen 1.85  
No. 1497—2½ inch, 2 keyed..... Per dozen 2.50

GALVANIZED.

No. 1509—2½ inch, 2 keyed..... Per dozen 2.75



No. 1418  
JAPANNED.

No. 14756—2½ inch..... Per dozen \$0.75  
No. 1418—2½ inch..... Per dozen 1.70



No. 2043  
JAPANNED.

No. 2043—2½ inch, keys all different.... Per dozen \$2.70  
No. 2043—2½ inch, 2 keyed, all different, Per dozen 3.30  
No. 1521—2½ inch, 2 keyed..... Per dozen 2.10



No. 13421  
JAPANNED.

No. 13421—2½ inch, 2 keyed..... Per dozen \$3.15

One dozen in a box.

No. 13350—2½ inch  
No. 14777—2½ inch

Japan

No. 5

No. 5176—2½ inch

JAPANNED PADLOCKS



No. 14777—Japanned, 2-keyed.



No. 1510—Japanned.

No. 13359—2½ inch ..... Per dozen \$3.40  
 No. 14777—2½ inch, all different..... Per dozen 5.50

No. 1510—2½ inch..... Per dozen \$3.00

One dozen in a box.

Japanned Padlocks



No. 5176—Patent.

Automatic Steel Padlocks



No. 76—2-keyed. Full size cut.

No. 5176—2½ inch..... Per dozen \$3.30

No. 76—Steel, dark finish ..... Per dozen \$3.50

One dozen in a box.

Half-dozen in a box.

WROUGHT IRON TUMBLER PADLOCKS



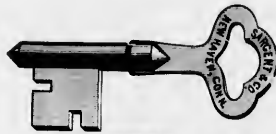
Full size cut of No. 122.

No. 122—2 inch, wrought case, self-locking spring  
sluckle, brass bushing, revolving key pin, flat  
steel key, brass bushing on back, 4 changes,  
1 key.....Per dozen \$1.85  
One dozen in a box.

FANCY BRONZE  
SCANDINAVIAN PADLOCKS



4 tumblers, steel keys, six changes, bright raised  
figures on a black embossed ground work.  
No. 99—Weight,  $\frac{1}{2}$  lb., 2-keyed.....\$5.00 per dozen  
No. 999—Weight,  $\frac{3}{4}$  lb., 2-keyed..... 7.00 per dozen  
Half dozen in a box.



Full size cut of No. 356.

No. 356—2 $\frac{1}{4}$  inch, brass drop and bushing, solid brass wheel, bridge ward, nickel-plated patent steel key, brass  
bushing on back, 5 changes, 1 key..... Per dozen \$3.25  
No. 307—2 $\frac{1}{4}$  inch, engraved drop, brass bushing, wheel and bridge wards, nickel-plated patent steel key, brass  
bushing on back, 6 changes ..... { 1 key, Per dozen \$3.00  
2 keys, Per dozen 3.75  
Half dozen in a box.



Full size cut of No. 307.

No. 407—2 $\frac{1}{2}$  inch,  
flat

Full size

No. 203—2 $\frac{1}{4}$  inch, b

No. 215—2 $\frac{1}{4}$  inch, b

6 cham

WROUGHT IRON TUMBLER PADLOCKS



Full size cut of No. 407.

No. 407—2½ inch, engraved drop, brass bushing, wheel, side and bridge wards, revolving key pin, fancy wide bit flat steel key, brass bushing on back, 12 changes, 2 keys..... Per dozen \$4.25

Half dozen in a box.



Full size cut of No. 203.



Full size cut of No. 215.

No. 203—2½ inch, brass bushing, cylinder key, 2 changes, 1 key..... Per dozen \$1.60

No. 215—2½ inch, brass drop and bushing, wheel ward, revolving key pin, flat steel key, brass bushing on back, 6 changes..... Per dozen \$3.50  
 { 1 key, Per dozen \$3.00  
 { 2 keys, Per dozen \$3.00

No. 203, one dozen in a box. No. 215, half dozen in a box.

LOCKS



es, bright raised  
k.  
\$5.00 per dozen  
7.00 per dozen

AND



, brass \$3.25  
dozen  
brass \$3.00  
dozen  
or dozen 3.75



MAROON, SCANDINAVIAN OR JAIL PAD LOCKS.



Full Size Cut of No. 1011.



Self-Locking,  
Secured Spring Shackle.

No. 1011 With 2 Flat Malleable Keys and Steel Tumblers.  
Price.....Per Dozen, \$1.65



Full Size Cut of No. 1012.



No. 1012. With 2 Flat Malleable Keys and Steel Tumblers.  
Price.....Per Dozen, \$2.10



Full Size Cut of 1013.



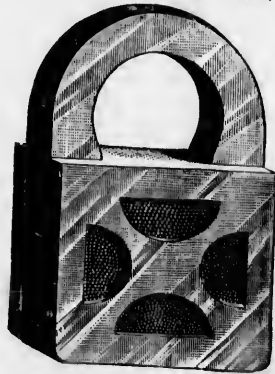
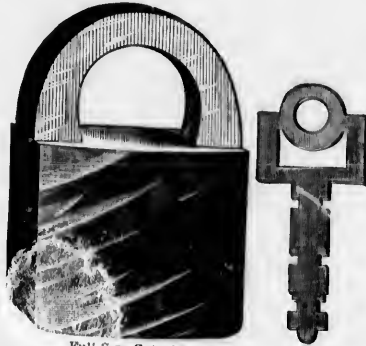
No. 1013. With 2 Flat Malleable Keys and Steel Tumblers.  
Price.....Per Dozen, \$2.50

HALF DOZEN IN A BOX.

PADLOCKS.



Full Size Cut of No. 610.  
 No. 610. Bronze Metal, with Brass Tumblers, Secured Shackle, 2 Flat Steel Keys. Price..... Per Dozen, \$7.50  
 No. 503. Bower-Barff Case, Polished Shackle, Bronze Tumbler, 2 Flat Keys, Keyed all different in a Dozen..... Per Dozen, 5.00



Full Size Cut of No. 303.  
 No. 303. Aluminum Bronze, Highly Finished, Keyed all different in a Dozen, 2 Flat Keys..... Per Dozen, \$3.50  
 No. 888. Gun Metal, Highly Finished, Keyed all different in a Dozen, 2 Flat Keys. Price..... Per Dozen, 7.50

HALF DOZEN IN A BOX.

EUREKA PADLOCKS

BRASS AND IRON.



3/8 inch.

No. 4014—Brass, self-locking, spring shackle, flat steel keys ..... Per dozen \$2.25



1 inch.

Self-locking, spring shackle, flat steel keys.

IRON BLACK JAPANNED.

No. 4015..... Per dozen \$1.25

BRASS POLISHED.

No. 4016—Assorted, 4 changes in a dozen, Per dozen 2.25



1 1/4 inch.

Self-locking spring shackle, flat steel keys.

IRON BLACK JAPANNED.

No. 4017..... Per dozen \$1.25

BRASS POLISHED.

No. 4018—Assorted, 5 changes in a dozen, Per dozen 2.50



1 1/2 inch.

Self-locking, spring shackle, flat steel keys.

IRON BLACK JAPANNED.

No. 4019..... Per dozen \$1.50

BRASS POLISHED.

No. 4020—Assorted, 6 changes in a dozen, Per dozen 3.00

One dozen in a box.

No. 4021—1 3/4 inch, self-l.  
No. 4022—1 3/4 inch, self-l.

No. 4023—2 inch, self-l.  
No. 4024—2 inch, self-l.

EUREKA PADLOCKS

BRASS AND IRON.



- No. 4021— $\frac{1}{4}$  inch, self-locking, spring shackle, flat steel keys, iron black japanned ..... Per dozen \$1.50  
 No. 4022— $\frac{1}{4}$  inch self-locking, spring shackle, flat steel keys, brass polished ..... Per dozen 3.50

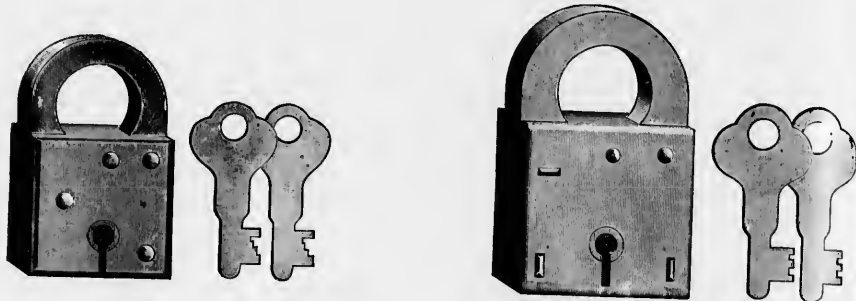


- No. 4023—2 inch, self-locking, spring shackle, flat steel keys, iron black japanned ..... Per dozen \$2.00  
 No. 4024—2 inch, self-locking, spring shackle, flat steel keys, brass polished ..... Per dozen 4.00

One dozen in a box.

SECURE LEVER PADLOCKS

BRASS AND IRON.



Secure levers, self-locking, spring shackle, 2 flat steel keys, all different in a dozen.

IRON BLACK JAPANNED.

No. 4047—1 inch, 3 secure levers..... Per dozen \$3.00

BRASS POLISHED AND BUFFED.

No. 04047—1 inch, 3 secure levers ..... Per dozen 5.00

IRON BLACK JAPANNED.

No. 1048—1½ inch, 3 secure levers. .... Per dozen \$3.50

BRASS POLISHED AND BUFFED.

No. 04048—1½ inch, 3 secure levers ..... Per dozen 5.50



Secure levers, self-locking, spring shackle, 2 flat steel keys, all different in a dozen.

IRON BLACK JAPANNED.

No. 4049—1½ inch, 3 secure levers..... Per dozen \$3.50

BRASS POLISHED AND BUFFED.

No. 04049—1½ inch, 3 secure levers ..... Per dozen 6.00

IRON BLACK JAPANNED.

No. 4044—1½ inch, 2 secure levers. .... Per dozen \$3.50

BRASS PLAIN FINISH.

No. 04043—1½ inch, 2 secure levers ..... Per dozen 5.00

One dozen in a box.

No. 4  
No. 4

No. 1 x  
No. 10-  
No. 20-

**FOUR LEVER AUTOMATIC PADLOCKS.**



Full Size Cut of Nos. 406 and 407.

- No. 406 x 2 Keys, Steel, Dark Finish, Weight 4 Ounces.....Per Dozen, \$7.20  
 No. 407 x 2 Keys, Brass, Bright Finish, Weight 4 Ounces.....Per Dozen, 8.50

**Six Lever, Champion, Gun Metal Padlocks.**



Full Size Cut of No. 1.

- No. 1 x 2 Nickel Plated Steel Keys, 2 1-4 Inch, Phosphor Bronze Springs, Weight 8 Ounces.....Per Dozen, \$12.00  
 No. 10—As No. 1, with chain .....Per Dozen, 11.25  
 No. 20—As No. 1, but plated .....Per Dozen, 15.00

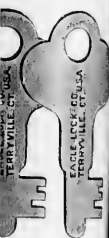
HALF DOZEN IN A BOX.



Per dozen \$3.25

KEY.

Per dozen 5.50



Per dozen \$3.50

Per dozen 5.00

BICYCLE OR BAGGAGE PADLOCKS



Full size cut.

No. 4047C—1 inch, iron black japanned, self-locking, spring shackle, 3 secure levers, 2 flat steel keys each, all different in a dozen, length of chain, 12 inches.....Per dozen \$4.00  
One dozen in a box.



Full size cut.

Gun metal, bronze alloy, made on same principle as a railroad switch lock.

No. 718—Gunmetal bolts, tumblers and key guide, cast gun metal keys, polished 16 inch cut steel chains, nickel-plated..... Per dozen \$3.50  
One dozen in a box.



No. KS 4-J.

No. KS 4-J—1 x 1½ inch, secure lever padlock, 2 flat steel keys, self-locking brass spring shackle, steel, black enamelled, 2 tumblers..... Per dozen \$4.00  
One dozen in a box.

**VALE BRONZE METAL SPRING PADLOCKS.**

With Two Nickel Plated Flat Steel Keys Each.

Full Size Cuts.



No. 813.



No. 823.

- No. 813. 1 Inch, 3 Brass Tumblers, 54 Changes..... Per Dozen, \$13.50  
 No. 823. 1 1/4 Inch, 3 Brass Tumblers, 54 Changes..... Per Dozen, 16.00



No. 833.



No. 843.

- No. 833. 1 1/2 Inch, 3 Brass Tumblers, 54 Changes..... Per Dozen, \$18.00  
 No. 843. 1 3/4 Inch, 4 Brass Tumblers, 82 Changes..... Per Dozen, 20.50



No. 853.



No. 863.

- No. 853. 2 Inch, 4 Brass Tumblers, 144 Changes..... Per Dozen, \$22.00  
 No. 863. 2 Inch, WITH GALVANIZED CHAIN, 4 Brass Tumblers, 144 Changes..... Per Dozen, 24.50  
 No. 863. 2 1/4 Inch, 4 Brass Tumblers, 144 Changes..... Per Dozen, 24.00

HALF DOZEN IN A BOX WITHOUT CHAIN QUARTER DOZEN WITH CHAIN.

s each, all  
Per dozen \$1.00

s, nickel-  
er dozen \$5.50

l, black  
e dozen \$4.00



YALE BOWER-BARFFED PADLOCKS



No. 805, Iron.



No. 8434, Steel.

Cuts half size.

- No. 805—2 inch, IRON, 24 keyed, Yale flat steel keys, Bower-Barff finish, bronze shackle, four pin tumblers.  
 Per dozen ..... \$9.50  
 One dozen in a box.
- No. 8454—2 inch, STEEL SHELL, 24 keyed, nickel-plated flat steel keys, bronze locking mechanism, steel shackle, four tumblers ..... Per dozen \$15.00  
 Half dozen in a box.

RAILWAY SWITCH LOCK



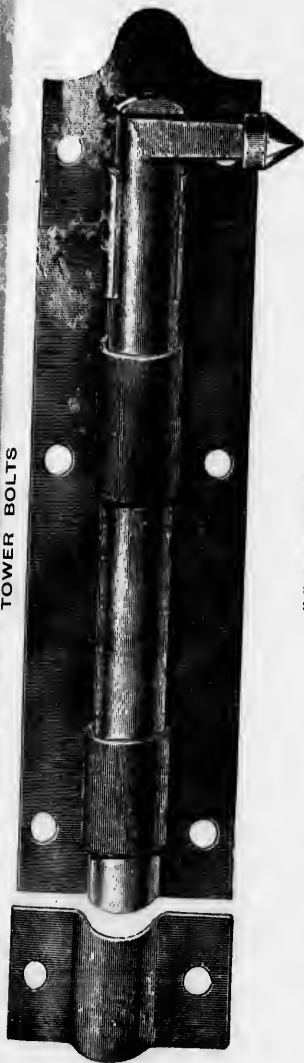
Full size cut

- No. 039—2½ inch, all bronze metal, self locking, bronze metal key, automatic spring drop escutcheon, and chain.  
 Per dozen ..... \$17.25

TOWER BOLTS



TOWER BOLTS



Full size cut of 6 inch.

Bright solid end tower bolts.—No. 9

Size.....	3 inch	.....	4 inch	.....	5 inch	.....	6 inch	.....	7 inch	.....	8 inch	.....	9 inch
Per dozen.....	\$0.45	.....	.65	.....	.80	.....	.95	.....	1.10	.....	1.20	.....	1.35

One dozen in a package.



Full size cut of 6 inch.

Bright solid end tower bolts.—No. 100

Size.....	4 inch	.....	5 inch	.....	6 inch	.....	7 inch	.....	8 inch	.....	9 inch
Per dozen.....	\$ 1.00	.....	1.20	.....	1.50	.....	1.75	.....	1.95	.....	2.20

Lacquered Barrel Bolts.—No. 15

Size.....	2 1/2 inch	.....	3 inch	.....	4 inch
Per dozen.....	\$ 0.90	.....	.90	.....	1.10

One dozen in a package.

tumblers.  
..... \$9.50

bol shackles,  
Per dozen \$15.00

chain  
..... \$17.25

**BARREL BOLTS**



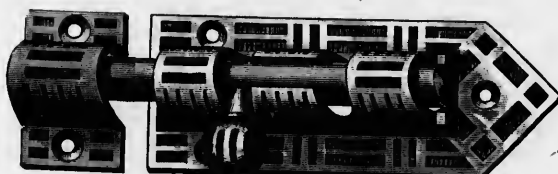
Full size cut of 4 inch.

**No. 362**—Brass knob, polished bolt.

Size.....	3 inch.	4 inch.	5 inch.	6 inch.
Per dozen .....	\$0.60	.75	.90	1.10

The 3 inch have a wrought bolt.

One dozen in a box.



Full size cut of 3 inch.

**Wrought bolt, bronze metal knob.**

**No. 1045**—Berlin bronze.

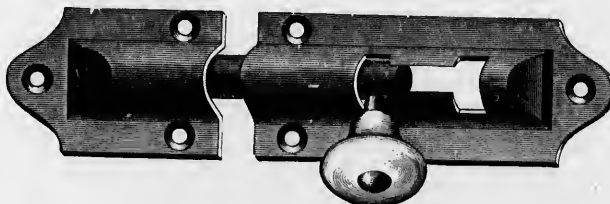
Size.....	3 inch.	4 inch.	5 inch.
Per dozen .....	\$1.40	1.60	1.80

**No. 1046**—Bronze plated, No. 10 finish.

Size...	3 inch.	4 inch.	5 inch.
Per dozen .....	\$2.40	2.60	2.80

One dozen in a box.

**Cast Brass Barrel Bolts**



**No. 575**—Full size cut of 2½ inch.

Polished and lacquered, wrought iron bolt.

<b>No. 570</b> —3 inch, brass knob .....	Per dozen	\$2.25
<b>No. 575</b> —2½ inch, porcelain knob.....	Per dozen	3.00

One dozen in a box.

No. 1040—4 inch  
No. 1041—4 inch  
No. 1042—4 inch

No. 040—3 inch,

Inch.....  
Per dozen .....

Inch.....  
Per dozen .....

SQUARE CASED BOLTS

PETERBOROUGH LOCK MFG. CO.



Full size cut of 4 inch.

Bronze metal knob, packed with screws.

No. 1040—4 inch, Berlin bronze .....	Per dozen	\$3.00
No. 1041—4 inch, No. 10 finish .....	Per dozen	5.00
No. 1042—4 inch, real bronze .....	Per dozen	8.00

One dozen in a box.



Full size cut of 3 inch.

Plain bronze metal, packed with screws.

No. 040—3 inch, highly polished plain bronze .....	Per dozen	\$6.50
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Half dozen in a box.



Flat Spring Bolts

No. 15259—Wrought Iron, Polished.

Inch.....	2	2 1-2	3	3 1-2	4
Per dozen .....	\$0.30	.35	.38	.45	.60

No. 5521—Wrought Brass, Polished.

Inch.....	2	3	4
Per dozen .....	\$0.75	1.15	1.80

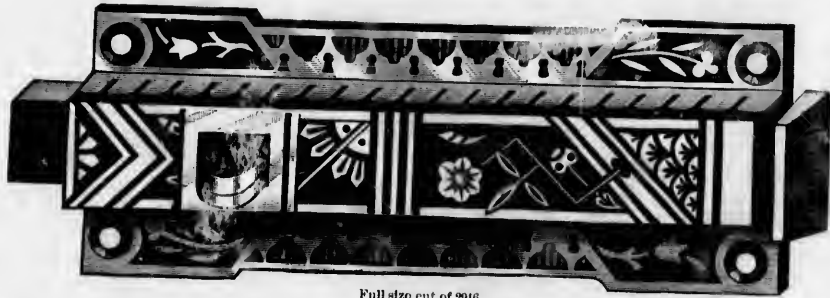
One dozen in a package.

6 inch. 1.10  
 No. 10 finish. 5 inch. 2.60  
 2.60

Per dozen 3.00  
 Per dozen 3.00

FOOT BOLTS

PETTERBOROUGH LOCK MFG. CO.



Full size cut of 2916.

No. 2916—6 inch, real bronze .....	Per dozen	\$12.00
No. 3916—6 inch, Berlin bronze .....	Per dozen	3.50
No. 4916—6 inch, bronze plated, or (No. 10 finish) .....	Per dozen	6.00
No. 2918—8 inch, real bronze .....	Per dozen	14.00
No. 3918—8 inch, Berlin bronze .....	Per dozen	4.00
No. 4918—8 inch, bronze plated, or (No. 10 finish) .....	Per dozen	7.00

Half dozen in a box.



Full size cut of 916.

No. 914—4 inch, highly polished plain bronze .....	Per dozen	\$11.00
No. 916—6 inch, highly polished plain bronze .....	Per dozen	13.00

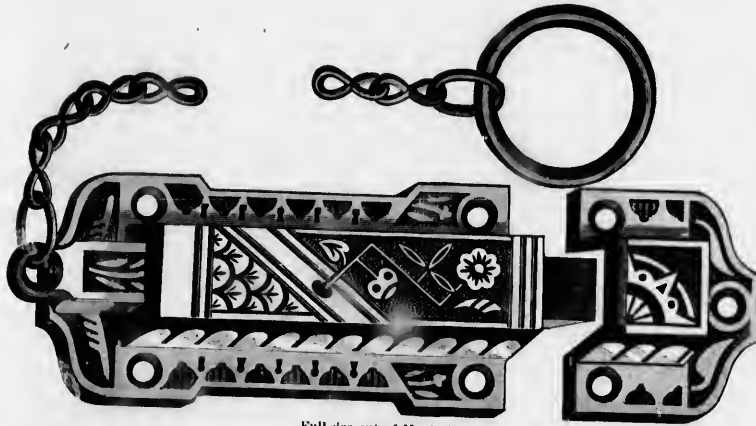
Packed with screws. Half dozen in a box.

No. 2933—3 inch,  
 No. 3933—3 inch,  
 No. 4933—3 inch,  
 No. 2934—4 inch,  
 No. 3934—4 inch,  
 No. 4934—4 inch,

No. 934—4 inch, high

CHAIN BOLTS

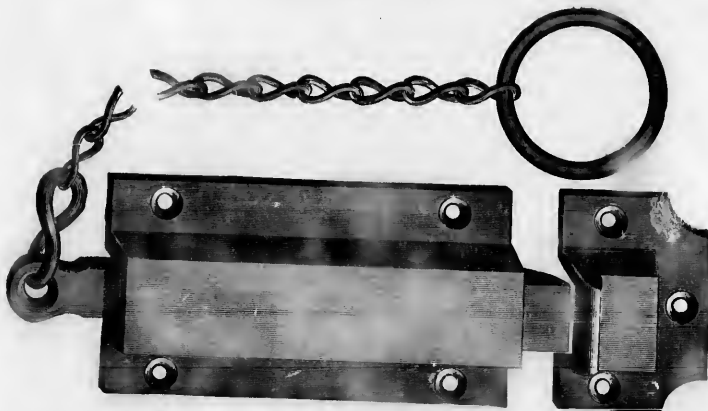
PETERBOROUGH LOCK MFG. CO.



Full size cut of No. 2933.

No. 2933	3 inch, real bronze.....	Per dozen \$8.00
No. 3933	3 inch, Berlin bronze.....	Per dozen 3.00
No. 4933	3 inch, bronze plated, or (No. 10 finish).....	Per dozen 5.00
No. 2934	4 inch, real bronze.....	Per dozen 9.00
No. 3934	4 inch, Berlin bronze.....	Per dozen 3.20
No. 4934	4 inch, bronze plated, or (No. 10 finish).....	Per dozen 5.50

Half dozen in a box.



Full size cut of No. 934.

No. 934	4 inch, highly polished, plain bronze.....	per dozen \$9.00
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Packed with screws. Half dozen in a box.

Per dozen \$12.00  
Per dozen 3.50  
Per dozen 6.00  
Per dozen 14.00  
Per dozen 4.00  
Per dozen 7.00

Per dozen \$11.00  
Per dozen 13.00

## CHAIN BOLTS

PETERBOROUGH LOCK MFG. CO.



Full size cut of No. 2036.

6 inch.

No.	Per dozen
2036—Real bronze .....	\$12.00
3036—Berlin bronze .....	3.50
4036—Bronze plated, or (No. 10 finish).....	6.00

8 inch.

No.	Per dozen
2038—Real bronze .....	\$14.00
3038—Berlin bronze .....	4.00
4038—Bronze plated, or (No. 10 finish).....	7.00

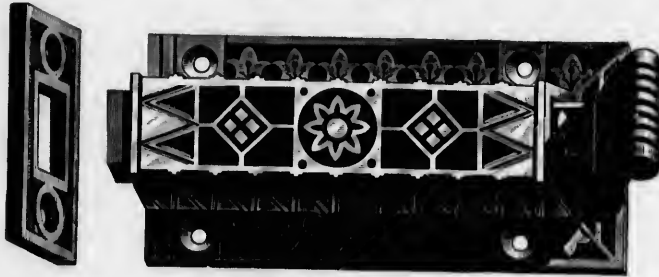
Packed with screws. Half dozen in a box.

Inch.....  
Per dozen.....No.  
Inch.....  
Per dozen.....

No. 5

Inch.....  
Per dozen.....

**BOTTOM BOLTS**



No. 1400A. Full size cut of 3 inch.

Berlin bronzed. Packed with screws.

**No. 1490A.**

Inch.....	<b>3</b>	.....	<b>4</b>	.....	<b>6</b>
Per dozen .....	\$1.70	.....	\$1.90	.....	\$2.65

3 and 4 inch, one dozen in a box ; 6 inch, half dozen.

**Cast Brass Flush Bolts**

Polished and lacquered. Sunk thumb piece.



No. 30. Full size cut of 1/2 inch. Style of No. 40.

**No. 30. Width 3/8 inch.**

Inch.....	<b>2 1/2</b>	.....	<b>3</b>
Per dozen .....	\$0.65	.....	.80

Three dozen in a box.

**No. 40. Width 1/2 inch.**

Inch.....	<b>4</b>	.....	<b>5</b>
Per dozen .....	\$1.20	.....	1.45

Two dozen in a box.



No. 50. Full size cut of 4 inch. Style of No. 60.

**With Strike Plates.**

**No. 50. Width 3/8 inch.**

Inch.....	<b>6</b>	.....	<b>8</b>
Per dozen .....	\$2.50	.....	3.60

One dozen in a box.

**No. 60. Width 1/2 inch.**

Inch.....	<b>8</b>	.....	<b>10</b>	.....	<b>12</b>
Per dozen .....	\$3.90	.....	5.25	.....	6.25

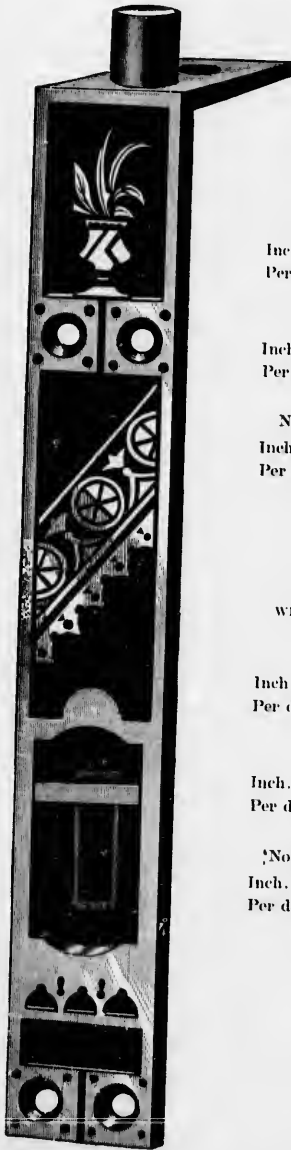
Per dozen ..... \$12.00  
..... 3.50  
h)..... 6.00

Per dozen ..... \$14.00  
..... 4.00  
..... 7.00  
n in a box.



## FLUSH BOLTS

PETERBOROUGH LOCK MFG. CO.



Full size cut of 8 inch.

WITH SUNK THUMB PIECE.

No. 700—Real Bronze.

Inch....	1½ x 6	8	12	18	24
Per dozen	\$3.00	9.50	13.00	17.00	22.00

No. 701—Berlin Bronzed.

Inch....	1½ x 6	8	12	18	24
Per dozen	\$2.80	3.30	3.80	5.00	7.50

No. 702—No. 10 Finish, Bronze Plated.

Inch....	1½ x 6	8	12	18	24
Per dozen	\$3.20	3.80	4.80	6.20	9.00

Half dozen in a box.

WITH BEAL BRONZE KNOB AND PLATE.

No. 703—Real Bronze.

Inch....	1½ x 6	8	12	18	24
Per dozen	\$10.00	11.50	15.00	19.00	24.00

No. 704—Berlin Bronzed.

Inch....	1½ x 6	8	12	18	24
Per dozen	\$4.00	4.50	5.50	7.00	10.00

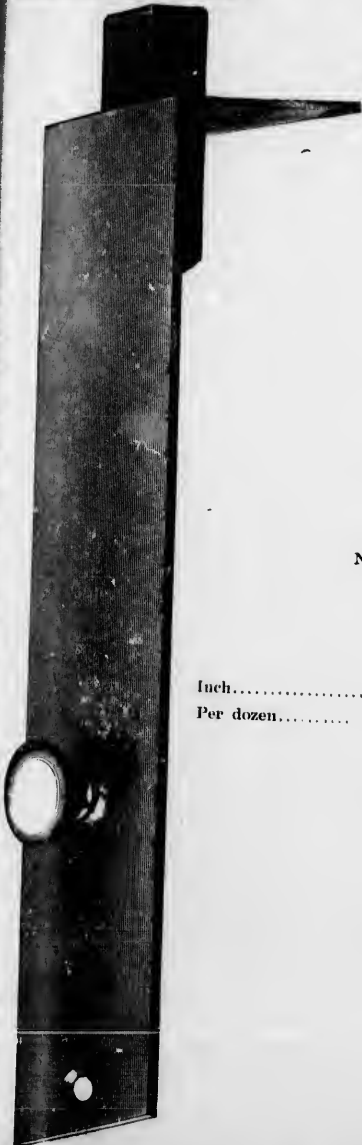
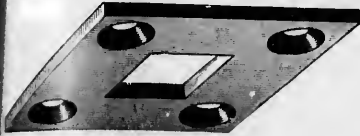
No. 705—No. 10 Finish, Bronze Plated.

Inch....	1½ x 6	8	12	18	24
Per dozen	\$4.70	5.50	6.50	8.00	11.00

Half dozen in a box.



Full size cut of 8 inch.



FLUSH BOLTS

WROUGHT IRON FLUSH BOLTS, BRASS KNOB

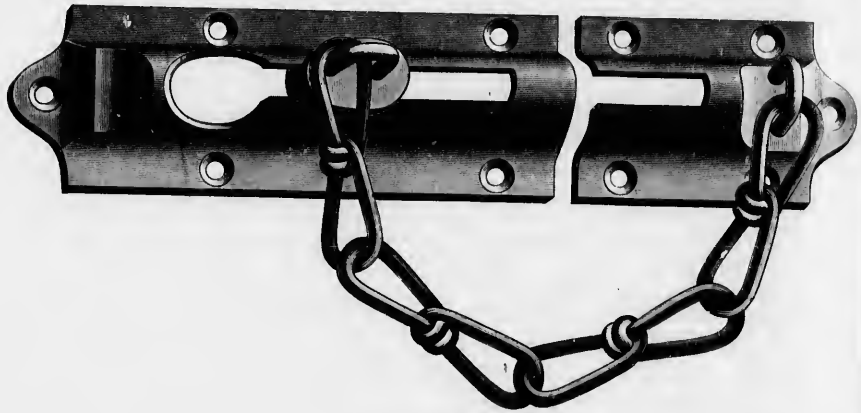
No. 152—Plate  $1\frac{1}{4}$  inch wide,  $\frac{1}{4}$  inch square bolt.

Flat strike plate.  $1\frac{1}{8}$  inch projection.

Inch.....	6	.....	8	.....	12
Per dozen.....	\$3.00	.....	3.60	.....	4.25

Half dozen in a box.

CHAIN DOOR FASTENINGS  
JAPANNED.



Cut, two-thirds size.

No. 36—6 inch, japanned chain door fastenings. . . . . Per dozen \$2 25

Half dozen in a box.



Cut, two-thirds size.

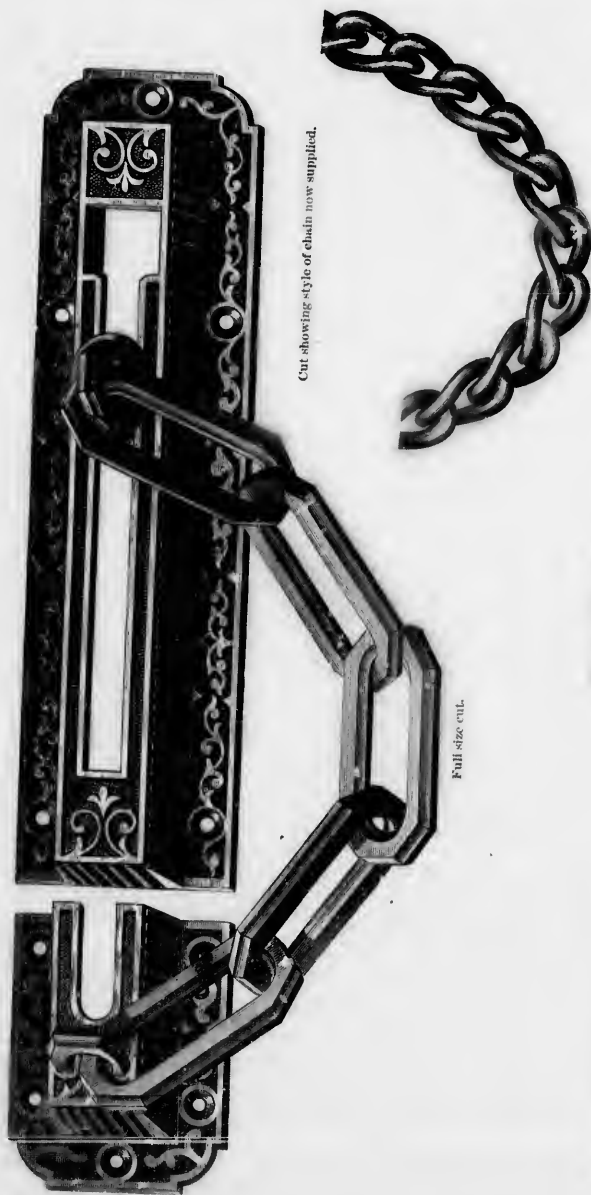
EXTRA HEAVY.

No. 46—6 inch, extra heavy, japanned chain door fastenings. . . . . Per dozen \$2 50

Half dozen in a box.

CHAIN DOOR FASTENINGS

CHAIN DOOR FASTENINGS



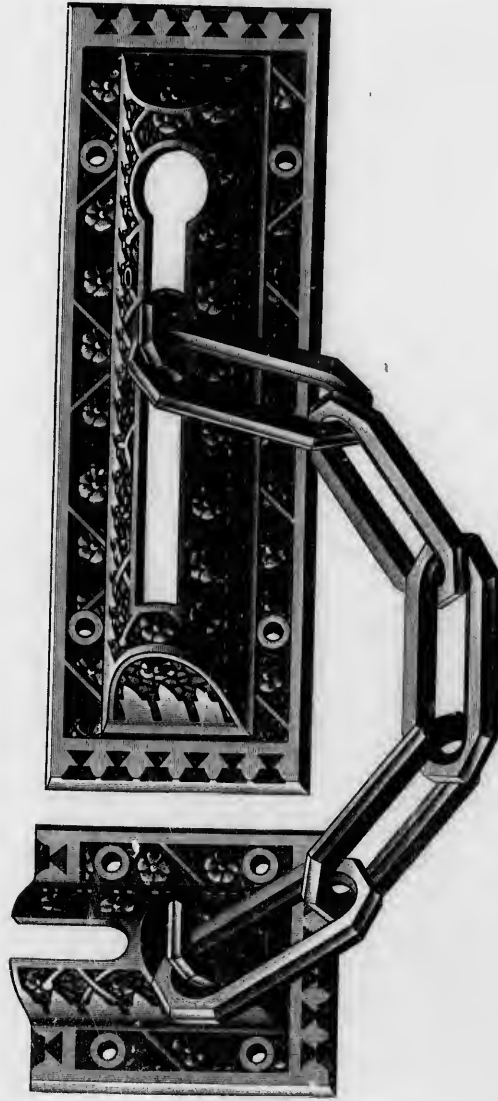
Cut showing style of chain now supplied.

Full size cut.

No. 50—Berlin bronzed, packed with screws.....	BERLIN BRONZED.....	Per dozen \$3.25
No K56—Tokio bronzed, packed with screws.....	TOKIO BRONZED.....	Per dozen 4.50
	Half dozen in a box.....	

BRONZE METAL CHAIN DOOR FASTENINGS

EKADO DESIGN.



Full size cut of No. C 96 E.

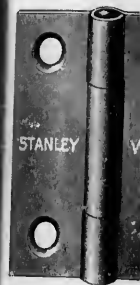
No. C 96 E, CHOCOLATE FINISH, BRONZE METAL.

No. C 96 E, bronze metal, chocolate finish, bronze metal chain, packed with screws. . . . . Per dozen \$16.00

Half dozen in a box.



Full size cut of

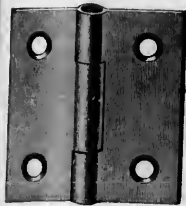


Full size cut of 2



Full size cut of 2 inch

WROUGHT STEEL BUTTS



Full size cut of 1 1/2 in.

LIGHT NARROW, FAST JOINT.—PLANISHED.

Inch.....	3-4	1	1 1/4	1 1/2	1 3/4	2
Per dozen pairs...	\$0.28	.82	.36	.43	.50	.60
Inch.....	2 1/4	2 1/2	2 3/4	3	3 1/2	4
Per dozen pairs...	\$0.66	.72	.84	.90	1.44	1.92

4 inch, half dozen pairs in a box ; other sizes, one dozen pairs.



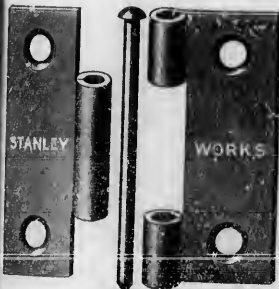
Full size cut of 2 inch.

NARROW, FAST JOINT.

Inch.....	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4
Per dozen pairs.....	\$0.32	.36	.43	.50	.60	.66	.72	.84
Inch.....	3	3 1/4	3 1/2	3 3/4	4	4 1/2	5	5 1/2
Per dozen pairs.....	\$0.90	1.08	1.44	1.68	1.92	2.70	3.30	4.30

3 1/2 inch and smaller, one dozen pairs in a box ; 3 3/4 inch and larger, half dozen pairs.

Wrought Steel Loose Pin Butts



Full size cut of 2 inch light, narrow.

LIGHT NARROW, LOOSE PIN.—PLANISHED.

Inch.....	1 1/2	1 3/4	2	2 1/4	2 1/2	3
Per dozen pairs.....	\$0.56	.65	.78	.86	.94	1.10

Bronzed, packed with screws, \$0.75 per dozen pairs extra, net.

One dozen pairs in a box.

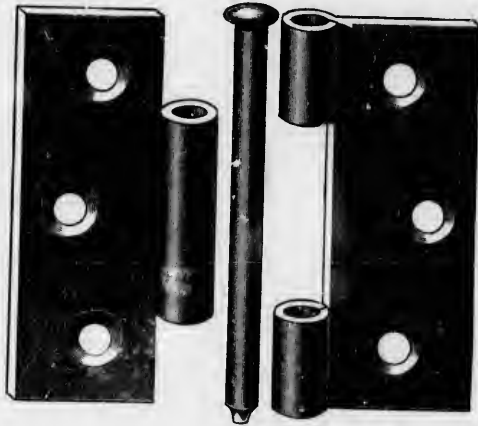
Per dozen \$16.00

Half dozen in a box.

No. C 96 E, bronze metal, chocolate finish, bronze metal chain, packed with screws.

No. C 96 E, CHOCOLATE FINISH, BRONZE METAL.

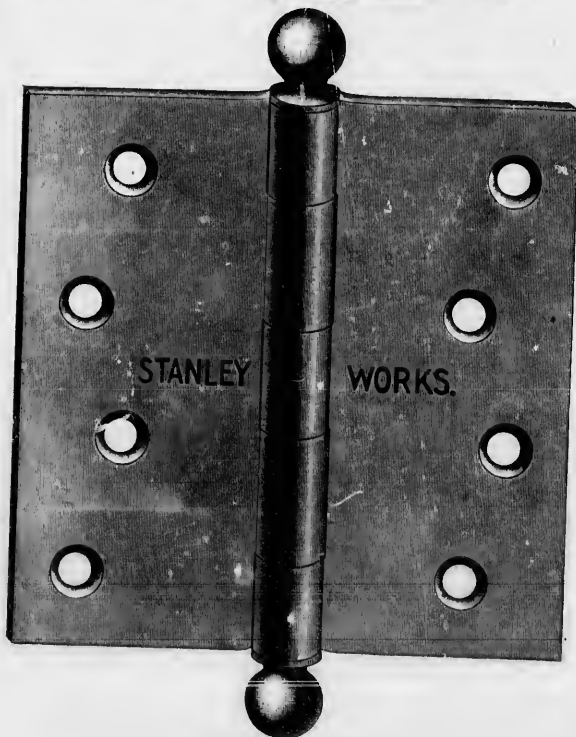
WROUGHT STEEL REVERSIBLE BUTTS



Loose Pin.

Inch.....	2 1-2 x 2	..	2 1-2 x 2 1-2	..	3 x 2 1-2
Per doz.	\$1.20	..	1.32	..	1.68
Inch.....	3 x 3	..	3 1-2 x 3	..	4 x 4
Per dozen.....	\$1.86	..	2.40	..	3.80
Inch.....	3 1-2 x 3 1-2	..	4 x 4	..	5 x 5
Per doz.....	\$2.70	..	3.80	..	5.50
Inch.....	4 1-2 x 4 1-2	..	5 x 5	..	
Per doz.....	\$4.25	..	5.50	..	

3 x 3 1/2 and smaller sizes, one dozen pairs in a box;  
larger sizes, half a dozen.



Full size cut of 4 x 4 inch.

WROUGHT STEEL.

Loose Pin.

Polished and Bronzed.

No. 241 1-2.

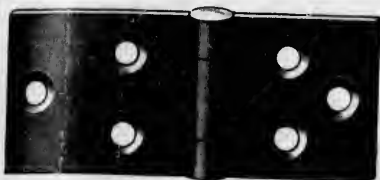
Inch.....	3 x 3	..	3 1-2 x 3 1-2	..	4 x 4
Per pair.	\$0.55	..	.60	..	.70
Inch.....	4 1-2 x 4 1-2	..	5 x 5	..	6 x 6
Per pair.	\$0.75	..	.90	..	1.20

Packed with screws.

One pair in a box.



WROUGHT STEEL BUTTS



Full size cut of 1 1/2 Inch.

Table Butts

Inch.....	1	1 1-8	1 1-4	1 3-8
Per dozen pairs.....	\$0.45	.50	.55	.60
Inch.....			1 1-2	1 5-8
Per dozen pairs.....			\$0.65	.70



Full size cut of 1 1/2 Inch.

Back Flaps

Inch.....	1	1 1-8	1 1-4	1 3-8
Per dozen pairs \$0.50 ...	.55	.60	.65	
Inch.....		1 1-2	1 3-4	2
Per dozen pairs.....	\$0.70	.80	.90	



Full size cut of 1 1/2 inch.

Light Inside Blind Butts

Inch.....	1	1 1-8	1 1-4	1 1-2
Per dozen pairs.....	\$0.45	.50	.55	.65



Full size cut of 1 1/2 inch.

Light Inside Blind, Loose Pin

PLANISHED.

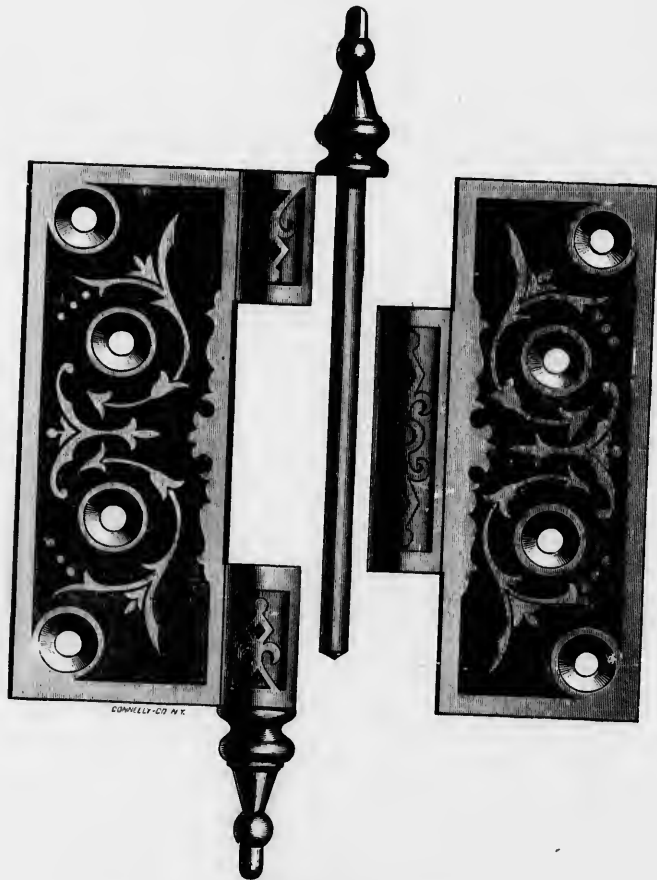
Inch.....	1 1-4	1 1-2
Per dozen pairs.....	\$0.75	.85

Bronzed, packed with screws, \$0.75 per dozen pairs extra, net.

All the above, one dozen pairs in a box.



LOOSE PIN, ACORN BUTTS



Full size cut of 4 x 4 inch.

Either right or left hand. Drilled.

No. 1, plain, with Steeple Tips.

Inch.....	2 1-2 x 2 1-2	3 x 2 1-2	3 x 3	3 1-2 x 3	3 1-2 x 3 1-2	4 x 4
Per dozen pairs .....	\$1.35	1.60	1.75	2.15	2.35	2.90
Inch.....				4 1-2 x 4 1-2	5 x 5	6 x 6
Per dozen pairs.....				\$4.00	5.50	7.60

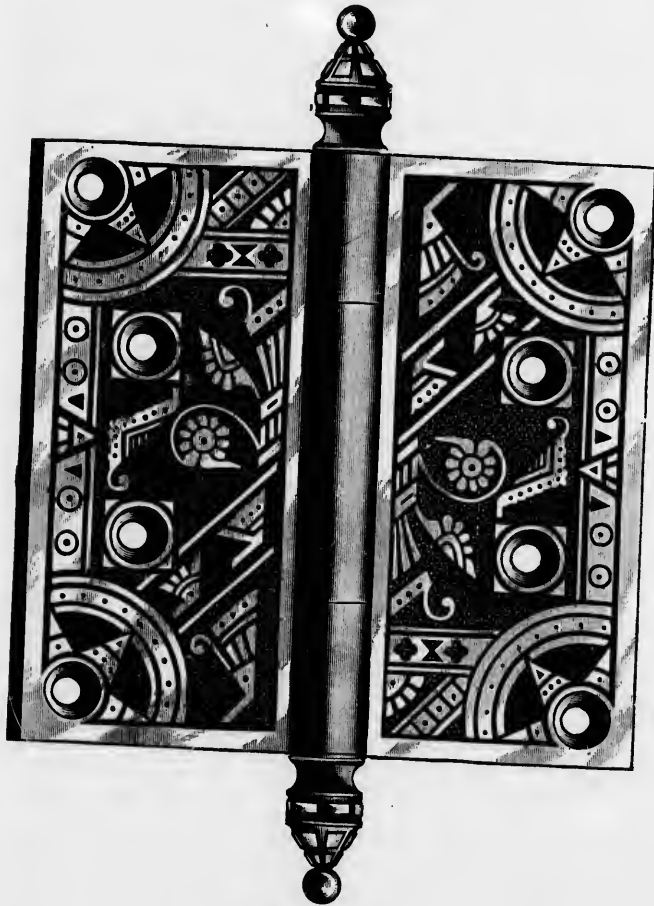
2 1/2 x 2 1/2 to 4 x 4, half dozen pairs in a box ; 4 1/2 x 4 1/2 and larger, quarter dozen pairs in a box.

Inch .....  
Per pair .....

Inch.....  
Per pair .....

LOOSE PIN, ACORN TIP BUTTS

PETERBOROUGH LOCK MFG. CO.



Full size cut  $4\frac{1}{2} \times 4\frac{1}{2}$ .

No. 2800—BRONZE METAL.

Inch.....	3 x 3	3 1-2 x 3 1-2	4 x 4	4 1-2 x 4 1-2	5 x 5	5 1-2 x 5 1-2	6 x 6
Per pair.....	\$1.70	2.00	2.50	3.20	3.80	4.50	5.50

No. 4800—BRONZE PLATED.

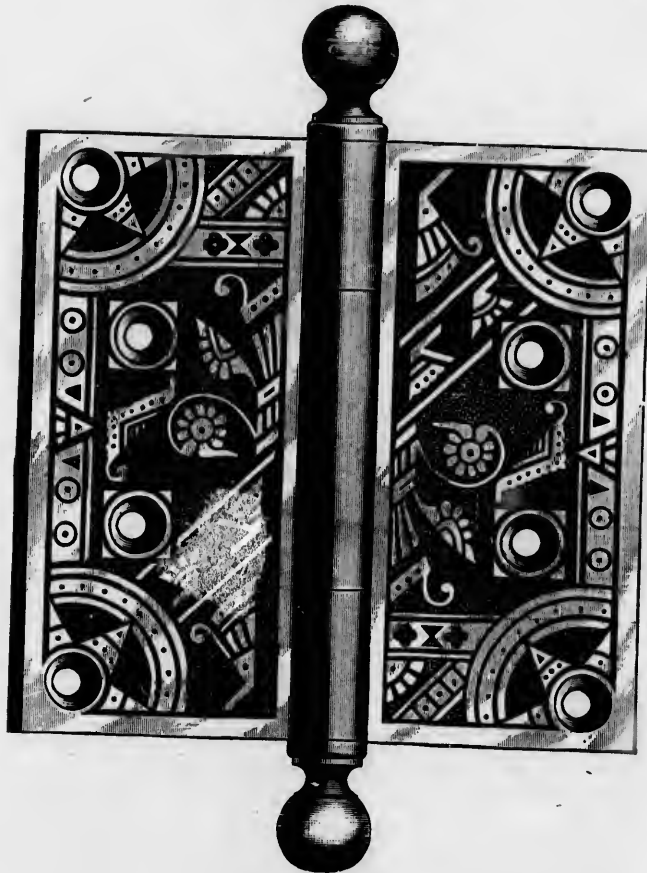
Inch.....	3 x 3	3 1-2 x 3 1-2	4 x 4	4 1-2 x 4 1-2	5 x 5	5 1-2 x 5 1-2	6 x 6
Per pair.....	\$0.70	.80	.90	1.00	1.20	1.40	1.80

Packed with screws. One pair in a box.

..... 4 x 4  
 ..... 2.90  
 ..... 6 x 6  
 ..... 7.00

LOOSE PIN, BALL TIP BUTTS

PETERBOROUGH LOCK MFG. CO.



Full size cut, 4½ x 4½.

No. 2900—BRONZE METAL.

Inch .....	3 x 3	..	3 1-2 x 3 1-2	..	4 x 4	..	4 1-2 x 4 1-2	..	5 x 5	..	5 1-2 x 5 1-2	..	6 x 6
Per pair .....	\$1.70	..	2.00	..	2.50	..	3.20	..	3.80	..	4.50	..	5.50

No. 4900—BRONZE PLATED.

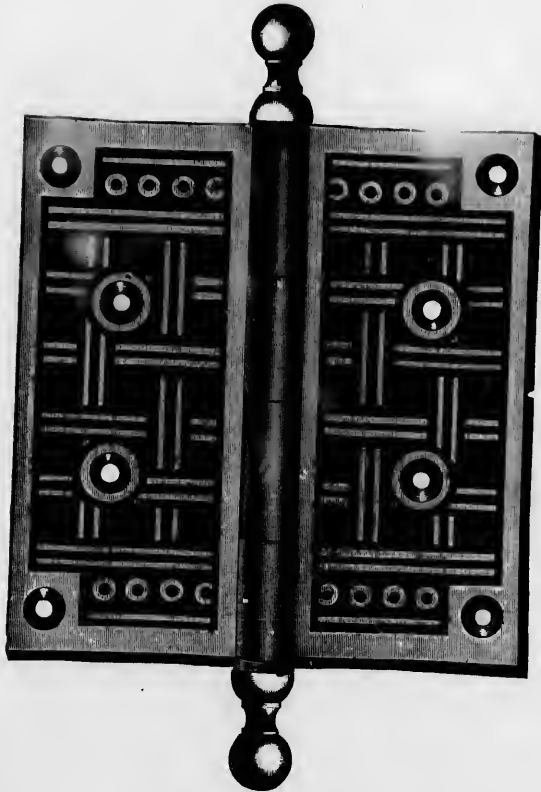
Inch .....	3 x 3	..	3 1-2 x 3 1-2	..	4 x 4	..	4 1-2 x 4 1-2	..	5 x 5	..	5 1-2 x 5 1-2	..	6 x 6
Per pair .....	\$0.70	..	.80	..	.90	..	1.00	..	1.20	..	1.40	..	1.80

Packed with screws. One pair in a box.

Inch.....  
Per pair.....  
  
Inch.....  
Per pair.....

LOOSE PIN, BALL TIP BUTTS

PETERBOROUGH LOCK MFG. CO.



Full size of cut of 4 x 4 inch.

No. 2802—BRONZE METAL.

Inch.....	3 x 3 ..	3 1-2 x 3 1-2 ..	4 x 4 ..	4 1-2 x 4 1-2 ..	5 x 5 ..	5 1-2 x 5 1-2 ..	6 x 6
Per pair.....	\$1.70 ..	2.00 ..	2.50 ..	3.20 ..	3.80 ..	4.50 ..	5.50

No. 4802—BRONZE PLATED.

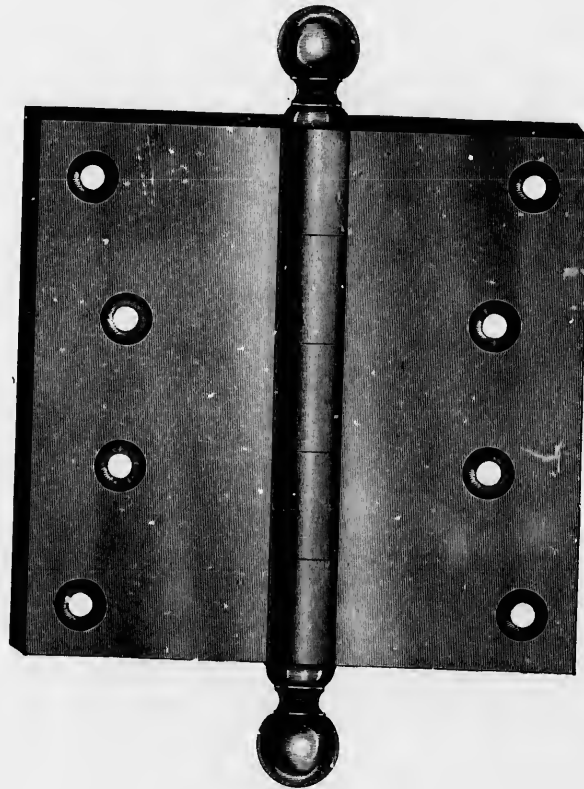
Inch.....	3 x 3 ..	3 1-2 x 3 1-2 ..	4 x 4 ..	4 1-2 x 4 1-2 ..	5 x 5 ..	5 1-2 x 5 1-2 ..	6 x 6
Per pair.....	\$0.70 ..	.80 ..	.90 ..	1.00 ..	1.20 ..	1.40 ..	1.80

Packed with screws. One pair in a box.



## LOOSE PIN, BALL TIP BUTTS

PETERBOROUGH LOCK MFG. CO.



Full size cut, 4 x 4.

## No. 801—POLISHED BRONZE METAL.

Inch.....	3 x 3	.. 3 1-2 x 3 1-2 ..	4 x 4	.. 4 1-2 x 4 1-2 ..	5 x 5	.. 5 1-2 x 5 1-2 ..	6 x 6
Per pair .....	\$1.90	.. 2.10 ..	2.60	.. 3.40 ..	4.00	.. 5.00 ..	6.00

## No. 4810—BRONZE PLATED.

Inch.....	3 x 3	.. 3 1-2 x 3 1-2 ..	4 x 4	.. 4 1-2 x 4 1-2 ..	5 x 5	.. 5 1-2 x 5 1-2 ..	6 x 6
Per pair .....	\$0.78	.. .90 ..	1.00	.. 1.10 ..	1.90	.. 1.60 ..	2.00

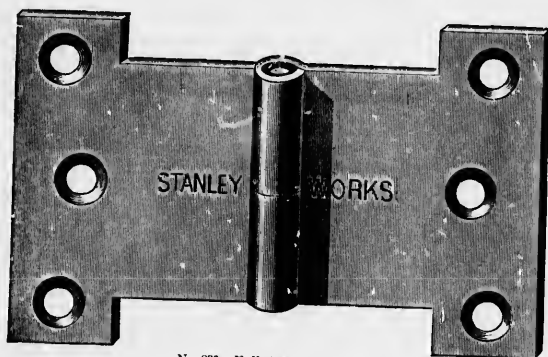
Packed with screws to match. One pair in a box.

Inch (when open) ..  
Per dozen pairs ...

No. 415A. Full s

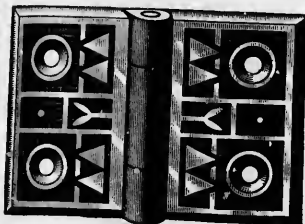
No. 400—Berlin bron  
No. 800—Bronzo met

WROUGHT STEEL PARLIAMENT BUTTS



No. 830. Full size cut of 4 inch.

inch (when open) .....	3	4	5	6
Per dozen pairs .....	\$1.10	1.30	1.50	1.90



Inside Shutter Hinges

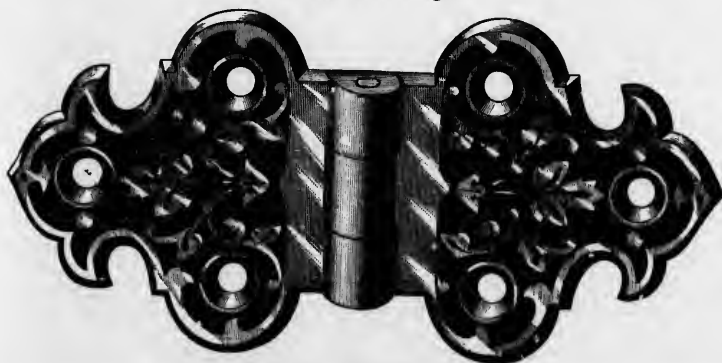
TOKIO BRONZED.

1 1-4 x 2 in. 1 1-2 x 2 1-4 in.

No. K 415 A—Tokio bronzed, packed with screws.  
Per dozen pairs... .. \$2.65 3.75

No. 415A. Full size cut of 1 1/2 x 2 1/4 inch.

Refrigerator Hinges



No. 400. Full size cut of 2 1/2 x 6 inch.

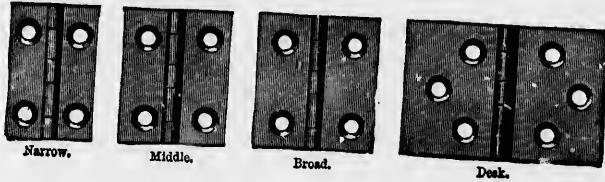
No. 400—Berlin bronzed, 2 1/2 x 6 inches, brass rivet, packed with screws ..... Per dozen pairs \$ 2.85  
No. 800—Bronze metal, 4 x 6 inches, brass rivet, packed with screws ..... Per dozen pairs 25.50  
Half dozen pairs in a box.

1-2 .. 6 x 6  
6.00

1-2 .. 6 x 6  
2.00

**WROUGHT BRASS BUTTS.**

Full Size Cuts of One Inch.



**Narrow, Middle, Broad and Desk Butts.**

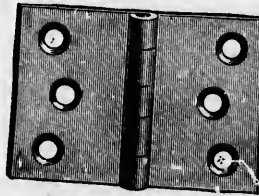
List Prices per Dozen Pairs.

Inches.....	<b>1-2</b>	<b>3-4</b>	<b>7-8</b>	<b>1</b>	<b>1 1-8</b>	<b>1 1-4</b>	<b>1 3-8</b>
Narrow.....	\$0.38	.38	.42	.48		.60	
Middle.....	.45	.45	.48	.54		.67	
Broad.....		.50	.52	.60		.80	
Desk.....		.60	.72	.87	1.08	1.27	1.50
Inches.....	<b>1 1-2</b>	<b>1 3-4</b>	<b>2</b>	<b>2 1-4</b>	<b>2 1-2</b>	<b>2 3-4</b>	<b>3</b>
Narrow.....	\$0.78	.96	1.23	1.73	1.92	2.12	2.80
Middle.....	.87	1.10	1.44	1.80	2.34	2.85	3.70
Broad.....	1.00	1.30	1.70	2.20	2.60	3.09	4.27
Desk.....	1.80						

ONE DOZEN PAIRS IN A BOX.

2 INCH AND SMALLER, 6 ONE DOZEN BOXES IN A LARGER BOX; 2 1/4 INCH AND LARGER, 3 ONE DOZEN BOXES IN A LARGER BOX.

**Wrought Brass Shutter Hinges.**



Full Size Cut of 1 1/4 x 1 3/4 Inches.

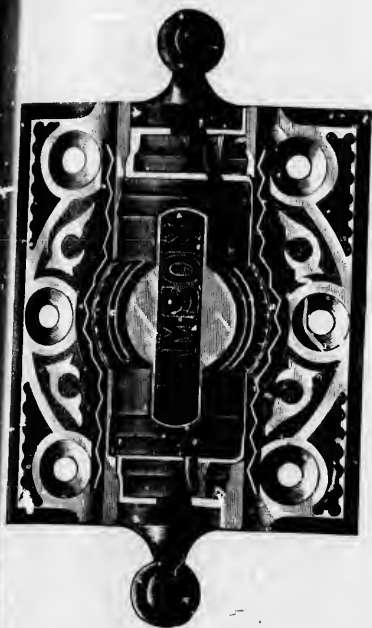
Inches when open.....	<b>1 1-4 x 1 3-4</b>
List, per dozen pairs.....	\$1.85

ONE DOZEN PAIRS IN A BOX.



**SURFACE SPRING HINGES**

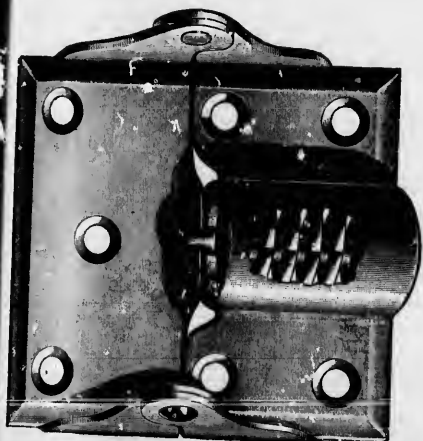
To swing one way.



The Samson.

No. 5—Royal bronze..... Per dozen pairs \$2.10

Half dozen pairs in a box.



No. 35, full size cut.

No. 35

Wrought steel, japanned.

Per dozen pairs..... \$2.10

Holds the door open or closed.

One dozen pairs in a box.

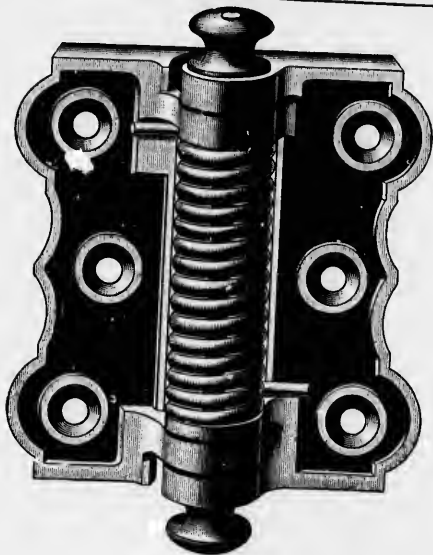
No. 15, "KNOXALL.

Cast iron, japanned.

2½ x 3¾ inches..... Per dozen pairs \$1.50

Holds the door open or closed.

One dozen pairs in a box.



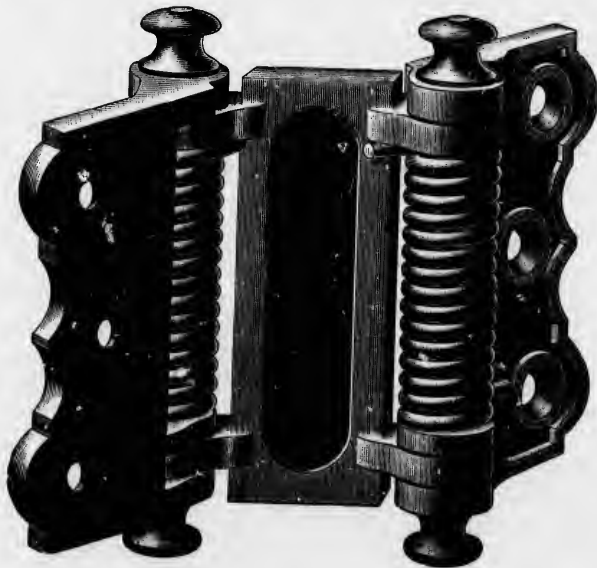
**SURFACE SPRING HINGES**

To swing one way.  
 Japanned, coppered springs.

**No. 165**

3-inch japanned ..... Per dozen pairs \$1.50  
 Half dozen pairs in a box.

Double acting, to swing both ways.



Japanned, coppered springs. For 1 to 1½ inch doors.

**No. 1165**—3-inch, without screws..... Per dozen pairs \$4.50  
 Half dozen pairs in a box.

Double act

No. 1125—3 x 1½ inch,  
 No. 1125—3 x 1¼ inch,

PATENT RATCHET SPRING HINGES

MORTISE.



Full size cut of No. 1125. Patented.

Double acting, to swing both ways. Adjustable tension, either right or left hand.

No. 1125—3 x 1½ inch, Tuscan bronzed, tinned spring, without screws .....	Per dozen pairs \$5.25
No. 1125—3 x 1½ inch, Tuscan bronzed, tinned spring, without screws .....	Per dozen pairs 5.40

Half dozen pairs in a box.

GEM SPRING HINGES



Double acting.

Japanned, Ball Tips.

Suitable for either right or left hand doors.

The largest hinges that the thickness of the doors will permit should always be used.

No.	Length of Flanges.	For doors not larger than	Per pair
133	3½ inch.	6 x 2 feet x ¾ to 1¼ inch	\$2.25
184	4 inch.	7 x 2 feet x 1 to 1¼ inch	2.60
185	5 inch.	7 x 2½ feet x 1 to 1¼ inch	3.60
196	6 inch.	7 x 2½ feet x 1 to 1¼ inch	4.50

One pair in a box.



Full size cut of 3-inch.

"Cartland's" Double Action Spring Hinges

No. 5353—To swing both ways.

Springs only.

Inch	3	3 1-2	4	4 1-2	5	6
For doors..	1½	1¾	1¾	2	2½	2½
Each.....	\$1.05	1.35	1.45	1.80	2.10	2.50

Shams only.

Inch	3	3 1-2	4	4 1-2	5	6
For doors..	1½	1¾	1¾	2	2½	2½
Each.....	\$0.45	.60	.85	1.00	1.05	1.15

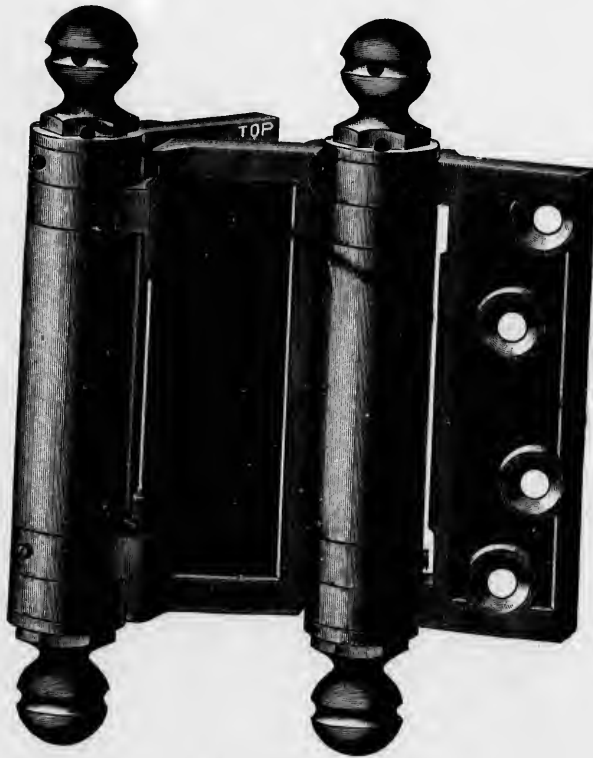
3 and 3½ inch, half dozen in a package.

Other sizes, one-quarter dozen.

For doors, inch.....  
Inch.....  
Per pair.....

MODEL SPRING HINGES

Double acting. Adjustable tension. Covered springs.



Full size cut of 3½ inch. Patented.

No. 1111—Japanned.

For doors, inch.....  
Inch.....  
Per pair.....

¾ to 1	.....	¾ to 1½	.....	1 to 1½	.....	1 to 1¾	.....
3 1-2	.....	4	.....	5	.....	6	.....
\$ 2.25	.....	2.75	.....	3.25	.....	4.25	.....

One pair in a box.

ermit should

Per pair  
..... \$2.25  
..... 2.60  
..... 3.00  
..... 4.50

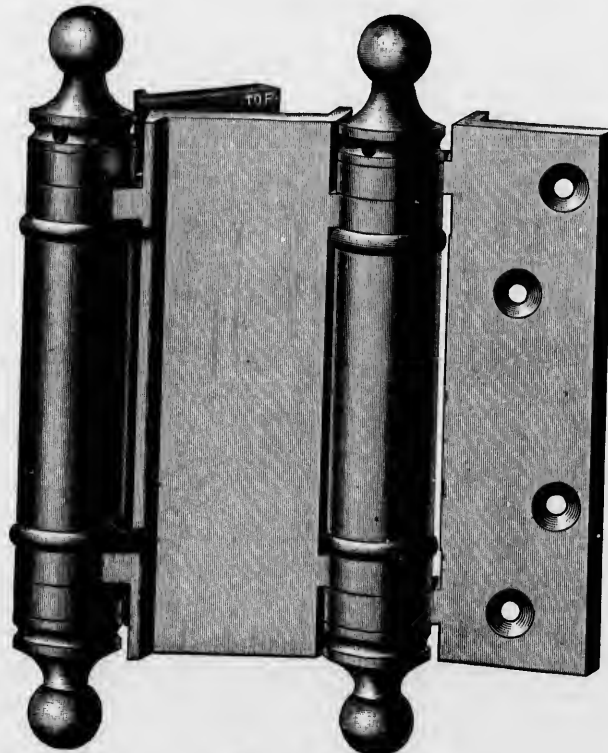
inges

5 6  
2½ 2½  
2.10 ..... 2.50

5 6  
2½ 2½  
1.05 ..... 1.15

MODEL SPRING HINGES

Double acting. Adjustable tension. Covered springs.



Full size cut of 4 inch. Patented.

No. Y1117—Highly polished. Bronze plated.

For doors, inch.....	$\frac{3}{4}$ to 1 $\frac{1}{8}$	.....	1 to 1 $\frac{1}{4}$	.....	1 to 1 $\frac{3}{8}$	.....	1 $\frac{1}{2}$ to 1 $\frac{1}{2}$
Inch.....	4	.....	5	.....	6	.....	7
Per pair.....	\$6.75	.....	8.00	.....	9.50	.....	10.50

One pair in a box. With screws.



No. 2—For doors.  
Per pair...

No. 1—For doors.  
Per pair...

No. 31—For doors.  
Per pair...

No. 3—For doors.  
Per pair...

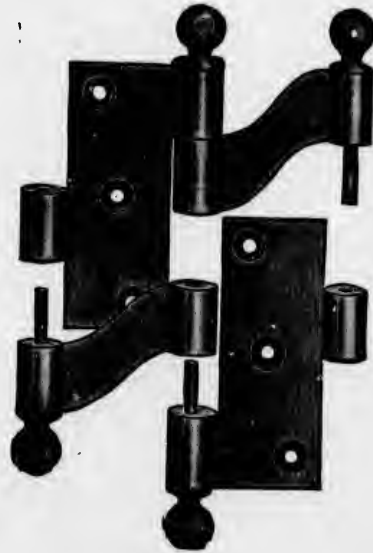
No. 33—For doors.  
Per pair...

To economize use a blank on outside below the spring.

CHICAGO DOUBLE AND SINGLE ACTING SPRING AND BLANK HINGES



Spring Hinge.



Blank Hinge.

Japanned, Single Acting Spring Hinges

No. 2—For doors.....							
Per pair.....				$\frac{3}{4}$ to $1\frac{1}{4}$			$1\frac{1}{2}$ to 2
				\$1.90			2.25

Japanned, Double Acting Spring Hinges

Lacquered Springs.

No. 1—For doors.....	$\frac{7}{8}$ to 1	$1\frac{1}{4}$ to $1\frac{1}{2}$	$1\frac{3}{4}$ to $1\frac{1}{2}$	$1\frac{3}{4}$ to 2	$2\frac{1}{2}$ to $2\frac{1}{2}$	$2\frac{3}{4}$ to $3\frac{1}{2}$
Per pair.....	\$1.20	1.50	2.50	4.00	7.00	10.00

Bronze Plated, Double Acting Spring Hinges

No. 31—For doors.....	$\frac{7}{8}$ to 1	$1\frac{1}{4}$ to $1\frac{1}{2}$	$1\frac{3}{4}$ to $1\frac{1}{2}$	$1\frac{3}{4}$ to 2	$2\frac{1}{2}$ to $2\frac{1}{2}$	$2\frac{3}{4}$ to $3\frac{1}{2}$
Per pair.....	\$3.00	3.75	5.50	7.50	10.00	14.00

When applied to the door, the spring is concealed when closed.

Japanned, Double Acting Blank Hinges

No. 3—For doors.....	$\frac{7}{8}$ to 1	$1\frac{1}{4}$ to $1\frac{1}{2}$	$1\frac{3}{4}$ to $1\frac{1}{2}$	$1\frac{3}{4}$ to 2	$2\frac{1}{2}$ to $2\frac{1}{2}$	$2\frac{3}{4}$ to $3\frac{1}{2}$
Per pair.....	\$0.60	0.75	1.25	2.00	3.50	5.00

Bronze Plated, Double Acting Blank Hinges

No. 33—For doors.....	$\frac{7}{8}$ to 1	$1\frac{1}{4}$ to $1\frac{1}{2}$	$1\frac{3}{4}$ to $1\frac{1}{2}$	$1\frac{3}{4}$ to 2	$2\frac{1}{2}$ to $2\frac{1}{2}$	$2\frac{3}{4}$ to $3\frac{1}{2}$
Per pair.....	\$1.50	1.88	2.75	3.75	5.00	6.50

To economize for light doors, put a spring hinge at the top and a blank hinge at the bottom of the door. Never use a blank on outside doors as it takes the full power of two springs to hold door against the draft. Always put it below the spring.

1 1/4 to 1 1/2  
7  
10 50

**WROUGHT BRASS SPRING HINGES**

For Show Cases, etc.



Full size cut of No. 1.

No. 1—Single acting, 2½ inch.....	Per dozen pairs \$ 8.60
No. 3—Single acting, 3 inch.....	Per dozen pairs 5.50
No. 9—Double acting, 3 inch.....	Per dozen pairs 10.60

One dozen pairs in a box.

**Patent "No-Slam" Screen Door Checks**



Showing the door closing

**An Automatic Check for Screen Doors**

Can be applied to any screen door in connection with any door spring or spring hinge. It is a durable check and will not rack the door.

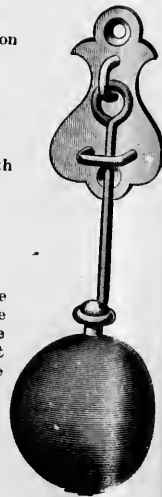
Rubber ball, nickel-plated trimmings.

No. 1 "No-Slam" screen door check, with screws.....	Per dozen
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Half dozen in a box.

**DIRECTIONS.**

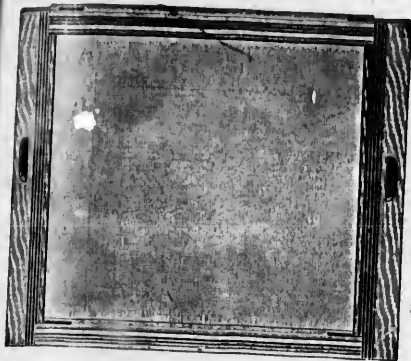
Screw the plate in an upright position on the inside of door (when door is closed) so that the ball, when hanging plumb, will just touch the door jamb. The check should be placed about midway between the top and bottom of the door.



Patented  
This cut is about two-thirds size.



DOOR AND WINDOW SCREENS



SELF-ADJUSTABLE WINDOW SCREEN

It is operated by a coil spring at each end of the wings. The iron rod on which the coil spring works is screwed into the wing with a thread and prevents the wing from warping or splitting, and is so adjusted to the frame that either end of the wing may be moved one-half inch to fit the window frame when out of plumb. It is made in three sizes and stained in walnut, extends six inches and fits all windows.

The wire cloth is fastened to the frame by pressing into a groove into which a welt is driven to hold it secure.

PRICE LIST OF SELF-ADJUSTABLE SCREEN.

Imitation Walnut.

Height in inches.	Width in inches.	Extends to inches.	No.	Per dozen.
24	25½	31½	17	\$4.50
29½	29½	35½	18	4.70
29½	33½	39½	19	5.40

All packed one dozen in crate, wire cloth covered to prevent damage in shipping.

DOOR SCREENS

Made from inch stock. Well finished in imitation of walnut, with three panels; the cloth is all put on with a stretcher, and pressed into a groove and held in place by a welt.

PRICE LIST OF DOOR SCREENS.

Imitation Walnut.

No.	Width.	Height.	Price per doz.
20	2 ft. 8 in.	6 ft. 8 in.	\$13.60
21	2 " 10 "	6 " 10 "	14.10
22	3 "	7 "	14.70

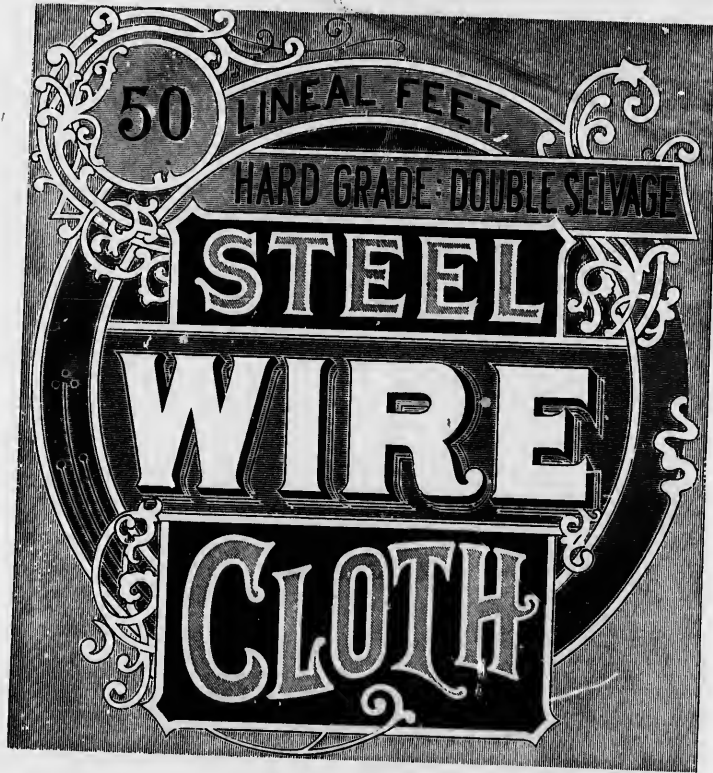
Half dozen in a crate.



Patented  
about 1880  
No. 100,000

dozen pairs \$ 3.60  
dozen pairs 5.50  
dozen pairs 10.00

STEEL WIRE SCREEN CLOTH



Painted Green.

Every roll of our hard grade screen cloth bears the above label.

Green painted screen wire cloth, 18 to 42 inches wide ..... Per 100 sq. feet \$2.75

In rolls of 50 and 100 lineal feet.

Table showing number of square feet from one to ten rolls, 50 feet each.

No. of Rolls	Lineal Feet	WIDTH.												42 in. wide
		18	20	22	24	26	28	30	32	34	36	38	40	
1.....	50	75	83½	91½	100	108½	116½	125	133½	141½	150	158½	166½	175
2.....	100	150	166½	183½	200	216½	233½	250	266½	283½	300	316½	333½	350
3.....	150	225	250	275	300	325	350	375	400	425	450	475	500	525
4.....	200	300	333½	366½	400	433½	466½	500	533½	566½	600	633½	666½	700
5.....	250	375	416½	458½	500	541½	583½	625	666½	708½	750	791½	833½	875
6.....	300	450	500	550	600	650	700	750	800	850	900	950	1000	1050
7.....	350	525	583½	641½	700	758½	816½	875	933½	991½	1050	1108½	1166½	1225
8.....	400	600	666½	733½	800	866½	933½	1000	1066½	1133½	1200	1266½	1333½	1400
9.....	450	675	750	825	900	975	1050	1125	1200	1275	1350	1425	1500	1575
10.....	500	750	833½	916½	1000	1083½	1166½	1250	1333½	1416½	1500	1583½	1666½	1750

H  
I  
P  
Inch  
Per D

SQUARE FEET

**HEAVY STRAP HINGES.**



**No. 935. Stanley's Corrugated Steel.**

*Less Weight and Freight, Greater Strength and Ornamental Effect.*

These Hinges will sustain a greater weight than the ordinary Heavy Strap and Extra Heavy T Hinges of corresponding sizes, and the list prices are practically the same.

Inches.....	<b>4</b>	<b>5</b>	<b>6</b>	<b>8</b>	<b>10</b>
Per Dozen Pairs.....	\$0.80	1.00	1.50	2.30	3.45

**Extra Heavy T Hinges.**



**No. 937. Stanley's Corrugated Steel.**

Inches.....	<b>5</b>	<b>6</b>	<b>8</b>	<b>10</b>
Per Dozen Pairs.....	\$1.35	1.70	2.80	3.80



100 sq. feet \$2.75

<b>40</b>	42 in. wide
166 $\frac{1}{2}$	175
333 $\frac{1}{2}$	350
500	525
666 $\frac{1}{2}$	700
833 $\frac{1}{2}$	875
1000	1050
1166 $\frac{1}{2}$	1225
1333 $\frac{1}{2}$	1400
1500	1575
1666 $\frac{1}{2}$	1750

SAVING FEET

**LIGHT STRAP HINGES**

Wrought Steel.



Inch.....	3	4	5	6	8	10
Per dozen pairs..	\$1.00	1.20	1.40	1.70	2.50	3.50

✓ □

**Heavy Strap Hinges**

Wrought Steel.



Inch .....	4	5	6	8	10	12 and larger
Per pound. ....	\$0.06 $\frac{1}{2}$	.06 $\frac{1}{2}$	.06	.06	.05 $\frac{1}{2}$	.05 $\frac{1}{2}$

Inch.....  
Per pound.....

**Light T Hinges**

Wrought Steel.



Inch .....	3	4	5	6	8	10
Per dozen pairs..	\$1.00	1.10	1.30	1.50	1.80	2.40

6, 8 and 10 Inch ...  
12 to 30 inch .....

HEAVY T HINGES



Wrought Steel.

Inch.....	4	5	6	8	10	12 and larger.
Per pound.....	\$0.07½	.07½	.06½	.06	.05½	.05½

Screw and Strap Hinges



Wood Screw Hook.

6, 8 and 10 inch .....	Per pound	\$0.06
12 to 30 inch .....	Per pound	.04½

Wrought Bent Hasps and Staples

No. 40.

No. 40—6 inch bent hasps and staples.....	Per dozen	\$0.45
---	-----------	--------

One dozen in a box.



10

3.50

12 and larger

.05½

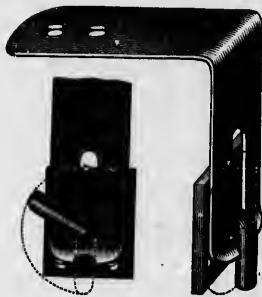
10

2.40

**CRATE HASPS**

Wrought Steel.

For fastening Fruit Crates, Berry Boxes, etc.



Half size cut of No. 1. Patented.



Half size cut of No. 12.

No. 1—"Delaware,".....Per single dozen \$0.50 | No. 12—Hinged.....Per single dozen \$0.60

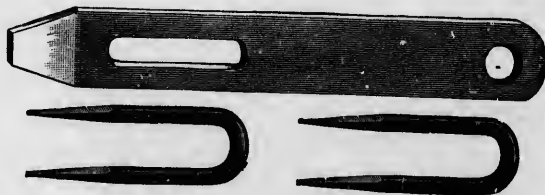
**Hinge Hasps or Padlock Hinges**



Wrought Steel.

Inch.....	3	4 1-2	6	8
Per dozen pairs.....	\$1.05	1.20	1.50	2 10

**Wrought Hasps and Staples**



Wrought Steel.

Inch.....	5	6	7	8
Per dozen.....	\$0.25	.30	.35	.40

One dozen in a box.

Inch .....  
Per dozen .....

Inch .....  
Per dozen .....

8 inch, combinati  
9 inch, combinati

Inch .....  
Per gross .....  
Inch .....  
Per gross .....

**WROUGHT HASPS AND STAPLES**

With Hook.



LIGHT.

Inch .....	6	7	8	9
Per dozen .....	\$0.35	.40	.45	.50

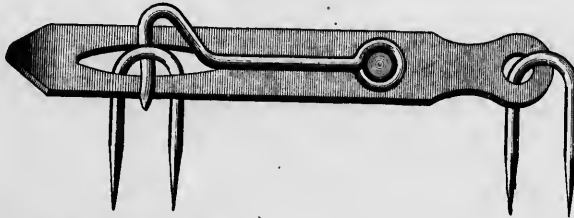
HEAVY.

Inch .....	6	7	8	9
Per dozen .....	\$0.45	.50	.55	.65

One dozen in a box.

**Combination Hasps and Staples**

With Round Hook.



8 inch, combination, extra heavy hasps and staples .....	Per dozen	\$1.20
9 inch, combination, extra heavy hasps and staples .....	Per dozen	1.35

Assorted right and left. One dozen in a box.

**Wrought Hooks and Staples**



Inch .....	1-4 x 4	1-4 x 5	1-4 x 6
Per gross .....	\$4.00	4.25	4.80
Inch .....	5-16 x 4	5-16 x 5	5-16 x 6
Per gross .....	\$5.00	5.25	5.60
			6.00

One-quarter gross in a box.

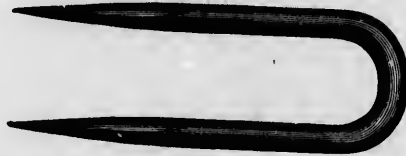


No. 12.  
single dozen \$0.60

8  
2 10

8  
40

WROUGHT STEEL STAPLES



Inch.....	1	1 1/2	2	2 1/4	2 1/2	3	3 1/2	4
Per gross.....	\$1.20	1.25	1.70	2.00	2.85	3.20	3.70	5.25

1 1/2 to 2 1/2 inch one gross in a box, 2 3/4 to 4 inch half gross.

Coppered Steel Wire Staples



Barbed Blind Staples.

Inch.....	3-8	7-16	1-2	5-8	3-4
Per pound.....	\$0.15	.15	.15	.15	.15

Ten pounds in a box.



Barbed Bed Staples.

Inch.....	5-8	3-4	7-8	1
Per pound.....	\$0.11	.11	.11	.11

Ten pounds in a box, or in bulk.

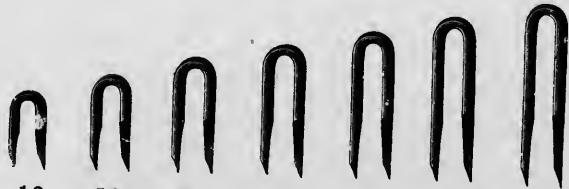
Basket Fasteners



Coppered steel wire basket fasteners.....	Per pound \$0.15
---	------------------

Two pounds in a package.

Flat Steel Round-Crown Staples



1-2      5-8      3-4      7-8      1      1 1/8      1 1/4 inch.

Sharp-Pointed Flat Steel Wire

Inch.....	1-2	5-8	3-4	7-8	1	1 1/4	1 1/2	1 3/4
Per pound.....	\$0.16	.16	.16	.16	.14	.14	.14	.14

Ten pounds in a box and in bulk. If in one pound packages, 1 cent per pound extra, net.

Inch, 5-8 x 3-4  
Per pound .....

Inch.....  
No. Wire Gauge.  
Per 100 pounds .....

Plain strawboard,  
Dry fibre sheathing  
No. 1 O.K. sheathing  
No. 2 O.K. sheathing  
Tared strawboard  
Tared wool felt, for

Tared felt, 32 inch

Red rosin sized sheathing  
Parchment building

Best moth proof card

Size.....  
Weight per ream, lb  
Best brown hardware  
Best Rag paper.....

5 lbs. per ream, 13 x  
7 lbs. per ream, 15 x



BARREL AND BOX STAPLES



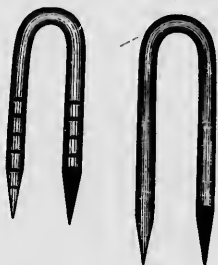
Plain.



Patent.

Inch, 5-8 x 3-4 .....	Plain.	Patent.	Flat Wire.
Per pound .....	\$0.10	.11	.11

Galvanized Fence and Poultry Netting Staples



Inch .....	1	1 1-4	1 1-2	1 3-4	2
No. Wire Gauge .....	12	9	9	9	9
Per 100 pounds .....	\$3.00	6.00	5.50	5.50	5.50

100 pounds in a keg.

Building Paper



Plain strawboard, for lining buildings, 32 inches wide .....	Per roll	\$0.90
Dry fibre sheathing, for lining buildings, 32 inches wide .....	Per roll	1.05
No. 1 O.K. sheathing, 36 inches wide .....	Per roll	1.15
No. 2 O.K. sheathing, 36 inches wide .....	Per roll	1.05
Tarred strawboard, 32 inches wide .....	Per roll	0.90
Tarred wool felt, for roofing, 32 inches wide .....	Per roll	2.40
400 feet in a roll.		
Tarred felt, 32 inches wide .....	Per 100 lbs.	\$2.60
In rolls of 30 to 40 lbs.		
Red rosin sized sheathing, 36 inches wide .....	Per roll	\$0.85
Parchment building paper, 36 inches wide .....	Per roll	2.10
500 feet in a roll.		

Carpet Felt

Best moth proof carpet felt .....	Per 100 lbs.	\$3.75
-----------------------------------	--------------	--------

Wrapping Paper

Size .....	20 x 30	24 x 36	30 x 40	30 x 40	34 x 48
Weight per ream, lbs. ....	20	40	60	80	120
Best brown hardware paper. Per lb. ....	\$0.06	.06	.06	.06	.06
Best Rag paper .....	.04½	.04½	.04½	.04½	.04½

White Tea Paper

5 lbs. per ream, 13 x 17 inches .....	Per ream	\$0.45
7 lbs. per ream, 15 x 20 inches .....	Per ream	.60

3 1-2 4  
3.70 5.25

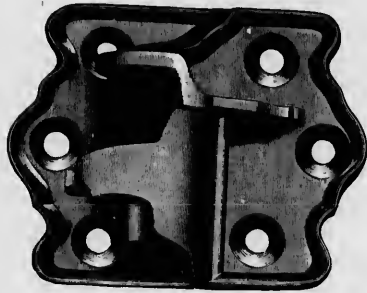


Staples.  
7-8 1  
.11 .11  
ulk.

Per pound \$0.15

1 3-4  
.11

**BLIND HINGES**



Full size cut of No. 10.

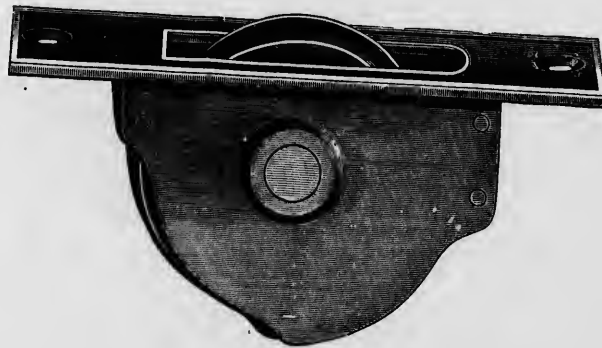
**Empire Self Locking.**

**Patented.**

The only hinge in the market permitting the use of storm sash without cutting sash or removing hinge.

- |                                     |                |        |
|-------------------------------------|----------------|--------|
| No. 1—For wood.....                 | Per dozen sets | \$1.30 |
| Throws blind 1¼ inches from casing. |                |        |
| No. 3—For brick.....                | Per dozen sets | 2.00   |
| Throws blind 3¼ inches from casing. |                |        |
| No. 5—For brick.....                | Per dozen sets | 4.25   |
| Throws blind 4½ inches from casing. |                |        |

**Frame Pulleys**



**Polished Wheel, Turned Axle.**

- |                                   |           |        |
|-----------------------------------|-----------|--------|
| No. 106—2¼ inch, panel front..... | Per dozen | \$1.10 |
| Packed as wanted.                 |           |        |

**Polished Wheel Turned Axle, Brass Face.**

- |                                     |           |        |
|-------------------------------------|-----------|--------|
| No. 14475—1¾ inch, plain front..... | Per dozen | \$1.05 |
| No. 14475—2 inch, plain front.....  | Per dozen | 2.35   |
| No. 14475—2¼ inch, plain front..... | Per dozen | 2.75   |

One dozen in a package.

FRAME PULLEYS.



Empire.



Common Sense.

Empire, 2 Inch Wheel.....	Per Dozen	\$0.40
Common Sense, 2 Inch Wheel.....	Per Dozen,	.40



Full Size Cut No. 12

No. 11. 1½ Inch Wheel.....	Per Dozen, \$	0.35
No. 12. 2 Inch Wheel.....	Per Dozen,	.38
No. 13. 2½ Inch Wheel.....	Per Dozen,	.50

IN BULK, 100 DOZEN IN A BARREL.

the use of storm sash

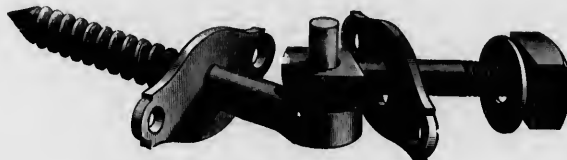
per dozen sets \$1.30  
 sing.  
 per dozen sets 2.00  
 sing.  
 per dozen sets 4.25  
 ing.

Per dozen \$1.10

Per dozen \$1.00  
 Per dozen 2.35  
 Per dozen 2.75

GATE HINGES AND LATCHES

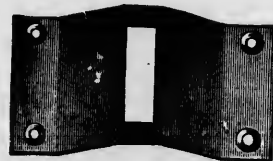
To swing both ways.



Half size cut of upper hinge. Wrought iron.



Half size cut of lower hinge.



No. 275—Japanned hinge, upright latch.....Per dozen sets \$7.35

One-sixth dozen sets in a box.



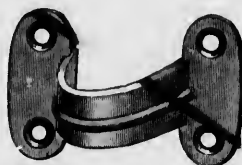
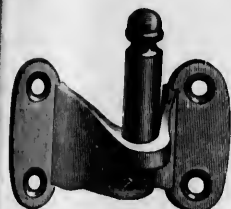
No. 225—Western

No. 65—Hinges only

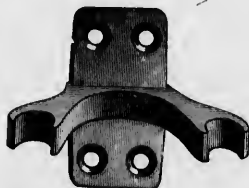
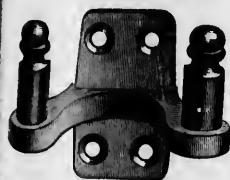
No. 65—Complete wi

**WESTERN GATE HINGES**

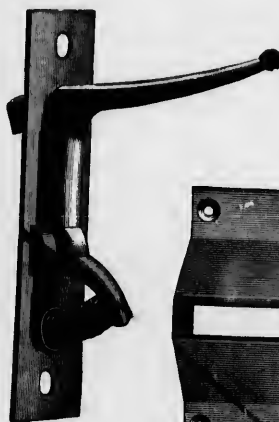
To swing both ways.



Half size cut of upper hinge.



Half size cut of lower hinge.

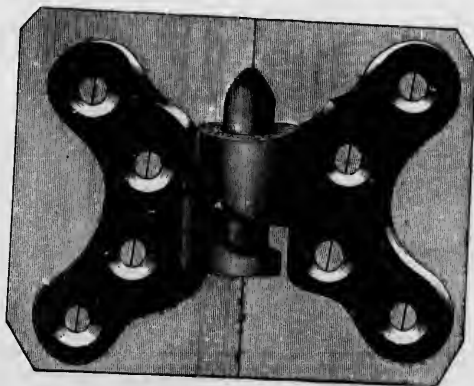


Riveted Latch.  
Half size cuts.

No. 225—Western gate hinges with latch ..... Per dozen sets \$4.50  
One-sixth dozen sets in a box.

**Surface Gate Hinges**

Self-shutting. To swing one way.



No. 65—Hinges only (half right and half left hand) ..... Per dozen \$2.25  
Half dozen pairs in a box.

No. 65—Complete with spiral spring latch ..... Per dozen 3.50  
One-third dozen sets in a box.

dozen sets \$7.25

GATE HINGES AND LATCHES

No. 10, Clark's.

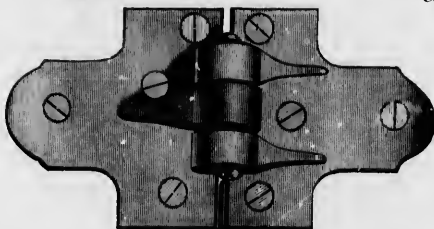
Self-closing. Reversible for right or left hand gate.



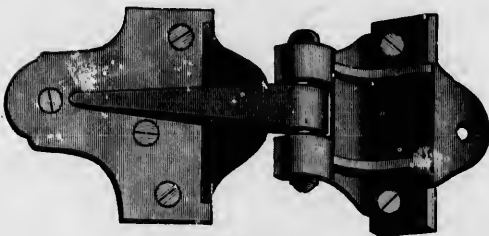
Latch.



Catch.



Upper Hinge.



Lower Hinge.

Cuts half size.

No. 10—Complete, with latches	Quarter dozen sets in a box.	Per dozen	\$4.25
No. 10—Hinges only	Quarter dozen sets in a box.	Per dozen	\$2.70
No. 10—Latches only	One dozen in a box.	Per dozen	\$1.55

No. 60—Complete w

No. 60—Hinges only

No. 60—Latches only

GATE HINGES AND LATCHES

No. 60

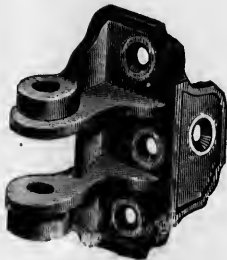
Self-closing. Reversible.



Upper Hinge.



Latch.



Lower Hinge.



No. 60—Complete with latches..... Per dozen \$4.25  
 One set in a box.

No. 60—Hinges only..... Per dozen 2.70  
 Quarter dozen sets in a box

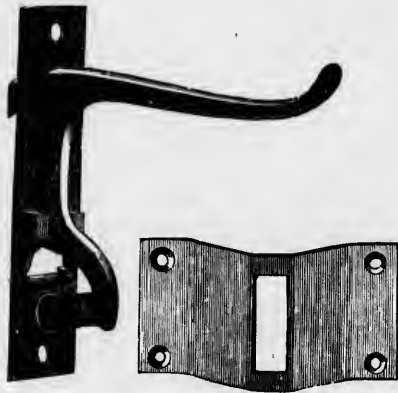
No. 60—Latches only..... Per dozen 1.35  
 One dozen in a box.

Per dozen \$4.25

Per dozen \$2.70

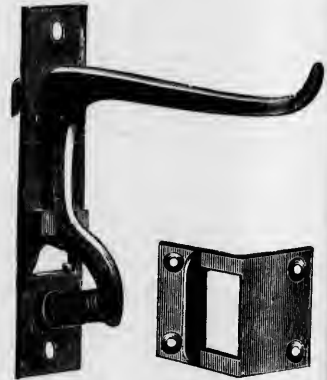
Per dozen \$1.35

GATE LATCHES



Spiral spring action.

For gates swinging both ways.



Spiral spring action.

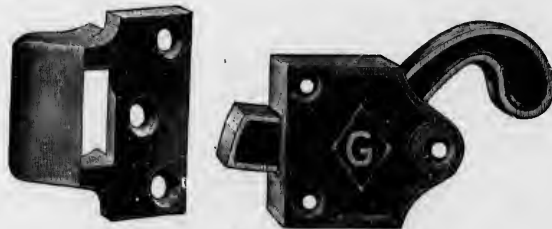
For gates swinging one way.

No. 65—Spiral spring gate latches ..... Per dozen \$1.55

One dozen in a box.

When ordering state whether to swing one or both ways.

Gravity Gate Latches



Half-size cut No. 3.

Surface. Gravity action. For gates swinging one way.

No. 3—Japanned ..... Per dozen \$1.55

One dozen in box.

No. 263—Japan

No. 4731—Bron

No. 4730—Bron

No. 1736—Japan  
No. 1736—Highly



DOOR PULLS



No. 263—Japanned wire door pulls, for screen doors..... Per gross \$2.10  
 One quarter gross in a box

Door Pulls

PETERBOROUGH LOCK MFG. CO.

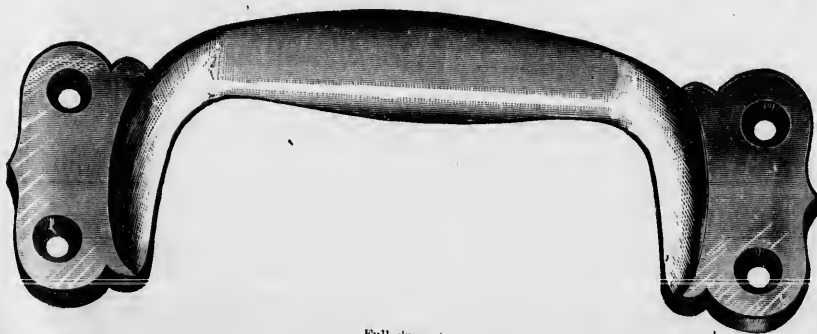


No. 4731—Bronze plated door pulls..... Per dozen \$1.60



Full size cut.

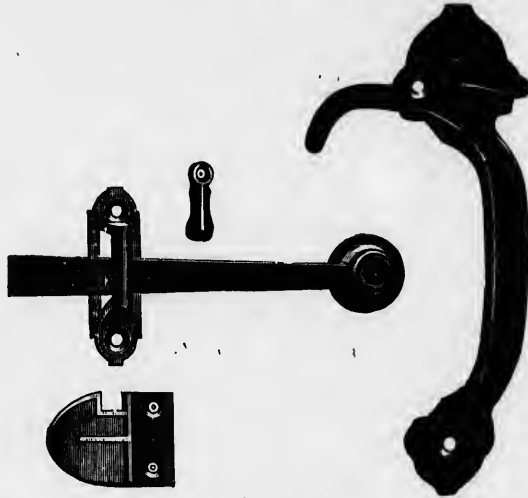
No. 4730—Bronze plated door pulls..... Per dozen \$1.70



Full size cut.

No. 1736—Japanned..... Per dozen \$  
 No. 1736—Highly polished bronze..... Per dozen 5.50  
 One dozen in a box.

JAPANNED THUMB LATCHES



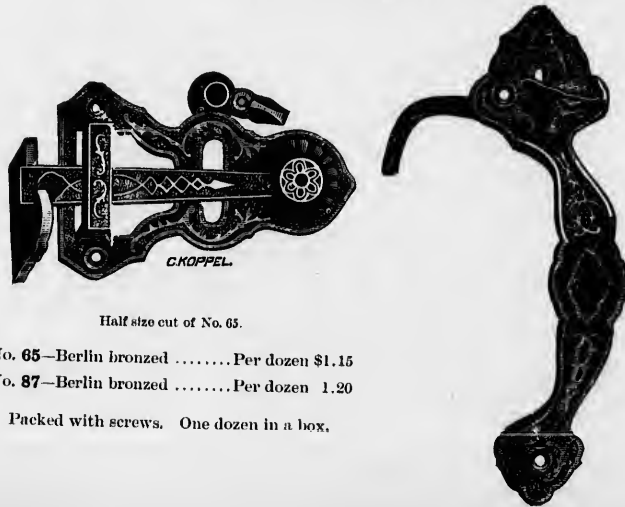
Half size cut of No. 2.

Japped, wrought latch.

Nos.....	.....	2	.....	3	.....	4
Per dozen.....	.....	\$0.55	.....	.60	.....	.70

One dozen in a box. Twelve dozen in a case.

Bronzed Cottage Latches



Half size cut of No. 65.

- No. 65—Berlin bronzed ..... Per dozen \$1.15
- No. 87—Berlin bronzed ..... Per dozen 1.20

Packed with screws. One dozen in a box.



- No. 1887—Berlin br
- No. 4—Royal bronze
- No. 3—Royal bronze

BRONZED STORE DOOR HANDLES



No. 1887.



No. 4

Half size cuts.

For either right or left hand doors.

No. 1887—Berlin bronzed .....	Per dozen	\$2.25
No. 4—Royal bronze .....	Per dozen	2.25
No. 3—Royal bronze (same as No. 4) without plate .....	Per dozen	1.50

Packed with screws. Half dozen in a box.

3  
.60

4  
.70

STORE DOOR HANDLES

PETERBOROUGH LOCK MFG. CO.



Cut shows size.

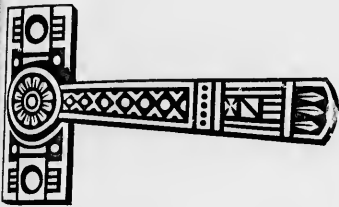
No. 4628—Bronze plated (No. 10 finish).....Per dozen \$8.00

One-sixth dozen in a box.

No. 4728—Bronze p

STORE DOOR HANDLES

PETERBOROUGH LOCK MFG. CO.



Cut shows  $\frac{3}{8}$  size.

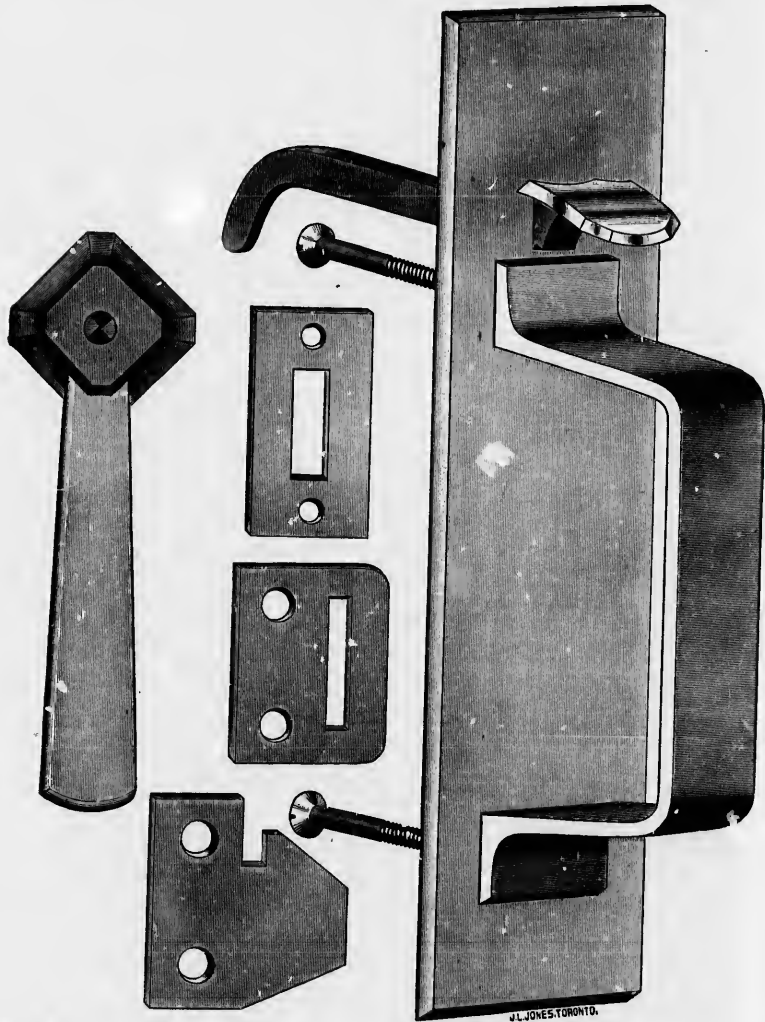
No. 4728 - Bronze plated (No. 10 finish) ..... Per dozen \$10.00

One-sixth dozen in a box.

Per dozen \$9.00

STORE DOOR HANDLES

Extra heavy. Bronze metal.



No. 6—Bronze metal (polished)..... Per dozen \$22.50

One set in a box.



No. 1



No. 5—Japanned, co



No. 1.

**STORE DOOR HANDLES**

JAPANNED.

Half size cuts.

- No. 1—Without plate..... Per dozen \$1.20
- No. 2—With plate..... Per dozen 1.35

Half dozen in a box.

**Extra Heavy Wrought Store Door Handles**

BRIGHT.

With heavy furniture.

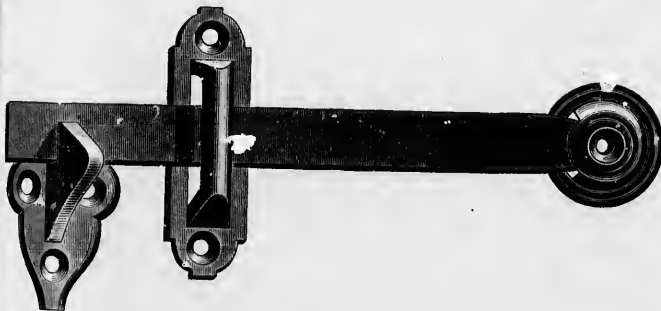
- No. 4—Heavy bent handle ..... Per dozen \$7.25
- No. 5—Heavy bent handle ..... Per dozen 8.75

Half dozen in wood box.



No. 2.

**Barn Door Latches**



Half size cut.

Extra heavy, wrought latch.

- No. 5—Japanned, complete with handle ..... Per dozen \$2.00

Half dozen in a box.



per dozen \$22.50

BARN DOOR HASP AND LATCH



Half size cut of No. 8.

Long heavy hasp, with staple catch.

No. 8—Japanned, with handle, complete as per cut ..... Per dozen \$2.10

Half dozen in a box.

Stable Door Latches



No. 195—Japanned stable door latch..... Per dozen \$3.75

Half dozen in a box.

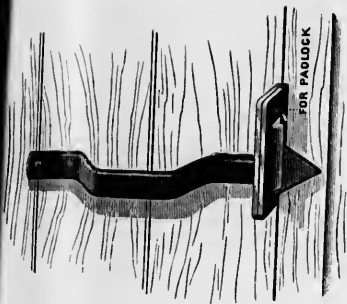
This latch is  
 It is so cons  
 of the door to be  
 latch and for mov  
 While we of  
 No. 1—Lane's barr  
 No. 2—Lane's barr

The "Hamilton" all  
 Barn  
 Japanned barn door c  
 No. 1—Japanned barr

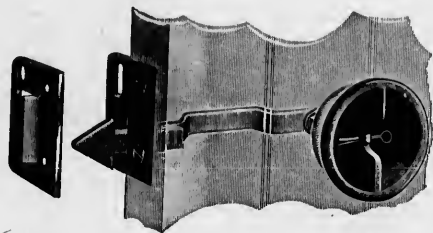


**SLIDING DOOR LATCH**

Made of steel.



Front view.



Catch.

Transparent view, showing side next the partition.

JAPANNED.

This latch is adjustable for doors of varying thickness. It is so constructed as to be unfastened from either side, yet presents no projecting portion on the partition side of the door to be in the way. It also affords a good hold for the hand on each side of the door, both for working the latch and for moving the door.

While we offer this as a latch only, it also admits of being locked, as shown by the cut.

- No. 1—Lane's barn door latches, wrought steel .....
  - No. 2—Lane's barn door latches, wrought steel, with lock .....
- Per dozen \$5.25  
Per dozen 8.00
- One dozen in a box.

**Wrought Barn Door Latch**

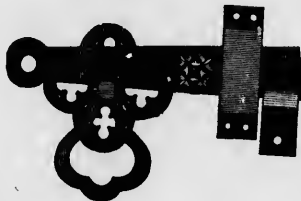


- The "Hamilton" all wrought barn door latch, extra heavy .....
- Per dozen \$5.00

**Barn Door Catch**



**Barn Door Latch**



Per dozen \$3.75

- Japanned barn door catch .....
  - No. 1—Japanned barn door latch .....
- BARN DOOR CATCHES.  
BARN DOOR LATCHES.
- Per dozen \$2.00  
Per dozen \$6.75

**BARN DOOR STAY ROLLERS**



**Patent Adjustable Hinge Stay Roller.**

This roller can be adjusted to any thickness of door by opening or closing the hinge. It is very strong and durable and cannot become loose and turn over when in use.

Japanned..... Per dozen \$1.00



Barn door stay rollers, japanned, wrought screw stem..... Per dozen \$1.50

**Barn Door Bolts**



One-half size cut of six inches.

Can be used from inside or outside of door.

Japanned, with heavy bolt.

No. 13—Japanned, heavy barn door bolt, 8 inch..... Per dozen \$2.55

Half dozen in a box.



ACME.

ACME steel frame  
ACME steel frame  
ZENITH barn door  
STEARN'S patent  
STEARN'S patent



Perfe

BARN DOOR HANGERS



ACME.



ZENITH.



STEARNS'.

ACME steel frame barn door hangers, 4 inch .....	Per dozen pairs \$7.50
ACME steel frame barn door hangers, 5 inch .....	Per dozen pairs 8.25
ZENITH barn door hangers. ....	Per dozen pairs 9.50
STEARNS' patent barn door hangers, 4 inch .....	Per dozen pairs 5.75
STEARNS' patent barn door hangers, 5 inch.....	Per dozen pairs 7.00

New Perfection

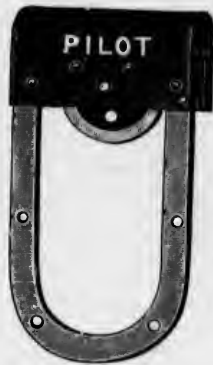
STEEL, COVERED ANTI-FRICTION DOOR HANGER.  
With Steel Channel and Loose Steel Axle.



Perfection.

The steel channel rolled in one piece forms a strong, perfect rider bar. The axle having a wide bearing surface in the channel, and the wheel revolving on the axle prevents wear at the end of the rider bar. The under lip of the channel can be bent downward and the wheel taken out if desired. The rider bar being angle in shape, makes it very strong. The channel is made wide, which keeps the wheel from jumping the track.

No. 1—6 feet run, for light doors.....	Per dozen pairs \$ 9.00
No. 11-2—10 feet run, for standard size doors..	Per dozen pairs 10.50
No. 2—12 feet run, for heavy doors .....	Per dozen pairs 12.75
No. 3—15 feet run, for extra heavy doors.....	Per dozen pairs 24.00

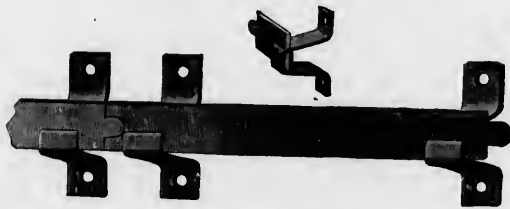


**PILOT  
ANTI-FRICTION STEEL BARN DOOR HANGER**

The steel axle of the wheel runs on the face of a double set of smaller wheels (on same principle as an anti-friction grindstone hanger), which are encased within a heavy steel cover. The axles of the small wheels are fastened to the inner supports and the cover, thus making a hanger which is entirely covered. The groove in the large wheel and all its bearings being turned, makes it run perfectly true. It has no equal either in strength or durability.

No. 1—For standard size doors.....Per dozen pairs \$14.25

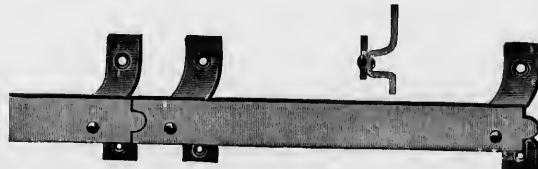
**The P. L. B. Patent Steel Door Rail**



THE PERFECTION LOCK BRACKET RAIL has the steel bracket passing through the rail and locked. It is very strong, and can be used in connection with any grooved wheel hanger.

Regular lengths, 6, 8 and 10 feet.....Per foot \$0.65

**Lane's Steel Bracket Door Rail**



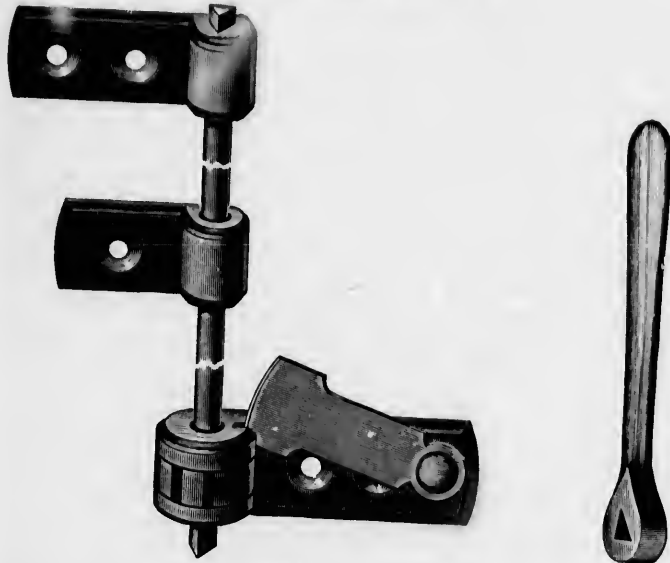
This rail is strong and easily put up, and can be used in connection with any grooved wheel hanger.

Regular lengths, 6, 8 and 10 feet.....Per foot \$0.65

TORREY, Japanned

No. 161—Japanned,  
No. 162—Japanned,  
No. 163—Japanned,

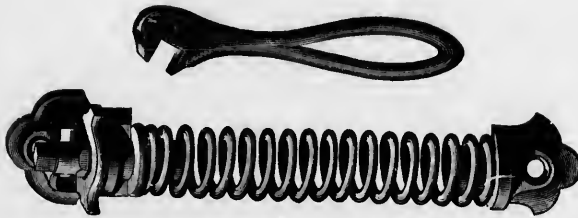
TORREY DOOR SPRINGS



TORREY

TORREY, japanned, malleable iron fittings, 3/4 inch steel rod, packed with screws..... Per dozen \$2.50  
One dozen in a box.

Patent Coil Door Springs

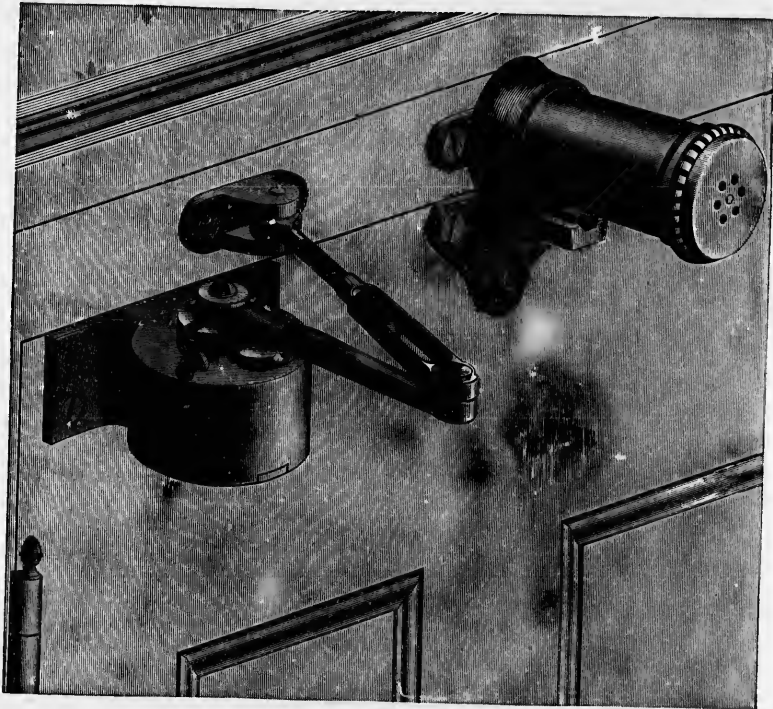


Tension can be applied or released instantly.

No. 161—Japanned, 10 inch for screen doors..... Per dozen \$1.35  
No. 162—Japanned, 11 inch for medium doors..... Per dozen 1.90  
No. 163—Japanned, 12 inch for heavy doors..... Per dozen 2.65  
One dozen in a box.

English Barrel Door Springs

No. X.....18 inch  
Per dozen..... \$1.50  
22 inch  
\$5.75

**IMPROVED ECLIPSE DOOR CHECKS AND SPRINGS.****Both Checks and Springs, for Either Right or Left Hand Doors.****Tuscan Bronzed, Eclipse Door Checks.****With Detachable Feet for Fastening Check to Either Door or Casing.**

- No. 1223. For Ordinary Doors, Diameter of Cylinder, 1 1-2 Inches..... Each, \$2.85  
 No. 1225. For Heavy Doors, Diameter of Cylinder, 2 Inches..... Each, 3.75  
 No. 1227. For Very Heavy Doors, Diameter of Cylinder, 2 1-2 Inches..... Each, 5.50

ONE IN A BOX.

**Tuscan Bronzed, Eclipse Door Springs.****Flat Spring, for Either Right or Left Hand Doors.**

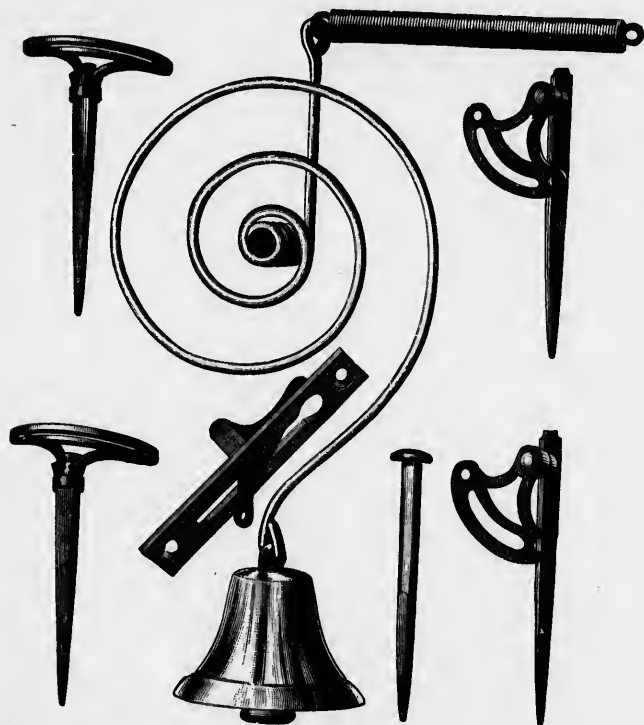
- No. 1251. For Inside Doors..... Each, \$1.80  
 No. 1253. For Heavy Inside Doors, or Light Outside Doors..... Each, 1.75  
 No. 1255. For Heavy Outside Doors..... Each, 2.40  
 No. 1257. For Very Heavy Outside Doors..... Each, 3.40

ONE IN A BOX.

No. 123 - House bell

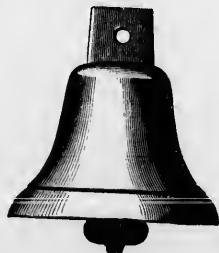
House bells, turned ed

HOUSE BELLS ON CARRIAGES



No. 123 - House bells, complete ..... Per dozen \$7 50  
 Half dozen in a package.

House Bells (Loose)



House bells, turned edges ..... Per pound \$0.40

.85  
.75  
50

80  
75  
40  
40

DOOR KNOCKERS

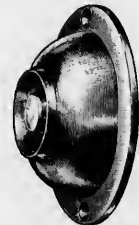
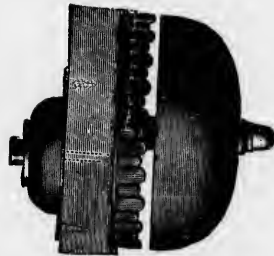


No. 1—Japanned ..... Per dozen \$4.25

Half dozen in a box.

Electric Mechanical Door Bells

Can be used either with lever, bell pull or push button.



Complete with polished bronze metal lever.

4 inch, plain bell metal, bell ..... Per dozen \$16.25  
 5 inch, plain bell metal, bell ..... Per dozen 18.75

Complete with polished bronze metal push button.

4 inch, plain bell metal, bell ..... Per dozen \$13.25  
 5 inch, plain bell metal, bell ..... Per dozen 16.25

One-twelfth dozen in a box.

No. 2—4 inch ...

No. 20—4 inch ..

No. 200—4 inch .



The stroke is produ

No. 206—3 inch, nic

No. 6—4 inch, nick

No. 150—3 inch stee

No. 100—4 inch stee



DOOR BELLS

Gravity Door Bell



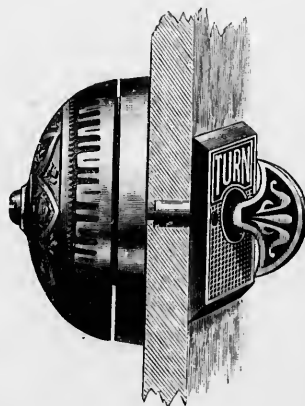
Simple and durable, no springs or other appliances to get out of order.

- |                |   |                  |
|----------------|---|------------------|
| No 2-4 inch    | Ornamental, Bronzed, Iron Bell and Lever.   | Per dozen \$5.00 |
| No. 20-4 inch  | Plain Bronze Bell, Ornamental Bronze Lever. | Per dozen 10.00  |
| No. 200-4 inch | Ornamental Bronze Bell and Lever.           | Per dozen 9.00   |
- One-twelfth dozen in a box.

New Improvement Rotary Door Bell



Nos. 6 and 206.



No. 100.

Requires no winding. Has no springs. Cannot get out of order.

The stroke is produced by rotating the bell turn, and an electric ring sound is produced by slightest movement of turn in either direction.

- |   |                   |
|---|-------------------|
| No. 200-3 inch, nickel-plated bell, real bronze turn and escutcheon   | Per dozen \$16.25 |
| No. 6-4 inch, nickel-plated bell, real bronze turn and escutcheon     | Per dozen 18.50   |
| No. 100-3 inch steel bell, antique copper bronzed turn and escutcheon | Per dozen 12.75   |
| No. 100-4 inch steel bell, antique copper bronzed turn and escutcheon | Per dozen 14.00   |

One-twelfth dozen in a box.

...Per dozen \$4.25

Per dozen \$16.25

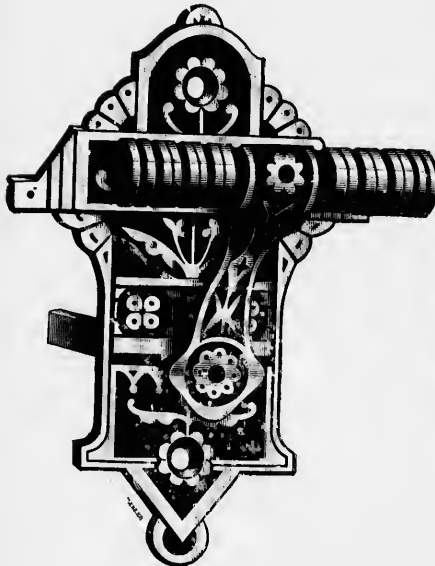
Per dozen 18.50

Per dozen \$13.25

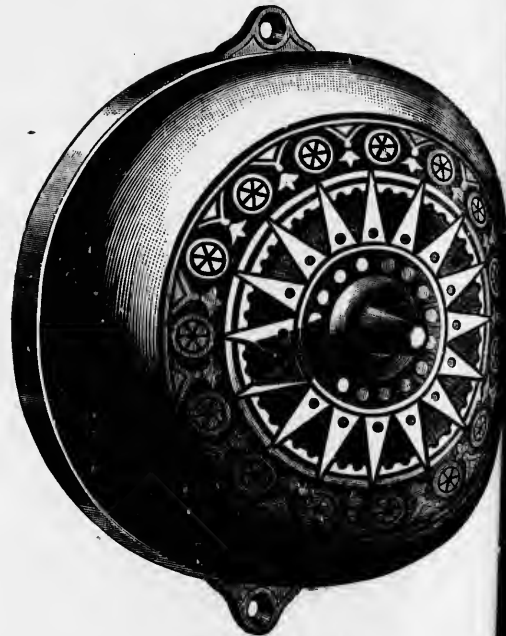
Per dozen 16.25

LEVER DOOR BELLS

PETERBOROUGH LOCK MFG. CO.



Full size cut of Nos. 410, 411.



Full size cut of Nos. 719, 720.

Bells

No. 719—Berlin bronzed, 4 inch.....	Per dozen \$6.00
No. 720—No. 10 finish, 4 inch.....	Per dozen 8.50
No. 1720—Nickel-plated, 4 inch.....	Per dozen 8.50
No. 724—Berlin bronzed, 5 inch.....	Per dozen 8.00
No. 725—No. 10 finish, 5 inch.....	Per dozen 10.50
No. 1725—Nickel-plated, 5 inch.....	Per dozen 10.50

One in a box.

Sets of Bell and Lever

No. 0719—Berlin bronzed, with 4 inch bell, and 410 lever.....	Per dozen \$8.00
No. 0724—Berlin bronzed, with 5 inch bell, and 410 lever.....	Per dozen 10.00
No. 0720—No. 10 finish, with 4 inch bell, and 411 lever.....	Per dozen 11.50
No. 0725—No. 10 finish, with 5 inch bell, and 411 lever.....	Per dozen 13.50

One set in a box.

No. 721—4 inch, be  
 No. 722—4 inch, ni  
 No. 723—4 inch, be  
 No. 726—5 inch, be  
 No. 727—5 inch, ni  
 No. 728—5 inch, be  
 No. 21—4 inch, bell  
 No. 22—4 inch, nick  
 No. 26—5 inch, bell  
 No. 27—5 inch, nick

LEVER DOOR BELLS

PETERBOROUGH LOCK MFG. CO.



Cut shows 5 inch fancy pattern, No. 728.

. Per dozen \$6.00  
 . Per dozen 8.50  
 . Per dozen 8.50  
 . Per dozen 8.00  
 . Per dozen 10.50  
 . Per dozen 10.50

Per dozen \$8.00  
 Per dozen 10.00  
 Per dozen 11.50  
 Per dozen 13.50

No. 721—4 inch, bell metal, fancy.....	Per dozen	\$11.00
No. 722—4 inch, nickel-plated.....	Per dozen	13.00
No. 723—4 inch, bell metal, fancy, No. 3 finish.....	Per dozen	11.00
No. 726—5 inch, bell metal, fancy.....	Per dozen	13.50
No. 727—5 inch, nickel-plated.....	Per dozen	15.00
No. 728—5 inch, bell metal, fancy, No. 3 finish.....	Per dozen	13.50

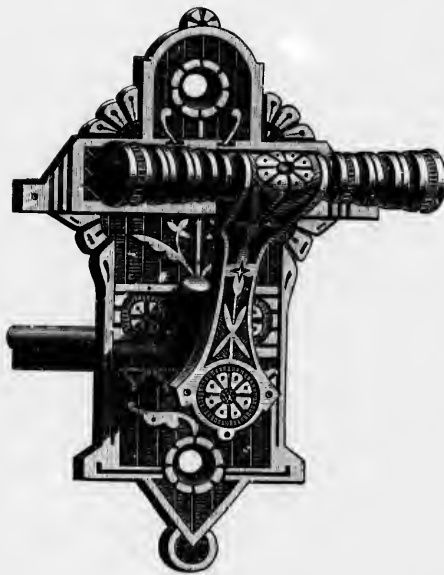
PLAIN BELLS. (Cut not shown.)

No. 21—4 inch, bell metal.....	Per dozen	\$11.00
No. 22—4 inch, nickel-plated.....	Per dozen	13.00
No. 26—5 inch, bell metal.....	Per dozen	13.50
No. 27—5 inch, nickel-plated.....	Per dozen	15.00

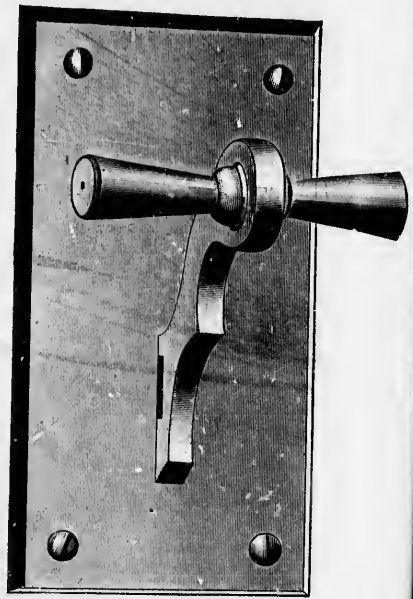
One in a box.

BELL LEVERS

PETERBOROUGH LOCK MFG. CO.



No. 410.



No. 428.

Full size cuts.

No. 410—Berlin bronzed .....	Per dozen \$ 2.00
No. 411—No. 10 finish .....	Per dozen 3.00
No. 428—Highly polished bronze.....	Per dozen 11.00
No. 430—Nickel plated.....	Per dozen 12.00

Half dozen in a box.

No. 2425 - Real br  
 No. 3425 - Berlin b  
 No. 4125 - Bronze p  
 No. 423 - Plain bro  
 No. 424 - Nickel pl

No. 4323 - Bronze p  
 No. 4828 - Jet top, t

BELL LEVERS AND PULLS

PETERBOROUGH LOCK MFG. CO.



Full size cut of Nos. 3425 and 4323.



Full size cut of No. 4828.

Lever

No. 3425—Real bronze.....	Per dozen \$7.00
No. 3425—Berlin bronzed.....	Per dozen 3.50
No. 4425—Bronze plated.....	Per dozen 5.50
No. 423—Plain bronze. Cut not shown.....	Per dozen 7.50
No. 424—Nickel plated. Cut not shown.....	Per dozen 8.50

Pulls

No. 4323—Bronze plated.....	Per dozen 5.00
No. 4828—Jet top, bronze plated rose.....	Per dozen 4.50

Per dozen \$ 2.00  
Per dozen 3.00  
Per dozen 11.00  
Per dozen 12.00

BELL LEVERS

PETERBOROUGH LOCK MFG. CO.



Full size cut of No. 2428.



Full size cut of No. 2432.

No. 2428—Real bronze.....	Per dozen \$ 8.00
No. 3428—Berlin bronzed.....	Per dozen 4.00
No. 4428—Bronze plated.....	Per dozen 6.00
No. 2432—Real bronze.....	Per dozen 11.00

Inch. ....  
No. 20—Bronzed



Ab  
The above cut does n

Inch. ....  
Each.....

GONG BELLS



Abbe's Patent. Half size cut of 5 inch.

Inch.....			
No. 20—Bronzed steel bell.....		4	5
		Per dozen \$7.50	10.50
	One-twelfth dozen in a package.		



Alarm Door Bells

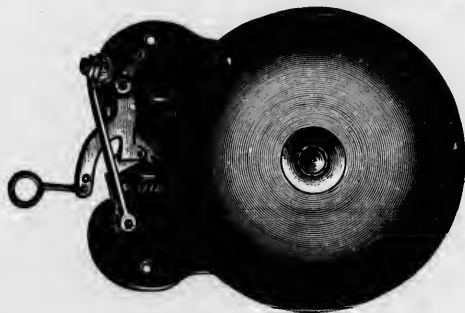
Abbe's Patent.

WITH ALARM ATTACHMENT.

No. 25—Bronzed steel bell.....		Per dozen \$8.25
	One-twelfth dozen in a box.	

Abbe's Patent.  
The above cut does not show the alarm attachment.

Pure Bell Metal Engine and Steamboat Gongs  
For elevators, steamboats, locomotives, warehouse calls, etc.

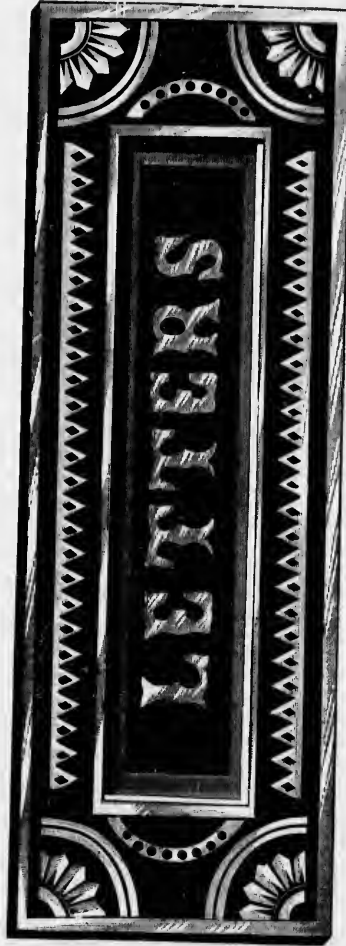


Central pull, outside stroke.

Inch.....				
Each.....	6	8	10	12
	\$2.40	4.75	7.00	12.75
	The 10 inch and larger have lignumvitæ wood hammer.			

Per dozen \$ 8.00  
Per dozen 4.00  
Per dozen 6.00  
Per dozen 11.00

LETTER BOX PLATES



No. 4975—Bronze plated (No. 10 finish).....Per dozen \$5.00

PETERBOROUGH LOCK MFG. CO.



- |          |                              |                   |                      |  |                   |
|----------|------------------------------|-------------------|----------------------|--|-------------------|
| No. 1000 | Plain brass highly polished  | Per dozen \$12.00 | No. 1004             | Ornamental bronze, dark enameled ground finish | Per dozen \$11.00 |
| No. 1001 | Plain bronze highly polished | Per dozen 12.00   | No. 1005             | Ornamental imitation bronzed                   | Per dozen 5.00    |
| No. 1002 | Nickel-plated on brass       | Per dozen 14.00   | No. 1006             | Ornamental Geneva bronzed                      | Per dozen 5.00    |
| No. 1003 | Ornamental bronze            | Per dozen 14.00   | Half dozen in a box. |  |                   |

LETTER BOX PLATES



No. 1000 Plain brass highly polished  
 No. 1001 Plain bronze highly polished  
 No. 1002 Nickel-plated on brass  
 No. 1003 Ornamental bronze  
 No. 1004 Ornamental bronze, dark enameled ground finish  
 No. 1005 Ornamental imitation bronzed  
 No. 1006 Ornamental Geneva bronzed  
 Half dozen in a box

LETTER BOX PLATES



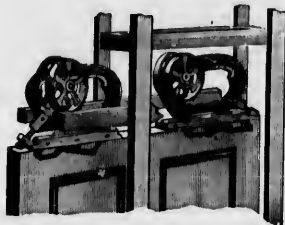
No. 1020

No. 1020—Renaissance No. 1 finish, gold bronze	Per dozen	\$20.00
No. 1021—Renaissance No. 2 finish, chocolate bronze	Per dozen	20.00
No. 1022—Renaissance No. 3 finish, light bronze, dark enameled ground finish	Per dozen	20.00
No. 1023—Renaissance No. 4 finish, antique copper	Per dozen	22.00
No. 1024—Renaissance No. 5 finish, antique brass	Per dozen	22.00
No. 1025—Renaissance No. 6 finish, antique silver	Per dozen	25.00

One in a box, with bolts.

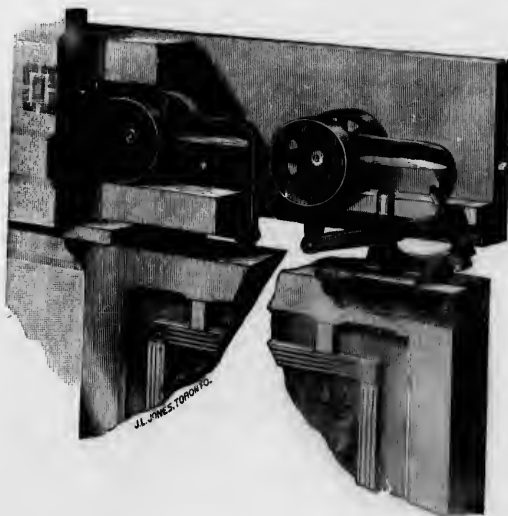
**SLIDING DOOR HANGERS**

**Richard's Improved**



Richard's sliding door hangers for double doors..... Per set \$3.75  
 Set consists of four hangers and 28 feet hardwood track.  
 One set in a box.

**Stearn's Anti-Friction**



Stearn's sliding door hangers for double doors..... Per set \$3.75  
 Set consists of four hangers and 28 feet hardwood track  
 One set in a box.

McC

When ordering, be careful to give the exact size of the opening, and whether for double or single doors



impossible for it to be otherwise. In placing the order, please state the objections made. We believe that our overhead carrying

**Price-List**

ONE

SINGLE DOOR.	
OPENING.	
2 ft. 0 in	...
2 " 6 "	...
3 " 0 "	...
3 " 6 "	...
4 " 0 "	...

**Price-List of**

for

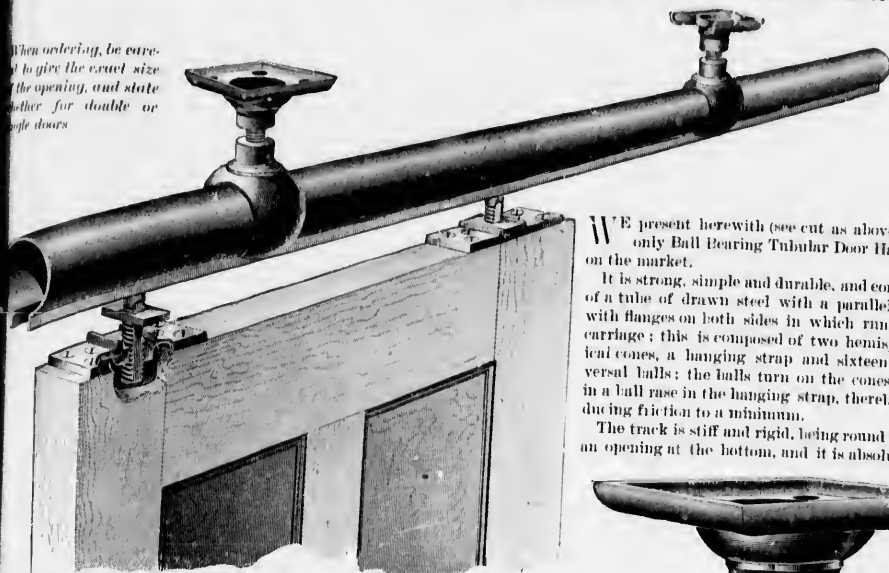
ONE OR

SINGLE DOOR.	
OPENING.	
4 ft. 0 in	\$5.50
4 " 6 "	6.00
5 " 0 "	6.50
6 " 0 "	7.00
7 " 0 "	7.50
8 " 0 "	8.00

Prices on speci

**MCCABE BALL BEARING PARLOR DOOR HANGERS.**

When ordering, be careful to give the exact size of the opening, and state whether for double or single doors



WE present herewith (see cut as above) the only Ball Bearing Tubular Door Hanger on the market.

It is strong, simple and durable, and consists of a tube of drawn steel with a parallel slot with flanges on both sides in which runs the carriage; this is composed of two hemispherical cones, a hanging strap and sixteen universal balls; the balls turn on the cones and in a ball race in the hanging strap, thereby reducing friction to a minimum.

The track is stiff and rigid, being round with an opening at the bottom, and it is absolutely

impossible for it to clog, there being no place wherein snow, ice, dust or other matter could lodge and thus impede the free action of the doors.

In placing this Hanger on the market we have met and overcome all the objections made to other Hangers.

We believe that for hanging doors of all kinds, store doors, ware and overhead carrying of any nature, it cannot be surpassed.

**Price-List of Parlor Door Hangers,**

**Single Carriages.**

ONE PIECE OF TRACK FOR EACH DOOR COMPLETE WITH SCREWS.

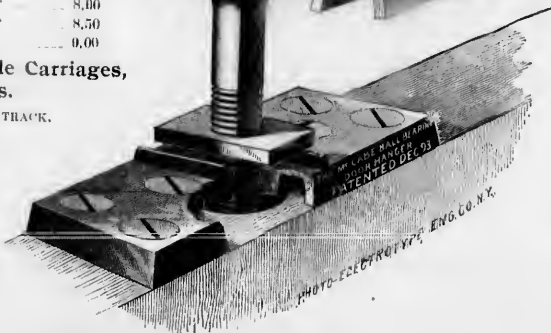
SINGLE DOOR.		DOUBLE DOORS.	
OPENING.		OPENING.	
2 ft. 0 in	\$3.00	4 ft. 0 in	\$6.00
2 " 6 "	3.00	5 " 0 "	6.00
3 " 0 "	3.50	5 " 6 "	6.50
3 " 6 "	4.00	6 " 0 "	7.00
4 " 0 "	4.50	6 " 6 "	7.50
		7 " 0 "	8.00
		7 " 6 "	8.50
		8 " 0 "	9.00

**Price-List of Hangers with Double Carriages, for Heavy Parlor Doors.**

ONE OR TWO, TWO OR FOUR PIECES OF TRACK, COMPLETE WITH SCREWS.

SINGLE DOOR.		DOUBLE DOORS.	
OPENING.		OPENING.	
4 ft. 0 in	\$5.50	8 ft. 0 in	\$11.00
4 " 6 "	6.00	8 " 6 "	11.50
5 " 0 "	6.50	9 " 0 "	12.00
6 " 0 "	7.00	9 " 6 "	12.50
7 " 0 "	7.50	10 " 0 "	13.00
8 " 0 "	8.00	11 " 0 "	13.50
		12 " 0 "	14.00

Prices on special sizes on application.



..... Per set \$3.75

..... Per set \$3.75

**McCABE BALL BEARING BARN DOOR HANGERS.**

For Heavy Barn, Shed and Mill, also  
Fire Doors and Shutters.

**USE THIS DOUBLE CARRIAGE.**

We strongly recommend this double carriage for all kinds of heavy work, as this double carriage distributes the weight over a larger surface, and on large doors causes them to work more smoothly.

**PRICE LIST.**

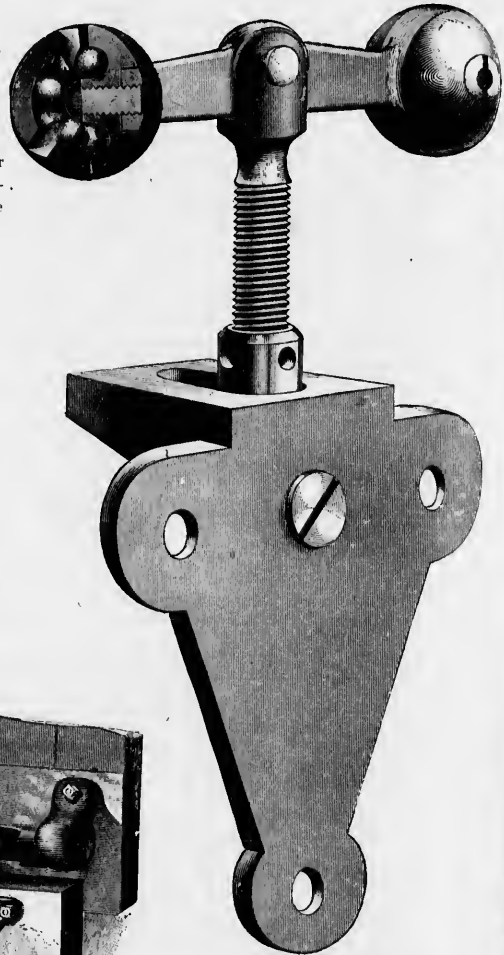
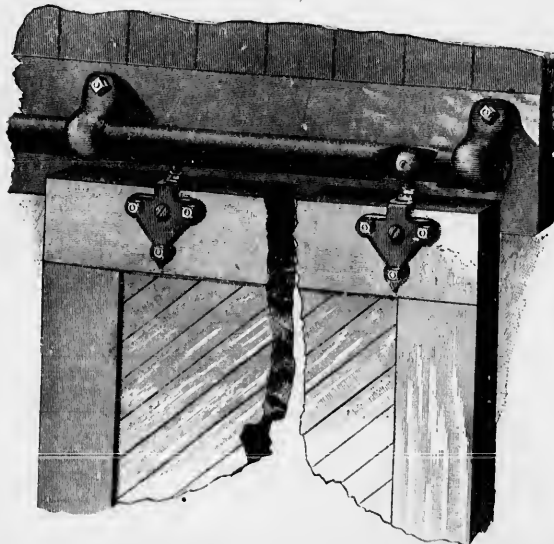
**BARN DOOR HANGERS,**

As shown in cut, with double carriages, complete (without track), for doors 1 3/4 in. to 3 in. thick.

	SINGLE DOORS.	DOUBLE DOORS.
6 ft. opening and under	\$6.50	\$10.50
7 ft. to 9 ft.	7.50	11.50
10 ft. to 12 ft.	8.50	12.50

Track, per foot, 50 cents extra.

When ordering, be careful to give the exact thickness of the door, size of opening, and state whether for double or single doors.



**PRICE LIST.**

**BARN DOOR HANGERS,**

As shown opposite, with single carriages, complete (without track), for doors 1 3/4 in. to 2 in. thick. These carriages will carry 200 lbs. For hanging heavier doors, see above.

	SINGLE DOORS.	DOUBLE DOORS.
3 1/2 ft. opening and under	\$3.00	\$5.50
4 ft. to 5 ft. opening	3.50	6.00
5 ft. to 6 ft. "	4.00	6.50

Track, per foot, 50 cents extra.

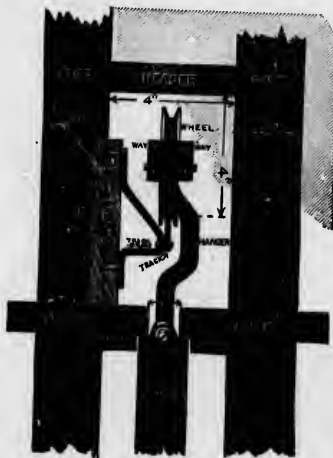
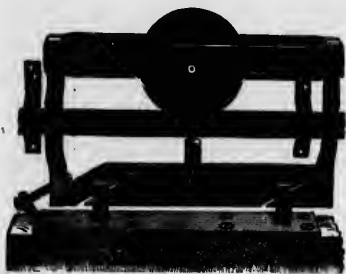
With 14 feet of tra

With 8 feet of tra

THE LANE  
The anti-friction w  
steel axle. The us  
forms the rolling s  
adjusted readily by  
less and durable.

No. 303 - 1/2 inch diam  
No. 304 - 3/4 inch diam  
No. 315 - 5/8 inch diam  
No. 316 - 3/4 inch diam

LANE'S PATENT ANTI-FRICTION  
STEEL PARLOR DOOR HANGER



For double doors, each one to slide four feet or less.

With 14 feet of track gravity stops, striking and floor plates..... Per set (4 hangers) \$6.75

For single door, to slide four feet or less.

With 8 feet of track gravity stop, striking and floor plate.. Per half set (2 hangers) 3.50

THE LANE PARLOR DOOR HANGER is an all steel single track hanger made to run noiselessly on a steel track. The anti-friction wheel is made with a sole leather centre, clamped firmly between discs of steel, with steel nuts on a steel axle. The use of the leather in the wheel causes it to run as noiselessly as a bicycle. The edge of the leather forms the rolling surface, and the wear on it being a rolling one renders it practically indestructible. The hanger is adjusted readily by turning only one screw with an ordinary screwdriver. Quickly applied; easily adjusted; noiseless and durable.

Transom Lifters.



Solid Grip Transom Lifters.

Adapted either for top, bottom, or centre hung transoms.

- No. 303— $\frac{1}{2}$  inch diameter, 3 feet long, bronzed iron..... Per dozen \$ 5.00
- No. 304— $\frac{1}{2}$  inch diameter, 4 feet long, bronzed iron..... Per dozen 5.50
- No. 315— $\frac{3}{8}$  inch diameter, 5 feet long, bronzed iron..... Per dozen 12.00
- No. 316— $\frac{3}{8}$  inch diameter, 6 feet long, bronzed iron..... Per dozen 13.50

ERS.



NGERS,

gle carriages,  
doors 1 3/4 in. to  
will carry 200  
s, see above.

DOUBLE  
DOORS.  
00 85.50  
50 6.00  
0 6.50  
extra.

WINDOW SPRING BOLTS



Full size cut of Nos. 10 and 20.

- No. 10—Japanned..... Per gross \$1.65
- No. 20—Japanned, silvered tip..... Per gross 2.10



Full size cut of No. 37.

WROUGHT IRON, TINNED.

- No. 37—Wrought iron, tinned..... Per gross \$3.25



Full size cut.

Spiral Spring Window Springs

Self-fastening Screw Socket.

To fit  $\frac{3}{4}$  inch hole.

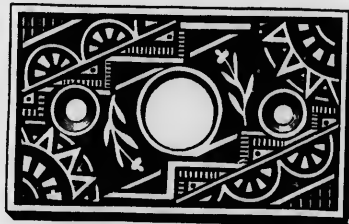
- No. 19—Iron case, malleable iron bolt..... Per gross \$4.80
- Half gross in a box.



Full size cut.

Sash Pulls and Plates

PETERBOROUGH LOCK MFG. CO.



Full size cut.

SASH PULLS.

- No. 3913—Berlin bronzed..... Per dozen \$1.55
- No. 4913—Bronze plated..... Per dozen 2.00

SASH PULL PLATES.

- No. 3910—Berlin bronzed..... Per dozen \$0.50
- No. 4910—Bronze plated..... Per dozen 0.70

PETERBOROUGH LOCK



No. 3913—Berlin  
Full size

- No. 3943—Berlin
- No. 4943—Bronze
- No. T443A—Tuscan
- No. 2941—Real
- No. 3941—Berlin
- No. 4941—Bronze

- No. 2948—Real
- No. 3948—Berlin
- No. 4948—Bronze

PETERBOROUGH LOCK



No. 1940.  
Full size of cut—Br

- No. 1940—Highly p
- No. 1551—Highly p
- No. T480A—Tuscan

SASH LIFTS

PETERBOROUGH LOCK MFG. CO.



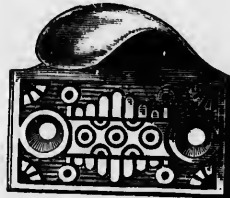
No. 3943.  
Full size out.

SARGENT.



Full size cut of No. T43A.

PETERBOROUGH LOCK MFG. CO.



No. 2941.  
Full size cut.

No. 3943—Berlin bronzed.....	Per gross \$3.60
No. 4943—Bronze plated (No. 10 finish).....	Per gross 6.00
No. T443A—Tuscan bronzed.....	Per gross 3.20
No. 2941—Real bronze.....	Per gross 15.60
No. 3941—Berlin bronzed.....	Per gross 3.60
No. 4941—Bronze plated.....	Per gross 6.72

PETERBOROUGH LOCK MFG. CO.

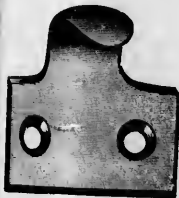


No. 2948.  
Full size cut.

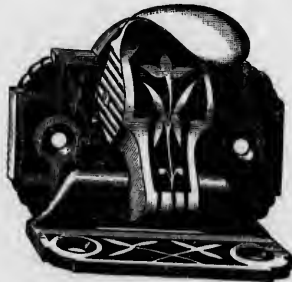
No. 2948—Real bronze.....	Per gross \$14.40
No. 3948—Berlin bronzed.....	Per gross 6.00
No. 4948—Bronze plated.....	Per gross 8.40

SARGENT.

PETERBOROUGH LOCK MFG. CO.

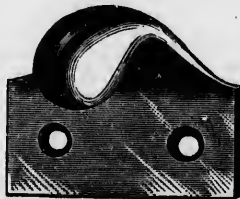


No. 1940.  
Full size of cut—Bronze.



Full size cut of No. T100A. Patented.

PETERBOROUGH LOCK MFG. CO.



No. 1951.  
Full size cut.

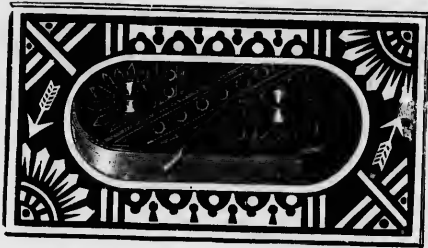
No. 1940—Highly polished bronze.....	Per gross \$15.00
No. 1951—Highly polished bronze.....	Per gross 24.00
No. T490A—Tuscan bronzed.....	Per gross 14.00

Quarter gross in a box.

SASH LIFTS

PETERBOROUGH LOCK MFG. CO.

PETERBOROUGH LOCK MFG. CO.



No. 3947. Full size cut.



No. 2945. Full size cut.

No. 3947—Berlin bronzed.....	Per dozen	\$0.90
No. 4947—Bronze plated.....	Per dozen	1.00
No. 2945—Real bronze.....	Per dozen	4.80

One dozen in a box.

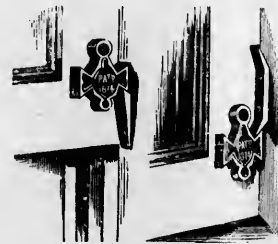
Sash Fasteners

GARRETSON'S.



Full size cut No. 1.

DIXON'S.



Window open.

Window closed.

No. 1—Copper bronzed, Garretson's.....	Per gross	\$4.50
No. 11—Copper bronzed, Dixon's.....	Per gross	6.00

Half gross in a box.



Full size cut of Nos. 211 and 218—Patented.

No. 211	
Berlin bronzed .....	Per dozen \$0.70
No. 218	
Bronze plated .....	Per dozen 2.10

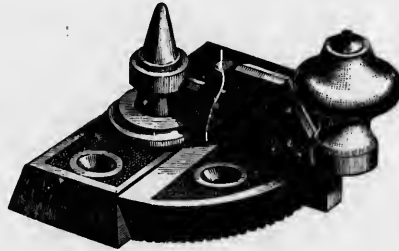
One dozen in a box.



SASH FASTENERS



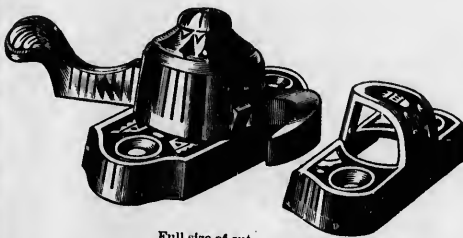
No. 37.



No. 38.

No. 37—Tuscan bronzed, with screws ..... Per dozen \$0.70  
 No. 38—Tuscan bronzed, with screws ..... Per dozen 0.90

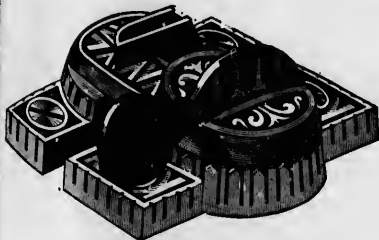
PORCELAIN KNOB.



Full size of cut.

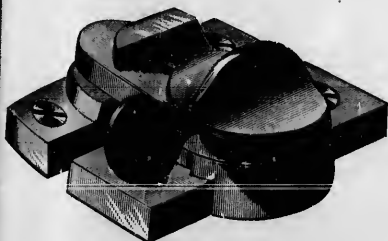
PETERBROUGH LOCK MFG. CO.

900—Real bronze ..... Per dozen \$5.00  
 901—Berlin bronzed ..... Per dozen 1.00  
 902—Bronze plated ..... Per dozen 2.50  
 903—English bronze ..... Per dozen 2.50



Full size of cut.

2900—Real bronze ..... Per dozen \$5.00  
 3900—Berlin bronzed ..... Per dozen 1.00  
 3901—Berlin bronzed, real bronze lever ..... Per dozen 2.00  
 4900—Bronze plated ..... Per dozen 2.50  
 5900—English bronze ..... Per dozen 2.50



Full size of cut.

1900—Highly polished bronze ..... Per dozen \$5.00  
 1901—Highly polished brass ..... Per dozen 5.00  
 1902—Nickel-plated ..... Per dozen 6.00

co.



. Per dozen \$0.90  
 . Per dozen 1.00  
 . Per dozen 4.80



Window closed.

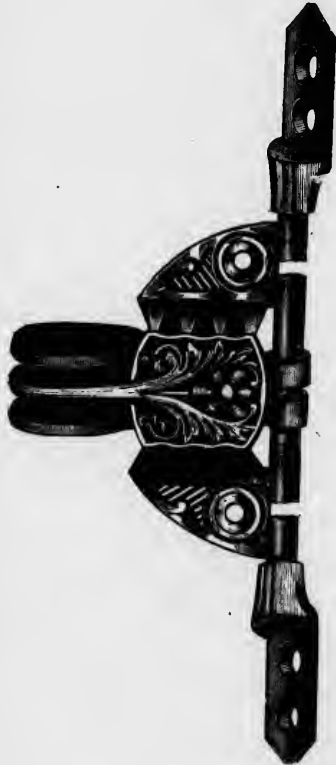
Per gross \$4.50  
 Per gross 6.00

Per dozen \$0.70

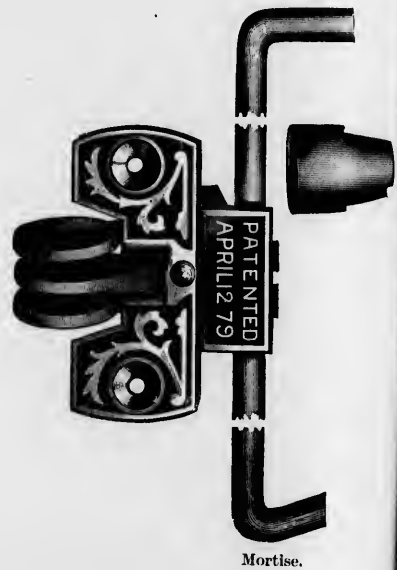
Per dozen 2.10

COOK'S SASH SUPPORT AND LOCK

Simple, Secure and Reliable



Surface.



Mortise.

Can be easily applied to any sash, with or without weights, old or new.

Securely locks sash, open or closed, at any point.

SURFACE—For Lower Sash only.

Berlin bronzed.....	Per dozen \$3.00
Real bronze.....	Per dozen 5.00

MORTISE.

Berlin bronzed, for upper sash.....	Per dozen \$3.00
Berlin bronzed, for lower sash.....	Per dozen 3.00
Real bronze, for upper sash.....	Per dozen 5.00
Real bronze, for lower sash.....	Per dozen 5.00

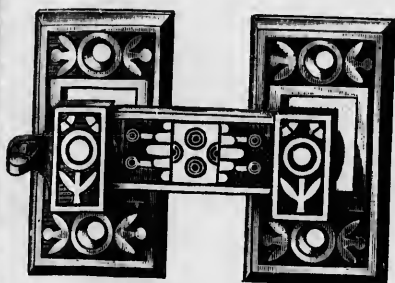


Full size



Full size

SHUTTER BARS

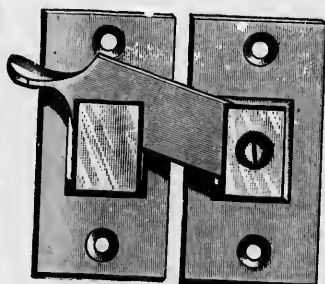


Full size cut of No. 2573.

PETERBOROUGH LOCK MFG. CO.

No. 2572—2 inch, real bronze .....	Per dozen	\$3.00
No. 3572—2 inch, Berlin bronzed.....	Per dozen	0.80
No. 4572—2 inch, bronze plated .....	Per dozen	1.40
No. 2573—2½ inch, real bronze.....	Per dozen	3.25
No. 3573—2½ inch, Berlin bronzed.....	Per dozen	0.90
No. 4573—2½ inch, bronze plated .....	Per dozen	1.50

One dozen in a box.

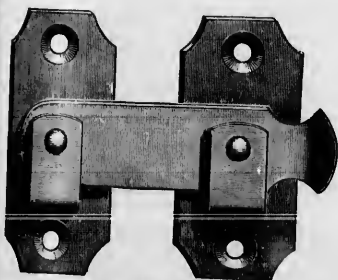


Full size cut of No. 1570.

PETERBOROUGH LOCK MFG. CO.

No. 1570—2 inch, highly polished bronze.....	Per dozen	\$3.25
No. 1571—2 inch, highly polished brass .....	Per dozen	3.25
No. 1572—2 inch, nickel-plated .....	Per dozen	3.60
No. 1573—2½ inch, highly polished bronze.....	Per dozen	3.50
No. 1574—2½ inch, highly polished brass .....	Per dozen	3.50
No. 1575—2½ inch, nickel-plated.....	Per dozen	4.00

One dozen in a box.



Full size cut.

WROUGHT STEEL, BRONZED.

No. 450—2 inch.....	Per dozen	\$1.05
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One dozen in a box.

. Per dozen \$3.00

. Per dozen 5.00

. Per dozen \$3.00

. Per dozen 3.00

. Per dozen 5.00

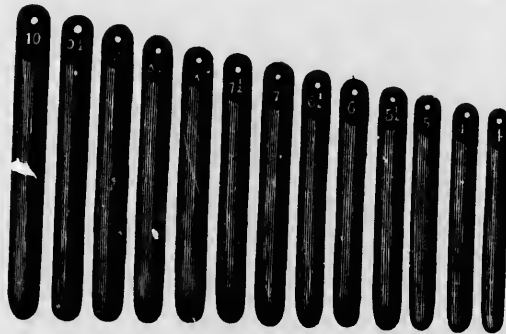
. Per dozen 5.00

SECTIONAL SASH WEIGHTS



Sectional sash weights.....Per pound \$0.02

Solid Sash Weights



Solid sash weights.....Per pound \$0.02

Solid Braided Cordage



Braided sash cord, white cotton.....Per pound \$0.45

100 feet in a hank, or in 10 pound colls.

Braided sash cord, Baltic, in colls.....Per pound 0.36

Inch .....  
No. 10 - Per gross



Full size o

Nos.....  
Per gross sets.....

JAPANNED SASH ROLLERS



No. 10.

Full size cut of  $\frac{1}{4}$  inch.

JAPANNED.

inch .....	5-8	3-4	7-8	1	1 1-4
No. 10—Per gross .....	\$2.10	2.50	3.50	5.25	7.25

$\frac{3}{8}$  to 1 inch, half gross in a box;  $1\frac{1}{4}$  inch. quarter gross.



Extra Heavy

JAPANNED.

Nos.....	1	2	3
Width of plate.	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$ inch.
Per dozen.....	\$0.55	.85	1.20

One-twelfth gross in a box.

Full size cut of No. 1.

Sash Centres or Transom Plates



Full size cut of No. 1.



Full size cut of No. 22.



Full size cut of No. 2.

JAPANNED.

All numbers have 4 pieces in a set.

Nos.....	1	22	2 heavy
Per gross sets.....	\$4.00	6.25	8.25

One quarter gross sets in a box.

Per pound \$0.02

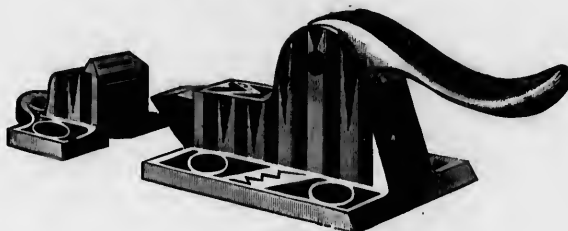
Per pound \$0.02

Per pound \$0.45

Per pound 0.38

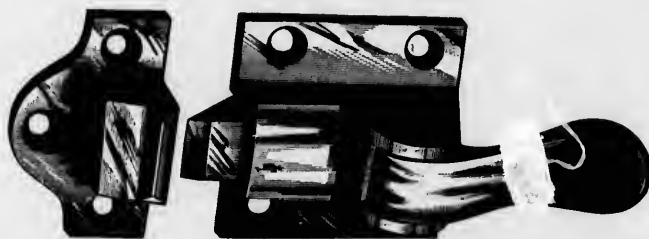
REFRIGERATOR CATCHES

PETERBOROUGH LOCK MFG. CO.



No. 1021.

No. 1021— $\frac{1}{2}$  inch, bronze plated ..... Per dozen \$4.00  
 No. 1023—2 inch, Berlin bronze ..... Per dozen 4.50



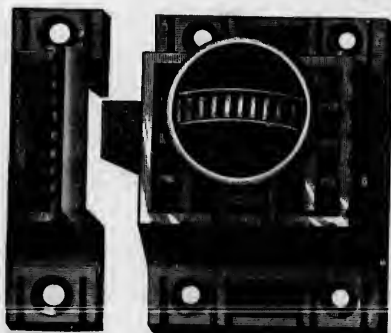
No. 1026.

No. 1026— $\frac{1}{2}$  inch, highly polished bronze ..... Per dozen \$9.00

One dozen in a box.

Cupboard Turns

PETERBOROUGH LOCK MFG. CO.



Full size cut.

With Bronze Metal Knob.

No. 3402—Berlin bronze ..... Per dozen \$2.50  
 No. 4402—Bronze plated ..... Per dozen 3.50

One dozen in a box.



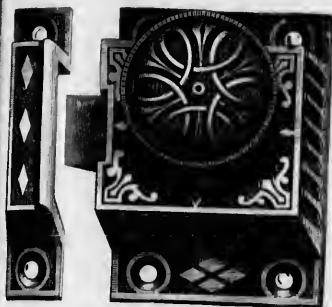
Full size cut



No. 4122A, c



CUPBOARD TURNS



Full size cut of No. T4230. Patented.

Patent Triangular Bolt.

Tuscan Bronzed Knob.

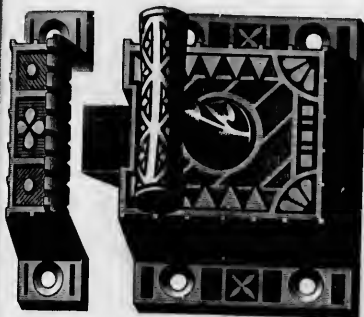
No. T4230—Tuscan bronzed, with screws.... Per dozen \$1.45

Bronze Metal Knob.

No. T 4430—Tuscan bronzed, with screws.... Per dozen 1.95

No. K4430—Tokio bronzed, with screws.... Per dozen 3.30

One dozen in a box.



No. 4432A, etc. Full size cut. Patented.

Patent Triangular Bolt.

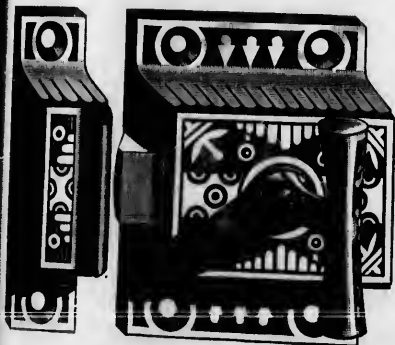
Tokio Bronzed T Handle.

No. T4232A—Tuscan bronzed, with screws... Per dozen \$1.75

Bronze Metal T Handle.

No. T4432A—Tuscan bronzed, with screws.. Per dozen 1.95

One dozen in a box.



Full size cut.

PETERBOROUGH LOCK MFG. CO.

Bronze Metal T Handle.

No. 1104—Real bronze..... Per dozen \$6.00

No. 1105—Berlin bronzed..... Per dozen 2.30

No 1106—Bronze plated..... Per dozen 3.00

One dozen in a box.

CUPBOARD CATCHES

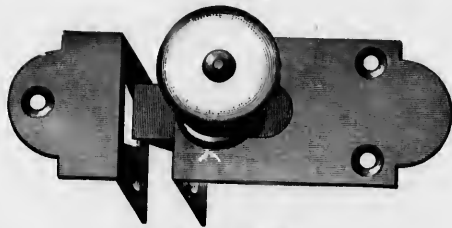


Full size cut of No. 301.

Japanned, Brass Knob.

No. 301 ..... Per gross 16.00

Quarter gross in box.



Full size cut of No. 2506.

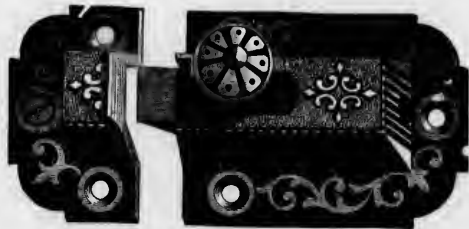
Patent Triangular Bolt

Wrought Brass, Porcelain Knob

No. 2505... Per gross \$16.00

No. 2506... Per gross 18.00

Quarter gross in a box.



Full size cut of No. 262.

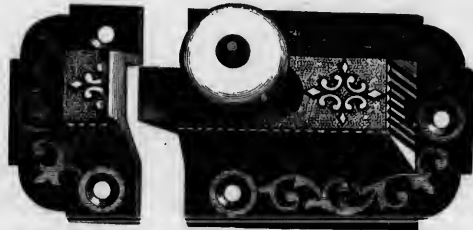
Patent Triangular Bolt

Packed with screws to match.

Bronze Metal Knob.

No. 262—Tuscan bronzed ..... Per gross \$8.75

One-sixth gross in a box.



Full size cut of No. 267.

Porcelain Knob.

No. 267—Tuscan bronzed ..... Per gross \$8.75

One-sixth gross in a box.



No. 900—2 x 2 1/2 inch  
 No. 901—2 x 2 1/2 inch  
 No. 902—2 x 2 1/2 inch  
 No. 903—2 x 2 1/2 inch  
 No. 904—2 x 2 1/2 inch  
 No. 905—2 x 2 1/2 inch  
 No. 906—2 x 2 1/2 inch  
 No. 907—2 x 2 1/2 inch  
 No. 908—2 x 2 1/2 inch  
 No. 405—Highly poli



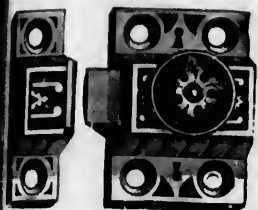
CUPBOARD CATCHES

PETERBOROUGH LOCK MFG. CO.

Bronze Metal Knob.

No. 1113—Real bronze.....	Per dozen	\$3 00
No. 1114—Berlin bronzed.....	Per dozen	1.10
No. 1115—Bronze plated.....	Per dozen	1.60

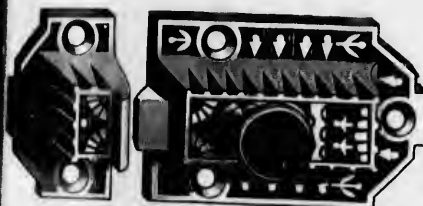
One dozen in a box.



Bronze Metal Knob.

No. 1116—Real bronze.....	Per dozen	\$3.70
No. 1111—Berlin bronzed.....	Per dozen	1.40
No. 1112—Bronze plated.....	Per dozen	2.00

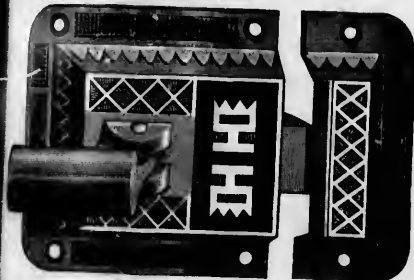
One dozen in a box.



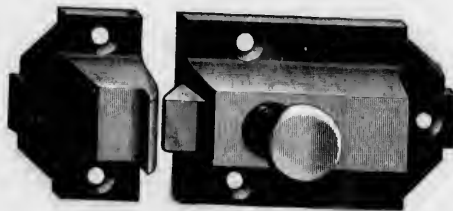
Full size cuts.

GURNEY.

PETERBOROUGH LOCK MFG. CO.



No. 903

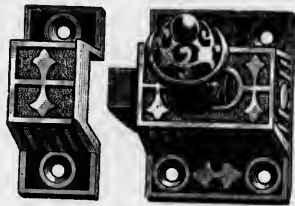


Full size cut of No. 405.

No. 900—2 x 2 3/4 inches, plain brass.....	Per dozen	\$6.00
No. 901—2 x 2 3/4 inches, nickel-plated on brass.....	Per dozen	7.50
No. 902—2 x 2 3/4 inches, plain bronze.....	Per dozen	6.50
No. 903—2 x 2 3/4 inches, ornamental bronze.....	Per dozen	6.00
No. 904—2 x 2 3/4 inches, ornamental bronze, dark enamelled.....	Per dozen	6.00
No. 905—2 x 2 3/4 inches, ornamental imitation, bronzed.....	Per dozen	4.00
No. 906—2 x 2 3/4 inches, ornamental Geneva bronzed.....	Per dozen	4.00
No. 907—2 x 2 3/4 inches, ornamental Berlin bronzed.....	Per dozen	4.00
No. 908—2 x 2 3/4 inches, ornamental Grant bronzed.....	Per dozen	4.00
No. 405—Highly polished bronze.....	Per dozen	5.00

One dozen in a box.

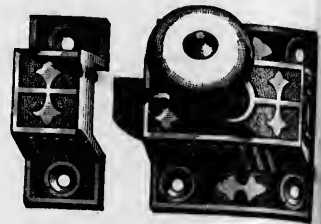
FRENCH WINDOW CATCHES



Full size cut of No. 3210.

Bronze Metal Knob.

No. 3210—Tuscan bronzed, with screws. Per gross \$9.75

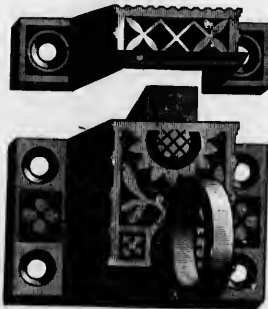


Full size cut of No. 3216.

Porcelain Knob.

No. 3216—Tuscan bronzed, with screws. Per gross \$10.00

One-sixth gross in a box.



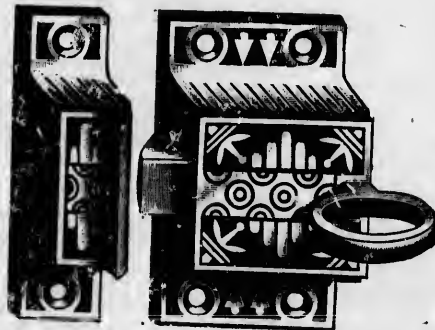
Full size cut of No. 3443A.

Transom Catches

Patent Triangular Bolt.

No. 3443A—Berlin bronzed. Per dozen \$1.50

One-sixth gross in a box.



Full size cut.

PETERBOROUGH LOCK MFG. CO.

No. 1107—Real bronze. Per dozen \$5.40

No. 1108—Berlin bronzed. Per dozen 2.50

No. 1109—Bronze plated. Per dozen 3.00

One dozen in a box.



Full size

No. T6440—Tuscan

No. 1102—Berlin

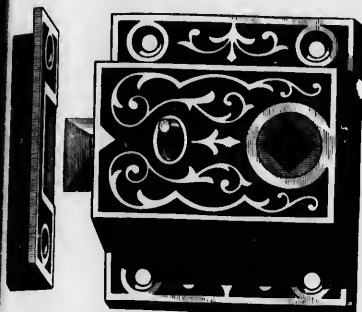
No. 1103—Berlin



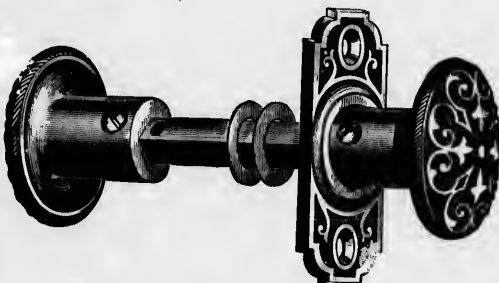
Full size

No. T5401A—Tuscan

SCREEN DOOR CATCHES



Full size cut of No. T840, bent strike.



Full size cut of knobs. For doors 1 to 1 1/4 inches thick.

Reverse Bevel Bronzed Latch

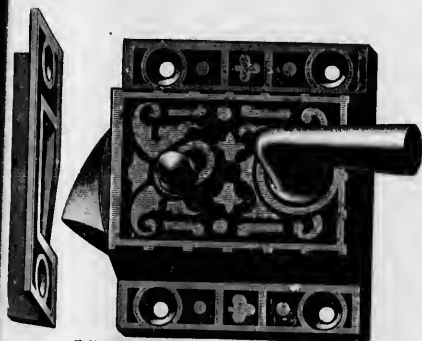
With Bronzed Knob.

No. T6440—Tuscan bronzed, with screws.....Per dozen \$2.40  
 No. 1102—Berlin bronze.....Per dozen 3.00

Bronze Metal Knobs.

PETERBOROUGH LOCK MFG. CO.

No. 1103—Berlin bronze, bronze metal knobs.....Per dozen 5.00



Full size cut of No. T5461A. Patented.



Full size cut.  
Lever handle for outside.

WITH LEVER HANDLES.

Reverse Bevel, Bent Strike, Patent "Diamond" Bolt

Suitable for doors 1 to 1 1/4 inches thick.

No. T5461A—Tuscan bronzed lever handles and latch, packed with screws.....Per dozen \$2.25

Half dozen in a box.

DOOR BUTTONS



Full size out of 1 1/2 Inch.  
No. 10.



No. 30.  
JAPANNED.



No. 5.

Inch .....				
No. 10 .....		1 3-4	2	2 1-4
No. 30 .....		Per gross \$0.70	.85	.90
		Per gross	.70	.85
	One gross in a box.			
	BRASS.			
Inch .....				
No. 5 .....		1 1-4	1 1-2	1 1-2
		Per gross \$4.50	5.00	5.00
	Half gross in a box.			

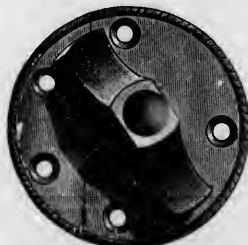
Japanned Door Buttons on Plates



Full size out of 1 1/2 Inch.

Inch .....				
No. 20 .....		1 1-2	2	2 1-2
		Per gross \$2.25	2.80	4.00
	Half gross in a box.			

Brass Door Buttons on Plates



Full size out of 1 1/2 Inch.

Cast Brass, Polished and Lacquered.

Inch .....				
No. 5149 .....		1 3-4	2	2 1-4
		Per dozen \$1.50	1.80	1.80
	Half gross in a box.			

No. 100 - Japanned

No. 110 - Japanned

No. 1 - Japanned

DRAWER PULLS

No. 5.

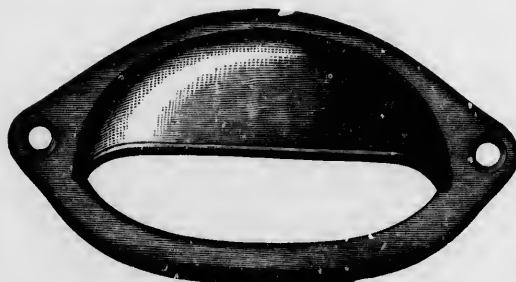
2 2 1/4  
 ..... .85 .....  
 ..... .85 .....

1 1-4 1 1/2  
 Gross \$4.50 ..... 5.60



Full size cut.

No. 100 -Japanned.....Per gross \$1.50  
 One-sixth gross in a box.



Full size cut of No. 110.

No. 110 -Japanned.....Per gross \$1.00  
 Quarter gross in a box.

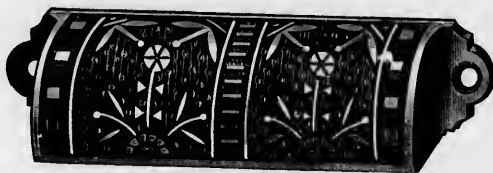


Full size cut.

No. 1 -Japanned.....Per gross \$1.50  
 Quarter gross in a box.

1 3-4 2  
 \$1.50 ..... 1.80

DRAWER PULLS



Full size cut.

No. 30—Royal bronze..... Per gross \$3.75

Quarter gross in a box.



Full size cut.

No. 40—Royal bronze..... Per gross \$3.75

Quarter gross in a box.



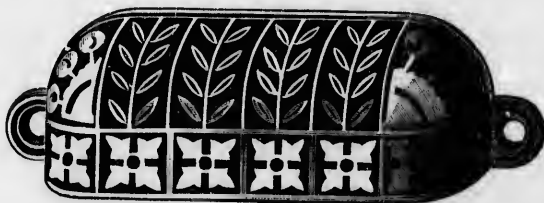
Full size cut.

No. 50—Royal bronze..... Per gross \$4.25

No. 4432— $3\frac{1}{2}$  inch, bronze plated..... Per gross 7.50

PETERBOROUGH LOCK MFG. CO.

Quarter gross in a box.



Full size cut.

No. 60—Royal bronze..... Per gross \$3.75

Quarter gross in a box.

No. 3423— $3\frac{1}{2}$  inch...  
No. 3424—4 inch...  
No. 3425— $4\frac{1}{2}$  inch...

No. 65—Royal bronze.

No. 3430—4 inch, Berlin

DRAWER PULLS

PETERBOROUGH LOCK MFG. CO.



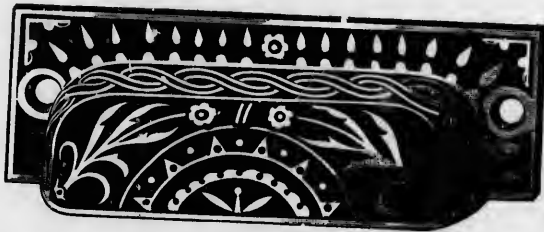
Berlin Bronzed.

No. 3423—3½ inch.....Per gross \$3.75  
 No. 3424—4 inch.....Per gross 4.00  
 No. 3425—4½ inch.....Per gross 4.25

Bronze Plated.

No. 4423—3½ inch.....Per gross \$7.50  
 No. 4424—4 inch.....Per gross 8.00  
 No. 4425—4½ inch.....Per gross 8.50

Quarter gross in a box.



Full size cut.

No. 65—Royal bronze.....Per gross \$4.50  
 Quarter gross in a box.

PETERBOROUGH LOCK MFG. CO.



No. 3430—4 inch, Berlin bronzed.....Per gross \$5.00  
 Quarter gross in a box.

DRAWER PULLS



Full size cut.

No. 575—Tuscan bronzed, packed with screws ..... Per gross \$2.50



Full size cut.

No. 475—Tuscan bronzed, packed with screws ..... Per gross \$3.50



Full size cut.

No. 375—Tuscan bronzed, packed with screws ..... Per gross \$4.50

One-sixth gross in a box.

PETERBOROUGH LOCK MFG. CO.



No. 3435—3/4 inch Berlin bronzed ..... Per gross \$4.00  
No. 4435—3/4 inch bronze plated ..... Per gross 8.00

Quarter gross in a box.

Nos. ....  
Size, inch. ....  
Per dozen pairs. ....

Nos. ....  
Size of handle, inch. ....  
Per dozen pairs. ....



WROUGHT CHEST HANDLES



Full size cut of No. 1.

JAPANNED.

Nos.....	0	1	2	3	4
Size, inch.....	3¼	4	4½	4¾	5
Per dozen pairs.....	\$0.45	.60	.80	.85	1.00

Surface Chest Handles



Full size cut of No. 11.

JAPANNED.

Nos.....	1	2	3
Size of handle, inch.....	3½ x 3	3½ x 3½	4½ x 4¼
Per dozen pairs.....	\$1.15	1.80	2.80

Half dozen in a box.

FLUSH CHEST HANDLES



Full size cut of No. 31.

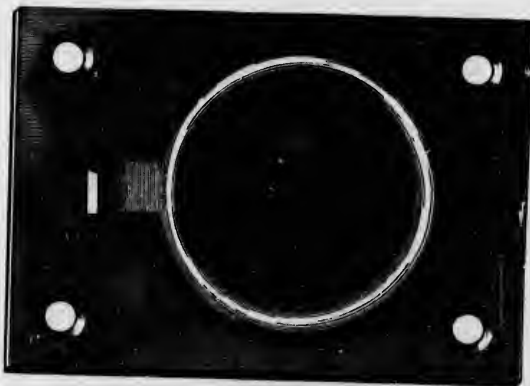
JAPANNED.

Nos.....	31	32	33	34
Size of handle, inch.....	2 3/8	3	3 1/4	3 1/2
Per dozen pairs.....	\$1.50	1.95	3.50	4.10

Nos. 31 and 32, half dozen pairs in a box.

Nos. 33 and 34, quarter dozen pairs.

Flush Trap Door Rings



Full size cut.

JAPANNED.

No. 1.....	Per dozen \$1.00
------------	------------------

One dozen in a box.



Full size



Full size

BEDSTEAD CASTERS



	All Iron		
	Copper Bronzed		
1 5-8 inch.....	1	2	3
Per set .....	\$0.14	.16	.18
2 inch .....	1	2	2
Per set.....	\$0.20	.21	.21

Six sets in a box.



Full size cut 1 1/4 x 3.



Full size cut of No. 3.

Pianoforte Casters

All Iron

Long Stem

No. 3—Turned iron wheel.....Per set \$0.45 net

Four sets in a package.

..... 3 1/4  
 ..... 3 1/2  
 ..... 4.10

..... Per dozen \$1.00

## PLATE CASTERS

## LONG WROUGHT PIVOT.



Full size cut of No. 3.

## Copper Bronzed, Iron Wheel.

Nos .....	1	2	3	4	5	6
Diameter of wheel, inch.....	$\frac{3}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{7}{16}$
Per set .....	\$0.12	.14	.16	.18	.22	.27

## Copper Bronzed, Porcelain Wheel.

Nos .....	1	2	3	4	5	6
Diameter of wheel, inch.....	$\frac{3}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{7}{16}$
Per set .....	\$0.14	.15	.16	.19	.24	.29

Six sets in a box.

## Philadelphia Pattern Plate Casters.



Full size cut of No. 3.

## All Iron, Copper Bronzed.

Nos.....	1	2	3	4	5	6
Per set .....	\$0.12	.13	.15	.17	.19	.22

## Iron Horn, Porcelain Wheel.

Nos.....	1	2	3	4	5	6
Per set .....	\$0.14	.15	.17	.19	.21	.24

Six sets in a box.



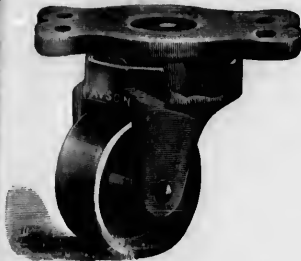
Style of



Full size cut

Bed Fe  
One-half s

**PAYSON'S ANTI-FRICTION CASTERS**



Style of 184 x 37.

Bronzed Iron, Oblong Plate, Iron Wheel.

1 1/4 inch wheel. 1 1/4 inch plate.

No. 184 x 37 ..... Per set \$0.50

One set in a box.

5 6  
1 3/8 17.16  
.22 .27

**Martin's Patent Casters**

Bronzed Iron, Round Plate, Iron Wheels.



Full size cut of No. 4.

No.	Per set.	Diameter of wheel.	Face of wheel.	Size of plate.	Height from floor.
2.....	\$0.80	1 inch	5/16 inch	1 1/4 inch	1 1/2 inch
3.....	.85	1 1/2 inch	3/8 inch	1 1/2 inch	1 3/4 inch
4.....	.90	1 3/4 inch	1/2 inch	1 3/4 inch	2 1/4 inch
5.....	1.00	1 7/8 inch	9/16 inch	2 1/4 inch	2 3/4 inch
10.....	2.00	3 1/4 inch	1/2 inch	3 3/4 inch	4 1/4 inch

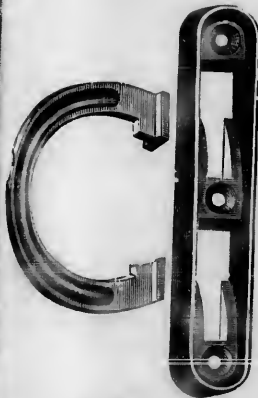
All sizes (except No. 10) one set in a box.

5 6  
1 3/8 17.16  
.24 .29

**Horse Shoe Bed Fasteners**

No. 2..... Per set \$0.10

50 sets in a box.



Bed Fasteners.  
One-half size cut No. 2.

5 6  
.19 .22

**Wire Springs**

Best coppered steel wire sofa springs.. Per lb. \$0.06 1/2

Packed in barrels.

All classes of steel wire springs supplied to order.

5 6  
.21 .24



Sofa Springs.



No. 823

**STORE TRUCK CASTERS**

**STATIONARY.**

No. 823—Japanned, 3 inch wheel .....each \$0.20

**WIDE WHEEL.**

Wheel 2 inches wide.

Japanned.

No. 1825—4½ inch wheel, 2 inches wide.....each \$0.75



No. 1835.

**Store Truck Casters**

**SWIVEL.**

No. 833—Japanned, 3 inch wheel.....each \$2.40

**WIDE WHEEL.**

Wheel 2 inches wide.

Japanned.

No. 1835—4½ inch wheel, 2 inches wide .....each \$0.85

No. 20—Brass flu  
No. 20—Brass flu

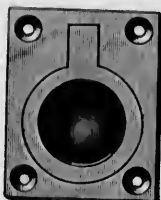
No. 8080 .....  
Per single dozen ..

No. 5427 .....  
Per dozen.....

No. 2365—1 1-4 inch

No. 2365—1 1-4 inch

FLUSH RINGS



No. 20—Brass flush rings, 1 1-4 inch ..... Per dozen \$1.35  
 No. 30—Brass flush rings, 1 3-8 inch ..... Per dozen 1.65

Brass Lifting Handles



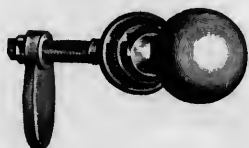
No. 8090 ..... Inch 2 1-2 ..... 3  
 Per single dozen ..... \$1.50 ..... 1.95

Brass Cash Box Handles



No. 5427 ..... Inch 3 ..... 3 1-2  
 Per dozen ..... \$2.50 ..... 3.00

Cupboard Turns



WHITE CHINA.

No. 2365—1 1-4 inch ..... Per dozen \$1.35

BLACK CHINA.

No. 2365—1 1-4 inch ..... Per dozen \$1.35

One dozen in a box.

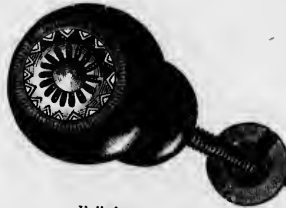
COMMODOE BUTTONS



Full size cut No. 322.

- No. 322—1½ inch knob, nickel or gilt ..... Per dozen \$0.35  
 No. 323—1½ inch knob, nickel or gilt ..... Per dozen 0.35  
 No. 322 three dozen in a box. No. 323 one dozen.

Desk or Drawer Knobs



Full size cut No. 2.



Full size cut No. 3.

- No. 2—Ebony and gilt desk knobs ..... Per dozen \$0.45  
 No. 3—Ebony and gilt desk knobs ..... Per dozen 0.45  
 Three dozen in a box.

Drop Handles



Full size cut No. 069.



Full size cut No. 070.



Full size cut No. 071.

- No. 069—Ebony and gilt drop handles ..... Per dozen \$0.70  
 No. 070—Ebony and gilt drop handles ..... Per dozen 0.70  
 No. 071—Ebony and gilt drop handles ..... Per dozen 0.70  
 Three dozen in a box.

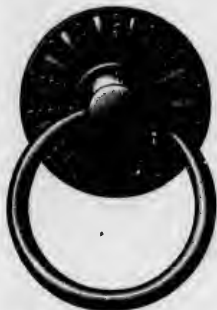
No. 1169—Nickel

No. 4574—Cast Iron

No. 4738—Cast Iron



RING FURNITURE HANDLES.



No. 1169. Full size cut.



No. 1183. Full size cut.

No. 1169—Nickel. . . . . Per dozen \$0.28

No. 1183—Nickel. . . . . Per dozen \$0.33

Drop Furniture Handles.



No. 4574. Full size cut.



No. 4576. Full size cut.

No. 4574—Cast brass . . . . . Per single dozen \$1.05

No. 4576—Cast brass . . . . . Per single dozen \$1.05



No. 4738. Full size cut.

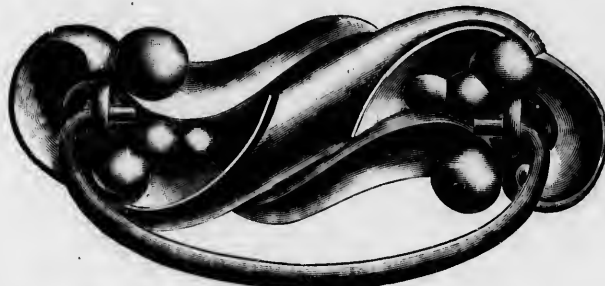


No. 4752. Full size cut.

No. 4738—Cast brass . . . . . Per single dozen \$3.60

No. 4752—Cast brass. . . . . Per single dozen \$1.00

DROP FURNITURE HANDLES



No. 1345—Sheet metal, oxidized..... Per single dozen \$0.48  
 Six dozen in a box.

No. 1345. Full size cut.



No. 1193—Brass and oxidized..... Per single dozen \$0.48  
 Six dozen in a box.

No. 1193. Full size cut.



No. 4735—Cast brass, plain polished ball..... Per single dozen \$2.00  
 No. 4735—Cast brass, fancy ball (as cut)..... Per single dozen 2.35

No. 4735. Full size cut.

No. 4744—Cast br

No. 4736—Cast brass

No. 4716—Cast brass

DROP FURNITURE HANDLES



No. 4744. Full size cut.

No. 4744—Cast brass.....Per single dozen \$2.25

Single dozen \$0.43



No. 4736. Full size cut.

No. 4736—Cast brass.....Per single dozen \$2.55

Single dozen \$0.43



No. 4716. Full size cut.

No. 4716—Cast brass.....Per single dozen \$3.60

Single dozen \$2.05  
e dozen 2.25

**PICTURE KNOBS**

Silver-plated Base under Screw Head and under Knob.



No. 90. Full size cut of 3/4 inch.



No. 125.

**No. 90—White Porcelain, Long Screws.**

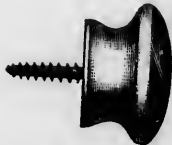
Inch .....	3-4	7-8	1
Per gross .....	\$3.00	3.25	3.50

**Black Enamelled Wood, Long Screws.**

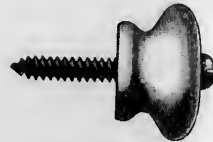
Nos. ....	131	127	125
Inch .....	1-2	1-2	1-2
Per gross .....	\$2.85	3.00	3.30

One-quarter gross in a box.

**Porcelain Shutter Knobs**



No. 1. Full size cut of 1 inch.



No. 15. Full size cut of 1 inch.

**No 1—Fast Screw.**

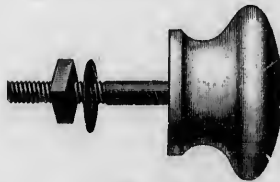
Inch .....	5-8	3-4	1	1 1-4	1 1-2	1 3-4	2
Per gross .....	\$3.75	3.90	4.40	6.20	7.75	11.50	13.00

**No. 15—Round Head Tinned Screw.**

Inch .....	5-8	3-4	1	1 1-4	1 1-2
Per gross .....	\$3.35	3.50	3.75	5.50	6.75

One-quarter gross in a box.

**Porcelain Drawer Knobs**



Full size cut of 1 1/4 inch.

**No. 5—Fast Screw, with Nut and Washer.**

Inch .....	1	1 1-4	1 1-2	1 3-4	2
Per gross .....	\$6.50	8.25	9.50	11.75	13.50

One-sixth gross in a box.



No. 115. Full



No. 35. F



No.

Erminie, 15-16 inch,

Hartshorn's, 1 inch,  
Hartshorn's, 1 1/4 inch,



Nickel stair corner pin  
Gilt stair corner plates



No. 115. Full size cut of 1/2 inch.

**BRASS SIDE PULLEYS.**

**No. 115—Wrought Brass, Single Wheel.**

5-8 inch, wrought brass ..... Per dozen \$1.50

Two dozen in a box.



No. 35. Full size cut of 1 inch.

**Brass Screw Pulleys**

**No. 35—Single Wheel.**

Cast brass, polished and lacquered.

5-8 inch wrought brass ..... Per dozen \$1.05  
3-4 inch wrought brass ..... Per dozen 1.20



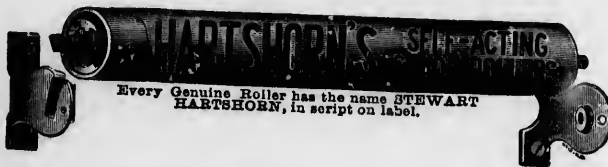
No. 37. Full size cut of 3/4 inch.

**No. 37—Double Wheel.**

Cast brass, polished and lacquered.

5-8 inch wrought brass ..... Per dozen \$1.65  
3-4 inch wrought brass ..... Per dozen 2.00

One dozen in a box.



Every Genuine Roller has the name STEWART HARTSHORN, in script on label.

Ermine, 15-16 inch, wood shade rollers, 42 inches long ..... Per gross \$18.00  
Half gross in a box.

Hartshorn's, 1 inch, wood shade rollers, 42 inches long ..... Per gross 27.00

Hartshorn's, 1 1/2 inch, wood shade rollers, 48 inches long ..... Per gross 42.00  
One-quarter gross in a box.

**Stair Plates**



- No. 828—Nickel, concave centre ..... Per gross \$3.40
- No. 828—Gilt, concave centre ..... Per gross 3.40
- No. 1021—Gilt, convex centre ..... Per gross 3.00
- No. 1021—Nickel, convex centre ..... Per gross 3.00
- No. 1025—Gilt, concave centre ..... Per gross 3.00
- No. 1025—Nickel, concave centre ..... Per gross 3.00
- No. 172—Bronze, concave centre ..... Per gross 4.80

**Stair Corner Plates**

Prevents dust collecting in corners of stairs.

Nickel stair corner plates ..... Per gross \$3.40  
Gilt stair corner plates ..... Per gross 3.40  
Half gross in a box.

7-8 1  
3.25 3.50

127 1-2 125 1-2  
3/4 1/2  
3.00 3.50

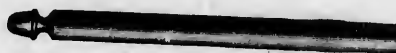
2 1 3-4 2  
5 11.50 13.00

1 1-4 1 1-2  
5.50 6.75

1 3-4 2  
11.75 13.50

ROUND BRASS STAIR RODS

Turned ends.



No. 3 x 18 .. 21 .. 24 .. 27 inch. ....	No. 2 x 30 .. 3-8 x 27 .. 30 .. 33 inch.
Per dozen. \$0.65 .. .75 .. .85 .. .95	Per dozen. \$1.20 .. 1.00 .. 2.00 .. 2.40

Stair Rod Eyes

No. 300 x No. 3 .....	2
Per gross..... \$1.75 .....	2.00

WROUGHT.

Nos..... 3 .....	2
Per gross. \$1.75 .....	1.75

Brass Drapery Pins



Nos. 321, 322

Point of hook being bent inward gives secure hold on eye of ring.

No. 0321—Brass plated wire.....	Per gross	\$0.40
No. 321—Heavy brass wire .....	Per gross	0.55

One gross in a package.

Picture Hooks



No. 119



No. 127



No. 99



No. 65

No. 119—1½ inch, brass plated.....	Per gross	\$0.90
No. 99—1½ inch, (as 119) polished brass.....	Per gross	1.65
No. 127—1½ inch, brass plated.....	Per gross	1.50
No. 99—1½ inch, brass, gilt finish .....	Per gross	2.70
No. 65—1½ inch, brass, gilt finish.....	Per gross	2.65

One-quarter gross in a box.

No. 53—1½ inch, plain brass, nickel-plated.....	Per gross	2.50
No. 53—1½ inch, plain brass, polished.....	Per gross	2.50



3/4 x 1 1/2

Inch .....

Nos.....

Per gross .....



1/4 x 20    5-16 x 20



1 x 10.



Full size cut of 2 1/2

**BRASS SCREW RINGS**



1/4 x 18



7-16 x 18



1/2 x 10



3/4 x 14



1 x 14

Inch.....	1/4	7-16	1/2	3/4	1
Nos.....	3-8	18	18	1-2	5-8
Per gross.....	\$0.55	.75	1.05	1.40	2.25

One gross in a box.

**Brass Curtain Rings**



1/4 x 20



5-16 x 20



3/8 x 18



7-16 x 18



1/2 x 18



3/4 x 18



1 x 16



1 1/4 x 16



1 x 16

Inch.....	1-4	5-16	3-8	7-16	1-2	5-8	3-4	7-8	1	1	1 1/4	1 1/4
Nos.....	20	20	18	18	18	18	16	16	16	14	10	8
Per gross.....	\$0.15	.17	.19	.22	.23	.27	.40	.55	.65	.75	1.50	1.65

**Brass Cornice Pole Rings**

No. 61.

Inch.....	1 3/4	2	2 1/4
Per dozen.....	\$0.20	.30	.35

HEAVY ENGLISH.

No. 701.

Inch.....	2 1/2	3	3 1/2
Per dozen.....	\$0.75	.90	1.35



Full size cut of 2 inch.

30 .. 33 inch.  
2.00 .. 2.40

2  
1.75

Per gross \$0.40  
Per gross 0.55



No. 65

Per gross \$0.90  
Per gross 1.65  
Per gross 1.50  
Per gross 2.70  
Per gross 2.65

Per gross 2.20  
Per gross 2.20

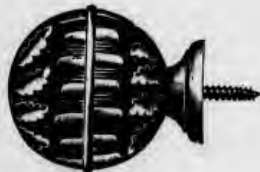
CORNICE POLE TRIMMINGS



No. 3130



No. 3130—1½ inch, fancy brass pole sets..... Per set \$0.20



No. 3105



No. 3105—1½ inch, fancy brass pole sets ..... Per set \$0.20  
 No. 365—1½ inch, brass, gold lacquered, silver band and ball ..... Per set .90  
 No. XX2—2 inch, brass, polished ..... Per set .50

One set in a package.

Brass Cornice Pole Ends

Gold lacquered and polished.

No. 1782—2½ inch, English, heavy brass, fancy pattern ..... Per pair \$1.05  
 No. 1807—2½ inch, English, heavy brass, fancy pattern ..... Per pair 1.15

One pair in a box.

Cornice Pole Brackets

No. 69—1½ inch, brass plated, gilt finish ..... Per pair \$0.15  
 No. 69—2 inch, brass plated, gilt finish ..... Per pair .18  
 No. 127—1½ inch, polished brass ..... Per pair .18  
 No. 127—2 inch, polished brass ..... Per pair .25  
 No. 500—2½ inch, lacquered brass, heavy English ..... Per pair .38

Twelve pairs in a box.

Cornice Poles

Oiled and stained. Ebony, Walnut, Antique Oak, Cherry.

1½ inch x 5 feet..... Per dozen \$2.00 | 2 inch x 6 feet ..... Per dozen \$3.55

No. 518

No. 518—Brass,  
 No. 40—Brass,  
 No. 28—Brass,  
 No. 131—Brass,

No. 0109 Brass,

No. 436—Brass.....

No. 327—Gilt .....  
 No. 328—Silver.....



BRASS TASSEL HOOKS



...Per set \$0.20



. Per set \$0.20  
 . Per set .50  
 . Per set .50

Per pair \$1.05  
 Per pair 1.15

Per pair \$0.15  
 Per pair .18  
 Per pair .18  
 Per pair .26  
 Per pair .38

er dozen \$3.25



No. 518



No. 40



No. 28



No. 131

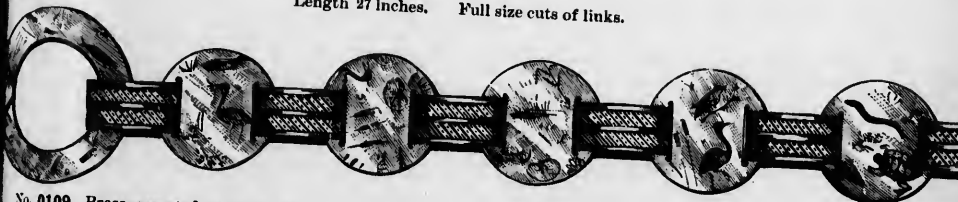
Full size cuts.

No. 518—Brass, solid shoulder, unpolished .....	Per gross \$1.65
No. 40—Brass, gilt finish .....	Per gross 3.30
No. 28—Brass, gilt finish .....	Per gross 5.25
No. 131—Brass, polished .....	Per gross 6.50

One quarter gross in a box.

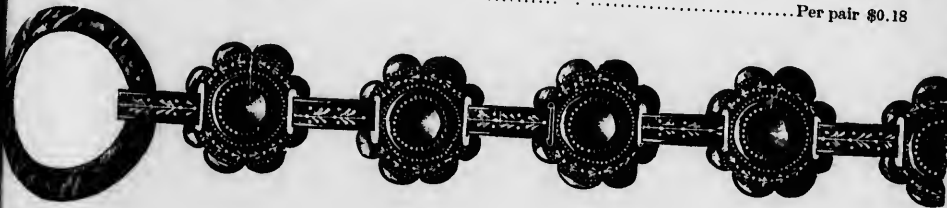
Drapery Chains

Length 27 inches. Full size cuts of links.



No. 0109 Brass, assorted patterns, fancy .....

Per pair \$0.18



No. 438—Brass .....

Per pair \$0.27



No. 327—Gilt .....

Per pair \$0.27

Per pair .33

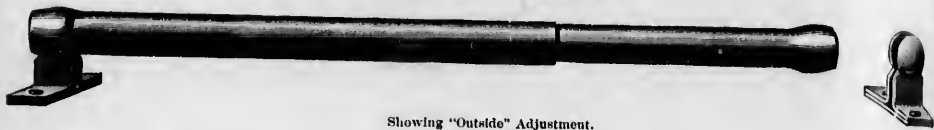
DRAPERY CHAINS



Length, 27 inches. Full size cut of links.

No. 428—Silver, gold and bronze ..... Per pair \$1.00

Adjustable Sash Rods



Showing "Outside" Adjustment.

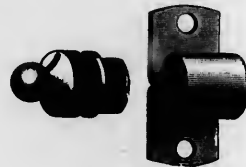
Length, 24 inches. Extending to 44 inches.

No. 8802—Brass polished ..... Per dozen \$2.80

Vestibule and Sash Rod Sockets and Brackets



Style of Nos. 14 and 18.



Style of Nos. 0152 and 0156.

Brass, with slotted head, screw, 1/4 inch .....	Per dozen pairs \$0.50
Brass, with slotted head, screw, 3/8 inch .....	Per dozen pairs 1.20
No. 14—Brass, gilt finish, 1/4 inch .....	Per dozen pairs 1.00
No. 18—Brass, gilt finish, 3/8 inch .....	Per dozen pairs 1.05
No. 0152—Brass, gilt finish, 1/4 inch .....	Per dozen pairs 1.00
No. 0156—Brass, gilt finish, 3/8 inch .....	Per dozen pairs 1.10

Three dozen pairs in a box.

Vestibule Rod Rings



No. 4



No. 26

No. 4—Brass, gilt finish, 3/8 inch .....	Per gross \$1.00
No. 4—Brass, gilt finish, 1/2 inch .....	Per gross 1.10
No. 26—Brass, gilt finish, 1/2 inch .....	Per gross 1.15
No. 26—Brass, gilt finish, 3/4 inch .....	Per gross 1.30

No. 50—Nickel, p  
No. 52—Nickel, p

No. 50 1/2—Nickel, 3  
No. 052—Silvered, 1 1/2

SHADE PULLS

Full size cuts.



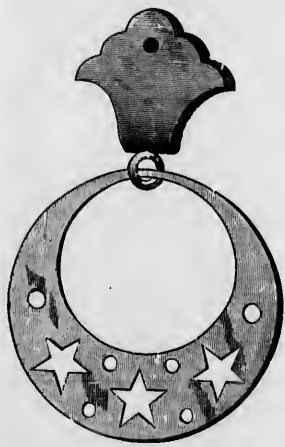
No. 50.



No. 52. Cut of 2 inch.

No. 50—Nickel, polished, 1½ inch ..... Per gross \$2.50  
 No. 52—Nickel, polished, 1½ inch ..... Per gross 2.85

One quarter gross in a box.



No. 50½.



No. 52½.

No. 50 1/2—Nickel, 2 inch ..... Per gross \$3.30  
 No. 52½—Silvered, 1½ inch ..... Per gross 4.00

One quarter gross in a box.

.....Per pair \$1.00

...Per dozen \$2.80

dozen pairs 80.50  
 dozen pairs 1.20  
 dozen pairs 1.60  
 dozen pairs 1.65  
 dozen pairs 1.00  
 dozen pairs 1.19

. Per gross \$1.00  
 . Per gross 1.10  
 . Per gross 1.15  
 . Per gross 1.30



CHANDELIER HOOKS



No 410. Full size cut of 6 inch screw.



No. 450. Full size cut of 3 1/4 inch screw.

No. 450—Berlin Bronzed.

Steel screw.

Length of screw.....	2	1-2	inch	.....	1/2	inch
Per dozen .....		\$0.70		.....		.90

One dozen in a box.

No. 410—Berlin Bronzed.

Steel wire.

Length of screw.....	3	.....	4	.....	6	.....	8	.....	10
Per dozen .....	\$0.90	.....	1.00	.....	1.15	.....	1.35	.....	1.60

One dozen in a box.



No. 47  
No.  
S  
Length of screw ..  
Per dozen .....

CHANDELIER HOOKS



No. 470. Full size out of 4 inch screw.

No. 470—Berlin Bronzed.  
Steel screw, with base.

Length of screw .....	4	6	8	10
Per dozen .....	\$1.80	2.10	2.70	2.90

One dozen in a box.



No. 210. Grecian Pattern. Full size out of 4 inch screw.

No. 210—Tuscan Bronzed.  
Steel screw, with base.

Length of screw ...	3	4	6	8	10
Per dozen .....	\$0.85	1.05	1.90	1.65	2.05

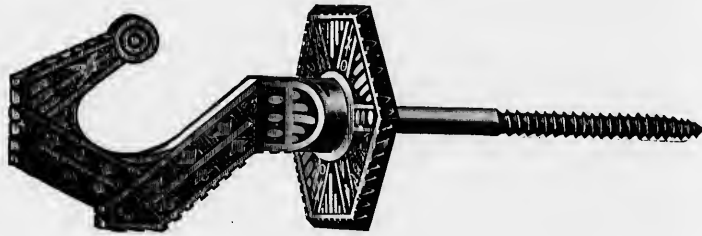
One dozen in a box.

4 inch  
.90

8 ..... 10  
1.35 ..... 1.60

CHANDELIER HOOKS

PETERBOROUGH LOCK MFG. CO.



Full size cut of No. 1175.

Nos .....  
 Length, inch.....  
 Per dozen.....

BERLIN BRONZED.

<b>1175</b> .....	<b>1176</b> .....	<b>1177</b> .....	<b>1178</b> .....
3 .....	4 .....	6 .....	8 .....
\$1.00 .....	1.20 .....	1.40 .....	1.60 .....

Nos .....  
 Length, inch.....  
 Per dozen.....

BRONZE PLATED.

<b>1179</b> .....	<b>1180</b> .....	<b>1181</b> .....	<b>1182</b> .....
3 .....	4 .....	6 .....	8 .....
\$1.50 .....	1.70 .....	1.90 .....	2.10 .....

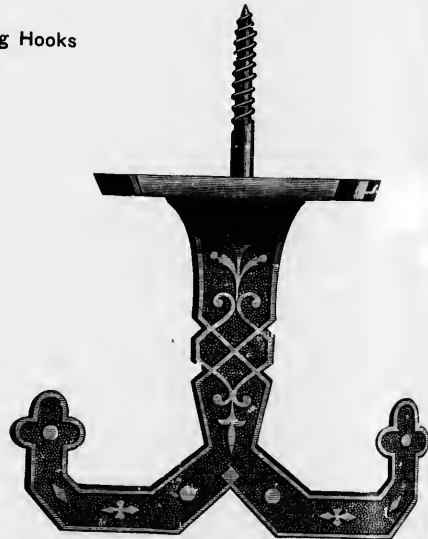
One dozen in a box.

Ceiling Hooks



Full size cut of No. 32.

No. 32—Japanned, cast screw..... Per gross \$2.25  
 Half gross in a box.



Full size cut of No. 39. Patented.

No. 39—With base, steel screw..... Per gross \$7.50  
 Quarter gross in a box.

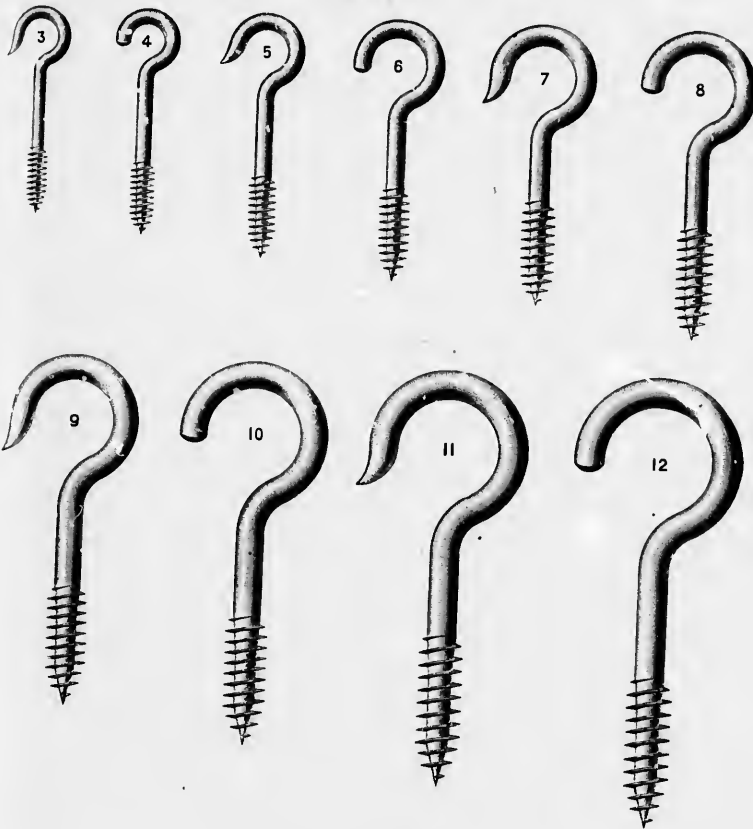
Nos.....  
 Per gross .....

Nos.....  
 Per gross .....

All hooks su

BRIGHT AND BRASS WIRE SCREW HOOKS

Full size cuts.



PRICE PER GROSS.

BRIGHT WIRE.

Nos.....	3	4	5	6	7	8	9	10	11	12
Per gross .....	\$0.27	.34	.39	.60	.60	.75	.85	1.00	1.30	1.65

BRASS WIRE.

Nos.....	3	4	5	6	7	8	9	10	11	12
Per gross .....	\$0.45	.65	.85	1.15	1.50	2.00	2.50	3.20	4.10	5.10

One gross in a box.

All hooks supplied with sharp points. Can furnish with blunt points as Nos. 4, 6, 8, 10 and 12 to order.

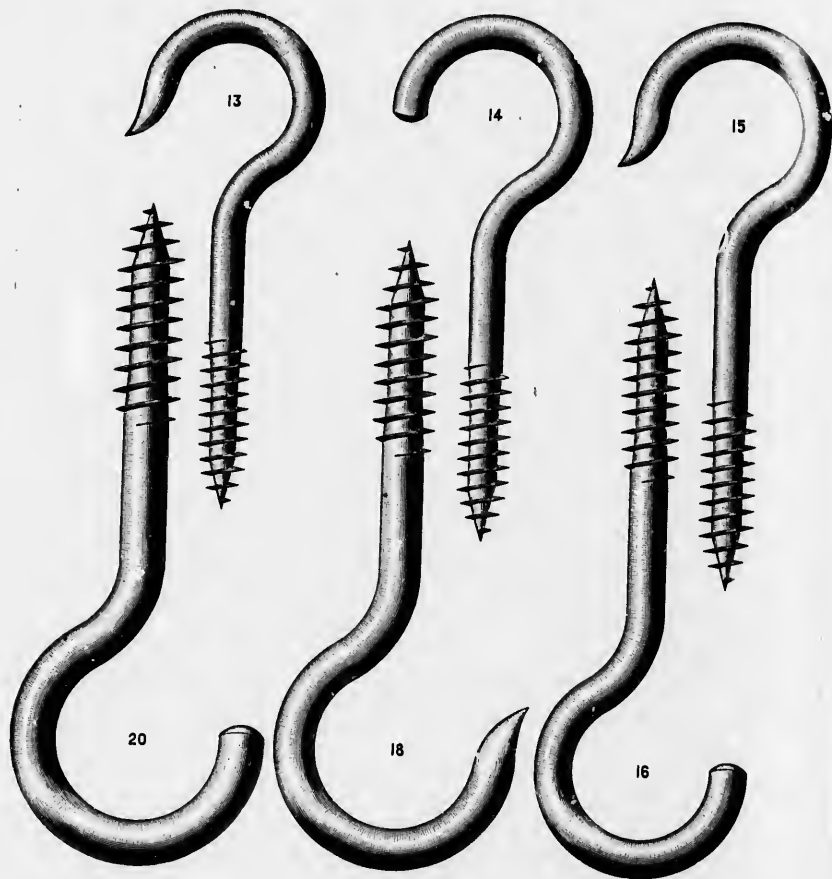
..... 1178  
 ..... 8  
 ..... 1.60  
 ..... 1182  
 ..... 8  
 ..... 2.10

.....  
 Per gross \$7.30



BRIGHT AND BRASS WIRE SCREW HOOKS

Full size cuts.



PRICE PER GROSS.

		BRIGHT WIRE.					
Nos.		13	14	15	16	18	20
Per gross	\$2.00	2.40	2.90	3.50	4.25	5.70	
		BRASS WIRE.					
Nos.		13	14	15	16	18	20
Per gross	\$6.80	7.40	8.80	10.60	13.40	16.90	

One gross in a box.

All hooks supplied with sharp points. Can furnish with blunt points as Nos. 14, 16 and 20 to order.



Full size cut of 1/4 Inch.

Inch .....  
Per gross .....

Inch .....  
Per gross .....

Inch .....  
Per gross .....

Inch .....  
Per gross .....

Inch .....  
Gauge .....  
Per gross .....

Inch .....  
Per gross .....

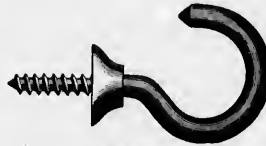
**BRASS CUP HOOKS**



Full size cut of 1/4 inch.



Full size cut of 1 inch.



Full size cut of 1 1/4 inch.

**No. 81—Brass wire, polished and lacquered.**

Inch.....	1-2	5-8	3-4	1	1 1-4	1 1-2
Per gross.....	\$0.90	1.00	1.05	1.30	2.20	2.70

Half gross in a box.

**Brassed Shouldered Cup Hooks**

Inch.....	5-8	3-4	1
Per gross.....	\$1.00	1.10	1.75

One gross in a package.

**Brass Screw Hooks**



Full size cut of 1/4 inch.



Full size cut of 1 inch.

**No. 412—Brass wire, polished and lacquered.**

Inch.....	1-2	5-8	3-4	1	1 1-4
Per gross.....	\$0.75	0.80	1.00	1.20	1.35

**Brassed Shouldered Square Hooks**

Inch.....	3-4	1	1 1-4
Per gross.....	\$1.05	1.65	2.25

One gross in a package.

**Bright Wire Screw Hooks**



**Square**

Inch.....	1 1-4	1 1-2	1 3-4	2	2 1-4	2 1-2	2 3-4	3
Gauge.....	4	5	6	7	8	9	10	10
Per gross.....	\$0.40	.53	.67	.80	1.00	1.40	1.80	2.20

One gross in a package.

**Bright Wire Shouldered Square Hooks**

Inch.....	3-4	1	1 1-4	1 1-2
Per gross.....	\$0.70	.95	1.20	1.25

One gross in a package.

15

18 ..... 20  
25 ..... 5.70

18 ..... 20  
40 ..... 16.90

to order.

MALLEABLE IRON BED HOOKS AND EYES

No. 50



Full size cut of 2 inch.

Coppered Iron, oval, either right or left hand.

Inch.....	1 1-2	.....	2	.....	2 1-2
Per gross .....	\$0.60	.....	.75	.....	1.10

One gross in a box.

Brass Hooks and Eyes

No. 60



Full size cut of 2 inch.

Double Convex, either right or left hand, heavy.

Inch.....	1	.....	1 1-2	.....	2	.....	2 1-2
Per gross .....	\$1.50	.....	1.65	.....	2.25	.....	3.25

One gross in a box.

Brass Cabin Door Hooks

No. 72



Full size cut of 2 1/2 inch.

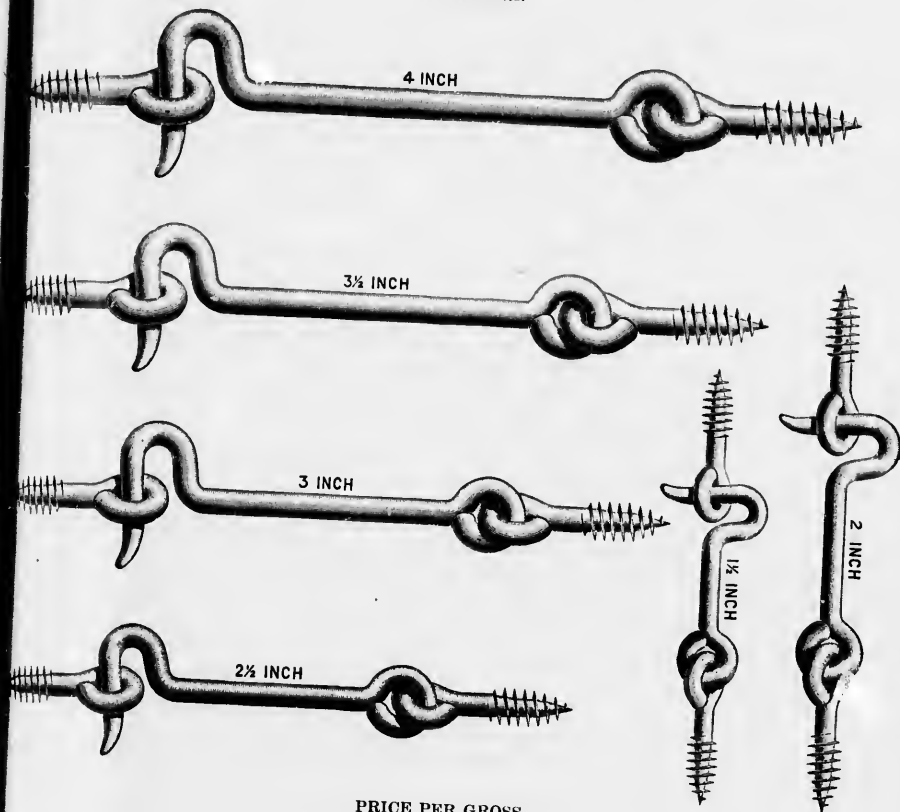
Cast Brass, polished and lacquered.

Inch.....	2 1-2	.....	3	.....	
Per dozen.....	\$1.80	.....	2.65	.....	

Two dozen in a box.

BRIGHT AND BRASS WIRE GATE HOOKS AND EYES

Full size cuts.



PRICE PER GROSS.

BRIGHT WIRE.											
Inch.....	1 1-2	2	2 1-2	3	3 1-2	4	4 1-2	5	5 1-2	6	
Per gross.....	\$1.40	1.70	2.10	2.30	2.80	3.35	4.00	4.80	5.65	6.50	
BRASS WIRE.											
Inch.....	1 1-2	2	2 1-2	3	3 1-2	4	4 1-2	5	5 1-2	6	
Gauge.....	6	7	8	9	10	11	12	13	13	13	
Per gross.....	\$2.70	3.60	4.75	6.55	8.35	10.45	12.70	15.20	16.00	16.80	

1 1/2 to 2 1/2 Inch, one gross in a box. Larger sizes, half gross.

..... 2 1-2  
..... 1.10

2 ..... 2 1-2  
.25 ..... 3.25

..... 3  
..... 2.65

STOVE PIPE SCREW EYES

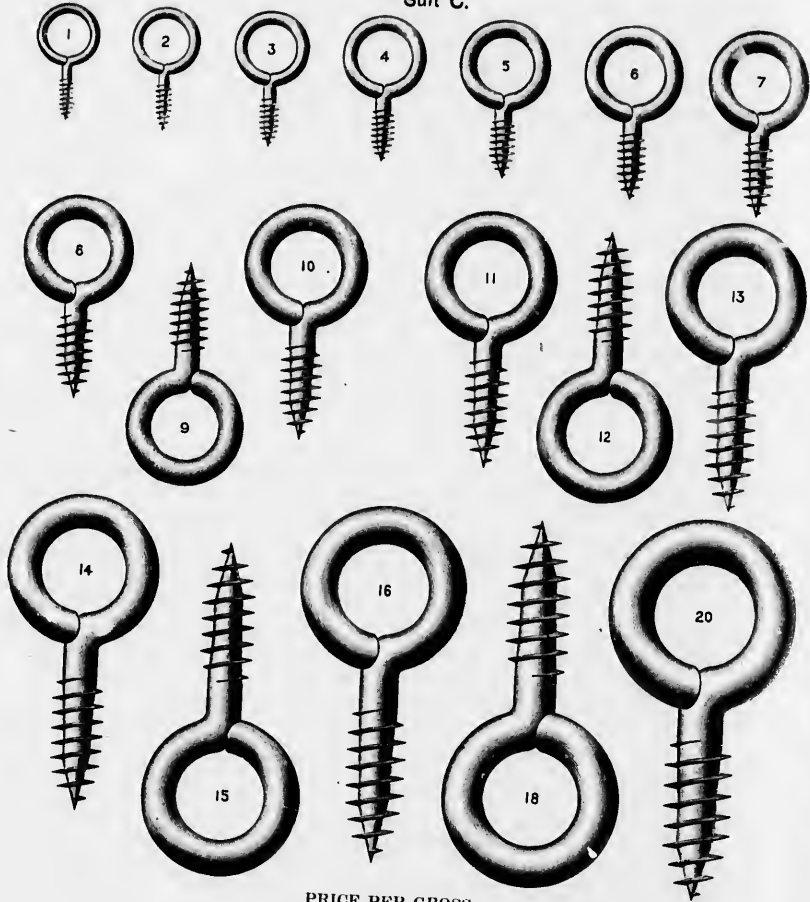
No. Gauge .....	5	6	7	8
Inch .....	1 1/4	2	2 1/2	3
Per gross .....	\$0.40	.52	.67	.85

One gross in a package.

Bright and Brass Wire Screw Eyes

Full size cuts.

Suit C.



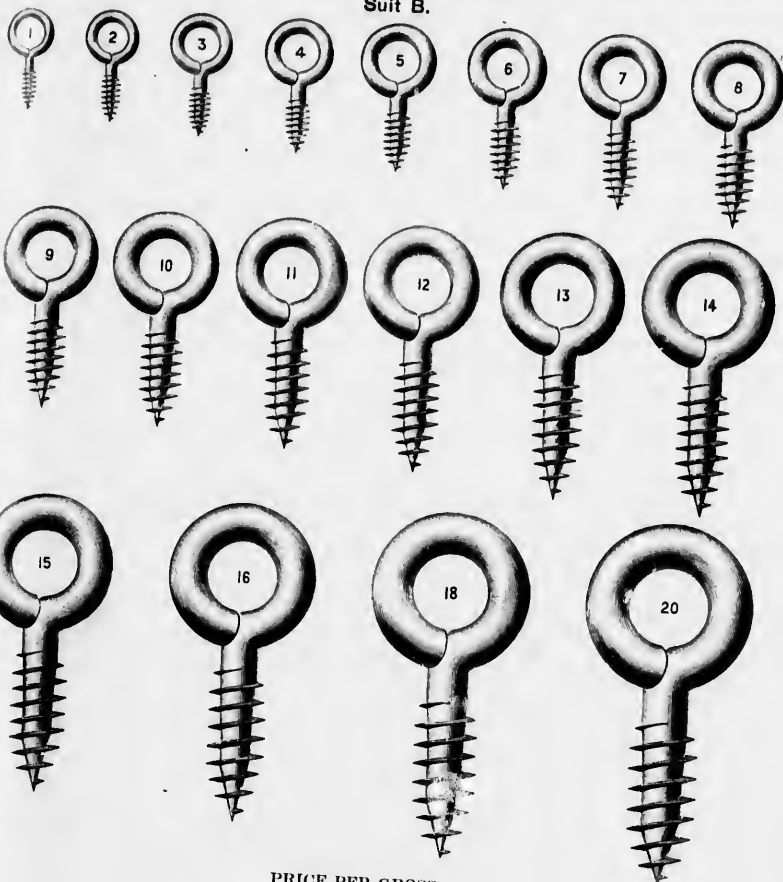
		PRICE PER GROSS.									
		BRIGHT WIRE.									
Nos. ....	1	2	3	4	5	6	7	8	9	10	
Per gross .....	\$0.18	.20	.24	.30	.37	.45	.53	.60	.70	.80	
Nos. ....	10	11	12	13	14	15	16	18	20		
Per gross .....	\$0.80	1.00	1.20	1.40	1.60	1.90	2.30	2.90	4.00		
		BRASS WIRE.									
Nos. ....	1	2	3	4	5	6	7	8	9	10	
Per gross .....	\$0.30	.40	.50	.60	.80	1.00	1.40	1.80	2.30	2.90	
Nos. ....	10	11	12	13	14	15	16	18	20		
Per gross .....	\$2.90	3.50	4.20	5.00	5.80	6.60	7.40	9.40	12.00		

One gross in a package.

**BRIGHT AND BRASS WIRE SCREW EYES**

Full size cuts.

Suit B.



**PRICE PER GROSS.**

**BRIGHT WIRE.**

Nos. ....	1	2	3	4	5	6	7	8	9
Per gross.....	\$0.17	.18	.22	.27	.33	.40	.45	.50	.60
Nos. ....	10	11	12	13	14	15	16	18	20
Per gross.....	\$0.75	.85	1.00	1.20	1.40	1.70	2.00	2.60	3.75

**BRASS WIRE.**

Nos. ....	1	2	3	4	5	6	7	8	9
Per gross.....	\$0.25	.39	.40	.53	.70	.90	1.20	1.50	1.80
Nos. ....	10	11	12	13	14	15	16	18	20
Per gross.....	\$2.20	2.80	3.50	4.20	5.00	5.60	6.40	8.40	11.00

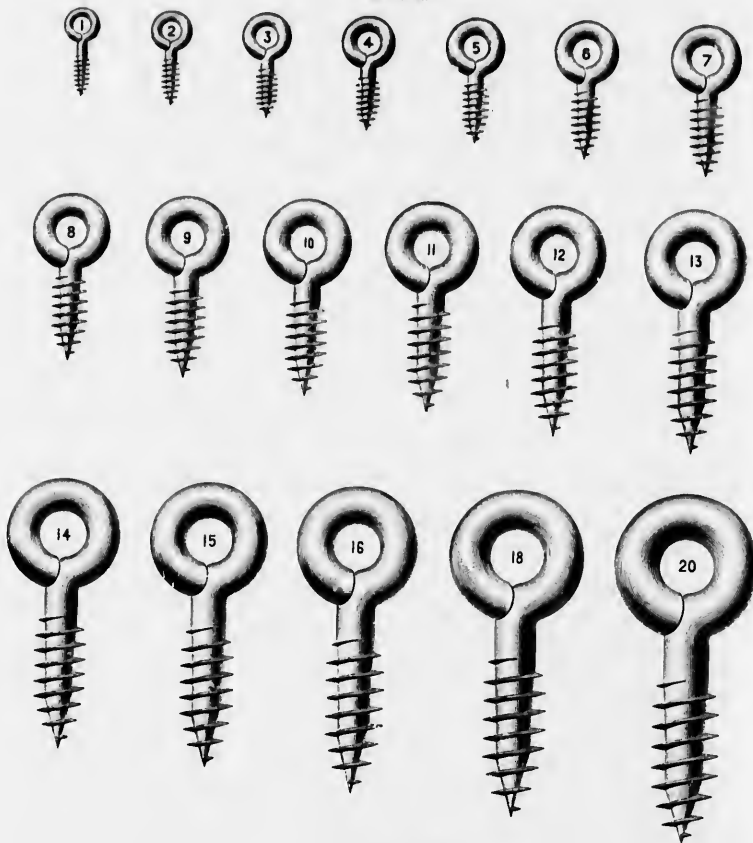
One gross in a package.

8 .. 9  
 .60 .. .70  
 18 .. 20  
 2.90 .. 4.00  
 8 .. 9  
 1.80 .. 2.30  
 18 .. 20  
 9.40 .. 12.00

BRIGHT AND BRASS WIRE SCREW EYES

Full size cuts.

Suit A.



PRICE PER GROSS.

BRIGHT WIRE.

Nos	1	2	3	4	5	6	7	8	9
Per gross	\$0.13	.15	.18	.24	.28	.33	.40	.45	.50
Nos	10	11	12	13	14	15	16	18	20
Per gross	\$0.60	.70	.90	1.12	1.27	1.45	1.60	2.30	3.15

BRASS WIRE.

Nos	1	2	3	4	5	6	7	8	9
Per gross	\$0.20	.25	.30	.40	.55	.70	.90	1.15	1.45
Nos	10	11	12	13	14	15	16	18	20
Per gross	\$1.85	2.25	2.75	3.50	4.00	4.55	5.40	7.20	9.30

One gross in a package.

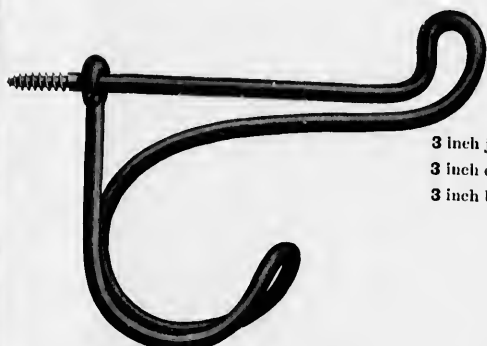
STEEL AND BRASS WIRE HAT AND COAT HOOKS



Full size cut of 2½ inch

- 2 1-2 inch japanned ..... Per gross \$2.15
- 2 1-2 inch coppered ..... Per gross 2.00
- 2 1-2 inch brass ..... Per gross 5.20

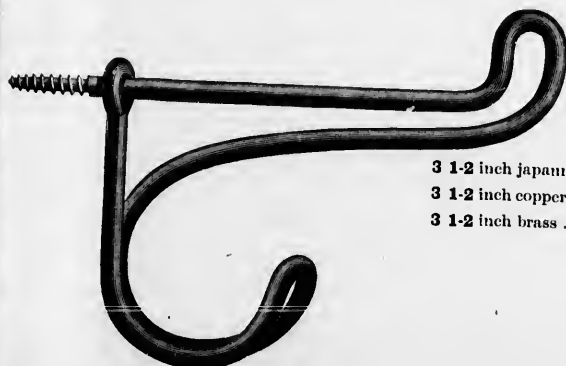
Half gross in a box.



Full size cut of 3 inch.

- 3 inch japanned..... Per gross \$2.55
- 3 inch coppered..... Per gross 2.40
- 3 inch brass..... Per gross 6.60

Half gross in a box.



Full size cut of 3½ inch.

- 3 1-2 inch japanned ..... Per gross \$3.20
- 3 1-2 inch coppered..... Per gross 3.00
- 3 1-2 inch brass ..... Per gross 8.75

Half gross in a box.



8	9
45	.50
8	20
30	3.15
3	9
15	1.45
8	20
20	9.30



HAT AND COAT HOOKS

Japanned and Copper Bronzed



full size cut of No. 3.

No. 03--Japanned .....	Per gross	\$1.00
No. 03--Copper bronzed .....	Per gross	1.10
No. 3--Japanned .....	Per gross	1.35
No. 3--Copper bronzed .....	Per gross	1.45

Half gross in a box.



Full size cut of No. 33.

No. 033--Japanned .....	Per gross	\$1.35
No. 033--Copper bronzed .....	Per gross	1.45
No. 33--Japanned .....	Per gross	1.65
No. 33--Copper bronzed .....	Per gross	1.75

One-third gross in a box.

No. 0133--Japa  
No. 0133--Copp  
No. 133--Japa  
No. 133--Copp

No. 013--Japanned  
No. 013--Copper b  
No. 13--Japanned  
No. 13--Copper b

HAT AND COAT HOOKS

Japanned and Copper Bronzed



Full size cut of No. 133

No. 0133—Japanned .....	Per gross	\$1.90
No. 0133—Copper bronzed .....	Per gross	2.00
No. 133—Japanned .....	Per gross	2.10
No. 133—Copper bronzed .....	Per gross	2.20

Quarter gross in a box.



Full size of cut No. 13.

No. 013—Japanned .....	Per gross	\$1.80
No. 013—Copper bronzed .....	Per gross	1.90
No. 13—Japanned .....	Per gross	2.20
No. 13—Copper bronzed .....	Per gross	2.30

Quarter gross in a box.

Per gross \$1.00  
Per gross 1.10  
Per gross 1.35  
Per gross 1.46

Per gross \$1.35  
Per gross 1.45  
Per gross 1.65  
Per gross 1.75

HAT AND COAT HOOKS

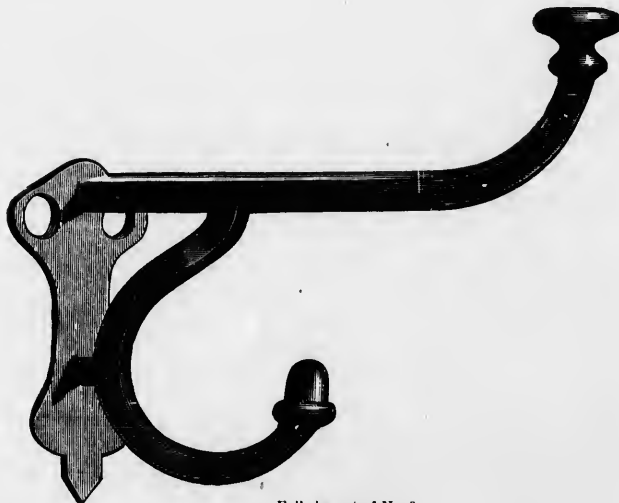
Japanned and Copper Bronzed



Full size cut of No. 5.

No. 05—Japanned .....	Per gross	\$1.90
No. 105—Copper bronzed .....	Per gross	2.00
No. 5—Japanned .....	Per gross	2.05
No. 115—Copper bronzed .....	Per gross	2.15

One-third gross in a box.



Full size cut of No. 9.

No. 9—Japanned .....	Per gross	\$2.25
No. 9—Copper bronzed .....	Per gross	2.33

One-third gross in a box.

No. 10—Japanned  
No. 10—Copper



Full size c

HAT AND COAT HOOKS

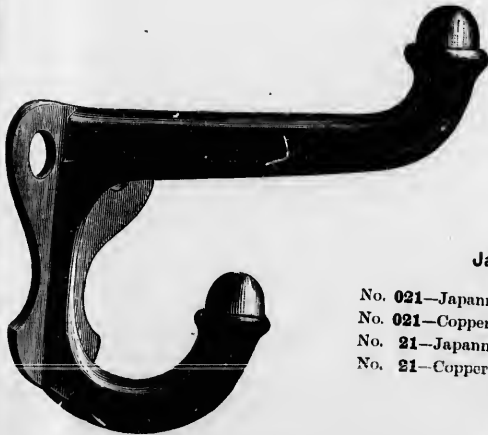
Japanned and Copper Bronzed



No. 10—Japanned..... Per gross \$5.00  
 No. 10—Copper bronzed..... Per gross 5.25

One-sixth gross in a box.

School House Hooks



Japanned and Copper Bronzed

No. 021—Japanned..... Per gross \$2.25  
 No. 021—Copper bronzed..... Per gross 2.35  
 No. 21—Japanned..... Per gross 2.40  
 No. 21—Copper bronzed..... Per gross 2.50

One-sixth gross in a box.

Full size out of No. 21

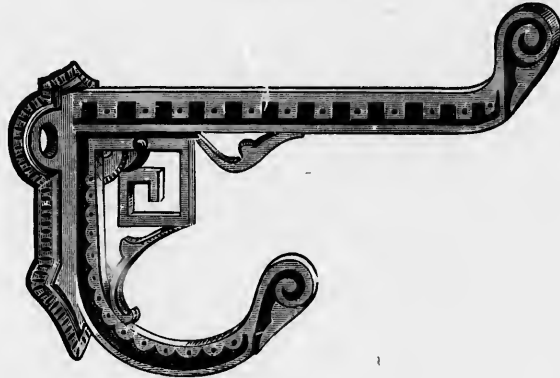
..Per gross \$1.90  
 ..Per gross 2.00  
 ..Per gross 2.05  
 ..Per gross 2.15

ox.

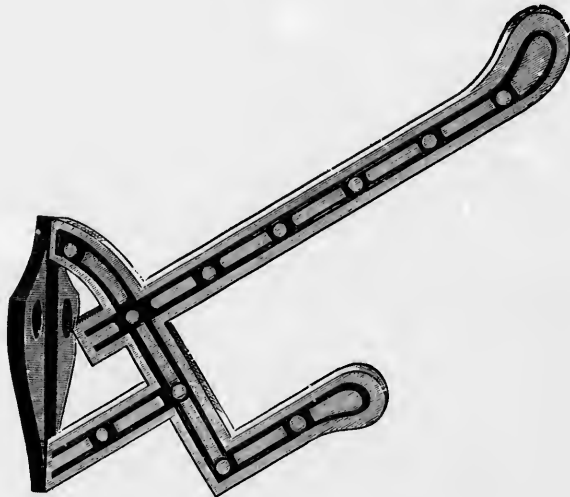
Per gross \$2.35  
 Per gross 2.33

HAT AND COAT HOOKS

Royal Bronze



No. 8—Royal bronze ..... Per gross \$3.00  
 Quarter gross in a box.

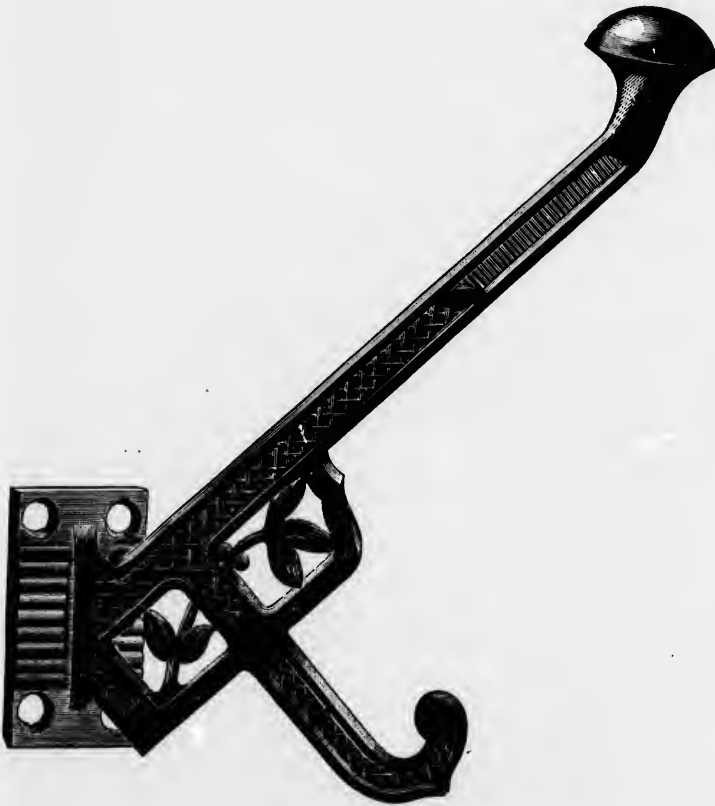


No. 7—Royal bronze ..... Per gross \$3.00  
 Quarter gross in a box.

No. 13—Royal bro

HAT AND COAT HOOKS.

Royal Bronze



....Per gross \$3.00

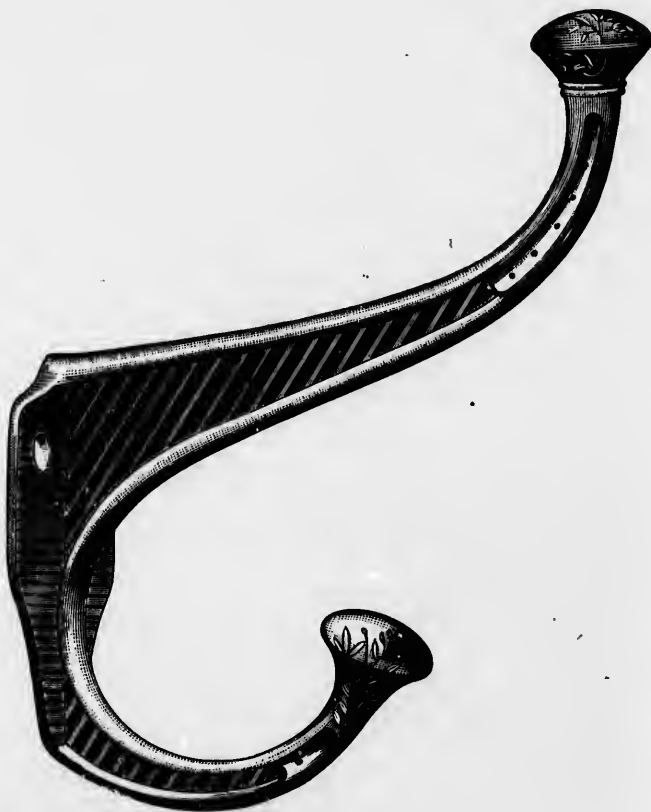
Per gross \$3.00

No. 13—Royal bronze ..... Per gross \$6.75

One-twelfth gross in a box.

## HAT AND COAT HOOKS.

Royal Bronze



No. 12—Royal bronze ..... Per gross \$6.75

One-twelfth gross in a box.

No. 300—Brasse  
No. 301—Brasse  
No. 302—Brasse  
No. 3—Nickel

No. 321—Brassed,  
No. 735—Brass, pl  
No. 737—Brass, pl  
No. 737B—Brass, fa

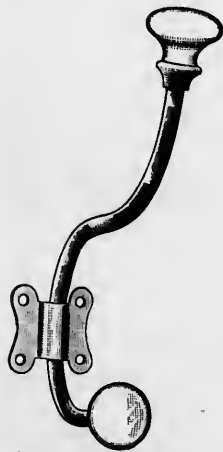
HAT AND COAT HOOKS



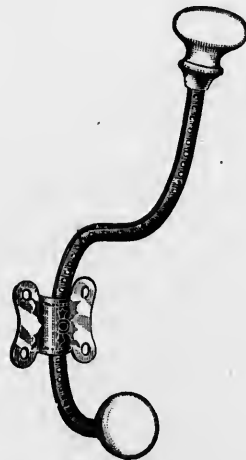
Style of Nos. 300 to 302 and No. 3.

No. 300—Brassed Hat and Coat Hooks, 5½ inches .....	Per dozen \$0.60
No. 301—Brassed Hat and Coat Hooks, 5½ inches .....	Per dozen .65
No. 302—Brassed Hat and Coat Hooks, 6½ inches .....	Per dozen .75
No. 3—Nickel-plated Hat and Coat Hooks, 5½ inches .....	Per dozen .70

One dozen in a package.



Style of Nos. 321, 735, 737.



Style of No. 737B.

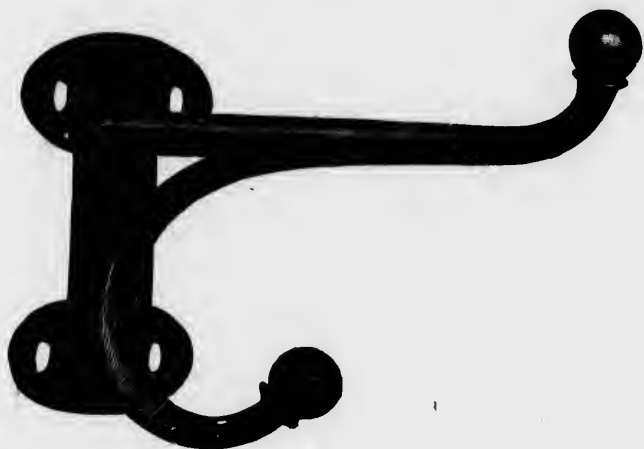
No. 321—Brassed, plain, with china knobs, 6¼ inches .....	Per dozen \$0.95
No. 735—Brass, plain, with china knobs, 5¼ inches .....	Per dozen 1.15
No. 737—Brass, plain, with china knobs, 6¼ inches .....	Per dozen 1.35
No. 737B—Brass, fancy, with china knobs, 6¼ inches .....	Per dozen 1.50

One dozen in a package.

Per gross \$6.75



HARNESS HOOKS



Japanned.

No. 2—Japanned, 6 inch, extra heavy..... Per dozen \$0.85  
One dozen in a box.



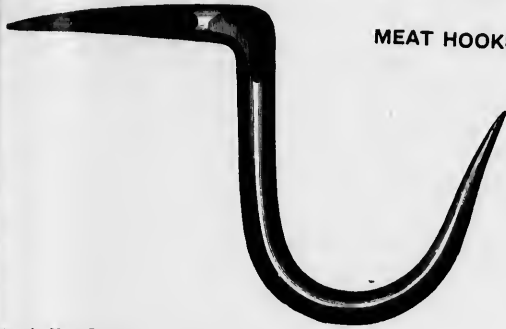
Japanned.

No. 5—Japanned, 8 inches..... Per dozen \$1.00  
Half dozen in a package.

Wrought Meat H  
Wrought Meat H

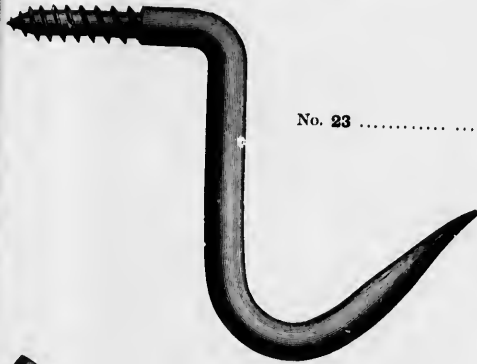


MEAT HOOKS



To Drive  
Tinned.

Wrought Meat Hooks, to drive, 3 x 1½ ..... Per gross \$5 40  
Wrought Meat Hooks, to drive, 3½ x 2 ..... Per gross 6 00



To Screw  
Tinned.

No. 23 ..... Per gross \$3.75

Per dozen \$0.85

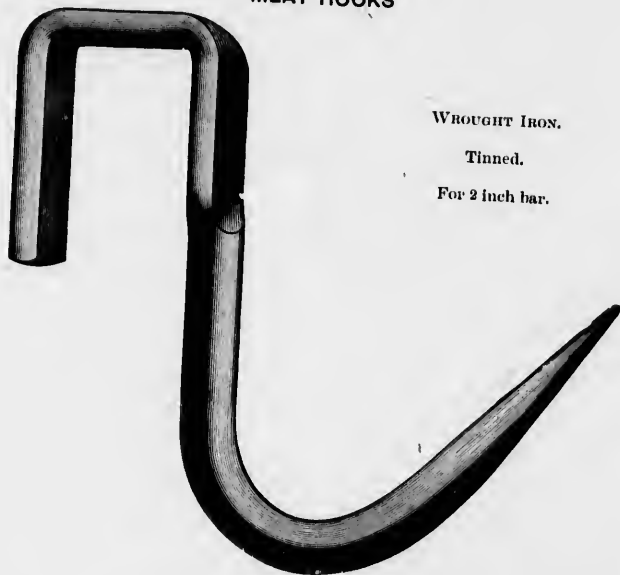


To Nail  
Tinned.

Wrought Meat Hooks, to nail ..... Per gross \$4.00

Per dozen \$1.00

MEAT HOOKS

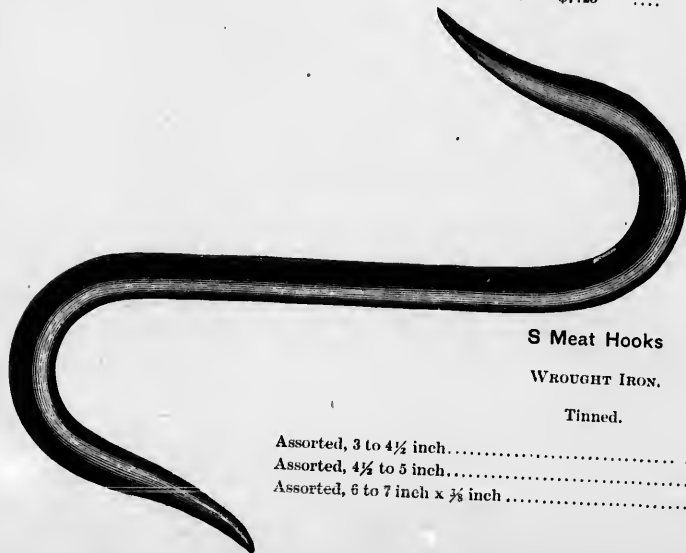


WROUGHT IRON.

Tinned.

For 2 inch bar.

Nos.....	11	.....	11 1-2	.....	12 1-2
Inch.....	5-16	.....	3-8	.....	1-2
Per gross.....	\$7.25	.....	11.25	.....	17.00



S Meat Hooks

WROUGHT IRON.

Tinned.

Assorted, 3 to 4 1/2 inch.....	Per gross \$3.00
Assorted, 4 1/4 to 5 inch.....	Per gross 4.50
Assorted, 6 to 7 inch x 3/8 inch.....	Per gross 10.00

No. 58-Tinned.....

HAMMOCK HOOKS



Malleable.

With ball on the end of hook which works freely in the socket, the socket being firmly fastened by four screws.

No. 11—Tinned..... Per dozen \$1.00



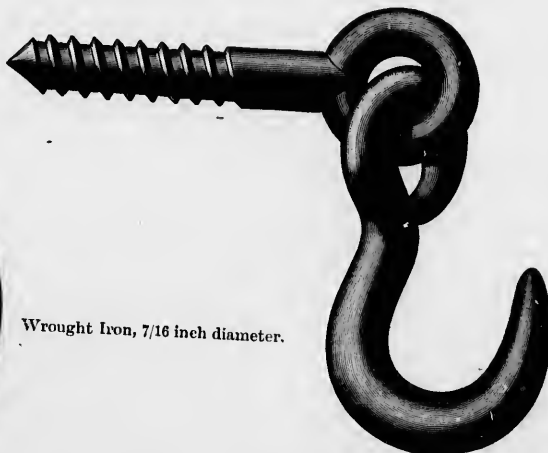
Malleable.

No. 12—Tinned..... Per dozen \$0.80

One dozen in a box.



Extra Heavy



Wrought Iron, 7/16 inch diameter.

No. 68. Full size cut.

No. 68. Full size cut.

WITH PLATE.

No. 58—Tinned..... Per dozen \$1.35

WITH SCREW.

No. 68—Tinned..... Per dozen \$1.35

One dozen in a box.

.... 12 1/2  
 .... 1/2  
 .... 17.00

. Per gross \$3.00  
 . Per gross 4.50  
 . Per gross 10.00

**PERFECT CLOTHES LINE HOOK**

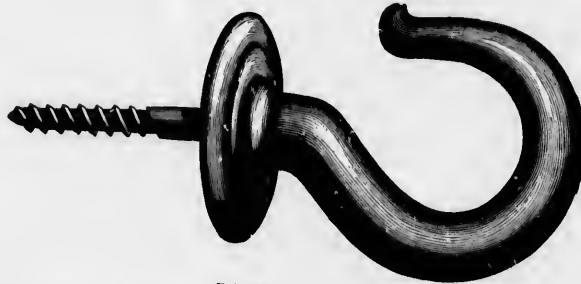
Holds the Line without a Knot



In use, the rope is drawn around the hook, down through the wedge-shaped opening to hold the tension, then up over the back cleat, making the final fastening by drawing the rope down through the wedge-shaped opening again. The hooks are made of the best quality of air furnace refined malleable iron, and being perfectly finished have no rough or sharp edges to cut the line.

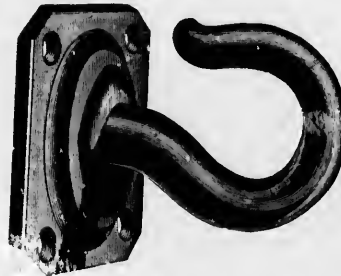
No. 1—Japanned ..... One dozen in a box. Per dozen \$1.25

**Japanned Clothes Line Hooks**



Full size cut of No. 11.

No. 11—Japanned clothes line hooks, steel screw ..... Per dozen \$0.90  
Two dozen in a box.



Full size cut of No. 2

No. 2—Japanned clothes line hooks ..... Per dozen \$0.55  
Two dozen in a box.

No. 2—Japanned

No. 6—Japanned

No. 12—Japanned

JAPANNED FOOT SCRAPERS

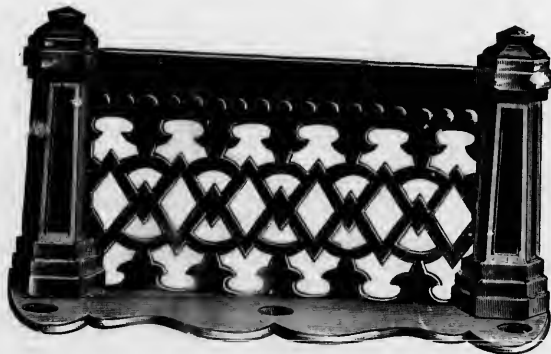
Cuts half size.



No. 2—Japanned..... Per dozen \$1.05



No. 6—Japanned..... Per dozen \$1.50



No. 12—Japanned..... Per dozen \$2.25

Half dozen in a box.

JAPANNED FOOT SCRAPERS

Cut one-third size.

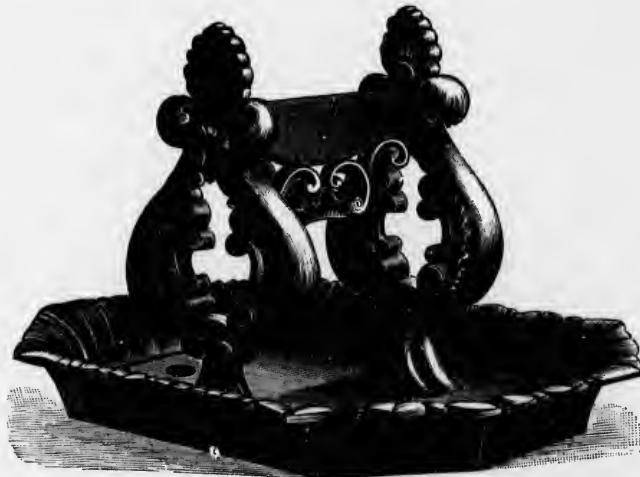


No. 10



No. 20

No. 10—Japanned and gold bronzed .....	Per dozen	\$6.00
No. 20—Japanned .....	Per dozen	6.00



No. 15

No. 15—Japanned and gold bronzed .....	Per dozen	\$13.50
--	-----------	---------

No. 50 .....  
 Size, inch .....  
 Per dozen .....

No. 80 .....  
 Size, inch .....  
 Per dozen .....

Nos. ....  
 Size, inch .....  
 Each .....

These mats are  
 especially adapted for

RAPERS



Per dozen \$6.00  
Per dozen 6.00

DOOR MATS



Cocoa Door Mats.

MEDIUM BRUSH.

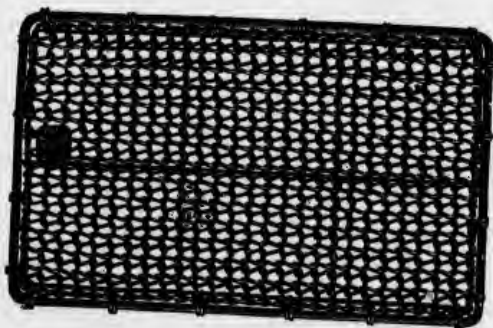
No. 50 .....			
Size, inch .....	1	2	3
Per dozen .....	14 x 24 .....	16 x 27 .....	18 x 30 .....
	\$6.75 .....	8.75 .....	11.00 .....

HEAVY BRUSH.

No. 80 .....			
Size, inch .....	1	2	3
Per dozen .....	14 x 24 .....	16 x 27 .....	18 x 30 .....
	\$10.50 .....	13.50 .....	17.00 .....

Patent Improved

Reversible Steel Wire Door Mat.



Nos. ....	1	2	3	4	5	6	7	8
Size, inch .....	16½ x 24 ..	18 x 28 ..	20 x 30 ..	22 x 36 ..	24 x 40 ..	24 x 48 ..	30 x 48 ..	36 x 48 ..
Each .....	\$2.00 ..	2.50 ..	3.00 ..	3.50 ..	4.00 ..	5.00 ..	6.00 ..	7.00 ..

Larger sizes, or mats with curves or special forms made to order.

These mats are made of best quality galvanized Bessemer steel wire. They are indestructible and cleanly, and especially adapted for Public Buildings, Hotels, Stores, or any place where a mat is needed.

Per dozen \$13.30



LINE CLEATS



Full size cut Nos. 101 and 111.



Full size cut of Nos. 103 and 113.

No. 101—Japanned.....	Per dozen \$0.30	No. 103—Japanned.....	Per dozen \$0.25
No. 111—Galvanized.....	Per dozen .40	No. 113—Galvanized.....	Per dozen .63

Two dozen in a box.

Heavy Cast Iron



Full size cut of Nos. 107 and 117.

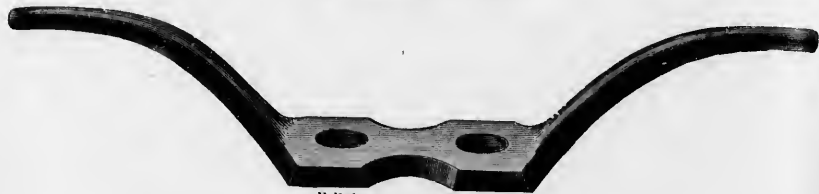
No. 107—Japanned.....	Per dozen \$0.70
No. 117—Galvanized.....	Per dozen 1.20

One dozen in a box.

Malleable Iron



Full size cut of Nos. 101 and 111.



Full size cut of Nos. 103 and 113.

JAPANNED.

No. 101—Malleable iron.....	Per dozen \$0.40
No. 105—Malleable iron.....	Per dozen .60

GALVANIZED.

No. 114—Malleable iron.....	Per dozen \$0.60
No. 115—Malleable iron.....	Per dozen .85

Two dozen in a box.



Full size cut of 1 1/4 inch.



Full size cut of 3/4 inch.



Nos. 76 and 176. Full size cut of 1 1/4 inch.

TACKLE OR AWNING PULLEYS

Single Wheel.

No. 74—JAPANNED.

Inch.....	3-4	1	1 1-4	1 1-2	1 3-4	2	2 1-2
Per dozen .....	\$0.36	.42	.50	.63	.85	1.10	2.40

No. 174—GALVANIZED.

Inch.....	3-4	1	1 1-4	1 1-2	1 3-4	2	2 1-2
Per dozen .....	\$0.50	.60	.80	1.15	1.60	2.50	4.35

2 1/2 inch will take 3/8 rope.

3/4 to 1 1/4 inch, one dozen in a box. 2 and 2 1/2, half dozen.

Double Wheel.

No. 76—JAPANNED.

Inch.....	3-4	1	1 1-4	1 1-2	1 3-4	2	2 1-2
Per dozen .....	\$0.52	.60	.72	1.05	1.45	2.25	3.85

No. 176—GALVANIZED.

Inch.....	3-4	1	1 1-4	1 1-2	1 3-4	2	2 1-2
Per dozen .....	\$0.80	.95	1.10	1.80	3.00	3.60	6.00

2 1/2 inch will take 3/8 rope.

2 1/4 inch, one-third dozen in a box. 2 inch, half dozen.

Other sizes, one dozen.

## TACKLE OR AWNING PULLEYS



Nos. 75 and 175. Full size cut of 2 inch.



Nos. 77 and 177. Full size cut of 2 inch.

No. 75—JAPANNED.

Single Wheel, Eye each end.

Inch .....	2	.....	2 1-2	.....	3
Per dozen.....	\$1.10	.....	1.65	.....	2.20

No. 175—GALVANIZED.

Single Wheel, Eye each end.

Inch .....	2	.....	2 1-2	.....	3
Per dozen.....	\$1.65	.....	2.70	.....	3.35

No. 77—JAPANNED.

Double Wheel, Eye each end.

Inch .....	2	.....	2 1-2	.....	3
Per dozen.....	\$1.85	.....	2.40	.....	3.00

No. 177—GALVANIZED.

Double Wheel, Eye each end.

Inch .....	2	.....	2 1-2	.....	3
Per dozen.....	\$3.00	.....	3.75	.....	5.00

2 inch, one dozen in a box. 2½ and 3 inch, half dozen.

3 inch, iron wheel.

PULLEYS

1-2 ..... 3  
 .65 .. 2.25

1-2 ..... 3  
 70 ..... 3.25

2 ..... 3  
 0 ..... 3.00

2 ..... 3  
 5 ..... 5.00

half dozen.



No. 65. Full size cut of 2½ inch.

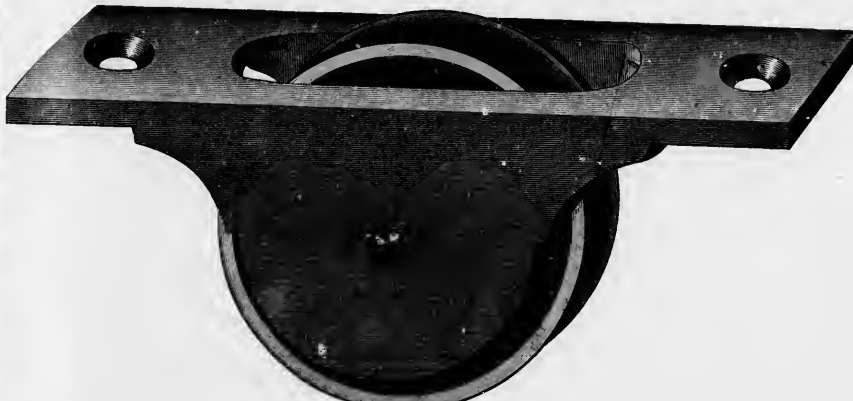
CLOTHES LINE PULLEYS

No. 65—JAPANNED.

2½ inch, Japanned ..... Per dozen \$0.70

One dozen in a box.

Dumb Waiter Pulleys.



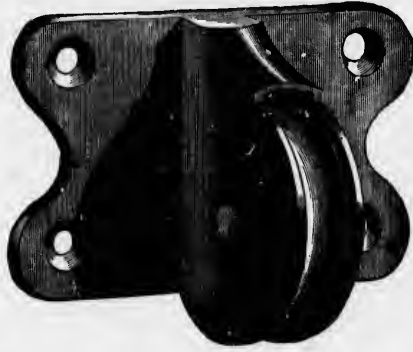
Full size cut.

No. 40—IRON WHEEL.

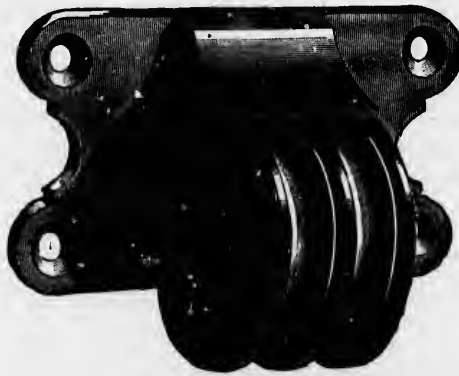
3 inch, iron wheel, heavy ..... Per dozen \$3.75

Two-thirds dozen in a package.

**SINGLE HOT HOUSE PULLEYS.**



**2 Inch, Japanned, Single.....Per Dozen, \$1.20**



**Double Hot House Pulleys.**

**2 Inch, Japanned, Double.....Per Dozen, \$1.80**

**ALL ABOVE, ONE DOZEN IN A BOX.**



Full size cut o



Full size

Inch .....  
Per dozen .....



Full size cut of 1 1/2 inch.

UPRIGHT PULLEYS

No. 55—JAPANNED.

1 3-4 inch, japanned .....	Per dozen	\$0.75
2 inch, japanned .....	Per dozen	.90

Two dozen in a box.



Full size cut of 2 inch.

Side Pulleys



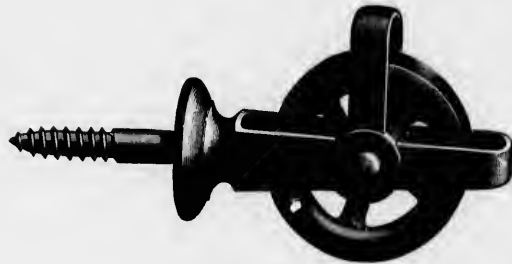
Full size cut of 1 1/2 inch.

No. 25—JAPANNED.

inch .....	1 1-2	1 3-4	2	2 1-2	3	4
Per dozen .....	\$0.55	.65	.85	1.35	1.80	4.80

2 inch and smaller, two dozen in a box. 2 1/2, one dozen. 3 inch, half dozen.  
4 inch, quarter dozen.

JAPANNED SCREW PULLEYS



No. 40. Full size cut of 1½ inch.



No. 41. Full size cut of 2 inch.



No. 45 Full size cut of 1 inch.



No. 43. Full size cut of 2½ inch.

Incased Screw Pulleys

JAPANNED.

No. 40-1 1-2 inch ..... Per dozen \$0.80

No. 44

Inch ..... 1 1-2 2  
 Per dozen ..... \$0.70 .90

One dozen in a box.

Japanned Screw Pulleys

No. 45

Inch.....	1	1 1-4	1 1-2	1 3-4
Per dozen .....	\$0.30	.33	.38	.45
Inch.....	2	2 1-4	2 1-2	3
Per dozen .....	\$0.60	.75	.85	1.20

1 to 2¼, two dozen in a box.  
 2½ and 3, one dozen.

Inch.....  
 Per gross.....

Inch.....  
 Per gross.....

Inch.....  
 Per gross.....

Inch.....  
 Per gross.....

WROUGHT HAND RAIL SCREWS



No. 51. Full size cut of 4½ Inch.

No. 51--ONE NUT, 5/16 IRON, GIMLET POINTED SCREW.

Inch.....	4	.....	4 1-2
Per gross.....	\$4.50	.....	5 00



Nos. 52 and 62. Full size cut of 4½ Inch, No. 52.

No. 52--TWO NUTS, 5/16 IRON.

Inch.....	4	.....	4 1-2	.....	5
Per gross.....	\$5.00	.....	5.75	.....	6.30

No. 62--TWO NUTS, 3/8 IRON.

Inch.....	.....	.....	4 1-2	.....	5
Per gross.....	.....	.....	\$6.75	.....	7.25



Full size cut of 4½ Inch No. 72.

No. 72--SWELLED CENTRE, TWO NUTS, 7/16 IRON.

Inch.....	.....	.....	4 1-2	.....	5
Per gross.....	.....	.....	\$9.00	.....	9.50

Quarter gross in a box.



t of 2½ inch.

leys

1 1-2	1 3-4
.38	.45
2 1-2	3
.85	1.20

ox.



HAND RAIL BRACKETS



No. 55. Half size cut.



No. 60. Half size cut.

- No. 55—Hand rail bracket, royal bronze ..... Per dozen \$1.50  
 One dozen in a box.
- No. 60—Hand rail bracket, royal bronze ..... Per dozen 2.00  
 Half dozen in a box.

Flower Pot Brackets.



No. 8842. Ebony and Gold.

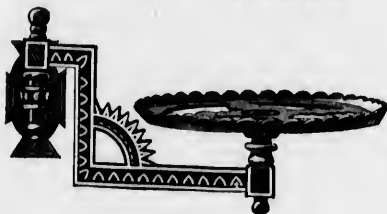
- No. 8842—Length of arms 8 inches, diameter of plates 6 inches ..... Per dozen \$9.75  
 One quarter dozen in a box.

No. 779—Imper

No. 789—Length

No. 884—Lengt b of

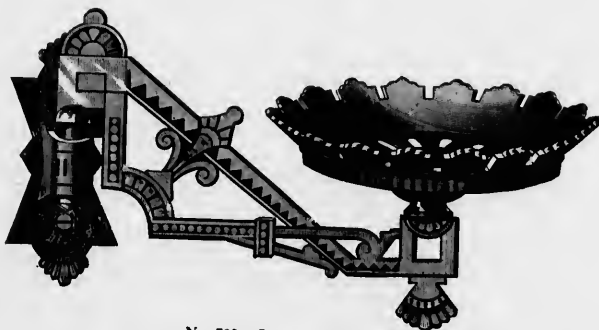
FLOWER POT BRACKETS



No. 779

Length of arm 4½ inches. Diameter of plate 4½ inches.

No. 779—Imperial bronze..... Per dozen \$1.50  
One dozen in a box.



No. 789. Imperial Bronze.

No. 789—Length of arm 6 inches, diameter of plate 5 inches..... Per dozen \$2.65  
Half dozen in a box.



No. 884. Ebony and Gold.

No. 884—Length of arm 8 inches, diameter of plate 6 inches..... Per dozen \$3.60  
Half dozen in a box.



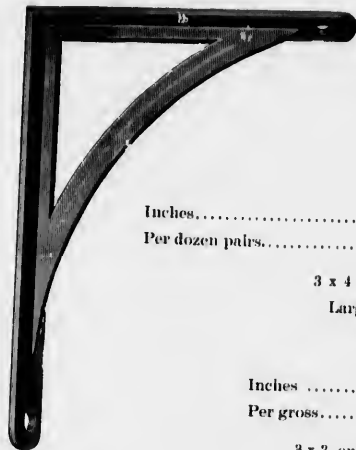
...Per dozen \$1.50

...Per dozen 2.00



...Per dozen \$3.75

SHELF BRACKETS



CAST IRON. JAPANED.

Inches.....	3 x 4	4 x 5	5 x 6	6 x 8	8 x 10	10 x 12	12 x 14
Per dozen pairs.....	\$0.55	.75	1.10	1.55	2.25	3.15	4.70

3 x 4 and 4 x 5, in packages of one-half dozen pairs.

Larger sizes, in packages of one-quarter dozen pairs.

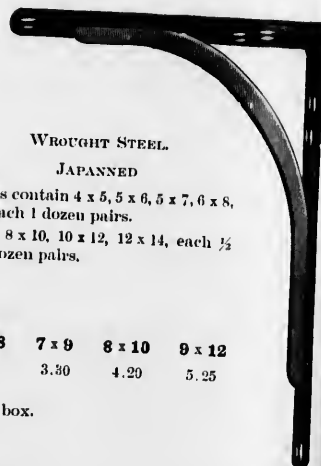
Wrought Iron Tinned Brackets

Inches.....	3 x 3	4 x 4
Per gross.....	\$2.75	4.25

3 x 3 one-half gross in a package. 4 x 4, one-quarter gross.



No. 167.  
BERLIN BRONZED.



WROUGHT STEEL.  
JAPANED

Boxes contain 4 x 5, 5 x 6, 5 x 7, 6 x 8, each 1 dozen pairs.  
7 x 9, 8 x 10, 10 x 12, 12 x 14, each 1/2 dozen pairs.

No. 167.

Inches.....	3 x 4	4 x 5	5 x 7	6 x 8	7 x 9	8 x 10	9 x 12
Per dozen pairs.....	\$1.15	1.50	2.10	2.55	3.30	4.20	5.25

One-quarter dozen pairs in a box.

WROUGHT STEEL. JAPANED.

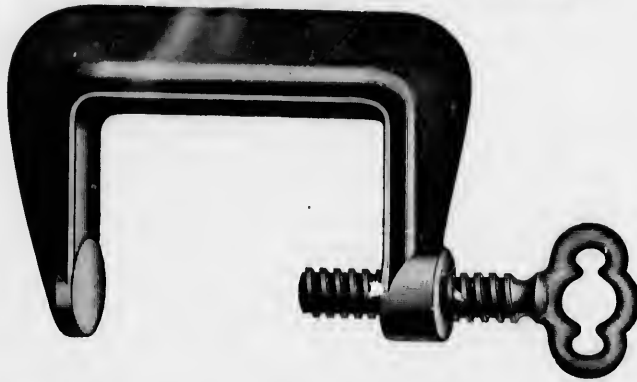
Inches.....	4 x 5	5 x 6	6 x 8	7 x 9	8 x 10	10 x 12
Per dozen pairs.....	\$0.65	1.05	1.45	1.65	1.95	2.30

No. 1—Japaned  
No. 111—Copper  
No. 3—Japaned

No. 32—Japaned,  
No. 33—Japaned,

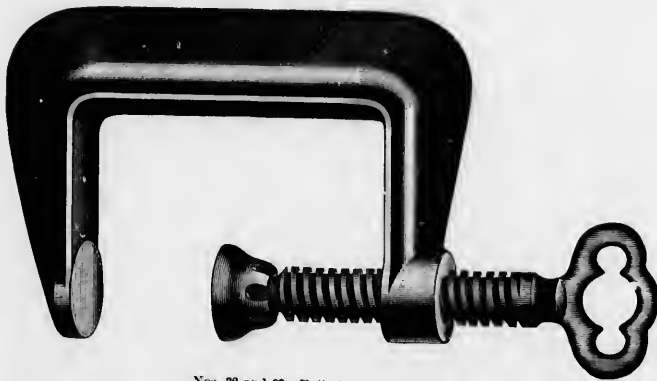
No. 110—Copper b

CABINET MAKERS' OR QUILT-FRAME CLAMPS



- No. 1—Japanned, opens 2¼ inches ..... Per dozen \$0.65
- No. 111—Copper bronzed, opens 2¼ inches ..... Per dozen .70
- No. 3—Japanned, heavy, opens 4 inches ..... Per dozen 1.50

Nos. 1 and 111, two dozen in a box. No. 3, one dozen.



Nos. 32 and 33. Full size cut of No. 32.

Japanned, Ball and Socket Head Screw.

- No. 32—Japanned, opens 2½ inches ..... Per dozen \$1.00
- No. 33—Japanned, opens 3 inches ..... Per dozen 1.20

Swivel Head, Wrought Screw.

- No. 110—Copper bronzed wrought screw, opens 2¼ inches ..... Per dozen \$0.90

One dozen in a box.

10 x 12 12 x 14  
3.15 4.70

4 x 4  
4.25

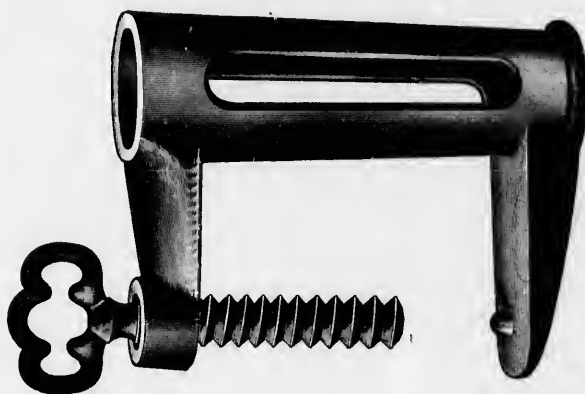
3 x 8,  
h ½

12  
25

10 x 18  
2.30

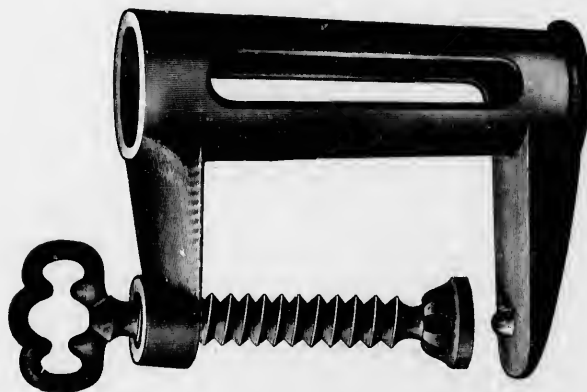
QUILT FRAME CLAMPS

Full size cuts.



JAPANNED.

No. 3—Novelty quilt frame clamp..... Per dozen \$1.15



JAPANNED. SWIVEL END.

No. 4—Novelty quilt frame clamp..... Per dozen \$1.45

One dozen in a box.

It is so arranged  
of the two arms,  
screw.

Nos.....  
Inches, open ..  
Per dozen .....

Nos.....  
Inches, open ..  
Per dozen .....

CARRIAGE MAKERS' CLAMPS



One-half size cut of No. 4

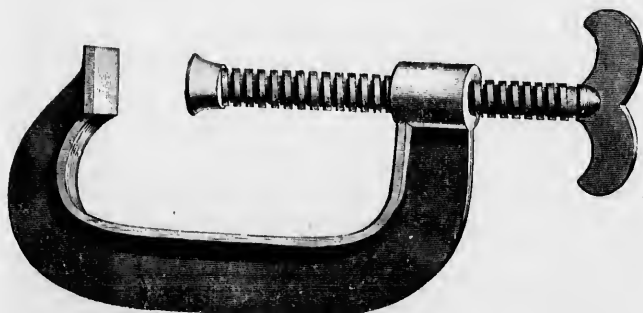
Patent "Star" Carriage Maker's Clamp

Malleable Iron Swivel Head. Solid Steel Screw.

It is so arranged that the swivel is admitted into the clamp, thus utilizing the entire distance between the ends of the two arms. The head is not only screwed on, but is securely fastened by a pin passing through the head into the screw.

Nos.....	2	3	4	5	6
Inches, open ..	2½	3	4	5	6
Per dozen .....	\$2.55	3.00	4.00	4.75	6.15

Half dozen in a box.



Half size cut of No. 14.

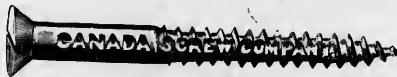
Nos.....	12	13	14	15	16	17	18	20
Inches, open .....	2½	3	4	5	6	7	8	10
Per dozen .....	\$2.85	3.90	4.65	5.75	7.50	9.50	11.75	14.25

Nos. 12 to 16, half dozen in a box. Other Nos. are loose.

Per dozen \$1.15

Per dozen \$1.45

IRON WOOD SCREWS



PRICE PER GROSS

SIZE.			LIST.	SIZE.			LIST.	SIZE.			LIST.	SIZE.			LIST.
In.	No.	\$		In.	No.	\$		In.	No.	\$		In.	No.	\$	
1/4"				3/8"				1 1/2"				2"			
0		.40		2		.41		4		.70		8		1.30	
1		.40		3		.44		5		.76		9		1.35	
2		.40		4		.48		6		.82		10		1.45	
3		.40		5		.52		7		.88		11		1.50	
4		.40		6		.59		8		.94		12		1.70	
	0	.40		7		.66		9		1.00		13		1.90	
	1	.40		8		.73		10		1.10		14		2.10	
	2	.40		9		.80		11		1.20		15		2.35	
	3	.40		10		.87		12		1.30		16		2.60	
	4	.40		11		.94		13		1.50		17		2.80	
	5	.40		12		1.00		14		1.70		18		3.05	
	6	.41		13		1.15		15		1.90		19		3.60	
	7	.48		14		1.30		16		2.10		20		4.20	
	8	.55		15		1.50		17		2.30		21		4.80	
	9	.62		16		1.70		18		2.50		22			
	10							19		3.00		23			
	11	.40						20		3.50		24			
	12	.40						21		4.15					
	13	.40													
	14	.41													
	15	.45													
	16	.52													
	17	.59													
	18	.66													
	19	.73													
	20	.80													
	21	.87													
	22	.94													
	23	1.00													
	24	1.15													
	25	1.30													
	26	1.50													
	27	1.70													
	28														
	29														
	30														
	31														
	32														
	33														
	34														
	35														
	36														
	37														
	38														
	39														
	40														

The following varieties of Iron and Steel Screws are invoiced from this List at varying discounts: Flat, Round, Plane, Filler and Oval Head Screws bright and blued, and Fellow Screws.  
 \* The Number of Gross in a Package is indicated by small figures on the side, divided by a star (\*).

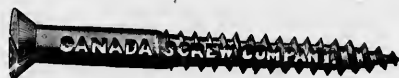
Iron Side Knob Screws



Blued Side Knob Screws ..... Per gross \$0.45  
 One gross in a box.

The following v  
 Oval Head Screws, of  
 \* The Number of

BRASS WOOD SCREWS



PRICE PER GROSS

SIZE.	LIST.
No.	\$
10	3.30
11	3.40
12	3.50
18	3.60
14	3.70
15	3.80
16	3.90
17	4.30
18	4.75
20	5.55
22	6.35
24	7.30
26	8.50
12	4.50
14	4.90
16	4.75
18	5.60
20	6.40
22	7.30
24	8.40
26	9.70
16	6.40
18	6.60
20	7.40
22	8.45
24	9.70
26	11.05
18	8.20
20	8.90
22	9.75
24	11.05
26	12.60
28	14.25
20	11.75
22	12.50
24	13.50
26	16.00
28	18.05
30	20.10

Hano, Fillister and Oval

SIZE.	LIST.	SIZE.	LIST.	SIZE.	LIST.	SIZE.	LIST.
In. No. \$		In. No. \$		In. No. \$		In. No. \$	
1/2	0 .80	7/8	2 1.35	1 1/2	4 2.85	2 1/2	8 6.85
1	1 .80	3	3 1.40	5	5 2.90	9	9 6.90
10	2 .84	4	4 1.45	6	6 2.95	10	10 6.95
2	3 .87	5	5 1.50	7	7 3.00	11	11 7.00
3	4 .91	6	6 1.55	8	8 3.05	12	12 7.05
0	0 .80	7	7 1.60	10	10 3.45	13	13 7.90
1	1 .82	8	8 2.05	11	11 3.95	14	14 8.80
2	2 .86	10	10 2.35	12	12 4.45	15	15 9.80
3	3 .89	11	11 2.65	13	13 5.00	16	16 10.75
4	4 .95	12	12 3.35	14	14 6.25	17	17 11.90
5	5 1.03	13	13 3.70	15	15 6.90	18	18 13.00
6	6 1.10	14	14 4.10	16	16 7.60	20	20 15.40
7	7 1.20	15	15 4.55	17	17 8.35	22	22 18.05
1	1 .86	16	16 5.05	18	18 9.15		
2	2 .89			20	20 10.85		
3	3 .93						
4	4 1.03	3	3 1.55	6	6 3.75	10	10 9.50
5	5 1.10	4	4 1.60	7	7 3.80	11	11 9.55
6	6 1.20	5	5 1.65	8	8 3.85	12	12 9.60
7	7 1.30	6	6 1.70	9	9 3.90	13	13 9.65
8	8 1.50	7	7 1.95	10	10 4.45	14	14 9.70
9	9 1.70	8	8 2.30	11	11 5.05	15	15 10.75
10	10 1.90	10	10 2.60	12	12 5.70	16	16 11.85
2	2 .91	11	11 3.30	13	13 6.35	17	17 13.00
3	3 .99	12	12 3.65	14	14 7.10	18	18 14.30
4	4 1.06	13	13 4.10	15	15 7.90	20	20 16.95
5	5 1.20	14	14 4.55	16	16 8.65	22	22 19.85
6	6 1.30	15	15 5.00	17	17 9.50	24	24 23.00
7	7 1.50	16	16 5.55	18	18 10.45		
8	8 1.70	17	17 6.65	20	20 12.40		
9	9 1.90			22	22 14.50		
10	10 2.15	3	3 2.05	24	24 16.85		
11	11 2.40	4	4 2.10				
12	12 2.65	5	5 2.15	6	6 4.80	10	10 13.70
		6	6 2.20	7	7 4.85	11	11 13.75
		7	7 2.25	8	8 4.90	12	12 13.80
		8	8 2.65	9	9 4.95	13	13 13.85
		9	9 3.00	10	10 5.00	14	14 13.90
		10	10 3.25	11	11 5.65	15	15 13.95
		11	11 3.85	12	12 6.40	16	16 14.00
		12	12 4.35	13	13 7.15	18	18 16.50
		13	13 4.85	14	14 7.95	20	20 19.05
		14	14 5.85	15	15 8.80	22	22 23.40
		15	15 5.95	16	16 9.75	24	24 27.10
		16	16 6.55	17	17 10.70		
		17	17 7.20	18	18 11.70		
		18	18 7.85	20	20 13.90		
		20	20 9.35	22	22 16.90		
				24	24 18.80		


The following varieties of Screws are invoiced from this List at varying discounts: Flat, Round, Fillister and Oval Head Screws, of brass or bronze.

\*The Number of Gross in a Package is indicated by small figures on the side, divided by a star (\*).



CASE HARDENED SQUARE HEAD SET SCREWS

PRICE PER HUNDRED



LENGTH UNDER HEAD TO POINT	DIAMETER OF HEAD		DIAMETER OF SCREW										
	1	2	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	
1	2.15	2.35	2.00	2.20	2.50	2.90	3.40	4.25	5.00	7.00			
1 1/4	2.30	2.50	2.15	2.35	2.65	3.10	3.60	4.50	5.25	7.00			
1 1/2	2.45	2.65	2.30	2.50	2.85	3.30	3.80	4.75	5.50	7.50	11.30		
1 3/4	2.60	2.80	2.45	2.65	3.00	3.45	3.95	4.90	5.65	7.75	11.30	\$14.90	
2	2.80	3.00	2.60	2.80	3.15	3.60	4.10	5.05	5.80	7.90	11.30	15.90	
2 1/4	3.05	3.25	2.85	3.05	3.40	3.85	4.35	5.30	6.05	8.15	11.30	17.00	
2 1/2	3.30	3.50	3.10	3.30	3.65	4.10	4.60	5.55	6.30	8.40	11.30	18.40	
2 3/4	3.55	3.75	3.35	3.55	3.90	4.35	4.85	5.80	6.55	8.65	11.30	19.80	
3	3.80	4.00	3.60	3.80	4.15	4.60	5.10	6.05	6.80	8.90	11.30	21.40	
												23.00	


Threads to Inch: 20, 18, 16, 14, 12, 12, 11, 10, 9, 8

State by Number kind of Point desired: 1, 2, 3, 4, 5

Cup Points only kept in stock, other Points to order.

Square Head Cap Screws

PRICE PER HUNDRED




LENGTH UNDER HEAD TO POINT	DIAMETER OF HEAD		DIAMETER OF SCREW											
	1	2	3/8	7/16	1/2	9/16	5/8	11/16	3/4	7/8	1 1/8	1 1/4	1 3/8	1 1/2
1	2.60	2.95	2.40	2.75	3.10	3.50	4.00	4.70	5.75	7.70				
1 1/4	2.75	3.10	2.55	2.90	3.25	3.65	4.15	4.85	5.90	7.70				
1 1/2	2.90	3.25	2.70	3.05	3.40	3.80	4.30	5.00	6.05	7.70				
1 3/4	3.05	3.40	2.85	3.20	3.55	3.95	4.45	5.15	6.20	7.70				
2	3.20	3.55	3.00	3.35	3.70	4.10	4.60	5.30	6.35	7.70				
2 1/4	3.35	3.70	3.15	3.50	3.85	4.25	4.75	5.45	6.50	7.70				
2 1/2	3.50	3.85	3.30	3.65	4.00	4.40	4.90	5.60	6.65	7.70				
2 3/4	3.65	4.00	3.45	3.80	4.15	4.55	5.05	5.75	6.80	7.70				
3	3.80	4.15	3.60	3.95	4.30	4.70	5.20	5.90	6.95	7.70				
Add for each 1/4 inch	.25	.35	.45	.55	.65	.75	.85	.95	1.20	1.50	1.80			

Threads to Inch: 20, 18, 16, 14, 12, 12, 11, 10, 9, 8, 7

Hexagonal Head Cap Screws

PRICE PER HUNDRED



LENGTH UNDER HEAD TO POINT	DIAMETER OF HEAD		DIAMETER OF SCREW										
	1	2	7/16	1/2	9/16	5/8	3/4	13/16	7/8	1	1 1/8	1 1/4	1 1/2
1	3.25	3.50	2.40	2.75	3.10	3.50	4.00	4.70	5.75	7.70			
1 1/4	3.50	3.75	2.55	2.90	3.25	3.65	4.15	4.85	5.90	7.70			
1 1/2	3.75	4.00	2.70	3.05	3.40	3.80	4.30	5.00	6.05	7.70			
1 3/4	4.00	4.25	2.85	3.20	3.55	3.95	4.45	5.15	6.20	7.70			
2	4.25	4.50	3.00	3.35	3.70	4.10	4.60	5.30	6.35	7.70			
2 1/4	4.55	4.80	3.15	3.50	3.85	4.25	4.75	5.45	6.50	7.70			
2 1/2	4.85	5.10	3.30	3.65	4.00	4.40	4.90	5.60	6.65	7.70			
2 3/4	5.15	5.40	3.45	3.80	4.15	4.55	5.05	5.75	6.80	7.70			
3	5.45	5.70	3.60	3.95	4.30	4.70	5.20	5.90	6.95	7.70			
Threads to Inch	20	18	16	14	12	12	11	10	9	8	7		
Add for each 1/4 inch	.30	.40	.50	.60	.70	.80	1.00	1.30	1.60	2.00	2.40	3.00	



3/16 Inch.

No. 1	\$ .23
2	23
3	23
4	23
5	24
6	24

1/2 Inch.

No. 3	\$ .25
4	26
5	27
6	31
7	34
8	36
9	38
10	43
12	48
14	50
16	58
18	65
20	75
22	85
24	90

1 1/2 Inch.

No. 10	\$ .70
12	.80
14	.90
16	1.00
18	1.15
20	1.25
22	1.45
24	1.60
26	1.80
28	2.00
30	2.25

No. 56	48
2	3

On Machine S...



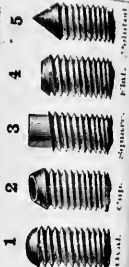
IRON MACHINE SCREWS  
Flat, Round and Fillister Head



List of August 1st, 1894.

PRICE PER GROSS

State by Number kind of Point desired.



3/16 Inch.		1/4 Inch.		5/16 Inch.		3/8 Inch.		7/16 Inch.		1/2 Inch.		9/16 Inch.	
No.	\$	No.	\$	No.	\$	No.	\$	No.	\$	No.	\$	No.	\$
2 @	.23	2 @	.23	2 @	.23	2 @	.23	2 @	.23	2 @	.23	2 @	.23
3 "	.23	3 "	.23	3 "	.23	3 "	.23	3 "	.23	3 "	.23	3 "	.23
4 "	.23	4 "	.23	4 "	.23	4 "	.23	4 "	.23	4 "	.23	4 "	.23
5 "	.24	5 "	.24	5 "	.24	5 "	.24	5 "	.24	5 "	.24	5 "	.24
6 "	.24	6 "	.24	6 "	.24	6 "	.24	6 "	.24	6 "	.24	6 "	.24
7 "	.25	7 "	.25	7 "	.25	7 "	.25	7 "	.25	7 "	.25	7 "	.25
8 "	.27	8 "	.27	8 "	.27	8 "	.27	8 "	.27	8 "	.27	8 "	.27
9 "	.29	9 "	.29	9 "	.29	9 "	.29	9 "	.29	9 "	.29	9 "	.29
10 "	.32	10 "	.32	10 "	.32	10 "	.32	10 "	.32	10 "	.32	10 "	.32
12 "	.36	12 "	.36	12 "	.36	12 "	.36	12 "	.36	12 "	.36	12 "	.36
14 "	.45	14 "	.45	14 "	.45	14 "	.45	14 "	.45	14 "	.45	14 "	.45
16 "	.55	16 "	.55	16 "	.55	16 "	.55	16 "	.55	16 "	.55	16 "	.55
18 "	.60	18 "	.60	18 "	.60	18 "	.60	18 "	.60	18 "	.60	18 "	.60
20 "	.65	20 "	.65	20 "	.65	20 "	.65	20 "	.65	20 "	.65	20 "	.65
22 "	.70	22 "	.70	22 "	.70	22 "	.70	22 "	.70	22 "	.70	22 "	.70
24 "	.75	24 "	.75	24 "	.75	24 "	.75	24 "	.75	24 "	.75	24 "	.75

1/2 Inch.		3/4 Inch.		1 Inch.		1 1/4 Inch.		1 1/2 Inch.		1 3/4 Inch.	
No.	\$	No.	\$	No.	\$	No.	\$	No.	\$	No.	\$
3 @	.25	4 @	.30	5 @	.35	7 @	.41	7 @	.47	8 @	.55
4 "	.26	5 "	.32	6 "	.37	8 "	.43	8 "	.50	9 "	.57
5 "	.27	6 "	.34	7 "	.39	9 "	.46	9 "	.53	10 "	.60
6 "	.29	7 "	.36	8 "	.42	10 "	.48	10 "	.56	12 "	.68
7 "	.31	8 "	.38	9 "	.44	12 "	.51	12 "	.63	14 "	.76
8 "	.34	9 "	.40	10 "	.47	14 "	.58	14 "	.70	16 "	.85
9 "	.36	10 "	.42	12 "	.53	16 "	.65	16 "	.79	18 "	.95
10 "	.38	12 "	.48	14 "	.59	18 "	.75	18 "	.89	20 "	1.05
12 "	.43	14 "	.53	16 "	.67	20 "	.81	20 "	1.00	22 "	1.15
14 "	.48	16 "	.60	18 "	.75	22 "	.91	22 "	1.10	24 "	1.35
16 "	.60	18 "	.67	20 "	.85	24 "	1.05	24 "	1.25	26 "	1.50
18 "	.65	20 "	.80	22 "	.95	26 "	1.20	26 "	1.40	28 "	1.70
20 "	.75	22 "	.90	24 "	1.05	28 "	1.30	28 "	1.55	30 "	1.90
22 "	.85	24 "	.95	26 "	1.20	30 "	1.45	30 "	1.75		
24 "	.90	26 "	1.10	28 "	1.30						

1 1/2 Inch.		1 3/4 Inch.		2 Inch.		2 1/4 Inch.		2 1/2 Inch.		2 3/4 Inch.		3 Inch.	
No.	\$	No.	\$	No.	\$	No.	\$	No.	\$	No.	\$	No.	\$
10 @	.70	12 @	.95	14 @	1.25	16 @	1.70	18 @	2.25	20 @	3.00	22 @	4.00
12 "	.80	14 "	1.10	16 "	1.40	18 "	1.90	20 "	2.55	22 "	3.40	24 "	4.50
14 "	.90	16 "	1.20	18 "	1.60	20 "	2.15	22 "	2.85	24 "	3.80	26 "	5.05
16 "	1.00	18 "	1.35	20 "	1.80	22 "	2.40	24 "	3.20	26 "	4.25	28 "	5.70
18 "	1.15	20 "	1.50	22 "	2.00	24 "	2.70	26 "	3.60	28 "	4.80	30 "	6.35
20 "	1.25	22 "	1.70	24 "	2.25	26 "	3.05	28 "	4.05				
22 "	1.45	24 "	1.90	26 "	2.55	28 "	3.40	30 "	4.50				
24 "	1.60	26 "	2.15	28 "	2.85								
26 "	1.80	28 "	2.40	30 "	3.20								
28 "	2.00												
30 "	2.25												

1 1/8	1 1/2
1 1/8	1 1/2
1 1/8	1 1/2
7	7
\$22.50	\$30.00
24.00	32.00
25.80	34.20
27.90	37.00

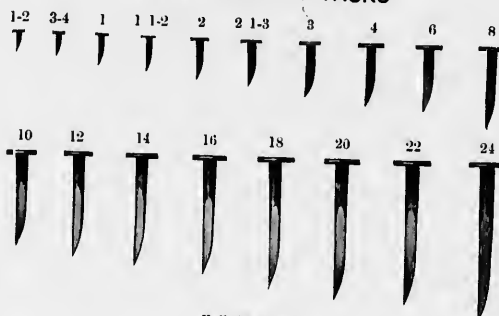
1 1/4	1 1/2
1	1 1/4
1	1 1/4
\$21.30	\$29.00
22.30	30.50
23.00	32.30
25.10	34.40
26.90	37.00
28.00	
2	3.00

THREADS PER INCH.

56	48	32, 36, 40	30, 32	24, 30, 32	20, 24	16, 18, 20	16, 18	14	16
No. 2	3	4, 5	6, 7, 8	9, 10	12, 14	16	18, 20, 22	24, 26	28, 30

On Machine Screws differing from our regular Standards, special prices will be given on application.

**B B B IRON CUT TACKS**



Full size cuts.

	1-2 to 1	1 1-2	2	2 1-2	3	4	6	8
Ounce.....	3-16	3½-16	1-4	5-16	3-8	7-16	1-2	9-16
Inch.....	3-16	3½-16	1-4	5-16	3-8	7-16	1-2	9-16
Blued, half weight.....	Per dozen papers	\$0.30	.30	.30	.31	.33	.36	.44
Blued.....	Pound boxes or bulk	0.65	.46	.43	.36	.31	.23	.24
Tinned, half weight.....	Per dozen papers	.....	.....	.....	.....	.....	.68	.76
No. of tacks in a pound.....	16000	10666	8000	6400	5383	4000	2066	2000
Ounce.....	10	12	14	16	18	20	22	24
Inch.....	5-8	11-16	3-4	13-16	7-8	15-16	1	1 1-8
Blued, half weight.....	Per dozen papers	\$0.58	.65	.73	.80	.88	.95	1.03
Blued.....	Pound boxes or bulk	0.19	.18	.17	.16	.16	.15	.15
Tinned, half weight.....	Per dozen papers	0.98	1.06	1.22	1.41	.....	.....	.....
No. of tacks in a pound.....	1600	1333	1143	1000	888	800	727	666

**American Carriage Swedes' Iron and Upholsterers' Tacks**

All kinds except Gimp and Lace.

	1-2 to 1	1 1-2	2	2 1-2	3	4	6	8
Ounce.....	3-16	3½-16	1-4	5-16	3-8	7-16	1-2	9-16
Inch.....	3-16	3½-16	1-4	5-16	3-8	7-16	1-2	9-16
Blued, half weight.....	Per dozen papers	\$0.35	.35	.35	.40	.45	.50	.61
Blued.....	Pound boxes or bulk	0.70	.50	.45	.40	.36	.32	.27
Tinned, half weight.....	Per dozen papers	0.58	.58	.58	.64	.70	.82	.93
No. of tacks in a pound.....	Same as B B B Iron Cut Tacks.							
Ounce.....	10	12	14	16	18	20	22	24
Inch.....	5-8	11-16	3-4	13-16	7-8	15-16	1	1 1-8
Blued, half weight.....	Per dozen papers	\$0.81	.91	1.01	1.11	1.21	1.31	1.41
Blued.....	Pound boxes or bulk	0.22	.20	.19	.18½	.18	.17½	.17
Tinned, half weight.....	Per dozen papers	1.21	1.32	1.50	1.72	1.90	2.07	2.25
No. of tacks in a pound.....	Same as B B B Iron Cut Tacks.							

**Tinned Tacks**

All kinds not elsewhere specified.

PAPERS OR BULK, PER POUND:

	1	1 1-2	2	2 1-2	3	4	6	8	10	12	14	16	18	20	22	24
Ounce.....																
Per pound ....	\$1.50	1.00	.75	.68	.62	.55	.41	.35	.32	.30	.29	.29	.28	.28	.27	.27



Packed in small  
Ounce.....  
Kegs.....

Ounce.....  
Inch.....  
Blued, half weight.....  
Blued.....  
Tinned, half weight.....  
Tinned.....

Ounce.....  
100 in paper.....  
144 in paper.....

BLUED STEEL CARPET TACKS



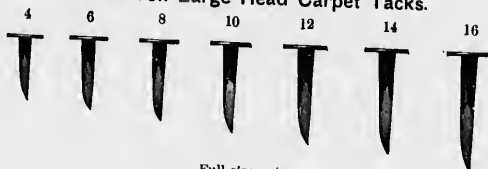
3	4	6	8
3-8	7-16	1-2	9-16
.33	.36	.44	.51
.31	.29	.24	.21
.68	.76	.83	
333	4000	2666	2900
8	20	22	24
-8	15-16	1	11-8
.95	1.03	1.10	
.15	.15	.15	
800	727	666	

Packed in small wooden kegs, assorted.. Per gross \$4.00

ASSORTED			
Ounce .....	6	8	10
Kegs .....	12	48	12

ALL ONE SIZE IN EACH BOX.			
Ounce .....	6	8	10
Per gross .....	\$4.75	4.00	4.00
Tinned, add 50 per cent. to above prices.			

BBB Iron Large Head Carpet Tacks.

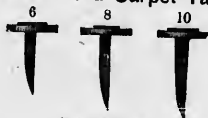


4	6	8
7-16	1-2	9-16
.50	.61	.71
.32	.27	.34
.82	.93	1.04
20	22	24
15-16	1	11-8
1.31	1.41	1.51
.17½	.17	.17
2.07	2.25	2.42

Full size cuts.

Ounce .....	4	6	8	10	12	14	16
Inch .....	7-16	1-2	9-16	5-8	11-16	3-4	13-16
Blued, half weight .....	\$0.36	.44	.51	.58	.65	.73	.80
Blued .....	0.28	.24	.21	.19	.18	.17	.16
Tinned, half weight .....	0.68	.76	.83	.93	1.06	1.22	1.41
Tinned .....	0.30	.26½	.23	.21½	.20½	.20	.19½

Leather Head Carpet Tacks.



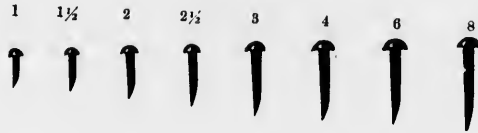
Full size cuts.

Ounce .....	4	6	8	10	12
100 in paper .....	\$0.30	.30	.30	.32	.34
144 in paper .....	0.36	.36	.36	.38	.40

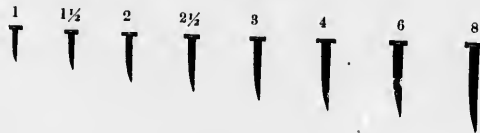
One dozen papers in a package.

GIMP AND LACE TACKS

GIMP TACKS.



LACE TACKS.



Full size cuts.

GIMP OR LACE.

	1	1-1-2	2	2-1-2	3	4	6	8
Ounce .....	7-32	1-4	5-16	3-8	7-16	1-2	9-16	5-8
Inch .....								
Blue, half weight .....	Per dozen papers \$0.43	.43	.50	.54	.61	.68	.79	.86
Blue .....	Per dozen papers 1.15	.77	.67	.58	.54	.45	.35	.29
Tinned, half weight .....	Per dozen papers 0.72	.72	.72	.79	.86	1.00	1.15	1.29
Tinned .....	Pound boxes or bulk 1.92	1.28	.96	.84	.77	.67	.51	.43

Cheese Box Tacks

SWEDEN IRON.

OVAL OR FLAT HEADS.



Full size cuts.

	6	8	10	12	14	18
Ounce .....	4-8	4 1/2-8	5-8	5 1/2-8	6-8	7-8
Inch .....						
Per pound .....	\$0.27	.24	.22	.20	.19	.18

In bulk 25 pound boxes.

Strawberry Box Tacks

1 pound papers.

1 1/2 ounce ..... Per pound \$0.30

All sizes .....  
Nos. ....  
Inch .....  
Per dozen .....  
Nos. ....  
Per pound .....  
Per pound .....  
Japanned. Nos. ....  
No. 3 .....  
Per dozen .....  
Trunk N  
13-4  
11-2  
13-8  
11-4  
11-8  
1  
7-8  
3-4  
2

**COPPER TACKS**

In 1 pound and ½ pound Papers.

All sizes ..... Per pound \$0.66

**Double Pointed Tacks**



Full size cuts.

		Blued in Paper Boxes				
Nos. ....		9	10	11	12	14
Inch .....		3½-8	1-2	4½-8	5-8	5½-8
Per dozen .....		\$1.20	1.30	1.40	1.60	1.85
		Blued in Bulk, 100 pound Packages				
Nos. ....		9	10	11	12	14
Per pound .....		\$0.46	.42	.41	.40	.39

**Extras, Net**

25 pound Boxes. Less Quantities  
 Per pound..... \$0.1-4 ..... \$0.1-2

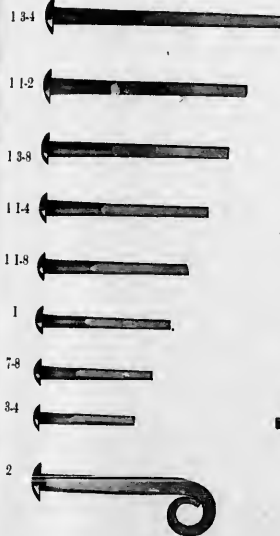
**In Kegs**

Japanned. Nos. 10 and 11. .... Per gross \$ 7.00  
 Half gross in a box.

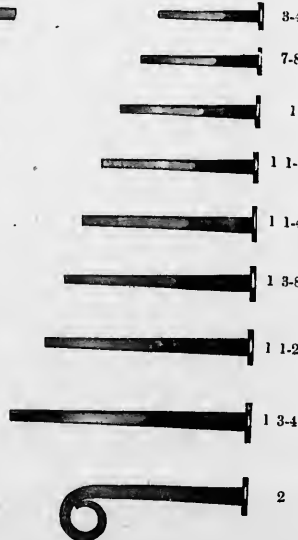
**Double Pointed Shade Tacks**

		Blued.	Tinned.
No. 3 .....			
Per dozen .....		\$1.20	1.35

**Trunk Nails**



**Clout Nails**



**Trunk and Clout Nails**

In 1 pound Paper Boxes or Bulk.

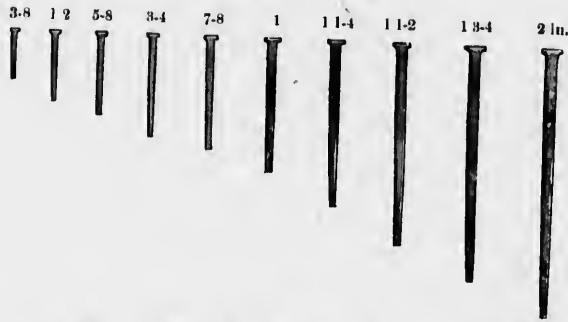
INCH.	BRIGHT OR BLUED	TINNED	COPPER
	Per Pound	Per Pound	Per Pound
3-8	\$0.42	\$0.48	\$0.66
1-2	0.30	0.36	0.66
5-8	0.24	0.30	0.66
3-4	0.20	0.26	0.66
7-8	0.18	0.24	0.66
1	0.16	0.22	0.66
1 1-8	0.15	0.21	0.66
1 1-4	0.14	0.20	0.66
1 1-2	0.14	0.20	0.66
1 3-4	0.13	0.19	0.66
2	0.13	0.19	0.66

4 6 8  
 -2 9-16 5-9  
 68 .79 .86  
 45 .35 .29  
 90 1.15 1.29  
 67 .51 .43

4 18  
 -8 7-8  
 19 .18

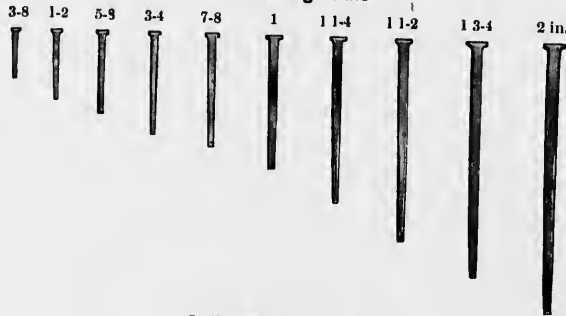
Per pound \$0.80

PATENT BRADS



Inch.....	3-8	1-2	5-8	3-4	7-8	1	1 1-4	1 1-2	1 3-4	2 in.
Half-weight, per dozen papers ..	\$0.60	.60	.66	.72	.78	.96	1.14	1.44	1.80	2.16
1 lb. papers or in bulk, per lb ..	0.80	.53	.44	.32	.26	.25 1/2	.22	.18	.16	.16

Finishing Nails



In lb. papers or in bulk.

Inch.....	3-8	1-2	5-8	3-4	7-8	1	1 1-4	1 1-2	1 3-4	2 in.
Iron, per lb.....	\$0.42	.30	.24	.20	.18	.16	.15	.14	.14	.13
Copper or brass, all sizes .....										.13
										Per lb. \$0.66

Lining Nails

OVAL HEAD. SILVER OR JAPANNED.



Ounce .....	4	6	8	10	12	14
No. in a paper .....	75	75	75	75	75	75
Per paper .....	\$0.04	.04	.04	.04	.04	.04
In bulk, per lb .....	0.80	.68	.60	.55	.50	.50

Twenty papers in a package.

Various of  
Iron Shoe Nail  
Soft Steel Shoe  
Swede's Iron S  
Zinc Shoe Nail  
Zinc Shank Na

BBB Iron Hun  
Swede's "  
Hob Nails, Swed  
Tempered Steel

Tempered Steel

Channel Nails ...

Shoe Tacks.....

" .....

Miners' Tacks.....

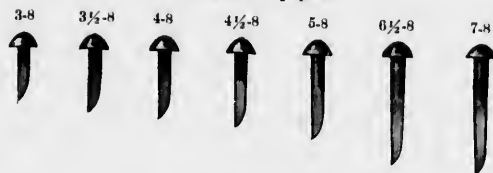
SHOE FINDERS' LIST

Various other descriptions of Nails, etc., suitable for Boot and Shoe Manufacturers, in stock and made to order.

Iron Shoe Nails .....	10 cts. per lb.	Diamond Head Zinc Nails.....	27 cts. per lb.
Soft Steel Shoe Nails.....	12 "	Copper Shoe Nails.....	50 "
Swede's Iron Shoe Nails.....	14 "	Brass Shoe Nails.....	45 "
Zinc Shoe Nails.....	17½ "	Copper Glump Nails or Tacks .....	68 "
Zinc Shank Nails .....	23 "		

Round Head Hungarian Nails

In 1-2 or 1 lb. papers.

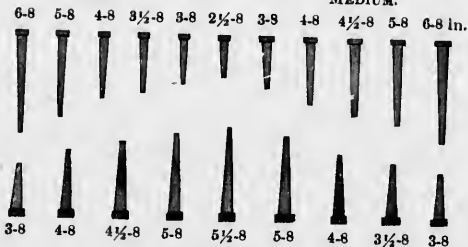


BBB Iron Hungarian Nails .....	2-8 & 2½-8 in.	3-8 & 3½-8 in.	4-8 in. and longer.
Swede's " " .....	15	14	13 cts. per lb.
Hob Nails, Swedes Iron, all sizes .....	17½	10¾	10 "
Tempered Steel Shoe Nails, all sizes.....	17 cts. per lb. in ½ lb. papers.	30 " " 1 "	
Tempered Steel Shoe Nails.....	4-8 in. and shorter.	5-8 in.	6-8 in. and longer.
	37	43½	52 cts. per M.

Channel Nails

LIGHT.

MEDIUM.



Channel Nails .....	2½-8 in.	3-8 in.	3½-8 in.	4-8 in.	4½-8 in.	5-8 in. and longer.		
	63	55	30	27	25	28 cts. per lb.		
Shoe Tacks.....	1-2 oz.	3-4 oz.	1 oz.	1½ oz.	2 oz.	2½ oz.	3 oz.	4 oz.
" .....	\$1.10	70	50	32	30	27½	28	26 cts. per lb.
" .....	39	39	39	39	48	54	58	58 " doz.
Miners' Tacks.....				3-8 in.	3½-8 in.	4-8 in. and longer.		
				28	20	16 cts. per lb.		



**SHOE FINDERS' LIST**

Countersunk Swedes Nails	3-8 in.	3½-8 in.	4-8 & 4½-8 in.	5-8 & 5½-8 in.	6-8 in.	7-8 in.	8-8 in. and longer.	
	29	24 3-4	21 3-4	20 1-4	19	17 1-2	16 cts. per lb.	
Iron Gimps Nails	2½-8 in.	3-8 in.	3½-8 in.	4-8 in.	4½-8 in.	5-8 in.	5½-8 in.	6-8 in.
	65	46	40 1-2	32 1-2	29 3-4	27	24	21 1-2 cts. per lb.

Heel Plate Nails, 18 cents per lb.

Any goods on Shoe Finders' List not specified, tinned at an advance of 5 cents per pound.

**Saddle Nails**

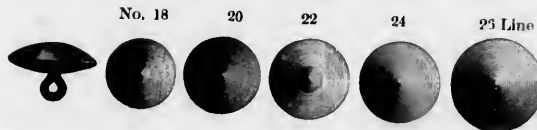


FLAT OR OVAL, SILVER OR JAPANNED.

No .....	3	4	4	4
Inch.....	1	1	1 1-8	1 1-4
No. in a paper.....	100	100	100	100
Per paper.....	\$0.10	.10	.10	.10

Twenty papers in a package.

**Japanned Tufting Buttons**



Japanned, 20 and 22 lines.....	.....	Per great gross \$2.50
--------------------------------	-------	------------------------

Twelve papers (one great gross) in a package.

**Glaziers' Points**

TRIANGLE.



Full size cuts.

Zinc Glaziers' Points.....	.....	Per paper \$0.07
----------------------------	-------	------------------

In half pound papers.

The accom-  
impacted, by u  
wood, irrespec  
and hold it thro  
It supplies  
more numerou  
point out the  
been thorough

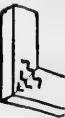


Fig. 8.



Fig. 9.

DEPTH.

1/8 Inch.....

1/4 Inch.....

When ordering

CORRUGATED STEEL FASTENER



The accompanying illustrations show The Corrugated Steel Fastener, which is made of sheet steel, to which is imparted, by means of special machinery, a sharp penetrating edge, adapted to be readily driven into soft or hard wood, irrespective of the direction of the grain, and when so driven, its abrupt corrugations interlock with the wood and hold it firmly together.

It supplies a long-felt want to those who are seeking for some simple and effective device, whose applications are more numerous and effective than the ordinary nail or wood screw. To the practical mechanic it is useless to further point out the endless variety of situations where this fastening device can be advantageously used. Its utility has been thoroughly demonstrated.

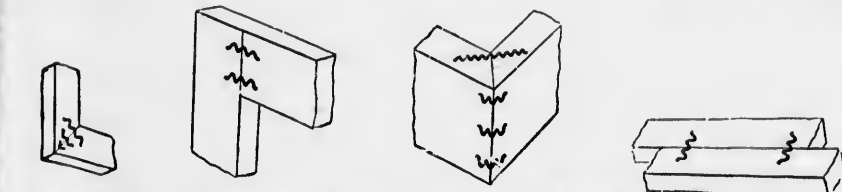


Fig. 8 shows the Fastener applied to prevent splitting at a mortise. When so applied to the rims of wheels, it positively prevents splitting out from the spoke tenons.



Fig. 9 shows its application as a means to prevent slipping or warping.



Fig. 10 shows its use in making boxes. Its application makes a much finer, stronger box and at much less expense than by the use of nails or screws.

DEPTH.	Number of Corrugations.	Price per 1000.	DEPTH.	Number of Corrugations.	Price per 1000.	DEPTH.	Number of Corrugations.	Price per 1000.	DEPTH.	Number of Corrugations.	Price per 1000.
1/8 Inch	1	\$0.25	3/8 Inch	1	\$0.40	5/8 Inch	1	\$0.65	7/8 Inch	1	\$0.90
	2	.45		2	.70		2	.85		2	1.15
	3	.50		3	.70		3	1.00		3	1.50
	4	.65		4	.85		4	1.20		4	1.70
	5	.80		5	1.00		5	1.35		5	2.00
	6	.95		6	1.20		6	1.50		6	2.30
1/4 Inch	1	\$0.30		7	1.40		7	1.70		7	2.60
	2	.50		8	1.60		8	1.90		8	2.90
	3	.60	1 Inch	1	\$0.50	3 Inch	1	\$0.75	1 Inch	1	\$1.05
	4	.70		2	.70		2	1.00		2	1.25
	5	.90		3	.85		3	1.15		3	1.50
	6	1.05		4	1.00		4	1.40		4	1.80
	7	1.20		5	1.20		5	1.60		5	2.10
		6		1.35	6		1.80	6		2.40	
		7		1.50	7		2.00	7		2.70	
		8		1.70	8		2.20	8		3.00	

When ordering, give depth and number of corrugations. Any number of corrugations desired can be supplied.

8-8 in. and longer,  
16 cts. per lb.  
6-6 in.  
21 1-2 cts. per lb.

4  
1 1-4  
100  
.10

great gross \$2.50

Per paper \$0.07

FURNITURE NAILS

With Steel Pins.



No. 137 China nail.



No. 137 1-2 Fancy disk.

Porcelain Head.

No. 137 ..... Per 1000 \$0.75

Gilt Disks.

No. 137 1-2—Gilt Disks for porcelain head nails..... Per 1000 \$0.65

One thousand in a box.



No. 43.



No. 6.



No. 5.



No. 4.



No. 530.



No. 528Y.



No. 528E.

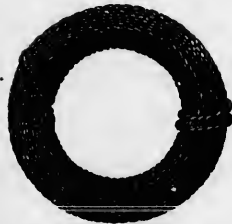
No. 42	—Gilt furniture nails, large head .....	Per 1000	\$0.55
No. 43	—Gilt furniture nails, medium head .....	Per 1000	.50
No. 6	—Gilt furniture nails, cone head .....	Per 1000	.80
No. 5	—Gilt furniture nails, cone head .....	Per 1000	.90
No. 4	—Gilt furniture nails, cone head .....	Per 1000	1.30
No. 530	—Gilt furniture nails, fancy head .....	Per 1000	4.25
No. 528Y	—Gilt furniture nails, fancy head .....	Per 1000	3.00
No. 528E	—Gilt furniture nails, fancy head .....	Per 1000	3.60



Brass Drugget Pins.

With Steel Points.

Inch .....	1-2	5-8	3-4
Per gross .....	\$0.70	.70	.70



Braided Wire Picture Cord.

Tinned.

Nos .....	0	1	2	3
Per dozen coils .....	\$0.55	.75	1.30	1.90

One dozen coils in a box.

Warranted 25 yards in a coll.

Inch.....  
Per gross.....

No. 9—2 1-2 in  
No. 9—3 inch,  
No. 10E—2 1-2 in  
No. 107—2 1-2 in

Inch.....  
Per pound.....

Steel plated, 7-8 x  
Brass plated, 7-8 x

Length.....  
Diameter W.G.....  
Per pound.....

**BRASS HEAD PICTURE NAILS**



Full size cut of 2 inch.

Inch.....	<b>1 1-4</b>	.....	<b>1 1-2</b>	.....	<b>2</b>	.....	<b>2 1-2</b>	.....	<b>3</b>	.....	<b>3 1-2</b>
Per gross.....	\$0.45	.....	.55	.....	.70	.....	.80	.....	1.00	.....	1.15

One gross in a box.

**Picture Nails**

With Slide Head.



Full size cut of No. 9.

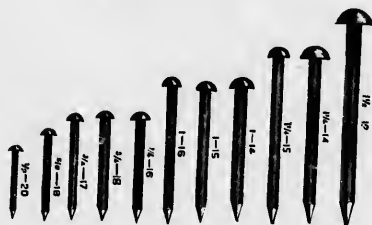


Full size cut of Nos. 106 and 107.

No. <b>9</b> —2 1-2 inch, white porcelain centre, plain brass rim .....	Per gross	\$2.25
No. <b>9</b> —3 inch, white porcelain centre, plain brass rim .....	Per gross	2.25
No. <b>106</b> —2 1-2 inch, green glass centre, plain rim .....	Per gross	4.50
No. <b>107</b> —2 1-2 inch, blue glass centre, plain rim .....	Per gross	4.50

One-quarter gross in a box.

**Brass Escutcheon Pins**



In one pound boxes.

Inch.....	<b>3-8</b>	.....	<b>1-2</b>	.....	<b>5-8</b>	.....	<b>3-4</b>	.....	<b>7-8</b>	.....	<b>1</b>
Per pound.....	\$0.57	.....	.55	.....	.54	.....	.53	.....	.51	.....	.50

**Curtain Stretcher Pins**

Steel plated, 7-8 x 19.....	Per pound	\$0.50
Brass plated, 7-8 x 19.....	Per pound	1.75

One pound in a box.

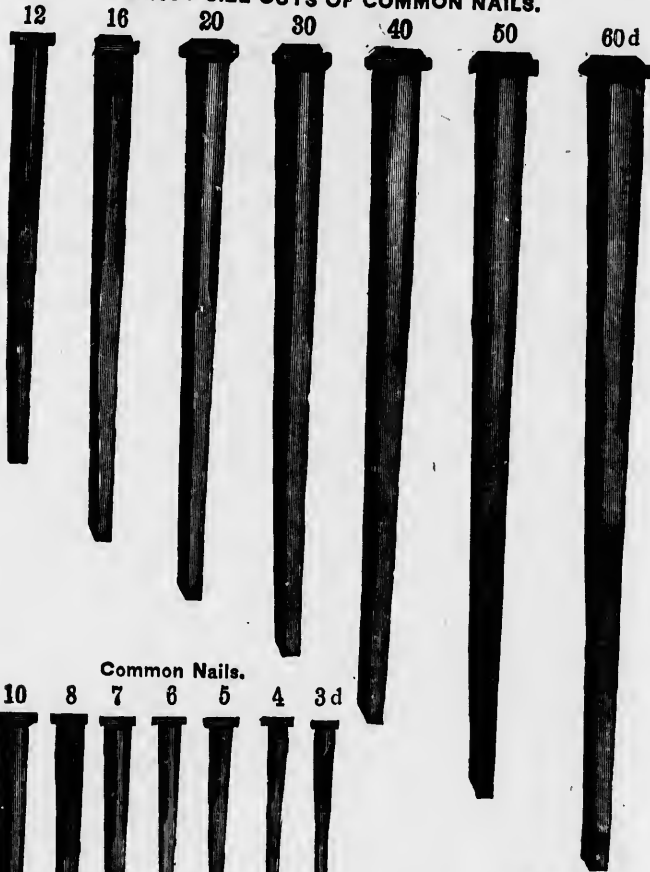
**Nettlefold's Countersunk Clout Nails**



Full size cut of 2 inch.

Length.....	<b>1</b>	.....	<b>1 1-4</b>	.....	<b>1 1-2</b>	.....	<b>1 3-4</b>	.....	<b>2</b>	.....	<b>2 1-4</b>	.....	<b>2 1-2</b>	.....	<b>2 3-4</b>	.....	<b>3</b>	.....	<b>3 1-2</b>
Diameter W.G.....	8	.....	7	.....	7	.....	5	.....	3	.....	3	.....	2	.....	2	.....	1	.....	1
Per pound.....	\$0.15	.....	.14	.....	.13	.....	.12	.....	.11	.....	.10 1-2	.....	.10 1-2	.....	.10 1-2	.....	.10 1-4	.....	.10 1-4
	<b>T-L</b>		<b>T-</b>		<b>A-</b>		<b>A</b>		<b>V-</b>		<b>V-</b>		<b>V-</b>		<b>V</b>		<b>L-</b>		<b>L-</b>

EXACT SIZE CUTS OF COMMON NAILS.



Fine Blued.  
3 2d

Barrel.

1 1/8 1 7/8 in.



8  
3-  
7-  
  
1  
1  
1  
2  
3  
4  
5  
6  
.....  
.....



IRON AND STEEL NAILS

SCHEDULE OF EXTRAS

Adopted by the Cut Nail Association, January 10th, 1893. Subject to change without notice.

STANDARD LIST.

Cut Nails, Fence and Cut Spikes

Base price 50d. and 60d. Iron. \$		Steel 10 cts. extra.		
40d	Hot cut.....	\$0.05 per 100 lbs.	2d Hot cut.....	\$1.50 per 100 lbs.
30d	" .....	0.10 "	4d and 5d Cold cut, not polished or blued	0.50 "
20d, 16d and 12d	" .....	0.15 "	3d and 5d Cold cut, not polished or blued	0.90 "
10d	" .....	0.20 "	FINE BLUED NAILS.	
8d and 9d	" .....	0.25 "	3d. Fine.....	\$1.50 per 100 lbs.
6d and 7d	" .....	0.40 "	2d. Fine.....	2.00 "
4d and 5d	" .....	0.60 "	Nails packed in 50 lb. kegs, 10c. extra.	
3d	" .....	1.00 "		

Casing and Box, Flooring, Shook and Tobacco Box Nails

Per 100 lbs.....	2d. ..	3d. ..	4d. to 5d. ..	6d. to 7d. ..	8d. to 9d. ..	10d. ..	12d. to 30d. ..
	\$1.75 ..	1.50 ..	1.10 ..	.90 ..	.75 ..	.60 ..	.50 ..

Finishing Nails, A P and C P

Inch .....	1 ..	1 1-4 ..	1 1-2 to 1 3-4 ..	2 to 2 1-4 ..	2 1-2 to 2 3-4 ..	3 ..
Per 100 lbs.....	\$2.25 ..	1.75 ..	1.35 ..	1.15 ..	1.00 ..	.85 ..

Clinch Nails, Light, Medium and Heavy

Inch .....	1 ..	1 1-4 ..	1 1-2 to 1 3-4 ..	2 to 2 1-4 ..	2 1-2 to 2 3-4 ..	3 ..
Per 100 lbs.....	\$2.50 ..	2.00 ..	1.35 ..	1.15 ..	1.00 ..	.85 ..

Pressed Nails, Flat and Sharp

Inch .....	1 ..	1 1-4 ..	1 1-2 to 1 3-4 ..	2 to 2 1-4 ..	2 1-2 to 2 3-4 ..	3 ..
Per 100 lbs.....	\$3.00 ..	2.50 ..	1.85 ..	1.65 ..	1.50 ..	1.35 ..

NOTE.—Clinch and Pressed Nails packed in 50 lb. boxes.

Flour Barrel Nails

Best Flour Barrel Nails (for Heading)

Inch .....	3-4 ..	7-8 ..	1 ..	1 1-8 ..
Per keg.....	\$8.25 ..	7.75 ..	7.50 ..	7.00 ..

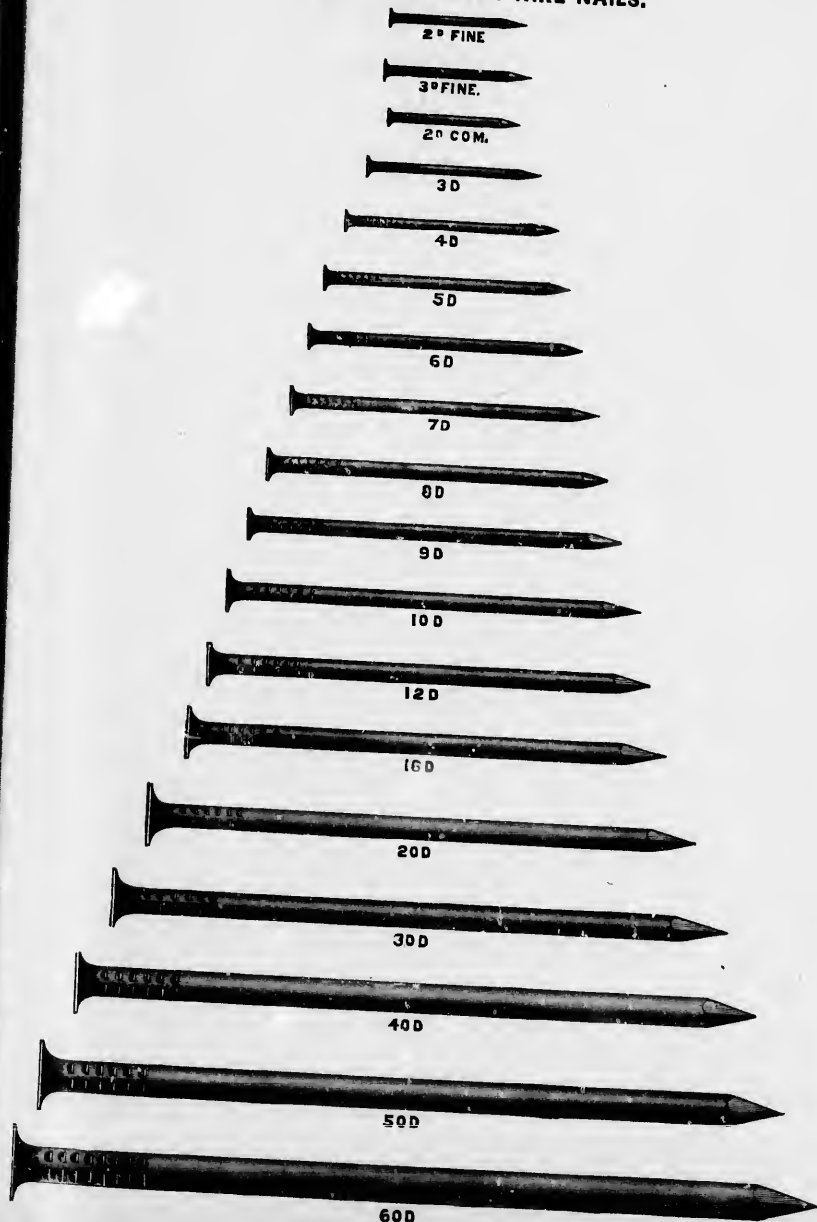
Coopers' Nails (for Clinching)

Inch .....	3-4 ..	7-8 ..	1 ..	1 1-8 ..
Per keg.....	\$8.25 ..	7.75 ..	7.50 ..	7.00 ..

Common Flour Barrel Nails

Inch .....	3-4 ..	7-8 ..	1 ..	1 1-8 ..
Per 100 lbs.....	\$2.25 ..	1.75 ..	1.50 ..	1.25 ..

STANDARD STEEL WIRE NAILS.



60D  
ONE HUNDRED POUNDS IN A KEG.

ut notice.

... \$1.50 per 100 lbs.  
 ed 0.50 "  
 ed 0.90 "  
 LS.  
 ... \$1.50 per 100 lbs.  
 ... 2.00 "  
 10c. extra.

d. .. 12d. to 30d.  
 0 .. .50

23-4 .. 3  
 0 .. .85

23-4 .. 3  
 0 .. .85

23-4 .. 3  
 0 .. 1.35

... 1 1/8  
 ... 7.00

... 1 1/8  
 ... 7.00

... 1 1/8  
 ... 1.25



STANDARD STEEL WIRE NAILS

Full size cuts.

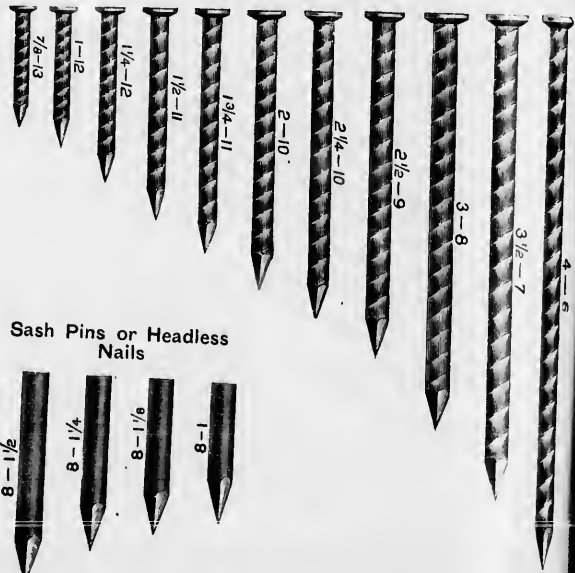
Steel Wire Moulding Nails.



Car Nails



Wire Nails—Barbed



Standard	Length in Inches
2d	1 1/4
3d	1 1/2
4d	1 3/4
5d	1 3/4
6d	2
7d	2 1/4
8d	2 1/2
9d	2 3/4
10d	3
12d	3 1/4
16d	3 1/2
20d	4
30d	4 1/2
40d	5
50d	5 1/2
60d	6
and longer	

Net extras over length Comm

Barbing, Anneal.  
Packing in 25 and  
Packing in less  
Blued or Coated  
Moulding, F  
Trough Spikes, a  
All other Size

Length	Gauge	No. 19 and
1/4 in.	" 20	...
"	" 21	...
"	" 18 and 19	...
3/8 in.	" 19	...
"	" 20	...
"	" 21	...
"	" 17 and 18	...
1/2 in.	" 18	...
"	" 19	...
"	" 20	...
"	" 17 and 18	...
3/4 in.	" 18	...
"	" 19	...
"	" 20	...
"	" 16 and 17	...
1 in.	" 17	...
"	" 18	...
"	" 19	...

Sash Pins or Headless  
Barbing, Annealing  
Timing, up to 3/4 in  
Timing, 5/8 such an  
Galvanizing  
Packing in 25 and 5  
Packing in less than  
Blued or Coated Na

In addition to

STANDARD STEEL WIRE NAILS

Manufacturers' List.

ADOPTED JANUARY 1ST, 1895.

Standard Common Nails.

IN KEGS.

Size	Length in Inches	Gauge	LIST PRICE	Moulding	Finishing and Casing	Flooring	Clinch, Long Point	Clinch, Flat Point	Slatting and Roofing	Box	Fence	Shingle	Tobacco	Barrel	Eave Trough Spikes	Common Spikes	Oval Hd. Car
				Go	Go	Go	Go	Go	Go	Go	Go	Go	Go	Go	Go	Go	Go
2d	1	16	20c.	16	17	..	14	14	12	10	..	..	..	14	..	..	..
3d	1 1/4	16	20	16	17	..	..	..	12	..	..	..	..	..	..	..	..
3d	1 1/4	15	18	15	16	..	13	14	11	15	..	13	..	14	..	..	..
4d	1 1/2	14	16	14	15	..	12	13	11	15	..	..	..	..	..	..	..
4d	1 1/2	13	16	13	14	..	12	13	10	14	..	13	12	13	..	..	12
5d	2	12	15	12	13	..	11	12	10	14	10	12	12	13	..	..	10
5d	2	11	15	12	13	11	11	12	10	13	10	12	11	13	..	..	10
6d	2 1/4	12	15	12	13	11	11	12	..	13	9	11	11	..	..	..	10
6d	2 1/4	11	14	12	13	11	11	12	..	12	9	11	10	..	..	..	9
7d	2 1/2	11	14	11	12	10	10	11	..	11	7	9	10	..	..	..	9
7d	2 1/2	10	13	10	11	9	9	9	..	11	6	9	10	..	..	..	8
8d	3	10	13	10	11	8	8	8	..	10	5	8	9	..	..	..	8
8d	3	9	13	9	10	7	7	7	..	9	4	7	8	..	..	..	7
9d	3 1/4	8	13	8	9	6	6	6	..	8	3	6	7	..	..	..	6
10d	4	7	13	7	8	5	5	5	..	7	2	5	6	..	..	..	5
10d	4	6	13	6	7	4	4	4	..	6	1	4	5	..	..	..	4
12d	4 1/2	5	12	5	6	3	3	3	..	5	..	3	4	..	..	..	4
14d	5	4	12	4	5	2	2	2	..	4	..	2	3	..	..	..	3
16d	5 1/2	3	12	3	4	1	1	1	..	3	..	1	2	..	..	..	2
20d	6	3	12	3	3	..	..	..	..	2	..	..	1	..	..	..	1
Net extras over same length Common Nails				1/4c.	1/4c.	1/4c.	1/4c.	1/4c.	1/4c.	1/4c.	1/4c.	1/4c.	1/4c.	1/4c.	1/4c.	1/4c.	1/4c.

OTHER EXTRAS, NET.

Barbing, Annealing, Special Heads, Special Points	1/4 cent per lb. each, net
Packing in 25 and 50 lb. boxes	1/4 " " "
Packing in less than 25 lbs., and in 1 lb. papers	1/4 " " "
Blued or Coated Nails	1/2 " " "
Moulding, Finishing, Casing, Flooring, Clinch, Slatting, Roofing, Box, Fence, Shingle, Tobacco, Barrel, Eave Trough Spikes, and Car Nails of the Gauges named above, will be charged at Common Nail List, with extras as shown.	5 cents per 100 lbs. net
All other Sizes and Gauges will be charged by the Miscellaneous List, with extras as shown.	

Miscellaneous Wire Nail List

APPLYING TO ALL NAILS EXCEPT STANDARD NAILS IN KEGS.

Length	Gauge	Per lb.	Length	Gauge	Per lb.	Length	Gauge	Per lb.	Length	Gauge	Per lb.
1 in.	No. 19 and heavier	.60c	1 1/4 in.	No. 14 and heavier	.25c	1 1/2 in.	No. 12 and heavier	.18c	3 1/2 in.	No. 10 and heavier	.16c
"	" 20	.80	"	" 15	.27	"	" 13	.19	"	" 11	.18
"	" 21	.95	"	" 16	.27	"	" 14	.20	"	" 6 and heavier	.14
"	" 18 and heavier	.45	"	" 17	.30	"	" 15	.23	"	" 7	.15
1 1/4 in.	" 19	.50	"	" 18	.30	"	" 12 and heavier	.17	4 1/2 in.	" 8	.16
"	" 20	.85	"	" 15 and heavier	.25	2 and	" 13	.20	"	" 9	.17
"	" 21	.75	1 and	" 16	.26	2 1/2 in.	" 14	.22	"	" 5 and heavier	.14
"	" 17 and heavier	.40	1 1/4 in.	" 17	.27	"	" 10 and heavier	.16	5 in.	" 6	.15
1 1/2 in.	" 18	.45	"	" 18	.28	2 1/2 and	" 11	.17	"	" 7	.16
"	" 19	.50	1 1/4 and	" 14 and heavier	.21	2 3/4 in.	" 12	.18	"	" 8	.17
"	" 20	.55	1 1/2 and	" 15	.22	"	" 13	.19	"	" 4 and heavier	.14
"	" 17 and heavier	.30	1 3/4 in.	" 16	.23	"	" 9 and heavier	.15	5 1/2 in.	" 5	.15
1 3/4 in.	" 18	.35	"	" 17	.25	3 and	" 10	.16	"	" 6	.16
"	" 19	.40	"	" 13 and heavier	.19	3 1/2 in.	" 11	.17	"	" 3 and heavier	.14
"	" 20	.45	1 1/2 in.	" 14	.21	"	" 12	.18	6 in.	" 4	.15
"	" 16 and heavier	.30	"	" 15	.23	3 3/4 and	" 8 and heavier	.14	and longer	" 5	.16
2 in.	" 17	.32	"	" 16	.25	4 in.	" 9	.16			
"	" 18	.32									
"	" 19	.35									

NET EXTRAS.

Sash Pins or Headless Nails	
Barbing, Annealing, Special Heads, Special Points	1/2 cent per lb. extra, net
Finishing, up to 3/4 inch	1/2 " " "
Finishing, 7/8 inch and longer	6 " " "
Galvanizing	3 " " "
Packing in 25 and 50 lb. boxes	3 " " "
Packing in less than 25 lbs. and in lb. papers	1/2 " " "
Blued or Coated Nails	5 cts. per 100 lbs.

In addition to these Extras—Nails on the above list in less than 100 lbs. of one size, 1c. per lb. Extra, Net.

lating Nails  
AND PLAIN.



WOOD, VALLANCE & CO

PRESSED OR SHIP SPIKES

Packed in Kegs of 100 lbs.



1-4 x 3 1-2 in and longer .....	Per 100 lbs.	\$4.75
5-16 x 4 " " .....	"	4.50
8-8 x 4 " " .....	"	4.25
7-16 x 4 in. and upwards .....	"	3.90

Galvanized Spikes Extra Net, per lb. 2 1/2 cents.

Approximate Number to a Keg of 100 lbs.

LENGTH	1-4	5-16	3-8	7-16	1-2
3 inches.....	1500	.....	.....	.....	.....
3 1-2 " .....	1260	806	.....	.....	.....
4 " .....	1100	757	.....	.....	.....
4 1-2 " .....	976	710	.....	.....	.....
5 " .....	920	620	495	.....	.....
6 " .....	862	579	380	.....	.....
7 " .....	774	442	322	297	.....
8 " .....	.....	424	304	256	204
9 " .....	.....	382	283	200	171
10 " .....	.....	.....	261	180	160
11 " .....	.....	.....	.....	166	148
12 " .....	.....	.....	.....	158	120

Approximate Number of Street and Tram Rail Spikes in Keg of 150 lbs. Countersunk Heads.

SIZE	APPROXIMATE NUMBER IN KEG	NUMBER TO LAY 1 MILE—HOLES 2 FEET APART		
		POUNDS		KEGS
2 1-2 x 1-4 .....	2300			
2 1-2 x 5-16 .....	1720	345	or	2 1-3
3 x 5-16 .....	1250	565	or	3 3-4
3 1-2 x 5-16 .....	1150	640	or	4 1-4
5 x 5-16 .....	900	690	or	4 3-5
4 x 1-2 .....	840	890	or	5 7-8
4 1-2 x 1-2 .....	530	940	or	6 1-3
6 x 1-2 .....	480	1500	or	10
6 x 1-2 .....	360	1650	or	11
6 x 9-16 .....	270	2190	or	14 5-8
		2980	or	19 1-2

Approximate Number of Railway Spikes in Keg of 150 lbs.

SIZE MEASURED OVER ALL	APPROXIMATE NUMBER IN KEG	NUMBER TO LAY 1 MILE TRACK. 4 TO TIE— TIES 2 FEET FROM CENTRE TO CENTRE.		RAILS USED WEIGHT PER YARD
		POUNDS	KEGS	
6 x 9-16	280	5670	or 88	} 45 to 70 lbs. 40 to 56 lbs. 35 to 40 lbs. 30 to 35 lbs. 28 to 30 lbs. 20 to 28 lbs. 18 to 20 lbs. 12 lbs. 8 lbs.
5 1-2 x 9-16	300	5170	or 85	
5 x 1-2	400	3960	or 57	
4 1-2 x 1-2	450	3520	or 24	
4 x 1-2	510	3110	or 21	
4 1-2 x 7-16	510	3110	or 21	
4 x 7-16	680	2560	or 17	
4 x 3-8	675	2350	or 16	
3 1-2 x 3-8	590	1780	or 12	
8 x 3-8	1080	1540	or 10 1-5	
8 x 3-8	1200	1320	or 8 4-5	
3 x 5-16	1620	1000	or 6 1-2	

Germantown  
Germantown  
Germantown  
Germantown  
Coach Painter

Chromarine  
Prussian Blue

Spanish Brown  
Vandyke Brown

Brunswick Green  
Chrome Green  
Chrome Green  
Paris Green (p)

Mineral Paint,  
Mineral Paint,  
Mineral Paint,

Metallic Oxide,

Metallic Oxide,

Indian Red  
Tuscan Red  
Venetian Red  
Turkey Red

Red Lead, genui

Cuban Vermillion  
Mexican Vermilli

Sienna, Raw Ital  
Sienna, Burnt Ita  
Umber, Raw Tur  
Umber, Burnt Tur

White Lead, genu

Yellow Ochre  
Golden Ochre  
Chrome Yellow, L  
Chrome Yellow, L

Genuine White Zi

Best London Wash

Lamp

For tinting walls, e

## DRY COLORS

Lamp Black	
Germantown Refined Lamp Black, assorted packages.....	Per lb. \$.....
Germantown Refined Lamp Black, 1 lb. packages.....	Per lb. \$.....
Germantown Refined Lamp Black, 1 2 lb. packages.....	Per lb. \$.....
Germantown Refined Lamp Black, 1-4 lb. packages.....	Per lb. \$.....
Coach Painters' Refined Lamp Black, 1-2 lb. packages.....	Per lb. \$.....

Blue	
Ultramarine Blue, in 28 lb. boxes.....	Per lb. \$.....
Prussian Blue.....	Per lb. \$.....

Brown	
Spanish Brown.....	Per lb. \$.....
Vandyke Brown.....	Per lb. \$.....

Green	
Brunswick Green.....	Per lb. \$.....
Chrome Green, in bulk, light and medium.....	Per lb. \$.....
Chrome Green, 6 lb. tins, light and medium.....	Per lb. \$.....
Paris Green (pure), in 1-2 lb., 1 lb., 25 lb., 50 lb., 100 lb. and 250 lb. packages.....	Per lb. \$.....

Mineral	
Mineral Paint, Chocolate.....	Per 100 lbs. \$.....
Mineral Paint, Stone.....	Per 100 lbs. \$.....
Mineral Paint, Red, Brown and Slate.....	Per 100 lbs. \$.....
	In 400 lb. barrels.....

Oxides	
	In barrels about 400 lbs.....
Metallic Oxide, Canadian.....	Per 100 lbs. \$.....
	In barrels about 400 lbs.....
Metallic Oxide, English.....	Per 100 lbs. \$.....
	In casks about 800 lbs.....

Red	
Indian Red.....	Per lb. \$.....
Tuscan Red.....	Per lb. \$.....
Venetian Red.....	Per 100 lbs. \$.....
Turkey Red.....	Per 100 lbs. \$.....
Red Lead, genuine	(in 100 lb. kegs.....) Per lb. \$.....
	(in 560 lb. casks.....) Per 100 lbs. \$.....

Vermilion	
Cuban Vermilion, 6 lb. tins or in bulk.....	Per lb. \$.....
Mexican Vermilion, 6 lb. tins or in bulk.....	Per lb. \$.....
Sienna, Raw Italian.....	Per lb. \$.....
Sienna, Burnt Italian.....	Per lb. \$.....
Umber, Raw Turkey.....	Per lb. \$.....
Umber, Burnt Turkey.....	Per lb. \$.....

White Lead	
White Lead, genuine, in 100 lb. kegs.....	Per 100 lbs. \$.....

Yellow	
Yellow Ochre.....	Per 100 lbs. \$.....
Golden Ochre.....	Per 100 lbs. \$.....
Chrome Yellow, L. M. & D., in bulk.....	Per 100 lbs. \$.....
Chrome Yellow, L. M. & D., 6 lb. tins.....	Per lb. \$.....
	Per 100 lbs. \$.....

Genuine White Zinc (V. M.).....	Per 100 lbs. \$.....
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Whiting	
Best London Washed Whiting.....	In barrels of 375 lbs. Per 100 lbs. \$.....

Pumice Stone	
Lamp.....	Per lb. \$.....   Powdered..... Per lb. \$.....

Alabastine

For tinting walls, etc., easily applied and ready for the brush by adding cold water. Sample card, showing different shades, sent on application.

Per 100 lbs. \$4.75  
 " " " 4.50  
 " " " 4.25  
 " " " 3.30

1-2

204  
 171  
 160  
 148  
 136  
 120

untersunk Heads.

LES 2 FEET APART  
 KEYS

2 1-3  
 3 3-4  
 4 1-4  
 4 3-5  
 5 7-8  
 6 1-3  
 10  
 11  
 14 5-8  
 19 1-2

RAILS USED  
 EIGHT PER YARD

45 to 70 lbs.  
 40 to 56 lbs.  
 35 to 40 lbs.  
 30 to 35 lbs.  
 28 to 30 lbs.  
 20 to 25 lbs.  
 16 to 20 lbs.  
 12 lbs.  
 8 lbs.

PURE COLORS IN OIL

IN SMALL TINS.

Burnt Umber	Per lb.	\$....
Raw Umber	Per lb.	....
Burnt Sienna	Per lb.	....
Raw Sienna	Per lb.	....
Drop Black	Per lb.	....
Refined Lamp Black	Per lb.	....
Ivory Black	Per lb.	....
Sign Writers' Black	Per lb.	....

Blue.

Ultramarine Blue	Per lb.	\$....
Azure Blue	Per lb.	....
Prussian Blue	Per lb.	....
Chinese Blue	Per lb.	....

Green.

French Permanent Green	Per lb.	\$....
Paris Green	Per lb.	....
Bronze Green	Per lb.	....
Chrome Green	Per lb.	....

Pink.

Rose Pink	Per lb.	\$....
Wine Color	Per lb.	....

Red.

Venetian Red	Per lb.	\$....
Tuscan Red	Per lb.	....
Royal Red	Per lb.	....
Western Red	Per lb.	....

Vermillion.

American Vermillion	Per lb.	\$....
English Vermillion	Per lb.	....

Yellow.

Yellow Ochre	Per lb.	\$....
Golden Ochre	Per lb.	....
Spruce Ochre	Per lb.	....
Chrome Yellow	Per lb.	....

Patent Dryer.

Patent Dryer (paste form)	Per lb.	\$....
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Wood Filler.

Wood Filler	Per lb.	\$....
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Flake White.

Flake White	Per lb.	\$....
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Graining Colors

Light Oak Graining	Per lb.	\$....
Dark Oak Graining	Per lb.	....
Ash Graining	Per lb.	\$....
Walnut Graining	Per lb.	\$....
Chestnut Graining	Per lb.	....

Coach Colors in Japan

Super. C.P. Drop Black	Per lb.	\$....
Super. Ivory Black	Per lb.	....
Super. Jet Black	Per lb.	\$....
Super. Wine Col. & D.	Per lb.	....

Manhattan Coach Colors

IN TINS.

		No. 3		2		1	
		Half pint wine.		1 pint wine.		1 quart wine.	
Black	Per tin	\$0.40	.....	.60	.....	1.60	.....
Wine Color	} Per tin	0.45	.....	.75	.....	1.35	.....
Green							
Vermillion							
Yellow							

Artists' Tube Colors

All colors carried in stock.

White Lead

Assorted Tins, 1 to 10 lbs.	Per lb.	\$....
Strictly pure (guaranteed), No. 1, No. 2, in 25 and 100 lb. packages.		
All leading Canadian brands at manufacturers' prices.		

Zinc White

V.M. Red Seal, in 25 lb. tins	Per 100 lbs.	\$....
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Shellac

Finest Orange Gum Shellac	Per lb.	\$0.55
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Putty

Best Putty in bladders	Per 100 lbs.	\$....
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Victoria Ready Mixed Colors

		Half pints.	1 pint.	Quarts.	Half gallons.
Red, Blue and Green	Per tin	\$0.18	.. .33	.47 1-2	.. .95
Other shades	Per tin	0.14	.. .25	.37 1-2	.. .75

Johnson's Pure Floor Paints

Pure Floor Paints, in quarts and half gallons	Per gallon	\$1.80
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Furniture Varnish  
Carriage Varnish  
Coach Varnish  
Flowing Varnish  
Hard Oil Finish  
Elastic Oak Varnish  
Damar Varnish  
White Shellac  
Orange Shellac  
Asphaltum or  
Black Japan  
Brown Japan  
Gold Size Japan

Hard Oil Finish  
Elastic Oak Varnish  
Elastic Gearing  
Hard Rubbing  
Wearing Body

Rosewood, oil stain  
Mahogany, oil stain  
Cherry, oil stain  
Walnut, oil stain  
Antique Oak, oil stain  
Light Oak, oil stain

In stone bottles,  
In stone bottles,

Raw Linseed Oil  
Belled Linseed Oil

Spirits of Turpentine

Castor Oil, in tins  
Bolt Cutting Oil, in  
Engine Oil, in barrels  
Lardine Machine Oil  
Tanners' Oil, in barrels  
Neats Foot Oil, in  
Harness Oil, in tins

Imperial Axle Grease  
Fraser's Axle Grease  
Fraser's Axle Grease  
Fraser's Axle Grease  
Shining Light Axle Grease  
Shining Light Axle Grease  
Shining Light Axle Grease  
Castor Oil Axle Grease

**VARNISHES**  
IN BULK.

Furniture Varnish. Brilliant and quick drying.....	Per gallon	\$....
Carriage Varnish. A good varnish for general purposes.....	Per gallon	.....
Coach Varnish. Quick drying. Heavy bodied for general carriage work.....	Per gallon	.....
Flowing Varnish. For finishing fine cabinet work. Very durable.....	Per gallon	.....
Hard Oil Finish. For producing a smooth hard finish on light and natural wood, etc.....	Per gallon	.....
Elastic Oak Varnish. For all kinds of indoor and outdoor work.....	Per gallon	.....
Damar Varnish. Transparent and heavy bodied.....	Per gallon	.....
White Shellac. Spirit varnish. For knotting, also for finishing light colored work.....	Per gallon	.....
Orange Shellac. For knotting, etc.....	Per gallon	.....
Asphaltum or Walnut Stain.....	Per gallon	.....
Black Japan.....	Per gallon	.....
Brown Japan.....	Per gallon	.....
Gold Size Japan. A strong binder and dryer. Mixes readily with raw oil.....	Per gallon	.....

IN 1 GALLON TINS.

Hard Oil Finish.....	Per tin	\$....
Elastic Oak Varnish.....	Per tin	.....
Elastic Gearing Varnish. For finishing under-parts of carriages, wheels, etc.....	Per tin	.....
Hard Rubbing Varnish. Very hard drying. Flows easily.....	Per tin	.....
Wearing Body Varnish. Pale, brilliant and very durable. For fine carriage and high class work.....	Per tin	.....

**Oil Stains**

IN TINS.

Rosewood, oil stain.....	Per dozen	1-2 Pints.	1 Pint.	1 Quart.
Mahogany, oil stain.....	Per dozen	\$3.60	5.50	9.75
Cherry, oil stain.....	Per dozen			
Walnut, oil stain.....	Per dozen			
Antique Oak, oil stain.....	Per dozen	3.00	4.75	8.50
Light Oak, oil stain.....	Per dozen			

**Stove Pipe Varnish**

In stone bottles, small.....	Per gross	\$18.00
In stone bottles, large.....	Per gross	\$1.50

We also keep in glass bottles.

**Linseed Oil**

Raw Linseed Oil.....	Per gallon	\$....
Boiled Linseed Oil.....	Per gallon	.....

**Turpentine**

Spirits of Turpentine (strictly pure).....	Per gallon	\$....
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**Lubricating and Other Oils**

Castor Oil, in tins.....	Per pound	\$....
Bolt Cutting Oil, in barrels.....	Per gallon	.....
Engine Oil, in barrels.....	Per gallon	.....
Lardine Machine Oil, in barrels.....	Per gallon	.....
Tanners' Oil, in barrels.....	Per gallon	.....
Neats Foot Oil, in barrels.....	Per gallon	.....
Harness Oil, in tins.....	Per gallon	.....
	Per dozen, \$	1-2 pints      1 pint      1 quart

**Axle Grease**

Imperial Axle Grease, in 2 lb. boxes.....	Per gross	\$10.50
Fraser's Axle Grease, in 2 lb. boxes.....	Per gross	20.25
Fraser's Axle Grease, in 15 lb. pails.....	Per pail	1.75
Fraser's Axle Grease, in 60 lb. kegs.....	Per pound	.94
Shining Light Axle Grease, in 1 lb. tins.....	Per dozen	1.50
Shining Light Axle Grease, in 3 lb. tins.....	Per dozen	4.25
Shining Light Axle Grease, in 15 lb. pails.....	Per pail	1.45
Castor Oil Axle Grease, in 3-4 lb. tins.....	Per dozen	2.25

WINDOW GLASS

NUMBER OF LIGHTS IN A BOX

Size	Panels in Box		Size	Panels in Box		Size	Panels in Box		Size	Panels in Box		Size	Panels in Box	
	50	100		50	100		50	100		50	100		50	100
7 x 9	115	229	15 x 28	17	34	20 x 32	..	23	26 x 50	..	11	31 x 36	..	12
8 x 10	90	180	..	30	16	34	..	21	..	54	..	10	..	11
8 1/2 x 21	40	81	..	32	15	30	..	20	28 x 28	..	18	38	..	40
9 x 12	57	133	..	34	14	28	..	19	..	30	..	17	..	44
9 x 14	57	114	..	36	13	27	..	18	..	32	..	16	..	40
10 x 12	60	120	10 x 16	28	56	..	..	17	..	34	..	15	..	48
10 x 14	52	103	..	18	25	50	..	16	..	31	..	14	..	50
16	45	90	..	20	23	45	..	16	..	38	..	14	..	56
18	40	80	..	22	21	41	..	15	..	40	..	13	..	60
20	36	72	..	24	19	38	..	14	..	42	..	12	..	60
22	33	65	..	26	..	35	..	14	..	44	..	12	..	60
24	30	60	..	28	18	32	..	13	..	46	..	11	..	60
26	27	55	..	30	15	30	..	12	..	48	..	11	..	60
28	26	51	..	32	14	28	..	11	..	50	..	10	..	60
12 x 14	43	86	..	34	13	26	..	10	..	52	..	10	..	60
16	38	75	..	36	13	25	..	10	..	54	..	10	..	60
18	34	67	..	38	..	24	..	9	..	56	..	9	..	60
20	30	60	..	40	11	23	..	8	..	58	..	9	..	60
22	27	55	..	42	11	21	..	8	..	60	..	9	..	60
24	25	50	..	44	..	20	..	7	..	62	..	9	..	60
26	23	46	..	46	..	19	..	7	..	64	..	9	..	60
28	22	43	..	48	..	19	..	6	..	66	..	9	..	60
30	20	40	18 x 20	20	40	40	..	6	..	68	..	9	..	60
32	19	38	..	22	18	36	..	5	..	70	..	9	..	60
34	..	85	..	24	17	33	..	5	..	72	..	9	..	60
36	..	38	..	26	16	31	..	4	..	74	..	9	..	60
42	..	30	..	28	..	29	..	4	..	76	..	9	..	60
48	..	25	..	30	14	27	..	3	..	78	..	9	..	60
14 x 16	32	64	..	32	..	25	..	3	..	80	..	9	..	60
18	29	57	..	34	12	24	..	2	..	82	..	9	..	60
20	26	51	..	36	11	22	..	2	..	84	..	9	..	60
22	24	47	..	38	..	21	..	1	..	86	..	9	..	60
24	22	43	..	40	10	20	..	1	..	88	..	9	..	60
26	20	40	..	42	..	19	..	1	..	90	..	9	..	60
28	19	37	..	44	9	18	..	1	..	92	..	9	..	60
30	17	34	..	46	..	17	..	1	..	94	..	9	..	60
32	16	32	..	48	..	16	..	1	..	96	..	9	..	60
34	15	30	20 x 22	..	38	36	..	1	..	98	..	9	..	60
36	14	29	..	24	15	30	..	1	..	100	..	9	..	60
40	..	26	..	28	14	28	..	1	..	102	..	9	..	60
15 x 24	..	40	..	28	13	26	..	1	..	104	..	9	..	60
26	..	37	..	30	12	24	..	1	..	106	..	9	..	60

UNITED INCHES.

1st Break .....	to .....	25 inches .....	\$
2nd Break .....	..	26 to 40 inches .....	\$
3rd Break .....	..	41 to 50 inches .....	\$
4th Break .....	..	51 to 60 inches .....	\$
5th Break .....	..	61 to 70 inches .....	\$
6th Break .....	..	71 to 80 inches .....	\$
7th Break .....	..	81 to 85 inches .....	\$
8th Break .....	..	86 to 90 inches .....	\$
9th Break .....	..	91 to 95 inches .....	\$
10th Break .....	..	96 to 100 inches .....	\$
11th Break .....	..	101 to 105 inches .....	\$
12th Break .....	..	106 to 110 inches .....	\$
13th Break .....	..	111 to 115 inches .....	\$

4th quality in 50 and 100 feet boxes.

3rd quality in 100 feet boxes.

Colored, Figured Enamelled, and Polished Plate Glass.

4TH QUALITY SINGLE 50 feet. 3RD QUALITY HALF DOUBLE 100 feet. 100 feet.

Prices on application, either from stock or for importation.

Extra

Grey Centre

- 1-Stamped "EX"
- No. 7 .....
- No. 6 .....
- No. 5 .....
- No. 4 .....
- No. 3 .....
- No. 2 .....
- No. 1 .....
- No. 10 .....
- No. 20 .....
- No. 30 .....
- No. 40 .....
- No. 50 .....
- No. 60 .....
- No. 70 .....
- No. 80 .....

Extra Oval

Grey Centre

- 3-Stamped "EXT"
- No. 7 .....
- No. 6 .....
- No. 5 .....
- No. 4 .....
- No. 50 .....
- No. 60 .....
- No. 70 .....
- No. 80 .....
- No. 90 .....

Super O

Warranted all W

7-Stamped "EXT"

- No. 40 .....
- No. 50 .....
- No. 60 .....
- No. 70 .....
- No. 80 .....
- No. 90 .....

BRUSHES

NOTE.—All brushes marked "Net" are special and not subject to regular discount.

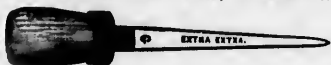
Extra Wire-Bound Paint Brushes



Grey Centre. Warranted all Russian Bristles.

1-Stamped "EXTRA G."	Per doz.
No. 7	\$ 1.25
No. 6	1.60
No. 5	2.30
No. 4	2.90
No. 3	3.35
No. 2	4.00
No. 1	4.80
No. 10	6.00
No. 20	7.70
No. 30	9.60
No. 40	11.80
No. 50	13.50
No. 60	16.00
No. 70	18.50
No. 80	22.00

Extra Oval Paint Brushes, Wire Bound



Grey Centre. Warranted all Russian Bristles.

3-Stamped "EXTRA G."	Per doz.
No. 7	\$ 1.40
No. 6	1.70
No. 5	2.40
No. 4	3.20
No. 3	3.80
No. 2	4.30
No. 1	5.10
No. 10	6.40
No. 20	7.80
No. 30	10.00
No. 40	11.90
No. 50	13.80
No. 60	16.50
No. 70	18.80
No. 80	21.60
No. 90	26.00

Super O. K. White Paint Brushes

Warranted all White Russian Bristles. A first-class Brush for Painters.

Round or Oval.

7-Stamped "EXT. O. K."	Per doz.
No. 40	\$ 17.50
No. 50	21.00
No. 60	25.00
No. 70	29.00
No. 80	32.70
No. 90	37.00

Oval Varnish Brushes—B



Warranted all White Russian Bristles. Wire Bound. Varnished Handles.

10-Stamped "B."	Per doz.
No. 7	\$ 2.10
No. 6	2.80
No. 5	3.50
No. 4	4.65
No. 3	5.70
No. 2	6.60
No. 1	7.80
No. 10	8.90
No. 20	10.00
No. 30	11.80
No. 40	13.40
No. 50	15.80
No. 60	17.60
No. 70	21.00
No. 80	26.30
No. 90	32.00

OVAL CHISELED VARNISH



PEARL

Oval Chisel Varnish Brushes

Half Elastic Bristles. For carriage, piano and all fine work.

11-Stamped "PEARL"	Per doz.
No. 7	\$ 5.00
No. 5	6.70
No. 3	8.40
No. 2	10.30
No. 1	12.20
No. 10	16.00
No. 20	19.30
No. 30	24.00
No. 40	27.70
No. 50	31.50
No. 60	34.00
No. 70	38.40

Size	Panes in Box
	50 100
x 36	12
38	11
40	11
44	10
46	9
48	9
50	8
54	8
60	7
x 36	11
38	11
40	10
42	10
44	9
46	9
48	8
50	8
52	8
54	7
56	7
58	7
60	7
x 41	9
x 40	9
42	9
44	8
46	8
48	8
50	7
54	7
60	6
64	6
66	5
70	5
72	5
x 48	7
50	7
50	6
60	5
48	6
54	6
56	5

3RD QUALITY  
HALF DOUBLE  
t. 100 feet.  
\$

ation, either  
importation.



BRUSHES

OVAL CHISEL VARNISH BRUSHES



Oval Chisel Varnish Brush

Brass Bound. Full Elastic Bristles. Solid throughout.  
An extra superior Finishing Brush.

<b>11-B</b> —Stamped "EMPRESS"	Per doz.
No. 1	\$ 15.00
No. 1/0	18.80
No. 2/0	22.00
No. 3/0	27.60
No. 4/0	32.50
No. 5/0	35.00
No. 6/0	40.00
No. 7/0	43.00

Glue Brushes



Copper Bound. Round or Oval.

<b>12</b>	Per doz.
No. 1	\$ 2.60
No. 3	4.00
No. 5	5.50
No. 7	7.80
No. 9	9.80

Flat Glue Brushes

<b>13</b>	Per doz.
1 inch	\$ 2.60
1½ inch	3.50
2 inch	4.40
2½ inch	5.70
3 inch	6.60

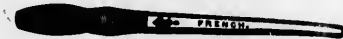
Stencil Brushes



Metal Bound.

<b>14</b>	Per doz.
No. 1	\$ 1.80
No. 3	2.60
No. 5	4.00
No. 7	6.10
No. 9	9.00
No. 11	12.00
No. 13	14.00
No. 15	16.00

SASH TOOLS



Patent Wire-Bound Sash Tools

Extra.

<b>16</b>	Per doz.
No. 1	\$ 0.95
No. 2	1.20
No. 3	1.60
No. 4	1.95
No. 5	2.30
No. 6	2.80
No. 7	3.60
No. 8	4.25
No. 9	5.20
No. 10	5.90

Round or Flat Tin-Bound Sash Tools

<b>17</b>	Per doz.
No. 1	\$ 0.90
No. 2	1.10
No. 3	1.35
No. 4	1.60
No. 5	1.75
No. 6	2.60
No. 7	3.20
No. 8	3.90
No. 9	4.60
No. 10	5.50

State when ordering whether Round or Flat.

Gloss Sash Tools



Chisel Pointed. Round or Flat.

Finest French Bristles. Brass Bound.

<b>18</b> —Stamped "SUPER."	Per doz.
No. 3	\$ 2.20
No. 4	2.50
No. 5	3.20
No. 6	3.70
No. 7	4.50
No. 8	5.10
No. 9	6.00
No. 10	6.60

Flat Varnish Brushes



<b>19</b>	Per doz.
1 inch	\$ 1.90
1½ inch	2.80
2 inch	3.50
2½ inch	4.50
3 inch	5.50

Flat C



<b>21</b> —Stamped "X."
1 inch
1½ inch
2 inch
2½ inch
3 inch

Flat Chisel V  
Half Elast

<b>22</b> —Stamped "XX"
1 inch
1½ inch
2 inch
2½ inch
3 inch

Flat Chisel

Brass  
Super Gloss,

<b>22-A</b> —Stamped "XX"
1½ inch
2 inch
2½ inch
3 inch
3½ inch
4 inch

Th  
Flat C

Made of M  
Single Th

<b>23</b> —Stamped "X."
1 inch
1½ inch
2 inch
2½ inch
3 inch

China  
Doub

<b>23-A</b>
1 inch
1½ inch
2 inch
2½ inch
3 inch

BRUSHES

Flat Chisel Varnish Brushes



Polished Handles.

<b>21</b> —Stamped "X."	Per doz.
1 inch.....	\$3.75
1½ inch.....	5.80
2 inch.....	6.90
2½ inch.....	9.30
3 inch.....	12.00

Flat Chisel Varnish—Extra Double Thick

Half Elastic Bristles. Polished Handles.  
Brass Bound.

<b>22</b> —Stamped "XX"	Per doz.
1 inch.....	\$4.80
1½ inch.....	7.00
2 inch.....	10.00
2½ inch.....	13.00
3 inch.....	16.50

Flat Chisel Varnish—Extra Triple Thick

Brass Bound, Polished Handles.

Super Gloss, Full Elastic Finishing Brush.

<b>22-A</b> —Stamped "XXX."	Per doz.
1½ inch.....	\$10.00
2 inch.....	13.30
2½ inch.....	16.80
3 inch.....	20.00
3½ inch.....	25.00
4 inch.....	30.00

The China or Black

Flat Chisel Varnish Brushes

Made of Best Black Chinese Bristles.

Single Thick. Tin Bound. Lacquered.

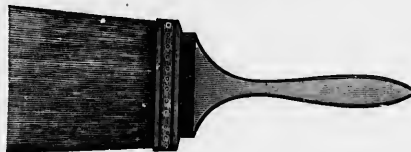
<b>23</b> —Stamped "X."	Per doz.
1 inch.....	\$2.80
1½ inch.....	4.00
2 inch.....	5.20
2½ inch.....	7.00
3 inch.....	9.40

China Flat Chisel Varnish

Double Thick. Brass Bound.

<b>23-A</b>	Per doz.
1 inch.....	\$3.60
1½ inch.....	5.40
2 inch.....	7.40
2½ inch.....	9.80
3 inch.....	12.60

Flat Paint or Wall Brush



The Daisy

Narrow Lacquered Ferrules. Varnished Handles.

<b>26-J</b> —Stamped "DAISY." All White Hair.	Per doz.
2½ inch.....	\$4.60
3 inch.....	5.50
3½ inch.....	6.60

The Crown

Lacquered Ferrules. Varnished Handles.

<b>26-K</b> —Stamped "Crown." All White Hair.	Per doz.
2½ inch.....	\$3.70
3 inch.....	4.80
3½ inch.....	6.00

The Universal

Flat Paint, Paste or Wall Brush

Leather Bound. Grey Centre. Warranted all Bristles.

2/O

<b>26-A</b> —Stamped "UNIVERSAL 2/O."	2½ inch.	3 inch.	3½ inch.	4 inch.
	\$5.10	6.00	7.00	8.20

X.

<b>26-B</b> —Stamped "UNIVERSAL X."	3 inch.	3½ inch.	4 inch.
	\$7.50	8.70	10.40

XX.

<b>26-A</b> —Stamped "UNIVERSAL XX."	3 inch.	3½ inch.	4 inch.	5 inch.
	\$9.00	11.00	13.00	16.00

XXX.

<b>26-B</b> —Stamped "UNIVERSAL XXX."	3 inch.	3½ inch.	4 inch.	5 inch.
	\$14.00	16.00	18.00	22.00

XXXX.

<b>26-D</b> —Stamped "UNIVERSAL XXXX."	3 inch.	3½ inch.	4 inch.	5 inch.
	\$18.00	21.50	24.00	28.00

## BRUSHES

## Flat Paint or Wall Brushes—Extra



Leather and Brass Bound. Warranted all White Bristles.

2 O.

25-E—Stamped "PEARL 2 O."	Per doz.
2½ inch .....	\$ 6.40
3 inch .....	7.50
3½ inch .....	8.70
4 inch .....	10.00

XX.

25-A—Stamped "PEARL XX."	Per doz.
3 inch .....	\$10.80
3½ inch .....	13.50
4 inch .....	15.40
5 inch .....	19.00

XXXX.

25-C—Stamped "PEARL XXXX."	Per doz.
3 inch .....	\$21.00
3½ inch .....	24.50
4 inch .....	28.00
5 inch .....	33.00

## Flat Paint or Wall Brush



Metal Bound. Extra. Grey Centre. Warranted all Bristles.

3 O.

28—Stamped "PRIZE 3 O."	Per doz.
2½ inch .....	\$ 7.60
3 inch .....	9.00
3½ inch .....	10.00
4 inch .....	11.60

X.

28-A—Stamped "PRIZE X."	Per doz.
2½ inch .....	\$ 9.60
3 inch .....	12.60
3½ inch .....	14.50
4 inch .....	15.80
5 inch .....	19.50

XX.

## Extra Heavy.

28-B—Stamped "PRIZE XX."	Per doz.
3 inch .....	\$16.00
3½ inch .....	18.00
4 inch .....	21.00
5 inch .....	24.60

The Super  
Flat Paint or Wall Brush

Metal Bound. Extra Heavy. Warranted all White Bristles.

3 O.

27—Stamped "SUPER 3 O."	Per doz.
2½ inch .....	\$ 8.50
3 inch .....	10.50
3½ inch .....	11.50
4 inch .....	12.50

XX.

27-B—Stamped "SUPER XX."	Per doz.
3 inch .....	\$18.00
3½ inch .....	20.50
4 inch .....	23.00
5 inch .....	28.50

XXXX.

## Very Long and Heavy.

27-D—Stamped "SUPER XXXX."	Per doz.
3 inch .....	\$30.00
3½ inch .....	33.50
4 inch .....	37.00
5 inch .....	44.00

## Whitewash Brushes or Heads



## No. 1 FIBRE.

34—Stamped "No 1"	Per doz.
5 inch .....	\$ 2.20
6 inch .....	2.40
7 inch .....	2.80
8 inch .....	3.40
9 inch .....	4.00

## No. 1/O STAR.

34-A—Stamped "1-STAR-O."	Per doz.
5 inch .....	\$ 2.50
6 inch .....	3.15
7 inch .....	3.75
8 inch .....	4.30
9 inch .....	5.00

## No. 2/O STAR.

35—Stamped "2-STAR-O."	Per doz.
6 inch .....	\$ 3.70
7 inch .....	4.55
8 inch .....	6.00
9 inch .....	7.30

State when ordering whether Brushes or Heads are required.

Extra Extra



For P

39  
6 inch .....

41  
7 inch .....

42  
8 inch .....

40  
8 inch .....

43  
8 inch .....

KAL



53  
5 inch .....

BRUSHES

Extra Extra Whitewash Heads or Brushes



All Russian Bristles.  
For Plasterers and Whitewashers.  
No. 4/O.

	Grey Centre, Brass Bound, Stamped Extra.	All White Bristle, Brass Bound, Stamped Super.
	Per doz.	Per doz.
39		
6 inch	\$11.00	\$14.00
7 inch	14.00	17.00
8 inch	17.50	21.00
9 inch	22.00	26.00

No. 6/O.

	Grey Centre, Brass Bound, Stamped Extra.	All White Bristle, Brass Bound, Stamped Super.
	Per doz.	Per doz.
41		
7 inch	\$22.50	\$28.00
8 inch	26.50	33.50
9 inch	30.50	36.20

No. 8/O.

	Per doz.	Per doz.
42		
8 inch	\$41.50	\$49.50
9 inch	47.20	59.70

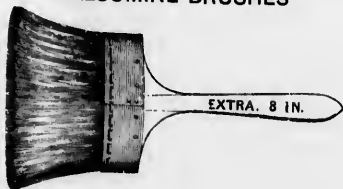
No. 9/O.

	Per doz.	Per doz.
40		
8 inch	\$50.60	\$60.00
9 inch	58.00	75.50

No. 10/O.

	Per doz.	Per doz.
43		
8 inch	\$39.20	\$75.20
9 inch	67.20	81.80

KALSOMINE BRUSHES



C. Quality

2/O SUN.

	Per doz.	Per doz.
29-B		
Stamped "2/O SUN."		
5 inch	\$6.00	
6 inch	7.00	
7 inch	8.00	
8 inch	9.00	

KALSOMINE BRUSHES

C. Quality

No. 3/O.

All White. Mixed Centre.

	Per doz.
29—Stamped "3/O SUN."	
6 inch	\$ 8.50
7 inch	10.00
8 inch	11.50

5/O STAR.

All White. Mixed Centre. Extra Long.

	Per doz.
29-A—Stamped "5/O STAR"	
6 inch	\$10.80
7 inch	13.80
8 inch	17.00

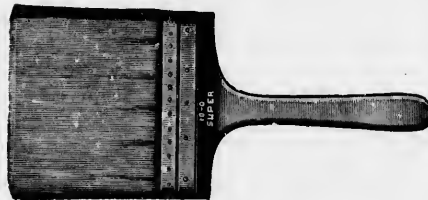
Extra Quality. All Hair.

EXTRA 4/O.

All White Hair.

	Per doz.
30—Stamped "EXTRA 4/O."	
6 inch	\$17.50
7 inch	20.50
8 inch	23.50

Superior Quality—Kalsomine.



Warranted all White Bristles. Extra Russian Stock.

SUPER 4/O.

	Per doz.
31-A—Stamped "4/O SUPER"	
6 inch	\$21.00
7 inch	25.00
8 inch	29.70

SUPER 5/O.

Or 4 1/2—OK.

	Per doz.
31—Stamped "5/O SUPER"	
6 inch	\$25.00
7 inch	31.00
8 inch	36.50

SUPER 6/O.

Or 6 1/2—X.

	Per doz.
32-A—Stamped "6/O SUPER"	
6 inch	\$32.00
7 inch	39.50
8 inch	39.50

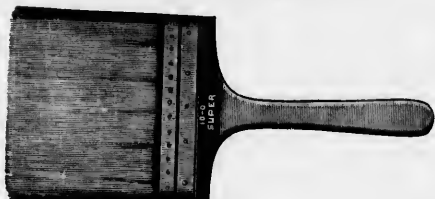
SUPER 7/O.

Or 6 1/2—OK.

	Per doz.
32—Stamped "7/O SUPER"	
6 inch	\$30.00
7 inch	41.00
8 inch	48.50

BRUSHES

Superior Quality—Kalsomine



SUPER 8 O,  
Or 8 o-X.

<b>33-A</b> —Stamped "8 O SUPER,"	Per doz.
6 inch.....	\$ 40.00
7 inch.....	45.60
8 inch.....	51.50

SUPER 9 O,  
Or 8 o-OK.

<b>33-B</b> —Stamped "9 O SUPER,"	Per doz.
7 inch.....	\$ 50.00
8 inch.....	56.60

Extra Super Gloss

10 O,  
Or 10 o-X.

Extra Long Russian Bristles.

<b>33-C</b> —Stamped "10 O EXT. SUPER,"	Thick.	Extra Thick.
7 inch.....	\$54.80	\$68.50
8 inch.....	62.00	77.50

11 O,  
Or 11 o-OK.

Extra Long Russian Bristles—Heavy.

<b>33</b> —"Stamped 11 O EXT. SUPER,"	Thick.	Extra Thick.
7 inch.....	\$63.00	\$79.00
8 inch.....	72.00	90.00

12 O,  
Or 12 o-X.

Extra Extra Long Russian Bristles—Extra Heavy.

<b>33-E</b> —Stamped "12 O EXT. SUPER,"	Thick.	Extra Thick.
7 inch.....	\$71.00	\$88.00
8 inch.....	85.00	107.00

13 O,  
Or 12 o-OK.

Extra Extra Long Russian Bristles—Very Heavy.

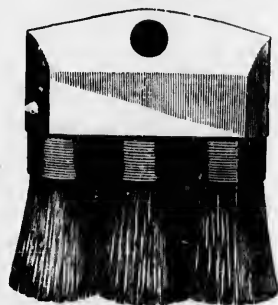
<b>33-D</b> —Stamped "13 O EXT. SUPER,"	Thick.	Extra Thick.
7 inch.....	\$82.50	\$105.00
8 inch.....	96.00	124.00

Tar Brushes



<b>45</b>	Per doz.
No. 0, Mixed Hair.....	\$ 5.00
No. 1, Mixed Hair.....	8.00
No. 2, Mixed Hair.....	12.00
Long Handles, \$1.80 per dozen extra.	

Roofing Brushes



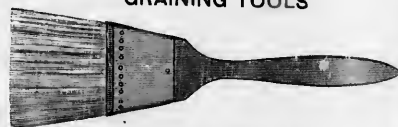
For Painting or Tarring Roofs, with Long or Short Handles.

All Grey.

<b>44</b>	Per doz.
2 Knots, Mixed.....	\$ 20.00
3 Knots, Mixed.....	24.00
4 Knots, Mixed.....	28.00
2 Knots, Extra.....	24.00
3 Knots, Extra.....	28.00
4 Knots, Extra.....	32.00

State when ordering whether to be used as heads or with short handle same as paint brush.

GRAINING TOOLS



Fan or Top Grainer

All White Stiff Bristles.  
In Th.

<b>46</b>	Per doz.
2½ inch.....	\$ 6.00
3 inch.....	7.50
3½ inch.....	9.00
4 inch.....	10.50

Walnut Grainers or Stiplers



Long Stiff Grey Russian Bristles.

<b>46-A</b>	Per doz.
3 inch.....	\$ 14.50
4 inch.....	18.00
5 inch.....	23.00

Graining Combs

Best Quality Steel, In sets.....Per set \$1.55

96

- No. 3, Oval
- No. 4, Oval
- No. 5, Oval
- No. 6, Oval
- No. 7, Oval
- No. 8, Oval
- No. 30, Oblong
- No. 40, Oblong
- No. 50, Oblong
- No. 60, Oblong
- No. 70, Oblong

Oval

96-A

- No. 0.....
- No. 1.....
- No. 2.....

Top

97

- No. 0.....
- No. 1.....
- No. 2.....
- No. 3.....
- No. 4.....
- No. 5, Varnish
- No. 6, Extra V
- No. 7, Extra V
- No. 8, Extra V
- No. 9, Extra V
- No. 1, Army, T
- No. 2, Army, T
- No. 3, Army, T

English

Hard Brush for M  
Polishing

98

- No. 5.....
- No. 6.....
- No. 7.....
- No. 8.....
- No. 10.....

Please state in order  
Cardboard cases for  
pe

BRUSHES

SHOE BRUSHES



Oval Shoe Brushes  
Handled.

	Per doz.
96 No. 3, Oval Pattern	\$ 3.00
No. 4, Oval Pattern	3.50
No. 5, Oval Pattern	4.30
No. 6, Oval Pattern, Roached Face	6.00
No. 7, Oval Pattern, Roached Face	7.40
No. 8, Oval Pattern, Roached Face	9.00
No. 30, Oblong Pattern	2.90
No. 40, Oblong Pattern	3.50
No. 50, Oblong Pattern	4.00
No. 60, Oblong Pattern	5.40
No. 70, Oblong Pattern	7.80

Oval T. K. Handled Shoe

	Per doz.
96-A No. 0	\$ 1.00
No. 1	2.20
No. 2	2.50

Top Knot Shoe Brushes



	Per doz.
87 No. 0	\$ 1.30
No. 1	1.50
No. 2	1.70
No. 3	2.00
No. 4	2.50
No. 5, Varnished	3.50
No. 6, Extra Varnished, all Bristle	4.30
No. 7, Extra Varnished, all Bristle	5.30
No. 8, Extra Varnished, Roached Face	6.60
No. 9, Extra Varnished, Roached Face	8.00
No. 1, Army, T. K., mixed	2.80
No. 2, Army, T. K., all Bristles	3.30
No. 3, Army, T. K., all Bristles	3.80

English Roached Shoe Brushes

Hard Brush for Mud—Soft for Blacking—Medium for Polishing, Hard, Soft or Medium.

	Per doz.
98 No. 5	\$ 5.60
No. 6	6.80
No. 7	8.40
No. 8	10.00
No. 10	11.50

Please state in ordering whether Hard, Soft or Medium.  
Cardboard cases for above, one set to each case, \$1.00 per dozen, list extra.

CASED SHOE OR TRAVELLING COMPANION

A Small Polishing Brush, Mud Brush, Dauber and Box of Blacking in a neat Case.

	Cardboard Case Per doz.	Leather Case Per doz.
98-A No. 1, Small, Mixed	\$ 6.00	
No. 2, Small, all Bristles	7.00	\$ 18.00
No. 3, Large, Extra Quality, all Bristles	8.80	22.50

Shoe Daubers



For Shoe Blacking, etc.

	Per doz.
98-B No. 0, Fibre	\$1.30
No. 1, Mixed Hair	1.60
No. 2, All Hair	2.40
No. 3, All Hair, Solid	2.40
No. 4, Double Mud Brush and Dauber	4.30

Round Oil Brushes



For putting on Stove Polish, etc.

	Per doz.
100 No. 0	\$1.20
No. 1	1.60
No. 2	2.20
No. 3	2.65

Plate Brushes



	Per doz.
117	
2 Row	Plain \$2.50, Bent \$2.70
3 Row	3.20 3.60
4 Row	3.80 4.40
5 Row	4.40 5.00
6 Row	5.00 5.50

Jewellers' Plate Brushes

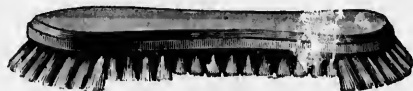
An Extra Soft Plate Brush for finishing, Straight only—same price as above.

Table or Crumb Brushes



	Plain	NET. Gilt.
124 No. 0, Mixed White		\$ 4.00
No. 1, All White Bristles	\$ 4.70	5.40
No. 2, All White Bristles	6.50	7.50
No. 3, All White Bristles	8.00	9.50
Crumb Brushes, Gilt, with Crumb Trays to match, per dozen		7.70
Crumb Tray		3.00

## SCRUBBING BRUSHES



## Bristle Scrubbing Brushes

Grey Bristles.

Ext. Solid Back, Varnished.

83	4-X, Mixed Bristles, Single Wing.....	Per doz.	\$ 5.50
	5-X, Mixed Bristles, Single Wing.....		7.20
	6-X, Mixed Bristles, Double Wing.....		6.60
	7-X, Mixed Bristles, Double Wing.....		8.00
	8-X, All Pure Bristles, Double Wing.....		9.00

All White Bristles.

Ext. Solid Back, Varnished

84	4-X, Mixed Bristles, Single Wing.....	Per doz.	\$ 6.30
	5-X, Mixed Bristles, Single Wing.....		7.90
	6-X, Mixed Bristles, Double Wing.....		7.40
	7-X, Mixed Bristles, Double Wing.....		8.90
	8-X, All Pure Bristles, Double Wing.....		10.00

## White Fibre Scrubbing Brushes

Single Wing.

85	No. 0.....	Per doz.	\$ 1.50
	No. 1.....		1.00
	No. 2.....		2.40
	No. 3, Solid Back, Varnished.....		3.90

## White Fibre Scrubbing Brushes

Double Wing.

86	No. 1.....	Per doz.	\$ 2.40
	No. 2.....		3.00
	No. 3, Small Solid Back, Varnished.....		3.90
	No. 4, Extra Solid Back, Varnished.....		4.20
	No. 8, Extra Cushion Back, Varnished.....		4.00

## Bass Scrubs

90	No. 0, Single Wing.....	Per doz.	\$ 2.00
	No. 1, Single Wing.....		2.60
	No. 2, Single Wing, Solid Back, Varnished.....		3.30
	No. 2-X, Double Wing, Plain Back.....		3.30
	No. 3, Small Double Wing, Solid Back, Varnish'd.....		3.50
	No. 3-X, Double Wing, Solid Back, Varnished.....		4.20
	No. 4-P, Double Wing, Solid Back, Varnished.....		4.70
	No. 8, Double Wing, Cushion Back, Varnished.....		4.20

## Cocoa Scrubs

91	No. 2, Single Wing.....	Per doz.	\$ 3.00
	No. 3, Single Wing, Solid Back, Varnished.....		4.00
	No. 4, Double Winged, Varnished.....		5.00

## French Whisk Scrubs

92	No. 0, Single Wing.....	Per doz.	\$ 2.20
	No. 1, Single Wing.....		2.60
	No. 2, Single Wing, Solid Back, Varnished.....		3.30
	No. 2-X, Double Wing, Plain Back.....		3.30
	No. 3, Small Double Wing, Solid Back, Varnish'd.....		3.40
	No. 3-X, Double Wing, Solid Back, Varnished.....		4.00
	No. 4-X, Double Wing, Solid Back, Varnished.....		4.50
	No. 8, Double Wing, Cushion Back, Varnished.....		3.80

## BRUSHES

## COMMON CORN SCRUBS

Made of Broom Corn Clippings.

93	No. 1.....	Per doz.	\$ 1.40
	No. 2.....		1.60
	No. 3.....		2.20
	No. 4, Broom Corn and Whisk Mixed.....		2.30

## Deck Scrubs

94	No. 1, Bass or Fibre, Pointed End, no Wings.....	Per doz.	\$ 4.30
	No. 2, Bass or Fibre, Square End, 2 Wings.....		6.60
	No. 3, Grey Fibre, Square End, no Wings, Post Large.....		8.40
	No. 4, Mixed Bristles, Square End, 2 Wings.....		12.00

Rubber Squeegee attached to above, \$2.40; list extra.

## Milk Can Scrubbers

95	No. 1, All White Fibre.....	Per doz.	\$ 2.10
	No. 2, All Grey Fibre.....		2.50
	No. 3, French Whisk.....		2.50

## Stove Brushes—Straight



99	No. 1, Single Wing.....	Per doz.	\$ 1.90
	No. 2, Single Wing.....		2.50
	No. 3, Single Wing.....		2.90
	No. 4, Double Wing.....		3.40
	No. 5, Double Wing, Mixed Hair, Varnished Back.....		3.50
	No. 6, Single Wing, all Bristle, Varnished Back.....		6.80
	No. 8, Single Wing, all Bristle, Small, Varnished Back.....		5.40
	No. 10, Single Wing, Mixed Hair.....		4.25
	No. 18, Single Wing, Mixed Hair.....		3.50
	No. 14, Double Wing, very Large and Heavy.....		3.20
	No. 15.....		4.20
	No. 17, Single Wing, Mixed Hair.....		4.20
	No. 2, Oval Stove, Reached Face.....		4.80

## Stove Brushes—Bent



99-A	No. 12, No Wings, Mixed Stock, Varnished.....	Per doz.	\$ 3.40
	No. 13, No Wings, Mixed Stock, Varnished.....		4.00
	No. 22, Double Wings, Mixed Hair, Varnished.....		4.20
	No. 20, No Wings, Mixed Hair.....		4.20
	No. 28, No Wings, Mixed Hair, Varnish'd.....		5.20
	No. 16, No Wings, all Bristles, Varnish'd.....		6.30
	No. 25, No Wings, Mixed Bristles, Varnish'd.....		6.30
	No. 29, Double Wings, all Bristles, Varnish'd.....		6.40
	No. 27, Double Wings, all Bristles, Varnish'd.....		6.00
	No. 7, Double Wings, all Bristles, Extra Varnish'd.....		8.00
	No. 2, Reg. Wings, all Bristles, Extra Varnish'd.....		6.00
	No. 3, Reg. Wings, all Bristles, Extra Varnish'd.....		8.00



64  
10 1/2 inch.....  
11 inch.....  
11 1/2 inch.....  
12 inch.....  
12 1/2 inch.....  
13 inch.....  
13 inch, Extra.....  
15 inch, Extra.....  
P.G., Extra Pa.....  
C, 11 1/2 inch C.....  
C, 12 1/2 inch C.....  
Handles for all.....  
Handles for all.....



Pa.....  
Polished.....  
X Quality Mixed.....  
ST.....  
11 inch.....  
12 inch.....  
15 inch.....



Dusters.....  
Varnished Handle.....  
66  
No. 0.....  
No. 1.....  
No. 2.....  
No. 3.....  
No. 4.....  
No. 5.....  
No. 6.....  
Varnished and Stain.....  
No. 30.....  
No. 40.....  
No. 50.....  
Varnished and Sta.....  
No. 60.....  
No. 70.....  
No. 80.....

SCRUBS

Clippings. Per doz. \$ 1.40  
 1.60  
 2.00  
 2.50

Mixed. Per doz. 2.50

End, no Wings, 8 4.30  
 End, 2 Wings, 6.60  
 no Wings, 8.80  
 End, 2 Wings, 12.00

ve, \$2.40; list extra

bers Per doz. \$ 2.00  
 2.50  
 2.50

straight

Per doz. \$ 1.50  
 2.50  
 2.50  
 3.40

ir, Varnished 5.50  
 e, Varnished 6.50  
 Small, Var. 5.50  
 4.25  
 3.50  
 3.20  
 4.20  
 4.20  
 4.00  
 4.90

Bent

Varnished... \$ 3.40  
 Varnished... 4.40  
 ir, Varnished 4.20  
 4.20  
 5.20  
 6.30  
 Varnished 6.30  
 s, Varnished 6.40  
 s, Varnished 6.00  
 s, 8 1/2" Var. 8.50  
 s, Varnished 6.00  
 s, Varnished 8.00

BRUSHES

HAIR BROOMS



Hair Brooms

64	10 1/2 inch.....	Per doz.	\$12.00
	11 inch.....		14.50
	11 1/2 inch.....		16.80
	12 inch.....		20.00
	12 1/2 inch.....		25.50
	13 inch.....		30.00
	13 inch, Extra Heavy.....		36.00
	15 inch, Extra Heavy.....		40.00
	F.G., Extra Fancy Gilt.....		36.00
	C, 11 1/2 inch Carpet, short and stiff.....		14.00
	C, 12 1/2 inch Carpet, short and stiff.....		22.00
	Handles for above, 4 1/2 feet, Varnished.....		free
	Handles for above, 6 feet, Varnished.....		.30

Parlor Hair Brooms



Polished Cherry Head and Handle,  
 X Quality Mixed Centre. XX Quality all Bristles.  
 Short Hair all Black.

		Per doz.	X	XX
11 inch.....		\$18.00	\$24.00	4.00
12 inch.....		22.00	28.00	
13 inch.....		26.00	32.00	

DUSTERS



Dusters or Bannister Brushes

Varnished Handles, Mixed Grey, Black and White.

66	No. 0.....	Per doz.	\$ 4.00
	No. 1.....		4.25
	No. 2.....		5.30
	No. 3.....		6.40
	No. 4.....		8.10
	No. 5.....		9.50
	No. 6.....		11.00

Varnished and Stained Handles, Mixed White Bristles.

	No. 30.....	\$ 7.40
	No. 40.....	9.70
	No. 50.....	11.80

Varnished and Stained Handles, all White Bristles.

	No. 60.....	\$ 9.00
	No. 70.....	11.20
	No. 80.....	13.40

FANCY DUSTERS

Gilt Handles.

67	No. 4.....	Per doz.	\$ 8.00
	No. 5.....		10.00
	No. 6.....		12.30
	No. 7, All White Hair.....		14.50

Patent Wire-Drawn Dusters

All Hair. Every knot wired.

67-B	No. 13, All Black Hair.....	Per doz.	\$ 8.50
	No. 14, All Black Hair.....		9.60
	No. 15, All Black Hair.....		10.70
	No. 23, All White Hair.....		10.00
	No. 24, All White Hair.....		11.50
	No. 25, All White Hair.....		15.00

Double Dusters



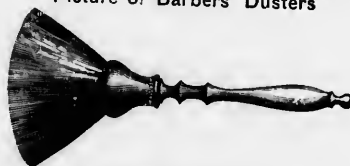
68	No. 3, Varnished Handle.....	Per doz.	\$ 9.60
	No. 4, Japanned Handle.....		11.50
	No. 5, Japanned Handle.....		13.40
	No. 6, Stained and Polished—All White.....		15.30

French Whisk or Corn Duster

For Stair Carpet, etc.

66-A	No. 2, Medium.....	Per doz.	\$ 6.00
	No. 3, Large.....		8.00

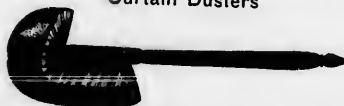
Picture or Barbers' Dusters



73	No. 1.....	Per doz.	\$ 7.50
	No. 2.....		9.50
	No. 3.....		12.00

Picture Dusters have Fancy Gilt Handles.  
 Barbers' Dusters have Short Polished Handles.

Curtain Dusters



71	Handles 3/4 feet long.		
	No. 1, All Bristles.....	Per doz.	\$ 9.50
	No. 3, All White Bristles.....		15.00



BRUSHES

Hearth Brooms



69		Per doz.
No. 1, Japanned	.....	\$ 6.50
No. 2, Japanned	.....	8.20
No. 3, Japanned and Gilt	.....	9.80
No. 4, Japanned and Gilt, all Black Hair	.....	12.00
No. 5, Japanned and Gilt, all White Hair	.....	15.00
No. 6, Polished Cherry Handles, all White Hair	.....	14.50
No. 7, Polished Cherry Handles, Mixed Hair	.....	10.50

Furniture or Plush Dusters



71		Per doz.
No. 1, Plush Dusters, Mixed	.....	\$ 7.50
No. 2, Plush Dusters, Bristle	.....	10.00

Turk Heads



70		For Dusting Cornices, Ceilings and Walls.	Per doz.
10 inch	.....		\$ 18.00
11 inch	.....		21.00
No. 3	.....		16.00
12 feet Handles for above, extra,		\$1.20 per doz. net.	
6 feet Handles for above, extra,		60 per doz. net.	

Window Brushes



72		Drawn and Set.	Per doz.	
No. 0, Set, Mixed Fibre	.....		\$ 4.50	
No. 1, Set, Mixed Hair	.....		6.50	
No. 2, Set, Mixed Hair	.....		10.50	
No. 0, Drawn, Mixed Fibre	.....		4.50	
No. 4, Drawn, Mixed Hair	.....		7.00	
No. 5, Drawn, Mixed Hair	.....		11.40	
	6 ft.	8 ft.	10 ft.	12 ft.
Handles for above,	\$0.60	.80	1.00	1.20

Rubber Window Wipers

72-A		Per doz.
No. 1	.....	8 3/4
No. 2	.....	4 00
No. 3 Combination Brush and Wiper	.....	9 00

Lamp Chimney Cleaners



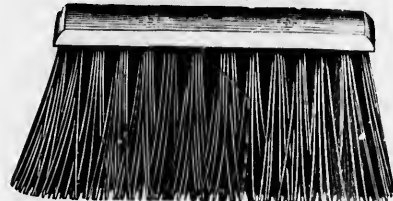
75		Per doz.
No. 1, Small, all Grey, Mixed	.....	\$ 1.20
No. 2, Medium, all Grey, Mixed	.....	2 00
No. 3, Large, all Grey Bristles	.....	3 00

Bottle Brushes

Long Wire Handle.

76		Per doz.
For Pints, Grey Stiff Bristles	.....	\$ 4.00
For Quarts, Grey Stiff Bristles	.....	5.00
For Vials, 1 to 4 oz., White Bristles	.....	1.20
For Vials, 4 to 16 oz., White Bristles	.....	2.00

BROOMS FOR STABLES, YARDS, BREWERIES, ETC.



Bass Brooms

Set in Cement. For Yards and Stables.

77		Per doz.
No. 2	.....	\$ 7.50
No. 3	.....	9.00
No. 4	.....	11.00
No. 5	.....	13.00
No. 6, extra	.....	17.00

"Patent" Bass Brooms

A Strong and Stiff Material. Good Substitute for Bass.

77-A		Per doz.
No. 2	.....	\$ 6.50
No. 3	.....	8.00
No. 4	.....	9.50
No. 5	.....	11.00
No. 6	.....	14.00

Brewers' Bass Brooms

Fastened with Copper Wire. For use on Wet Floors.

78		Per doz.
No. 2	.....	\$ 7.50
No. 3	.....	9.50
No. 4	.....	12.00
No. 5	.....	15.00

Rattan or Cane Brooms

Set with Best Rattan. For Gravel Paths, Crossings, etc.

78-B		Per doz.
No. 3	.....	\$ 3.00
No. 4	.....	4.00
No. 5	.....	5.00
No. 6	.....	6.00

Split Cane Stable Brooms at same price as Rattan Brooms

104  
No. 1, Flat  
No. 2, Flat  
No. 3, Flat  
No. 4, Round  
No. 5, Round  
No. 6, Round  
No. 7, Round  
No. 8, Round  
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No. 100, Round

HORSE BRUSHES



Horse Brushes

No.	Description	Per doz.
No. 1.	Flat Faced	\$ 3.00
No. 2.	Flat Faced	4.20
No. 3.	Flat Faced	4.80
No. 4.	Round Faced	5.50
No. 5.	Round Faced	6.30
No. 6.	Round Faced	7.00
No. 7.	Round Faced	9.40
No. 8.	Round Faced, Polished Backs	11.00
No. 9.	Round Faced, Polished Backs	13.40
No. 10.	Round Faced, Polished Backs	15.80
No. 11.	Round Faced, Polished Backs	19.50
No. 12.	Round Faced, all Bristle, Polished Backs	25.00
No. 13.	Round Faced, all Bristle, Polished Backs	29.00
No. 14.	Round Faced, all Yellow Bristle, Polished Backs	34.00
No. 15.	Round Faced, all White Bristle, Polished Backs	43.00
No. 16.	Round Faced, all White Bristle, Polished Backs	35.00
No. 17.	Round Faced, all White Bristle, Polished Backs	20.00
No. 18.	Round Faced, all Black Bristle, Polished Backs	26.00
No. 19.	Round Faced, all Yellow Bristle, Polished Backs	30.00
No. 30.	Pony Horse, Mixed	6.35

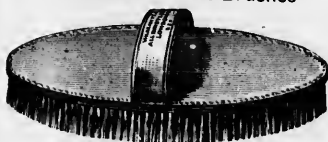
Whisk Horse Brushes

No. 0.	Daisy	\$ 4.40
No. 1.	Flat Faced	5.30
No. 3.	Round Faced	7.00

Kittool Horse Brushes

No. 0.	Daisy	\$ 5.00
No. 1.	Flat Faced	6.60
No. 3.	Round Faced	8.50

Leather Back Horse Brushes



No.	Description	Per doz.
No. 4.	Grey and White Mixed	\$ 5.30
No. 5.	Grey and White Mixed	7.00
No. 7.	Yellow and White Mixed	8.40
No. 8.	Grey and White Mixed	10.00
No. 10.	Grey and White Mixed	12.00
No. 11.	Black and White Mixed	12.00
No. 12.	Black and White Mixed	14.80
No. 20.	Yellow Mixed Bristles	17.00
No. 21.	Yellow Mixed Bristles	15.00
No. 13.	Grey and White, all Bristles	27.70
No. 16.	Grey and White, all Bristles	23.40
No. 23.	Black and White, all Bristles	23.40
No. 200.	Black and White, all Bristles	20.00
No. 15.	Yellow and White, all Bristles	45.00
No. 500.	Yellow and White, all Bristles	35.00
No. 100.	White, all Bristles	16.00
No. 17.	White, all Bristles	20.00
No. 18.	White, all Bristles	24.00
No. 39.	White, all Bristles	32.00
No. 39.	White, all Bristles	40.00
No. 48.	White, all Bristles	50.00

BRUSHES

DANDY BRUSHES



All French Whisk.

No.	Description	Per doz.
No. 1.	Flat Faced	\$2.80
No. 1x.	Flat Faced	3.10
No. 2.	Flat Faced	3.60
No. 2x.	Roached Faced	4.20
No. 3.	Roached Faced	5.30
No. 25.	Roached Faced	6.40
No. 4.	Roached Faced	7.30
No. 5.	Roached Faced, Extra, Large Size	8.00
No. 60.	Roached Faced, Extra, Large Size	9.00
No. 70.	Roached Faced, Extra, Small Size	7.50
No. 75.	Roached Faced, Extra, Medium Size	9.00
No. 80.	Roached Faced, Extra, Extra Large Size	10.00
No. 0.	Square, Handled	3.00

French Whisk, Kittool Edge.

No. 22.	Roached Faced	4.70
No. 33.	Roached Faced	6.40
No. 44.	Roached Faced	7.80
No. 55.	Roached Faced	9.50

All Oiled Kittool.

N 67.	Roached Face	5.20
N 65.	Roached Face	7.00
No. 64.	Roached Face	8.40
No. 63.	Roached Face, Extra	10.00
No. 62.	Roached Face, Extra	11.50
No. 66.	Square, Handled	4.20

Compo Brushes

For Blacking Harness, etc.

No.	Description	Per doz.
No. 2.	Mixed Bristles	\$0.00
No. 3.	All Bristles	8.00
No. 4.	All Extra Bristles, Small	7.00

Water Brushes, Hair



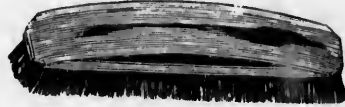
No.	Description	Per doz.
No. 1.	Mixed Bristles, all Yellow	\$ 8.00
No. 2.	Mixed Bristles, all Yellow	12.00
No. 3.	All Bristles, all Yellow	17.00
No. 4.	All Bristles, all White	22.50

Spoke Brushes

For Cleaning Buggy Wheels, etc.

No.	Description	Per doz.
No. 1.	All Grey, Mixed	\$12.00
No. 2.	All Grey, Bristle	16.00
No. 3.	Handled Single, Bristle	15.00
No. 4.	Handled Double, Bristle	20.00

**Clothes Brushes**



		NET.
		Per doz.
113	No. 1, Fibre Centre, Bristle outside, Black & White	\$2.20
	No. 2, Fibre Centre, Bristle outside, Black & White	2.60
	No. 3, Fibre Centre, Bristle outside, Black & White	2.85
	No. 4, Mixed Centre, Bristle outside, all White	4.00
	No. 5, Mixed Centre, Bristle outside, Black & White	4.00
	No. 7, Mixed Centre, Bristle outside, Black & White	5.00
	No. 8, Mixed Centre, Bristle outside, Black & White	6.00
	No. 9, Fibre Centre, Bristle outside, Black & White	2.90
	No. 00, Fibre Centre, Bristle outside, Black & White	3.30
	No. 13, Mixed Centre, Bristle outside, Black & White	3.70
	No. 14, Mixed Centre, Bristle outside, White & Black	4.00
	No. 20, All Bristle, Small, White and Black	4.75
	No. 17, All Bristle, Medium, White and Black	4.80
	No. 6, All Bristle, Medium, White and Black	5.40
	No. 65, Mixed Bristle, Small, all Black	5.80
	No. 15, Mixed Bristle, Medium, all Black	6.60
	No. 9, All Bristle, Large, all Black	9.00
	No. 10, All Bristle, Large, White and Black	11.50
	No. 11, All Bristle, Large, all White	13.60
	No. 16, All Bristle, Stiff, Large, Black and White	15.00
	No. 18, All Bristle, Stiff, Large, Yellow and White	16.50
	No. 28, All Bristle, Stiff, Large, Yellow and White	20.00
	No. 21, All Bristle, Soft, all White	4.75
	No. 22, All Bristle, Long Stock, all White	9.00
	No. 23, All Bristle, Long Stock, all White	9.00
	No. 51, Mixed Bristle, Bent Back, Black & White	6.00
	No. 50, All Bristle, Bent Back, Black and White	7.50
		Per doz. Per gross.
	No. 522, All Fibre, White	\$1.25 \$13.80
	No. 220, All Fibre, White and Black	1.40 15.80
	No. 222, All Fibre, White and Black	1.55 17.80
	No. 282, Mixed Fibre, Grey	1.90 22.00
	No. 207, Mixed Fibre, White	2.75 30.00
	No. 208, Mixed Fibre, White	3.30 36.00
	No. 290, All Hair, Grey and White	1.80 20.00

**Handled Clothes Brushes**

		NET.
		Per doz.
112	No. 6, French Whisk, Small	\$ 4.40
	No. 8, French Whisk, Medium	5.60
	No. 10, All Black, Mixed Bristle, Small	9.00
	No. 12, All Black, Mixed Bristle, Medium	11.00
	No. 13, All Black, Mixed Bristle, Large	13.60

Double Splash 35 per cent. added to above price.

**Hat Brushes**



		NET.
		Per doz.
114	No. 0, Oval Shaped, Small	\$ 4.00
	No. 1, Oval Straight and Plain	5.00
	No. 2, S Shape as above cut	6.00
	No. 3, Straight and Fancy Drawn	7.20
	No. 4, Hat Rim Brushes, all Black	2.10
	No. 5, Hat Rim Brushes, all White	3.00

**BRUSHES**

**Bath Brushes, Handled**



		NET.
		Per doz.
		Stroke/ Handle
119	No. 0, White Fibre	\$ 4.80
	No. x, Cocoa Fibre	5.50
	No. 1, All Bristles	6.60
	No. 2, All Bristles	8.50
	No. 3, All Bristles, Extra	12.00
	No. 4, All Bristles, Superfine	14.00
	No. 5, Oval Brush, Web Handle	16.00

**MISCELLANEOUS**

**Brushes, Mops, Sink Cleaners, etc.**

		Per doz.
76-A	Tumbler Brushes, for cleaning Glasses and Jugs	\$7.20
	Cup Mops or Lavetts, for washing Cups, Jugs, etc.; made of Cotton	1.00
	Heather Pot Scrubs or Sink Cleaners	1.00
	Bass Pot Scrubs or Sink Cleaners	2.40
	Bass Pot Scrubs or Sink Cleaners, Extra Large	4.00
	Water Closet Brushes, for cleaning W.C. Pans, etc., ordinary	12.00
	Water Closet Brushes, for cleaning W.C. Pans, etc., extra	18.00
	Cotton Mops (English), Heads	6.00
	White Wool Mops (English), Heads	9.00
	Handles put to above	2.00
	Rubber Squeegees, for cleaning Floors, 12 in.	8.00
	Rubber Squeegees, for cleaning Floors, 14 in.	11.00
	Rubber Squeegees, for cleaning Floors, 16 in.	14.00
	Radiator Brushes for dusting between bars of Radiators	6.00

**Furnace Brushes**

For cleaning Flues of Hot Water Furnaces, etc.

		Per doz.
75-A	No. 1, Kilttool Brush, Short Wire Handle	\$ 6.00
	No. 2, Kilttool Brush, Long Wire Handle	7.20
	No. 3, Kilttool Brush, Flat Wood Handle	6.00
	No. 4, Steel Wire Brush, Flat Wood Handle	7.50

**FEATHER DUSTERS**



		Per doz.
126	No. 12	\$ 8.10
	No. 13	9.25
	No. 14	10.40
	No. 15	11.55
	No. 16	12.70
	No. 17	13.85
	No. 18	15.00

**Turk Feather Dusters**

**PAPER HAN**



Wire D  
10 inch  
12 inch  
14 inch

3 x 8 inch, Pl  
4 x 8 inch  
5 x 6 inch, Ha  
Extra siz



No. 2, Mixed  
No. 3, Mixed  
No. 4, Mixed  
No. 5, Mixed  
No. 6, All Bris  
No. 7, All Bris

Seam

No. 1 x 4 inch,  
No. 2 x 5 inch,  
No. 3 x 4 inch,  
No. 4 x 5 inch,

2 1/2 inch  
3 inch  
3 1/2 inch  
4 inch

BRUSHES

PAPER HANGERS' SMOOTHING BRUSHES



Wire Drawn. Extra Russian Bristles.

	2 Rows. Per doz.	3 Rows. Per doz.	4 Rows. Per doz.
10 inch	\$11.00	\$14.00	\$18.00
12 inch	13.60	18.00	23.00
14 inch	15.80	22.00	27.50

Wall Stipplers

Extra Fine Russian Bristles.

	All White. Per doz.	All Grey Per doz.
3 x 8 inch, Plain	\$32.80	\$28.00
4 x 8 inch	37.00	32.00
5 x 6 inch, Handled	42.00	36.00

Extra sizes and qualities made to order.

Extra Painters' Dusters



	Set. Per doz.	Drawn. Per doz.
No. 2, Mixed Centre	\$8 6.50	\$7.50
No. 3, Mixed Centre	5.00	9.00
No. 4, Mixed Centre	10.50	12.00
No. 5, Mixed Centre	12.50	14.50
No. 6, Mixed Centre, very long neck	17.50	10.50
No. 7, All Bristles	60	17.50
No. 7, All Bristles	18.40	21.50

Seam or Caulking Brushes



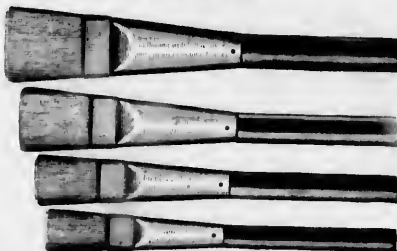
Drawn with Copper Wire.

	Per doz.
No. 1 x 1 inch, Mixed Stock	\$1.70
No. 2 x 3 inch, Mixed Stock	2.00
No. 3 x 4 inch, all Bristles	2.50
No. 4 x 5 inch, all Bristles	3.30

Brick Liners or Headers

	Per doz.
2 1/2 inch	\$1.50
3 inch	1.60
3 1/2 inch	1.70
4 inch	1.80

ARTIST FITCHES, FRESCO AND MARKING BRUSHES



Marking Brushes or Ordinary Artists' Fitches

Red Polished or Cedar Handles. Round or Flat.

	1	2	3	4	5	6
Assorted	\$0.50	.60	.70	.80	.90	1.00
Assorted	Per dozen					\$0.80
Assorted	Per gross					7.00

Extra Artists' Fitches

Fine French Bristles. Red Polished Handles.

Round or Flat.

	1	2	3	4	5	6	7	8	9	10
Assorted	\$0.60	.65	.70	.75	.80	.85	.90	.95	1.00	1.05
Assorted	\$1.10	1.20	1.30	1.40	1.60	1.90	2.30	2.80	3.30	3.80

Assorted, 1 to 6, 75c.; 7 to 12, \$1.05; 13 to 24, \$2.40.

Extra Extra Artists' Fitches

Fine French Bristles. Polished Cedar Handles.

Nickled Ferrules. Round or Flat.

	1	2	3	4	5	6	7	8	9	10	11
Assorted	\$0.70	.80	.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70
Assorted	\$1.80	1.90	2.00	2.10	2.50	2.60	3.20	3.65	4.20	5.00	5.90

Assorted, 1 to 6, 95c.; 7 to 12, \$1.55; 1 to 12, \$1.25; 13 to 24, \$3.35.

CAMEL HAIR BRUSHES



Camel Hair English Varnish or Copying Brushes

Cedar Handles.

	NET, Per doz.
2 1/2 inch	\$4.80
3 inch	5.80
3 1/2 inch	6.80
4 inch	7.80

## BRUSHES

## CAMEL HAIR BRUSHES



## Camel Hair French Varnish Brushes

Extra Long Hair, Tin Bound, Cedar Handles.

	NET.
	Per doz.
53 1 inch.....	\$ 2.00
1½ inch.....	4.40
2 inch.....	7.20
2½ inch.....	10.00

## Camel Hair Flowing Varnish Brushes

Chisel Pointed.

Polished Handles, Tin Bound, Extra Thick.

	Per doz.
	NET.
53-A 1 inch.....	\$ 4.80
1½ inch.....	7.05
2 inch.....	9.30
2½ inch.....	12.85
3 inch.....	16.00

## Camel Hair Mottlers



Extra Thick, Tin Bound, Cedar Handles.

	NET.
	Per doz.
50 ¼ inch.....	\$ 2.00
1 inch.....	2.40
1½ inch.....	3.70
2 inch.....	5.20
2½ inch.....	8.20
3 inch.....	10.25

## C. H. Double Thick Mottlers or Color Brushes

Extra Double Thick Tin Bound, Cedar Handles.

	Per doz.
	NET.
51 1 inch.....	\$ 3.00
1½ inch.....	4.80
2 inch.....	8.00
2½ inch.....	11.00
3 inch.....	14.40

## BADGER HAIR BRUSHES

Badger Hair Flowing Varnish Brushes,  
Chiselled.

EXTRA.

	NET.
	Per doz.
54 1 inch.....	\$ 3.60
1½ inch.....	5.40
2 inch.....	7.20
2½ inch.....	9.00
3 inch.....	10.80

Badger Hair Flowing Varnish Brushes,  
Chiselled.

EXTRA DOUBLE THICK.

	Per doz.
	NET.
55 1 inch.....	\$ 5.40
1½ inch.....	8.10
2 inch.....	10.80
2½ inch.....	12.00
3 inch.....	16.20

## FITCH OR BEAR HAIR BRUSHES

Fitch or Bear Flowing Varnish Brushes,  
Chiselled.

EXTRA.

	NET.
	Per doz.
56 1 inch.....	\$ 2.70
1½ inch.....	4.05
2 inch.....	5.40
2½ inch.....	6.75
3 inch.....	8.10

Fitch or Bear Flowing Varnish Brushes,  
Chiselled.

EXTRA DOUBLE THICK.

	Per doz.
	NET.
57 1 inch.....	\$ 5.70
1½ inch.....	5.35
2 inch.....	7.40
2½ inch.....	9.25
3 inch.....	11.10

## PENCILS,



## Black

61 E Nos.....  
Per doz..... Assor

B

60 Nos.....  
Per doz..... Assor

Nos.....  
Per doz.....

Assor

BI

60-A Nos.....  
Per doz..... Assor

Nos.....  
Per doz.....

Assor

RED



## Red Sable

Ordinary Quality

61 Nos.....  
Per doz..... \$6  
Nos.....  
Per doz..... \$6  
Assorted, 1 to 6, 60c

Nos.....  
Per doz.....

**BRUSHES**

**PENCILS, WRITERS AND STRIPERS**



**Black Sable Miniature Pencils**  
In Quills. Ext. Superfine.

		NET.							
61-E	Nos.	1	2	3	4	5	6	7	8
	Per doz.	\$0.90	1.25	1.60	2.00	2.55	3.45	4.00	4.80
		Assorted, 1 to 8, per doz., \$2.65.							

**Black Sable Writers**  
Ordinary.

		NET.							
60	Nos.	1	2	3	4	5	6	7	8
	Per doz.	\$0.40	.55	.65	.75	.90	1.05	1.35	1.55
		Assorted, 1 to 8, per doz., \$1.00.							

Extra Superfine.

Nos.	1	2	3	4	5	6	7	8	
Per doz.	\$0.70	.95	1.25	1.80	2.40	3.00	4.00	4.70	
		10		12					
		\$7.50		10.90					
		Assorted, 1 to 8, per doz., \$2.10.							

**Black Sable Stripers**  
Ordinary.

		NET.							
60-A	Nos.	1	2	3	4	5	6	7	8
	Per doz.	\$0.45	.60	.70	.80	1.00	1.20	1.50	1.90
		Assorted, 1 to 8, per doz., \$1.15.							

Extra Superfine.

Nos.	1	2	3	4	5	6	7	8	
Per doz.	\$0.80	1.10	1.40	1.95	2.80	3.80	4.60	5.60	
		10		12					
		\$8.60		12.00					
		Assorted, 1 to 8, per doz., \$2.50.							

**RED SABLE BRUSHES**



**Red Sable Brushes, for Oil Painting**

Ordinary Quality Nickel Ferrules. Long Red Polished Handles.

		Round or Flat.					NET.	
61	Nos.	1	2	3	4	5	6	
	Per doz.	\$0.40	.45	.50	.55	.60	.70	
	Nos.	7	8	9	10	11	12	
	Per doz.	\$0.80	.95	1.15	1.50	1.80	2.10	
		Assorted, 1 to 6, 60c.; 4 to 8, 75c.; 1 to 12, \$1.00 per doz.						

Extra Large Size.

Nos.	14	16	18	20
Per doz.	\$3.00	4.00	5.00	6.00

**SUPER RED SABLE BRUSHES, FOR OIL PAINTING**

Superior Quality Nickel Ferrules. Long Polished Handles.

Specially Selected Superfine Hair.  
Round or Flat.

		NET.					
61-X	Nos.	1	2	3	4	5	6
	Per doz.	\$0.65	.70	.80	.85	.95	1.10
	Nos.	7	8	9	10	11	12
	Per doz.	\$1.25	1.45	1.80	2.35	2.80	3.30
		Assorted, 1 to 6, 85c.; 4 to 8, \$1.15; 1 to 12, \$1.50 per doz.					

**Red Sable Brushes, for Water Colors**

Extra Quality Nickel Ferrule. Short Polished Handles.  
Large English Sizes.

		NET.					
61-A	Nos.	1	2	3	4	5	6
	Per doz.	\$0.65	.78	.90	1.15	1.40	1.70
	Nos.	7	8	9	10	11	12
	Per doz.	\$2.25	2.65	3.25	4.00	4.75	5.75
		Assorted, 1 to 6, \$1.10; assorted, 6 to 12, \$3.80.					

**CAMEL HAIR BRUSHES**

Camel Hair Wash Brushes, for Water Colors

Nickeled Ferrules. Polished Handles.

		NET.					
61-0		1	2	3	4	Ass'd 1 to 4.	
	Round.	\$1.80	2.00	2.90	3.60	2.60	
	Flat.	1.95	2.55	3.50	4.80	3.20	Per doz.

**Camel Hair Artists' Brushes**

Nickeled Ferrules. Polished Handles.

		NET.					
61-H		Superfine Quality.					
	Nos.	1	2	3	4	5	6
	Per doz.	\$0.35	.40	.45	.50	.55	.60
	Nos.	7	8	9	10	11	12
	Per doz.	\$0.80	.95	1.05	1.20	1.40	1.60
		Assorted, 1 to 6, 50c. per doz.; assorted, 7 to 12, \$1.20 per doz.					

Ordinary Quality. Tin Ferrules.

In Glass Top Boxes. One Gross in a Box.

Assorted, 1 to 6, per gross	\$3.50
Assorted, 1 to 8, per doz.	.40

**Camel Hair Lacquering Brushes**

		NET.					
61-I	Round.	1	2	3	4	5	6
	Per doz.	\$0.80	.90	1.00	1.20	1.40	1.65
		Assorted, 1 to 6, per doz., \$1.20.					
	Flat.	3/8	1/2	5/8	3/4	7/8	1
	Per doz.	\$0.80	.95	1.05	1.35	1.70	2.05
		Assorted, 3/8 to 1, per doz., \$1.35.					

**Camel Hair Gilders' Tips**

		NET.	
61-J	No. 1, Fine, 4 in. wide, hair 2 to 2 1/2 long	Per doz.	\$ 1.00
	No. 2, Superfine, extra heavy, 4 in. wide, hair 2 to 2 1/2 in. long	Per doz.	1.50

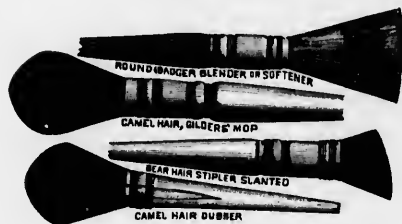
**Camel Hair Lustre Brushes**

For China Painting.

		NET.	
61-L	1/2 in.	3/4 in.	1 in.
	\$1.50	2.70	3.60

BRUSHES

GILDERS' DUSTERS, MOPS AND SOFTENERS



Round Badger Blender or Softener

Quill Bound. Polished Handles. NET.					
2	4	6	8	10	12
\$2.00	3.40	4.75	6.30	9.00	12.60

Camel Hair Gilders' Dusters or Mops

Quill Bound. Dome Painted. NET.					
58-B Plain Handles.					
2	4	6	8	10	12
\$2.00	3.10	4.50	6.40	8.20	10.80
				14	16
				13.60	19.20

Camel Hair Dabbers or Split Quills

Dome Painted. Extra Quality. NET.			
53-C			
1	3	5	7
\$1.05	2.00	4.00	6.40

Fitch Hair Stiplers or Blenders

Square Pointed. Quill Bound. Plain Handles.			
Extra Super-fine Stock. NET.			
58-B			
1	3	5	7
\$2.25	2.85	4.20	6.00
			9
			8.25

Fitch Hair Stiplers or Blenders

Slanting Point. Quill Bound. Plain Handles.			
Extra Superfine Stock. NET.			
58-C			
1	3	5	7
\$2.50	3.15	4.50	6.20
			9
			8.50

Camel Hair Pencils

Hair 3/4 to 7/8 inch long. NET.	
59	
No. 20, Common Thread Bound, ass'd 1 to 8	\$1.10
No. 25, Extra Rose, Bound, assorted 1 to 8	1.50
No. 30, Super Silk Bound, Pointed, ass'd 1 to 8	2.70
No. 33, Super Silk and Gold, Pointed, assorted 1 to 8	4.30
No. 35, Extra Rose Bound, in glass-top boxes with colored handles	1.70
No. 36, Super Silk Bound, in glass-top boxes	3.40
No. 87, Swan Quill, 1/2 to 3/4 hair	8.40
No. 88, Swan Quill, in Nickel Ferrules	14.40
No. 39, Swan Quill, for Architects, Silk and Gold Bound, very large. Per doz.	3.40

CAMEL HAIR WRITERS OR LETTERING

Hair 1 to 1 1/4 long.



NET.

59-A	
No. 40, Extra Rose Bound	Per gross \$3.00
No. 45, Silk and Silver Bound	4.00
No. 40, Swan Quill	8.40
No. 46, Swan Quill, in Nickel Ferrule, ass'd 1 to 1 1/4	14.40

Camel Hair Stripers

Hair 1 1/2 to 2 1/2 in. long.

59-B	
Per gross.	
No. 50, Extra Rose Bound	\$3.50
No. 55, Super Silk and Silver B'd, ass'd 1 to 8	5.00
No. 60, Extra Rose Bound	2.50
No. 65, Extra Rose Bound	4.00
No. 70, Extra Rose Bound	6.00
No. 75, Swan Quill, very large, ass'd 2 to 2 1/2	10.80
No. 80, Swan Quill, Nickel Ferrule, ass'd 1 1/2 to 2 1/4	14.40
For Camel Hair Sword Stripers see Class 61-P.	

Siberian Ox Hair Writers

Superfine.

60-C	
NET.	
No. ....	1 2 3 4 5 6 7 8
Per dozen	\$0.35 .40 .45 .55 .65 .80 .95 1.15

Assorted, 1 to 8, per dozen 75 cents.

Siberian Ox Hair Stripers

Superfine.

60-E	
NET.	
No. ....	1 2 3 4 5 6 7 8
Per dozen	\$0.40 .45 .55 .65 .75 .85 1.05 1.20

Assorted, 1 to 8, per dozen, 80 cents.

Sword or Dagger Stripers

Brass Wire Bound. Short Wooden Handles.

61-P	
EXTRA FINE QUALITY.	
NET.	
Camel Hair	1 2 3 4 Assorted 1 to 4
	\$1.60 1.50 2.00 2.20 1.90
Badger Hair	1 2 3 4 Assorted 1 to 4
	\$1.80 2.00 2.20 2.40 2.10
Ox Hair	1 2 3 4 Assorted 1 to 4
	\$2.00 2.20 2.40 2.60 2.30

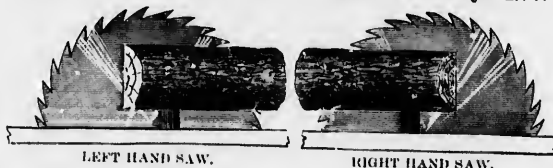
Diameter of S  
Thickness or  
Right or left  
Number of tw  
Size of mandr  
A very correct  
or flange, and pro  
paper.

SIZE. GAU

3 in.	1
4	1
5	15
6	16
7	18
8	18
9	17
10	16
12	15
14	14
16	15
18	14
20	13
22	12
24	11
26	11
28	11
30	10
32	10
34	10
36	10
38	9
40	8
42	8
44	7
46	7
48	6
50	6
52	6
54	6
56	5
58	5
60	5
62	4
64	4
66	4
68	3
70	3
72	3

**WARRANTED  
EXTRA CAST-STEEL CIRCULAR SAWS**

PATENT GROUND, SUPERIOR WORKMANSHIP AND QUALITY.



**Directions for Ordering Saws.**

When ordering Circular Saws, the following directions should be explicitly given:

WHETHER RIP OR CROSS-CUT.

Diameter of Saw in inches.  
Thickness or gauge of Saw at rim.  
Thickness or gauge of Saw at centre.  
Right or left hand Saw (see engraving above).  
Number of teeth in Saw.  
Size of mandrel hole.

Size of pin holes.  
Distance between pin holes from centre to centre.  
Greatest feed at each revolution of Saw in inches.  
Kind of lumber to be sawed.  
Number of revolutions of Saw per minute.  
Whether swedge or set.

A very correct way to get the size of the holes is to place a piece of writing paper on the inside of the loose collar or flange, and press it round the holes with the finger, which will leave the impression of the eye and pin holes on the paper.

SIZE.	GAUGE.	PRICE.	Each Additional Gauge Extra.	Size of Mandrel Hole.	Prices for Reveling New Saws (Grinding or Reveling Old Saws Extra.)	No. of Revolutions per Minute.
3 in.	19	\$ 0 72	\$ 0 05	5 8 inch.	.....	5100
4	19	0 75	0 06	5-8 "	.....	4900
5	19	1 00	0 08	5-8 "	.....	4700
6	18	1 15	0 10	5-8 "	.....	4500
7	18	1 40	0 12	3-4 "	.....	4200
8	18	1 68	0 14	3-4 "	.....	4000
9	17	1 05	0 16	1 "	.....	3750
10	16	2 25	0 18	1 "	\$ 0 50	3500
12	15	2 85	0 20	1 "	0 50	3200
14	14	3 50	0 24	1 "	0 60	2700
16	14	4 40	0 30	1 1-8 "	0 70	2300
18	14	5 30	0 45	1 1-8 "	0 80	2000
20	13	6 30	0 58	1 1-4 "	0 90	1800
22	12	7 40	0 60	1 1-4 "	1 00	1650
24	11	8 60	0 70	1 1-4 "	1 20	1475
26	11	9 90	0 80	1 3-8 "	1 40	1350
28	10	14 00	0 90	1 1-2 "	1 60	1275
30	10	16 50	1 00	1 1-2 "	1 80	1200
31	10	18 70	1 20	1 1-2 "	2 00	1125
36	9	21 00	1 50	1 1-2 "	2 20	1080
38	9	24 20	1 75	1 1-2 "	2 40	1000
40	8	29 40	2 25	1 1-2 "	2 60	950
42	8	34 65	2 75	1 5-8 "	3 00	900
44	7	42 00	3 20	1 3-4 "	3 50	870
46	7	49 25	3 75	1 3-4 "	3 70	848
48	6	57 75	4 50	1 3-4 "	3 80	800
50	6	65 05	4 75	2 "	4 00	760
52	6	73 00	5 00	2 "	4 20	725
54	6	80 75	5 50	2 "	4 30	700
56	5	107 50	8 00	2 "	4 50	675
58	5	120 50	10 00	2 "	4 70	650
60	5	130 00	12 00	2 "	4 80	625
62	4	162 75	13 50	2 "	5 00	600
64	4	180 00	15 75	2 "	5 20	575
66	4	200 00	18 00	2 "	5 40	550
68	3	220 00	20 00	2 1-2 "	5 50	525
70	3	262 00	22 50	2 1-2 "	5 70	500
72	3	284 00	25 00	2 1-2 "	5 90	475
					6 00	450



CROSS-CUT SAWS

Common Tooth



Cast Steel ..... 45 cents per foot, set and filed

No. 3 - Lance Tooth



Price ..... 60 cents per foot, set and filed

Keen Duster

Price ..... 60 cents per foot, set and filed.

Price .....

Price .....

CROSS-CUT SAWS

No. 1—Lance Tooth



Price .....95 cents per foot, set and filed.

No. 0.—Lance Tooth



Price..... \$1.00 per foot, set and filed.

CROSS-CUT SAWS

Improved Champion



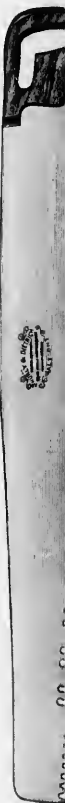
Cast Steel ..... 55 cents per foot, set and filed.

Perforated Improved Champion



Cast Steel ..... 60 cents per foot, set and filed.

No. 2.—One M  
with Commo

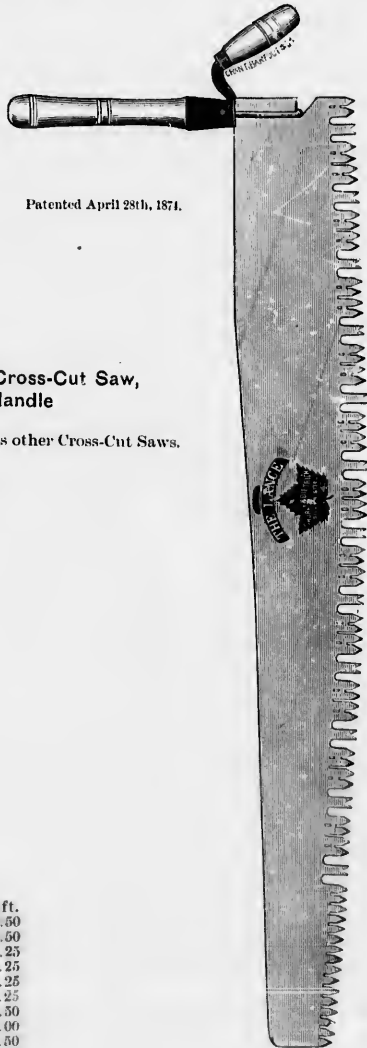


Improved Diamon  
 Hanlan Tooth ...  
 Improved Champio  
 Dominion Tooth ...  
 Common Tooth ...  
 No. 1, Maple Leaf  
 No. 0, Maple Leaf  
 No. 2, Lance Tooth  
 No. 3, Lance Tooth  
 Perforated Improv  
 The

CROSS-CUT SAWS

No. 2.—One Man Cross-Cut Saw,  
with Common Double Handle

Patent Double Handle  
One Man Cross-Cut Saws



Patented April 28th, 1871.

No. 1.—One Man Cross-Cut Saw,  
with Lion Handle

Sold by the foot, same price as other Cross-Cut Saws.  
Any kind of tooth desired.  
Handles, \$0.30 each, extra.

With Common Double Handle

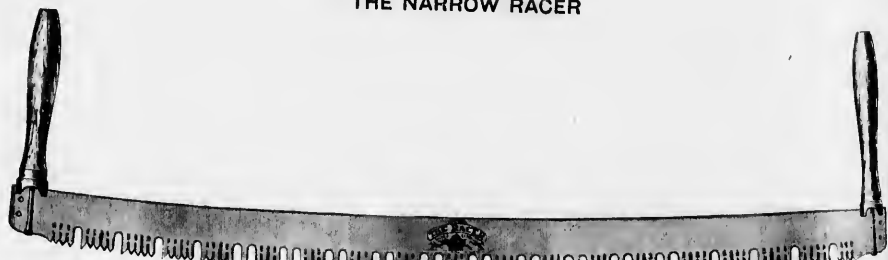
	3 1/2 ft.	4 ft.	4 1/2 ft.	5 ft.
Improved Diamond Tooth.....	\$4.00	\$4.50	\$5.00	\$5.50
Handed Tooth.....	4.00	4.50	5.00	5.50
Improved Champion Tooth.....	2.85	3.25	3.75	4.25
Dominion Tooth.....	2.85	3.25	3.75	4.25
Common Tooth.....	2.85	3.25	3.75	4.25
No. 1, Maple Leaf Lance Tooth.....	3.55	4.30	4.75	5.25
No. 0, Maple Leaf Lance (Racer).....	4.00	4.50	5.00	5.50
No. 2, Lance Tooth.....	2.05	3.30	3.65	4.00
No. 3, Lance Tooth.....	2.65	2.90	3.20	3.50
Perforated Improved Champion Tooth.....	3.70	4.20	4.70	5.25

The above are set and filed, ready for use.

ot, set and filed.

ot, set and filed.

THE NARROW RACER



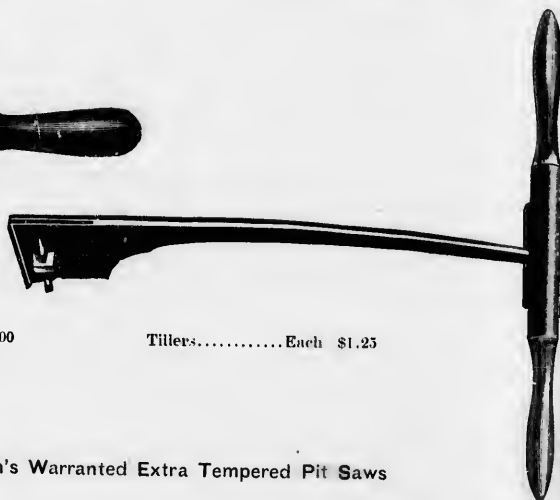
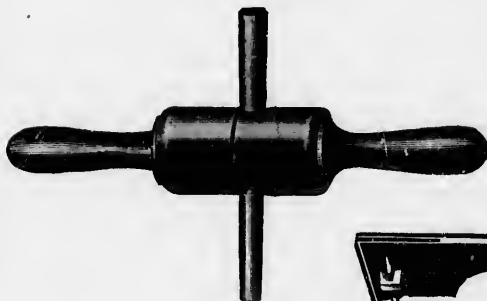
NARROW RACER, FOR SAWING LOGS OR TREES.

Silver steel.....Per foot \$0.75

This Saw stands without a rival, and is the fastest cutting narrow saw in the world, working with LESS FRICTION and greater ease. For sawing all kinds of wood it has no equal.

Box for Pit Saws

Tiller for Pit Saws



Boxes ..... Each \$1.00

Tillers.....Each \$1.25

Shurly & Dietrich's Warranted Extra Tempered Pit Saws



Length, feet	5	5 1-2	6	6 1-2	7	7 1-2	8
Each	\$3.00	5.50	6.00	6.50	7.00	7.50	8.00

Whip Saws

Length, feet	5	5 1-2	6	6 1-2	7	7 1-2
Each	\$3.00	3.30	3.60	3.90	4.20	4.50



No. 2-

No. 2-Lion. For  
No. 3-Wrought i  
Boynton pattern,  
No. 5-Wrought i

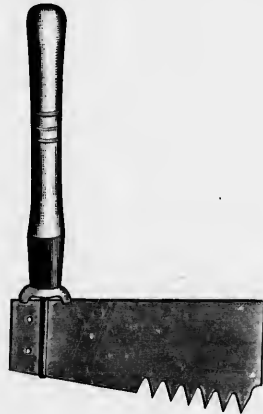


No. 6-Adjustable  
No. 7-Cross-cut sa

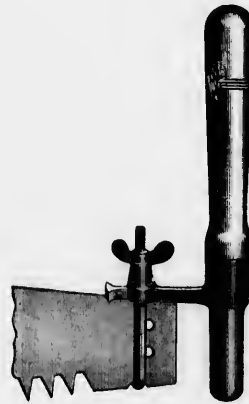
PATENT CROSS-CUT SAW HANDLES



No. 2—LION.

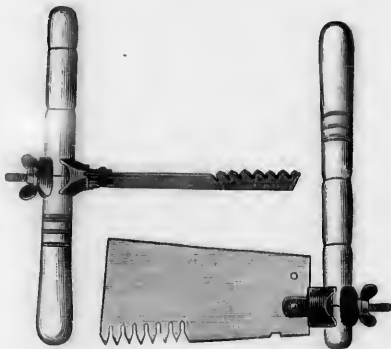


No. 3.

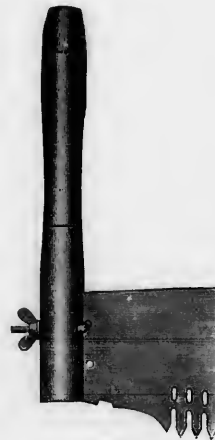


No. 5.

No. 2—Lion. For one man saws.....	Each	\$0.50
No. 3—Wrought iron loop .....	Per pair	.25
Boynton pattern, bolted through handle, wrought iron loop .....	Per pair	.30
No. 5—Wrought iron loop .....	Per pair	.25



No. 6.



No. 7.

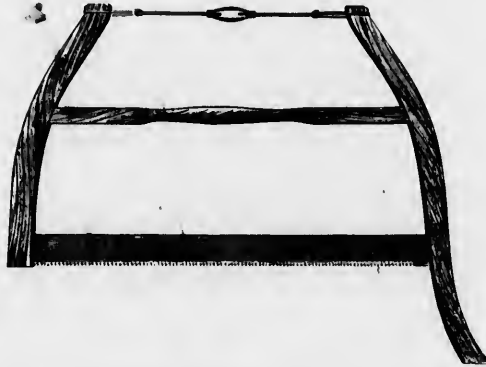
No. 6—Adjustable cross-cut saw handles .....	Per pair	\$0.25
No. 7—Cross-cut saw handles .....	Per pair	.25

**WOOD SAW FRAMES**

Wood Saw Frames, selected ..... Per dozen \$1.00

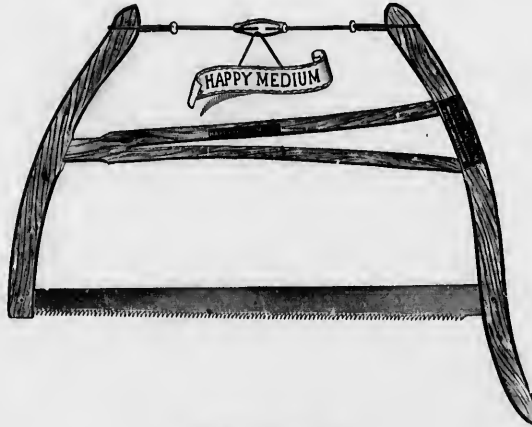
**Wood Saws, Framed**

WITH LOOP ROD.  
30 inch blades.



COMMON TOOTH—STAMPED "J. DOUGLASS"—SET AND FILED.

Unpainted frame, No. 15 blades ..... Per dozen \$5.50  
Red painted frame, No. 15 blades ..... Per dozen 6.00



**"Happy Medium"**

Patented August 21st, 1878.

SHURLY & DIETRICH'S EXTRA, TAPERED BLADES.

Unpainted frame ..... Per dozen \$7.50  
Red painted frame ..... Per dozen 8.00

Packed complete, half dozen in box.

Red painted frame

Red painted frame

Varnished frame,

**WOOD SAWS, FRAMED**

With Loop Rod.

30 inch blades.



**"Watch Spring"**

Red painted frame, narrow blued clock spring steel blade ..... Per dozen \$8.00  
 Packed complete, half dozen in a box.

**Common Sense**

Red painted frame, silver steel lightning blade ..... Per dozen \$9.00  
 Half dozen in a box.



**Patent Empire**

Varnished frame, silver steel blade ..... Per dozen \$10.75  
 Half dozen in a box.

Per dozen \$1.90

Per dozen \$5.50

Per dozen 6.00

Per dozen \$7.50

Per dozen 8.00



WOOD SAW BLADES



COMMON TOOTH.

- No. 26—J. Douglass, set and filed, 30 inch..... Per dozen \$3.35  
 No. 19—Shurly & Dietrich, set and filed, 2 inch wide, 30 inch ..... Per dozen 4.95

LIGHTNING TOOTH.

- No. 22—Shurly & Dietrich, set and filed, 2 inch wide, 30 inch ..... Per dozen 5.50

Saw Rods



- No. 37—21 inch, malleable nuts ..... Per dozen \$1.25

One dozen in a package.

Folding Saw Bucks



- No. 1—Plain square edges, 30 inches high, 18 inches wide, turned rounds used in place of flat pieces nailed on, as shown. Half dozen in package. Per doz. \$4.25.



- No. 2—Band sawed and shaped edges, painted, same size as No. 1. The best folding saw buck made. Half dozen in package. Per doz. \$6.25.

No. 40—Combination

No. 8—Combination

No. 10—26 inch....

HAND PANEL AND RIP SAWS



No. 40.

No. 40—Combination, etched "Cacoma," 26 inch ..... Per dozen \$9.00



No. 8.

No. 8—Combination, 26 inch..... Per dozen \$11.50



No. 10.

A. R. Perry & Bro.

Cast Steel.

No. 10—26 inch..... Per dozen \$6.50

One-quarter dozen in a package.

.. Per dozen \$3.35  
.. Per dozen 4.95

.. Per dozen 5.50

.. Per dozen \$1.25



es, painted, same  
saw buck made  
9, 25.



HAND PANEL AND RIP SAWS



No. 11.

Hanlan

No. 11—26 inch ..... Per dozen \$8.00



No. 25.

Enterprise

Cast Steel.

No. 25—26 inch ..... Per dozen \$10.25  
 No. 25—28 inch ..... Per dozen 12.00



No. 9.

Brown & Co.

Cast Steel.

No. 9—26 inch ..... Per dozen \$11.00  
 No. 9—28 inch ..... Per dozen 12.50  
 No. 19—26 inch, Dunn & Co. .... Per dozen 10.00

One-quarter dozen in a package.

HAND PANEL AND RIP SAWS



No. 6.

Clipper

No. 6—26 inch .....	Per dozen \$15.00
No. 6—28 inch .....	Per dozen 17.00



No. 7.

Jackson & Co.

Cast Steel.

Inch .....	<b>18</b>	<b>20</b>	<b>22</b>	<b>26</b>	<b>28</b>
Per dozen .....	\$7.50	8.50	10.50	15.50	17.50

One-quarter dozen in a package.



No. 5.

Shurly & Dietrich

Spring Steel, Warranted. Beech Handle.

Inch .....	<b>18</b>	<b>20</b>	<b>22</b>	<b>26</b>	<b>28</b>
Per dozen .....	\$11.50	14.00	15.50	18.00	21.00

One-third dozen in a box.

HAND PANEL AND RIP SAWS



No. 4.

Shurly & Dietrich

Spring Steel, Warranted. Beech Handle.

HOLLOW BACK.

Inch .....	24	26	28
Per dozen .....	\$17.50	18.00	21.00
No. 14—Straight back, beech handle, 28 inch .....	Per dozen \$18.00		



No. 4 1/2.

Shurly & Dietrich

Spring Steel, Warranted. Beech Handle.

HOLLOW BACK.

Inch .....	18	20	22	26	28
Per dozen .....	\$12.00	14.50	16.00	20.00	22.50
No. 14 1-2—26 inch, "Royal Oak" spring steel, fancy apple wood handle .....	Per dozen \$20.00				



No. 5 1/2.

Shurly & Dietrich

Spring Steel, Warranted. Beech Handle.

Inch .....	18	20	22	26	28
Per dozen .....	\$12.00	14.50	16.00	20.00	22.50
One-third dozen in a box.					

HAND PANEL AND RIP SAWS



No. 45.

Shurly & Dietrich—"D. S"

Silver Steel, Highly Finished Blade, Apple Wood Handle, Raised Screws.

Inch .....	28	28
Per dozen .....	\$27.50	30.50

No. 45½ same as No. 45, but with Beech Handle.

Inch .....	28	28
Per dozen .....	\$24.00	26.50

Henry Disston & Sons' Warranted Cast Steel, Patent Ground and Tempered, Hand and Rip Saws



No. 7.

Disston & Sons' Cast Steel, Warranted Beech Handle, Polished Edge, 4 Improved Screws, Grained Blade.

Inch .....	20	22	26	28
Per dozen .....	\$16.00	18.00	20.00	23.50

Henry Disston & Sons' Warranted Spring Steel, Patent Ground and Tempered, Hand, Panel and Rip Saws



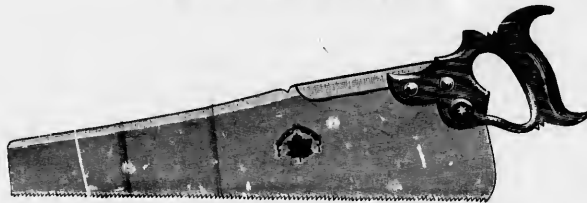
D-8.

Disston & Sons' Skew-Back Saw, Apple Handle, Polished Edge, 5 Improved Screws.

Inch .....	18	20	22	26	28
Per dozen .....	\$16.00	17.50	19.50	22.00	25.00

One-third dozen in a box.

GENTS' HALF BACK SAWS



No. 12.

Silver Steel, Highly Polished Blade, Warranted. Apple Wood Handle.

Inch .....	18	20
Per dozen .....	\$21.75	24.50
One-third dozen in a box.		

Movable Back Panel Saws



No. 14.

This saw can be used with equal facility for either a hand or back saw. When the back (A) is removed the saw can be used as a hand saw. Replace the back, and a first-class back saw is the result.

Inch .....	18	20	22	24	26
Per dozen .....	\$15.00	17.00	19.00	21.00	23.00
One-third dozen in a box.					

Back Saws



No. 2.—Shurly & Dietrich.

Extra Refined Spring Steel, Polished Back, Etched. Beech Handle.

Inch .....	10	12	14	16	18	20
Per dozen .....	\$15.50	17.50	19.50	22.00	25.00	29.00

No. 3.—Shurly & Dietrich.

Extra Refined Spring Steel, Blue Back, Etched. Beech Handle.

Inch .....	10	12	14	16	18	20
Per dozen .....	\$16.50	18.50	20.50	23.00	26.00	30.00

No. 7.—Jackson & Co.

Cast Steel, Polished Back, Etched. Beech Handle.

Inch .....	10	12	14	16	18
Per dozen .....	\$12.00	14.00	16.00	18.00	20.00
One-quarter dozen in a package.					

Inch .....  
Per dozen .....  
  
Inch .....  
Per dozen .....  
  
Inch .....  
Per dozen .....  
  
Three sets in a  
Handles and ser  
Keyhole blades  
Compass blades  
Pruning blades  
  
Inch .....  
Per dozen .....



COMPASS SAWS



No. 10—GROUND THIN ON BACK.

Inch .....	10	12	14	16
Per dozen .....	\$3.50		4.00	4.25

No. 20.

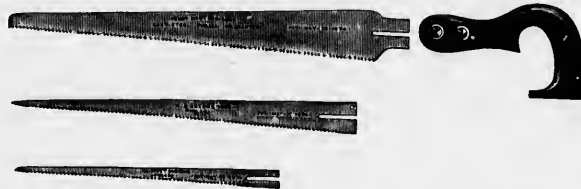
Inch .....	10	12	14	16
Per dozen .....	\$3.25	3.50	3.75	4.00

DISSTON'S APPLE HANDLE.

Inch .....			12	14
Per dozen .....			\$4.50	4.75

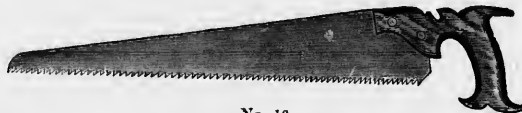
Nests of Saws - Disston's

Patented May 26, 1874. Combining one each, keyhole, compass and table or pruning saw.



Three sets in a box .....	Per dozen sets	\$12.00
Handles and screws only .....	Per dozen	2.50
Keyhole blades only .....	Per dozen	1.50
Compass blades only .....	Per dozen	3.00
Pruning blades only .....	Per dozen	5.00

Pruning Saws



No. 16.

Inch .....	14	16	18	20
Per dozen .....	\$8.00	7.00	7.50	8.00

One-quarter dozen in a package.

..... 20  
..... 24.50

is removed the saw

24 26  
21.00 23.00

18 20  
25.00 29.00

18 20  
26.00 30.00

18  
20.00

DOUBLE EDGE PRUNING SAWS



Course teeth on one side, fine on the other.

No. 17—18 inches..... Per dozen \$8.00

Butcher Saws



No. 1—FLAT STEEL BACK.

Inch.....	20	22	24	26
Per dozen.....	\$25.00	26.00	27.00	28.00

No. 15—22 INCH, FLAT STEEL BACK.

Per dozen.....\$18.50



No. 2—OVAL BACK.

Inch.....	18	20	22	24	26
Per dozen.....	\$17.33	18.50	19.60	20.75	21.85

Kitchen Saws



No. 7—ROUND IRON BACK.

No. 7—14 inches.....	Per dozen \$3.69
No. 65—14 inches.....	Per dozen 6.00
No. 65—16 inches.....	Per dozen 6.25

One-quarter dozen in a package.

IRON PAD, FRET OR KEY HOLE SAWS



No. 22—8 inch blade and handle ..... Per dozen \$3.00

BLADES ONLY.

Inch .....	8	9	10	11	12	14
Per dozen .....	\$1.75	1.83	2.00	2.13	2.25	2.50

Extra Cast Steel Butcher Webs



Inch .....	18	20	22	24	26
No. 32, 1 inch wide..... Per dozen	\$5.50	6.00	6.50	7.00	7.75
No. 31, 1 1/4 inch wide..... Per dozen	5.75	6.25	6.75	7.25	8.00
No. 40, Clock spring .....	6.75	7.25	7.75	8.25	9.00

Cast Steel Felloe Webs



Inch.....	10	12	14	16	18	20	22	24	26	28	30
Per dozen.....	\$2.56	3.08	3.58	4.10	4.60	5.12	5.63	6.15	6.64	7.17	7.68

17 to 14 gauge, from 3/8 to 1 inch wide, bevelled backs. For each quarter inch extra width.

Over one inch wide add ten per cent. to above prices.

Cast Steel Turning or Chair Webs



Inch.....	6	7	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
Per dozen.....	\$1.50	1.60	1.64	1.80	2.10	2.40	2.66	2.93	3.20	3.73	4.27	4.80	5.33	5.87	6.10	6.50	7.25

20 to 17 gauge, 1/4 to 1/2 inches wide.

Cast Steel Key Hole Saw Blades



Inch.....	6	7	8	9	10	11	12	13	14
Per dozen.....	\$1.50	1.60	1.75	1.88	2.00	2.13	2.25	2.40	2.50

Cast Steel Iron Webs or Hack Saws

FOR SAWING METAL.

Inch.....	6	7	8	9	10	11	12	14
Per dozen .....	\$1.80	2.10	2.40	2.70	3.12	3.43	3.90	4.50

P. S. Stubs' Extra Cast Steel Saws

Inch.....	8	10	12
Per dozen.....	\$3.25	4.30	5.35

Per dozen \$8.00

26 28 00

\$14.50

26 21.85

Per dozen \$3.69  
Per dozen 6.00  
Per dozen 6.35

HACK SAW BLADES

Yankee Brand Improved "Flexible Back" Blades

These blades are manufactured by an entirely new process, whereby the **TEETH only** are hardened, the back remaining soft, *i.e.*, not tempered; the blade will not snap or break, thereby assuring the user full efficiency until the teeth are worn dull.



The above cuts show the principle of the Yankee or "Flexible Back" blades, also the "set" of the teeth.

Inch .....	8	10	11	12
Per dozen.....	\$1.05	1.35	1.50	1.75

Hack Saw Frames



**LOCK EXTENSION FRAME.**  
Patented June 13, 1893. No. 499,227.

Made of steel; nicked; fine finish. Takes in blades from 8 in. to 12 in., inclusive ..... Per dozen \$19.50



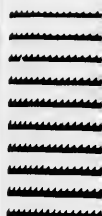
**No. 3 FRAME**

Made of spring steel; nicked. To hold 8 in. blade ..... Per dozen \$6.50



**No. 100**—Made of the best **TEMPERED SPRING STEEL**. Blades can be faced in four directions. The saw-blades are readily adjusted and are firmly held by the tempered spring steel frame. Full nickel plate, polished handle. 8 inch..... Per dozen \$12.75

No. 168—Bright  
No. 165 1-2 P

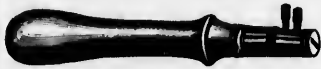


Length

17 feet 10 inch  
18 feet 6 inch  
20 feet 6 inch

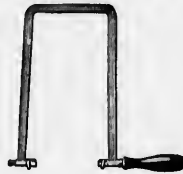
Width, inch.  
Per foot

**SAW PADS**

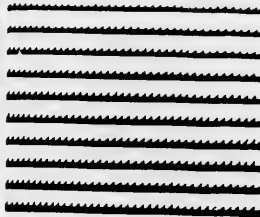


Hechwood Saw Pads, small..... Per dozen \$5.40  
 Hechwood Saw Pads, large..... Per dozen 6.25  
 Boxwood Saw Pads..... Per dozen 8.25  
 Half dozen in a box.

**Bracket Saw Frames**



No. 168—Bright flat bow, without bolt and nut, 10 inch ..... Per dozen \$4.50  
 No. 165 1-2 Bright flat bow, with bolt and nut, 10 inch..... Per dozen 7.50



**Bracket Saw Blades**

Assorted Nos..... 00 to 4 5 to 8  
 Per gross..... \$0.75 .90  
 One gross in a package.

**Band Saws**



**French Band Saws, Extra Cast Steel.**

Length	JOINED.										
	Width in inches.										
17 feet 10 inch Each	3-16	1-4	5-16	3-8	1-2	5-8	3-4	7-8	1		
15 feet 6 inch... Each	\$2.25	2.55	2.85	3.15	3.60	4.20	4.65	.....	.....		
20 feet 6 inch... Each	2.40	2.70	3.00	3.30	3.75	4.50	4.95	.....	.....		
	3.60	3.30	3.50	3.90	4.35	4.80	5.25	6.00	6.75		
	NOT JOINED. 100 FEET LENGTHS.										
Width, inch..	3-16	1-4	5-16	3-8	1-2	5-8	3-4	7-8	1	11-4	11-2
Per foot.....	\$0.09	.9 3-4	.10 1-2	.12	.15	.16	.17	.21	.26	.30	.35

**THE COMMON SENSE™ HAMMER SET**  
*THE MOST SIMPLE AND DURABLE*

FOR  
 HAND,  
 WOOD  
 AND  
 SMALL  
 SAWS.

J.L. JONES  
 TORONTO

Common Sense Hammer Saw Sets..... Per dozen \$11.70  
 Half dozen in a box.

**Hammer Saw Sets**



Half size cut.

No. 771—Wynn's Hammer Saw Sets..... Per dozen \$7.50  
 Half dozen in a box.

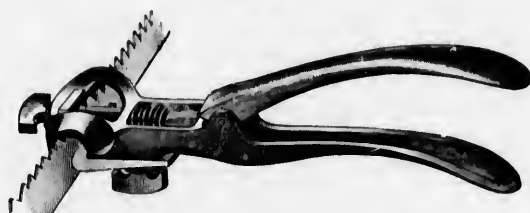
**Lever Saw Sets**



No. 40—Stillman's Pattern Lever Saw Sets..... Per dozen \$2.00  
 One dozen in a box.

SAW SETS

Perfect



No. 1 PERFECT, for hand, panel and tenon saws ..... Per dozen \$6.00  
One in a box.

.. Per dozen \$11.70

Perfect



No. 3 - PERFECT, for cross-cut and circular saws, 14 to 20 gauge ..... Per dozen \$11.25  
Half dozen in a box.

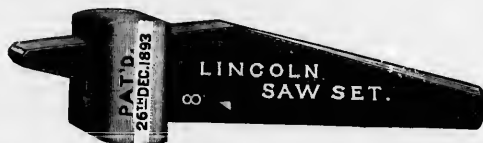
The Whiting



.. Per dozen \$7.50

The Whiting. For cross-cut saws ..... Per dozen \$11.25

The Lincoln



.. Per dozen \$2.00

The Lincoln. For cross-cut saws ..... Per dozen \$11.25

SAW SETS



Style of Nos. 162 and 151.

No. 162—Bright steel, small, 6 cuts ..... Per dozen. \$1.50  
 No. 151—Bright steel, large, 6 cuts ..... 3.45



No. 431.

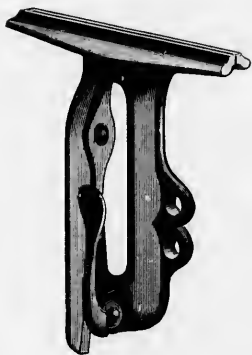
No. 431—Bright forged steel, black turn-screw handle ..... Per dozen. \$1.35

One dozen in a box.

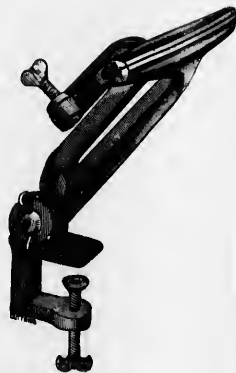


No. 432—Bright steel, wood handle ..... Per dozen \$3.40  
 One dozen in a box.

Saw Filers' Vises



No. 100.



No. 3.

No. 100—Japanned, 9½ inch jaws, polished face ..... Per dozen \$10.25  
 No. 3—Japanned, 9½ inch jaws, polished face, with screw clamp for fastening to bench, and screw adjustment for holding vise at any angle ..... Per dozen 11.25

Champion Com

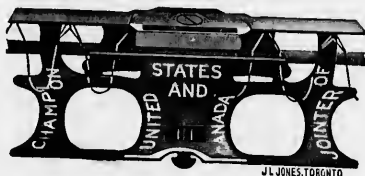
Dexter Combinat

Gives' Combined S



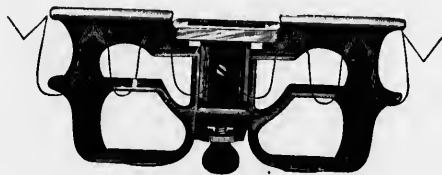
COMBINATION SAW TOOLS

Jointer, Raker Tooth Gauge and Side File, Combined in One Tool.



The Champion

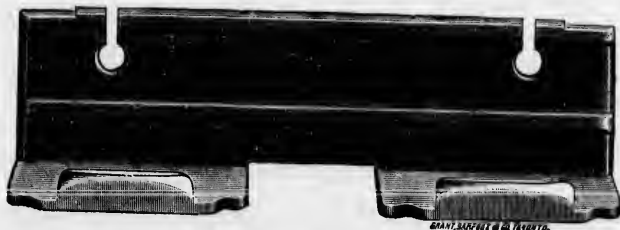
Champion Combination Saw Tool..... Per dozen \$6.25  
 One dozen in a box.



The Dexter

Dexter Combination Saw Tool ..... Per dozen \$7.50  
 One dozen in a box.

Combined Saw Set, Jointer and Gauge



GIVES' PATENT.

Gives' Combined Saw Set, Jointer and Gauge..... Per dozen \$4.65

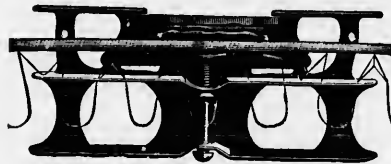
Per dozen.  
 black turn-screw  
 .. 84.95

..... Per dozen \$5.40

3.  
 ... Per dozen \$10.25  
 crew adjust-  
 ... Per dozen 11.25

EXCELSIOR PATENT SAW TOOLS

Comprising a Combined Jointer and Cleaner, Tooth Gauge, Setting Block and Set Gauge.



JOINTER.



TOOTH GAUGE.



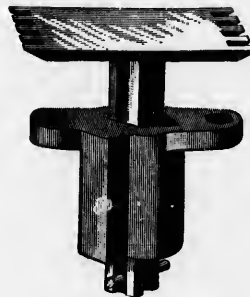
SETTING BLOCK.



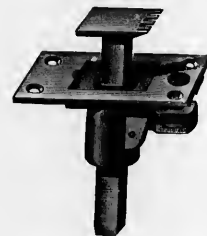
SET GAUGE.

The Excelsior Combination Saw Tools..... Per dozen sets \$12.00  
 One-twelfth dozen sets in a box.

Bench Hooks



LIGHTNING.

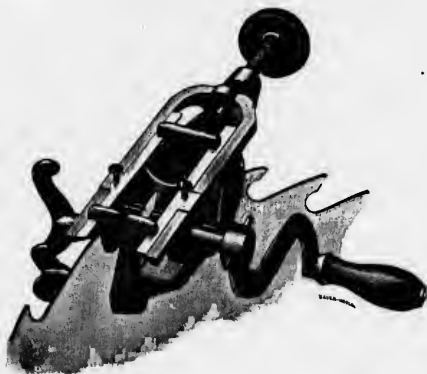


MORRILL'S "PERFECT."

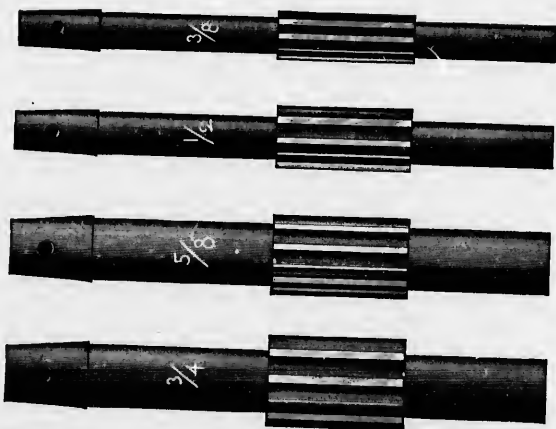
Lightning Bench Hooks ..... Per dozen \$4.50  
 No. 1—Morrill's Perfect Bench Hook, square steel spindle ..... Per dozen 9.00  
 Half dozen in a box.

With 2 cutter grinds  
 Inch .....  
 Each.....

SAW GUMMERS



Cutter Grinder

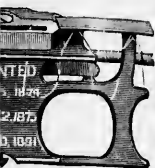


With 2 cutter grinders, 2 cranks, 2 sets boxes and 1 cutter, each 3-8, 1-2, 5-8, 3-4 and 7-8 inch ..... Each \$11.25

Gummer Cutters

Inch	1-1/8	5-16	3-8	1-2	5-8	3-4	7-8	1
Each	\$0.55	.55	.55	.55	.85	1.12 1/2	1.40	1.70

et Gauge.



AUGE.



Per dozen sets \$12.00



PERFECT."

.... Per dozen \$4.50  
 .... Per dozen 9.00

CROSS-CUT SAW GAUGE



SMITH'S, for filing Cleaner Teeth of Cross-Cut Saws ..... Per dozen \$0.85  
 WHITING'S ..... Per dozen 2.25



Mixer's.

No. 1—For Saws thinner than 12 gauge ..... Each \$1.00  
 No. 2—Medium size, for Saws 8 to 12 gauge ..... Each 4.50  
 No. 3—Large size, for Saws 5 to 10 gauge ..... Each 5.50

Disston's Conqueror.

No. 3—For Small Circular Saws ..... Each \$3.00  
 No. 2—For Small Circular and Mill Saws ..... Each 3.75  
 No. 1—For Large Circular Saws ..... Each 4.50

Brass Saw Screws



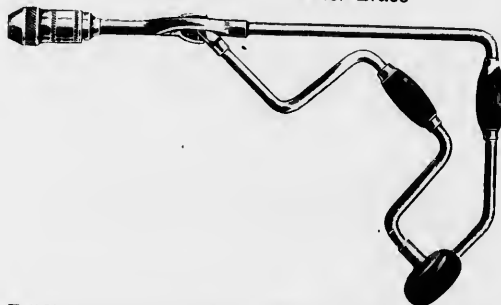
Style of No. 2.  
 Full size cut of No. 1.



Full size cut of No. 3.

No. 2—Brass Saw Screws ..... Per gross \$3.75  
 No. 3—Brass Saw Screws ..... Per gross 6.75  
 Half gross in a box.  
 Quarter gross in a box.

Amidon's Patent Corner Brace

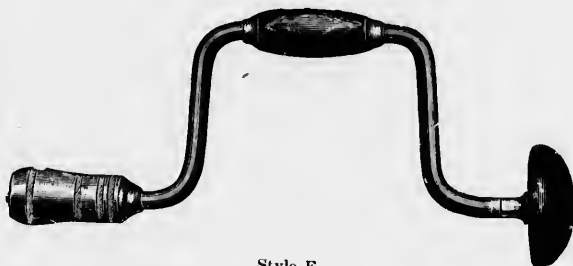


Full Nickel Plate, Steel Rods, Black Walnut Head and Handles.

No. A8—8 inch Sweep ..... Each \$1.50  
 No. A10—10 inch Sweep ..... Each 4.50  
 One-third dozen in a box.

No. H 8—8 in  
 No. H 16—10 in  
 No. F 8—8 in  
 No. F 10—10 in  
 No. F 12—12 in  
 No. E 8—8 in  
 No. E 10—10 in  
 No. E 12—12 in  
 No. 410—10 inch  
 No. 308—8 inch s  
 No. 310—10 inch  
 No. 312—12 inch  
 Steel S  
 No. 208—8 inch s  
 No. 210—10 inch s  
 No. 212—12 inch s

BARKER'S IMPROVED BRACES



Style F.

STYLE H.—Polished Birch Head and Handle.

No. H 8—8 inch sweep, 7-16 inch steel rods	Per dozen	\$ 4.95
No. H 16—10 inch sweep, 7-16 inch steel rods	Per dozen	5.40

STYLE F.—Polished Walnut Head and Handle.

No. F 8—8 inch sweep, 7-16 inch steel rods	Per dozen	5.75
No. F 10—10 inch sweep, 7-16 inch steel rods	Per dozen	7.00
No. F 12—12 inch sweep, 7-16 inch steel rods	Per dozen	7.50

STYLE E.—Full Nickel Plate, Lignumvitæ Head, Rosewood Handles.

No. E 8—8 inch sweep, 7-16 inch steel rods	Per dozen	10.50
No. E 10—10 inch sweep, 1-2 inch steel rods	Per dozen	11.25
No. E 12—12 inch sweep, 1-2 inch steel rods	Per dozen	12.00

Half dozen in a box.

Improved Sleeve Braces



No. 410 Polished.

Steel Sweep and Jaws, Black Enamelled Head and Handle.

No. 410—10 inch sweep	Per dozen	\$10.25
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Nos. 308 to 312.

Steel Sweep and Jaws, Mahogany Stained Head and Handle, Full Nickel Plate.

No. 308—8 inch sweep	Per dozen	15.25
No. 310—10 inch sweep	Per dozen	16.25
No. 312—12 inch sweep	Per dozen	18.00

Nos. 208 to 212.

Steel Sweep and Jaws, BALL BEARING HEADS, Cocobolo Head and Handle, Full Nickel Plate.

No. 208—8 inch sweep	Per dozen	20.75
No. 210—10 inch sweep	Per dozen	23.50
No. 212—12 inch sweep	Per dozen	26.00

Half dozen in a box.



cut of No. 3.  
Per gross \$3.75  
Per gross 6.53

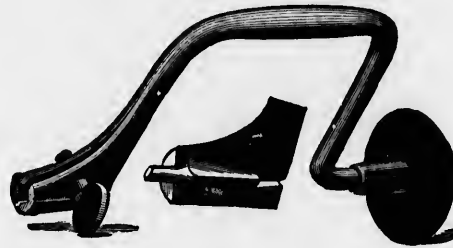
Each \$1.39  
Each 4.85

Per dozen \$0.85  
Per dozen 2.20

Each \$1.00  
Each 4.50  
Each 5.50

Each \$3.00  
Each 3.75  
Each 4.50

SPOFFORD'S BRACES



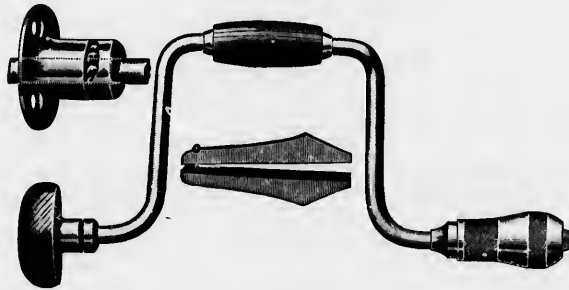
CANADIAN—Birch Head.

No. ....	1	2
Sweep, inch .....	8	10
Per dozen .....	\$10.50	11.25

AMERICAN—Iron Head.

No. ....	10	12	14
Sweep, inch .....	10	12	14
Per dozen .....	\$19.00	21.50	24.00

Barber Improved Braces



Heavily Nickel-Plated. Steel Sweep.

The head has a bearing of steel balls, running on hardened steel plates, so that no wear can take place, as the friction is reduced to the minimum.

No. 11—12 inch sweep.....	Per dozen	\$33.00
No. 12—10 inch sweep.....	Per dozen	30.00
No. 13—8 inch sweep.....	Per dozen	26.00
No. 14—6 inch sweep.....	Per dozen	21.75
No. 15—4 inch sweep.....	Per dozen	21.00
No. 16—4 inch sweep, with adjustable chuck, for piano makers' use.....	Per dozen	21.00

Half dozen in a box.

No. C 8-8  
No. O 10-10

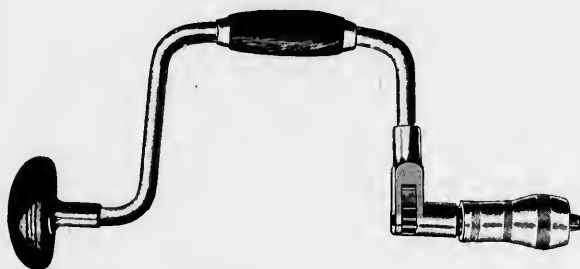
No. S 10-1

No. 102-10  
No. 122-12

A good

No. 0102-10  
No. 1002-10

RATCHET BRACES



Style of No. O—Polished, and No. S.

STYLE O—Polished Rods, Walnut Head and Handle.

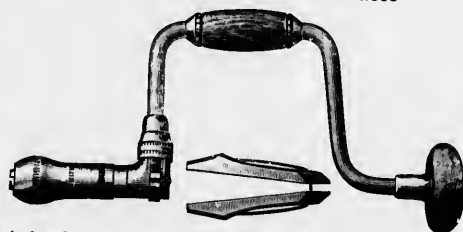
- No. C 8—8 inch sweep, 7-16 inch steel rods . . . . . Per dozen \$11.25
- No. O 10—10 inch sweep, 7-16 inch steel rods . . . . . Per dozen 12.00

STYLE S—Full Nickel Plate, Lignumvitæ Head, Cocobolo Handles.

- No. S 10—10 inch sweep, 1-2 inch steel rods . . . . . Per dozen \$16.50

Half dozen in a box.

Improved Sleeve Ratchet Braces



Nickel-plated, Blue Steel Jaws, Mahogany Stained, Head and Handle.

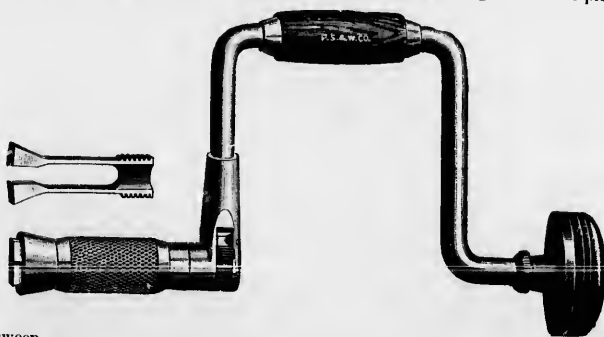
- No. 102—10 inch sweep . . . . . Per dozen \$24.25
- No. 122—12 inch sweep . . . . . Per dozen 27.00

Half dozen in a box.

Ratchet Braces

Lignumvitæ Heads, Rosewood Centres.

A good mechanic uses the best tools. A positive, simple ratchet, changed from right to left in an instant. The only brace made with *solid steel jaws*, spring tempered, forged from one piece.



- No. 9102—10 inch sweep . . . . . Per dozen \$31.50
- No. 1002—10 inch sweep, with ball-bearing heads . . . . . Per dozen 33.00

Half dozen in a box.

..... 2  
..... 10  
..... 11.25

12 .. 14  
12 .. 14  
21.50 .. 21.00

can take place, as the  
..... Per dozen \$33.00  
..... Per dozen 30.00  
..... Per dozen 26.00  
..... Per dozen 21.75  
..... Per dozen 21.00  
..... Per dozen 21.00

**RATCHET BRACE**

With Breast Drill Attachment (or Drill Brace).

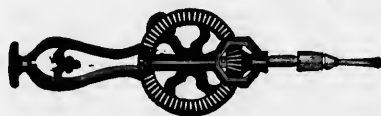


Cut Gears. Bill Bearing Head.

This Brace is furnished with two sets of forged steel jaws, one for ordinary bits, the other taking round shank drills down to the smallest ordinary size. To aid in firmly holding the round shank drills, we furnish a small sleeve wrench, which can be used advantageously, the socket being instantly locked by turning the ring to allow both pawls to fall into the ratchet, thus preventing the socket turning in either direction.

Each ..... \$4.30

**Hand Drills**



No. 4.

Complete with Six Drills.

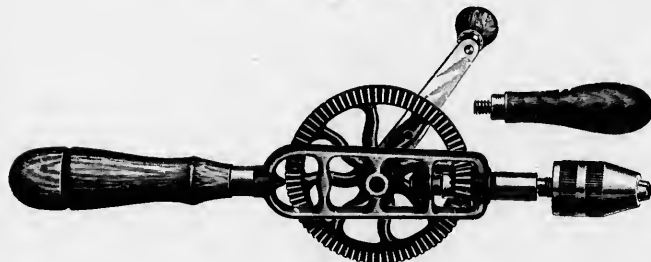
No. 4—Single Gear, Iron Head, Brass Chuck ..... Each \$0.90



No. 1.

Complete with Six Drills.

Hollow Rosewood Head. Nickel-plated. Will hold Twist Drills, 1-8 inch and smaller. No. 1—Single Gear, Nickel-plated. Each \$2.10

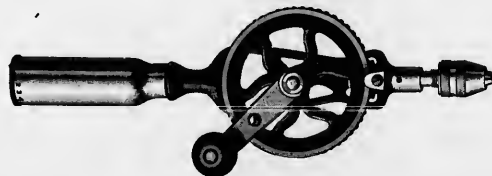


No. 2.

Complete with Six Drills.

Will hold all Drills, 1-4 inch and smaller.

No. 2—Hollow Rosewood Handle, Nickel-plated. Each ..... \$4.25



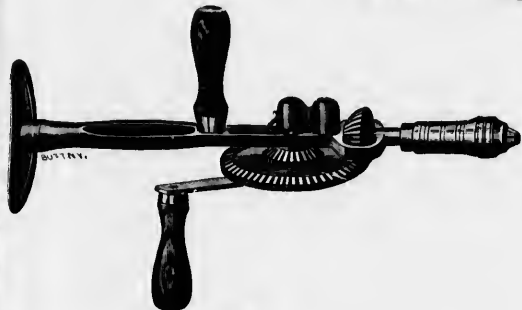
No. 4—GOODELL'S.

Complete with Eight Drills.

No. 4—Hollow Nickel-plated Brass Handle, each compartment separately numbered. .... Each \$2.75

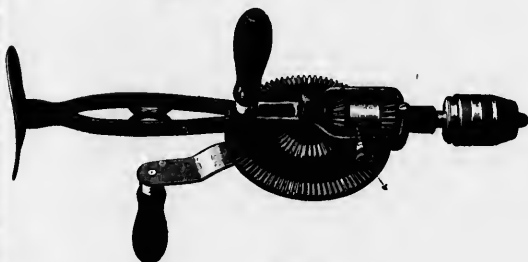


BREAST DRILLS



No. 12.

Japanned, rosewood handles, changeable gear. Chuck holds all shape tools, and with extra set of jaws for holding small round shanks. . . . . Each, \$4.25.



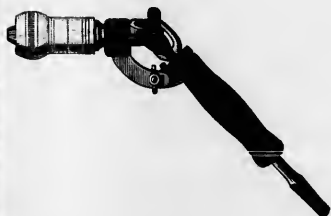
No 6—GODELL'S.

Japanned, rosewood handles, double-gear, one gear remaining idle, and acting as an anti-friction bearing when the other is at work. Chuck is 3-jawed, and will hold from No. 0 drills to 1/2 inch. It has two speeds and can be changed from fast to slow by turning thumbscrew at side. Each, \$5.00.



No. 13.

Extra large, nickel-plated rosewood handles, double gear, chuck holds all shape tools, and with extra jaws for holding small round shanks. . . . . Each, \$6.00.



Patent Universal Angular Bit Stock

To be used in connection with a brace and bit for boring holes in places where the brace and bit alone could not be used. Each, \$2.40.

For taking round shank  
furnish a small sleeve  
the ring to allow both  
..... \$4.50

4.  
Six Drills.  
on Head, Brass  
..... Each \$0.90

1.  
Six Drills.  
Head. Nickel-plated.  
1-8 inch and smaller.  
Nickel-plated. Each \$2.10

No. 2.  
Six Drills.  
Head, 1-4 inch and  
smaller.  
Low Rosewood  
Nickel-plated  
..... \$1.25

GODELL'S.  
Eight Drills.  
Nickel-plated Brass  
compartment  
..... Each \$2.50

**BENCH PLANES.**  
Extra Cast Steel Irons.



**Smooth Planes.**

No. 3—2 to 2 1-4 Inch Double Iron, with Start ..... Each, 90 Cents



**Solid Handle Smooth Planes.**

No. 7—2 to 2 1-4 Inch Double Iron, with Start ..... Each, \$1 75



**Jack Planes.**

No. 12—2 to 2 1-4 Inch Double Iron, with Start ..... Each, \$1 00



**Razeed Jack Planes.**

No. 16—2 to 2 1-4 Inch Double Iron, with Start ..... Each, \$1 20



**Fore Planes.**

No. 20—2 3-8 to 2 5-8 Inch Double Iron, with Start ..... Each, \$1 40



**Jointer Planes.**

No. 30—2 1-2 to 2 3-4 Inch Double Iron, with Start, 26 Inches Long ..... Each, \$1 50  
No. 31—2 1-2 to 2 3-4 Inch Double Iron, with Start, 28 Inches Long ..... Each, 1 60  
No. 32—2 1-2 to 2 3-4 Inch Double Iron, with Start, 30 Inches Long ..... Each, 1 75

**MOULDING PLANES.**



**Jack Rabbet Planes.**

No. 53—Slide Handle, 2 Cutters, 1 1-4 to 2 Inches.....Each, \$1 80



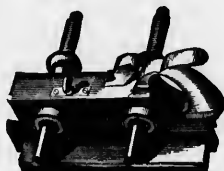
**Board Match Planes.**

No. 70—Iron Faced, 3-8 to 1 1-4 Inches .....Per Pair, \$1 50



**Panel Plows.**

No. 80—Beechwood, 8 Irons, Screw Stop, with Applewood Screw Arms.....Each, \$4 50



**Handled Panel Plows.**

No. 90—Beechwood, 8 Irons, Screw Stop, Applewood Screw Arms.....Each, \$5 50

No. 94—Beechwood, 8 Irons, Screw Stop, Boxwood Screw Arms, Fence Boxed.....Each, 7 00

No. 96—Boxwood, 8 Irons, Screw Stop, Boxwood Screw Arms .....Each, 9 00

Cents-

\$1 75

\$1 00

\$1 20

\$1 40

\$1 50  
\$1 60  
\$1 75

**MOULDING PLANES.**



**No. 105. Single Boxed Beads.**

Inches.....	<b>1-8 to 1-2</b>	<b>5-8 to 3-4</b>	<b>7-8 to 1</b>	<b>1 1-8 to 1 1-4</b>
Each.....	50 Cts.	55 Cts.	70 Cts.	90 Cts.



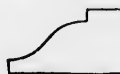
**No. 108. Double Boxed Center Beads.**

Inches.....	<b>1-8 to 1-2</b>	<b>5-8 to 3-4</b>
Each.....	60 Cts.	65 Cts.



**Filletsters.**

- No. 110—With Brass Side Stop and Cutter, 1 1-2 Inch.....Each, \$1 40
- No. 121—With Brass Screw Stop and Cutter, Solid Boxed, 1 1-2 Inch.....Each, 2 50



**Ogee Planes.**

No. 128—Sizes, 3-8 to 1 Inch.....Each, 65 Cts.



**Quarter Round Planes.**

No. 155—Sizes, 3-8 to 5-8 Inch.....Each, 50 Cts.



**No. 156. Cove Planes.**

Inches.....	<b>3-8 to 5-8</b>	<b>3-4 to 1</b>
Each.....	50 Cts.	65 Cts.

**MOULDING PLANES.**



**Cove and Bead Planes.**

No. 157—Sizes, 3-8 to 5-8 Inch ..... Each, 50 Cents.



**Nosing Planes.**

No. 158—Sizes, 1 to 1 1-4 Inch ..... Each, \$1 00



**Dado Planes.**

No. 177—With Screw Stop, Sizes, 1-8 to 1 Inch ..... Each, \$1 50



**No. 180. Hollows and Rounds.**

*In Sets of Nine Pairs.*

Nos.....	2	4	6	8	10	12	14	16	18	} Per Set of 9 Pairs. \$7 20
Inches.....	1-4	3-8	1-2	5-8	3-4	7-8	1	1 1-4	1 1-2	



**No. 181. Skew Rabbit Planes.**

inches.....	1-2 to 1	1 1-8 to 1 1-4	1 3-8 to 1 1-2	1 5-8 to 1 3-4	1 7-8 to 2
Each.....	60 Cts.	65 Cts.	70 Cts.	80 Cts.	90 Cts.



**Table Planes.**

No. 185—Table Planes with Gauge, 1-2 to 5-8 Inch ..... Per Pair, \$1 10

**STANLEY'S IRON BLOCK PLANES**

Planes marked NET are special and not subject to regular discount allowed off Stanley Planes.



No. 101.



No. 102.



No. 103.

- No. 101—Length 3 1-2 inches, 1 inch cutter ..... Each \$0.50  
 No. 102—Length 5 1-2 inches, 1 1-4 inch cutter..... Each .40  
 No. 103—Adjustable, length 5 1-2 inches, 1 1-4 inch cutter..... Each .50



No. 110.



No. 120.

- No. 110—Length 7 1-2 inches, 1 3-4 inch cutter ..... Each \$0.60  
 No. 120—Adjustable, length 7 1-2 inches, 1 3-4 inch cutter..... Each .55



No. 130.

- No. 130—Double Ender Block Plane, length 8 inches, 1 3-4 inch cutter..... Each \$0.80  
 Has two slots and two cutter seats. It can be used as a block plane, or, by reversing as per dotted lines, it can be used to plane close up into corners.

**Bailey's Adjustable Iron Block Planes**



No. 9 1-2.



No. 9 3-4

- No. 9 1-2—Excelsior Block Plane, length 6 inches, 1 3-4 inch cutter ..... Each \$1.50  
 No. 15—Excelsior Block Plane, length 7 inches, 1 3-1 inch cutter ..... Each 1.60  
 No. 9 3-4—Excelsior Block Plane, Rosewood handle, length 6 inches, 1 3-4 inch cutter ..... Each 1.50  
 No. 15 1-2—Excelsior Block Plane, Rosewood handle, length 7 inches, 1 3-4 inch cutter ..... Each 1.60



No. 18.

**Bull Nose Rabbit Plane**



No. 75.

- No. 18—Improved Knuckle-joint Block Plane. The single movement of putting the cap in position will firmly clamp the cutter. Length 6 inches, 1 3-4 inch cutter, lateral adjustment, nickel-plated trimmings. Each \$1.50  
 No. 19—Same as No. 18, but 7 inches in length ..... Each 1.60  
 No. 75—Bull Nose Rabbit Plane, iron stock, length 4 inches, 1 inch cutter ..... Each .50  
 No. 101, half dozen, all others one only in a box.

Stanley Planes.



No. 103.  
 ..... Each \$0.50  
 ..... Each .40  
 ..... Each .60



No. 120.  
 ..... Each \$0.60  
 ..... Each .50

..... Each \$0.80  
 over dotted lines, it



No. 3-4  
 ..... Each \$1.50  
 ..... Each 1.00  
 ..... Each 1.50  
 ..... Each 1.50

Joint Plane



No. 75.  
 position will firmly  
 trimmings. Each \$1.50  
 ..... Each 1.50  
 ..... Each .50

BAILEY'S PATENT ADJUSTABLE PLANES.



Cut showing Stanley's Patent Lateral Adjustment.

The above sectional view of a Plane illustrates the new method of Adjusting a Plane Iron, SIDEWISE, to set the cutting edge exactly square with the face of the Plane. This is effected by the Lever just under the Plane Iron. This Lever, for sidewise adjustment, is attached to all BAILEY IRON PLANES AND BAILEY WOOD PLANES.

Bailey's Iron Planes.



Nos. 2 to 4 1-2.

- No. 2. Smooth Plane, 7 Inches in Length, 1 5-8 Inch Cutter.....Each, \$2 75
- No. 3. Smooth Plane, 8 Inches in Length, 1 3-4 Inch Cutter.....Each, 3 00
- No. 4. Smooth Plane, 9 Inches in Length, 2 Inch Cutter.....Each, 3 25
- No. 4 1-2. Smooth Plane, 10 Inches in Length, 2 3-8 Inch Cutter.....Each, 3 75



Nos. 5 to 8.

- No. 5. Jack Plane, 14 Inches in Length, 2 Inch Cutter.....Each, \$3 75
- No. 6. Fore Plane, 18 Inches in Length, 2 3-8 Inch Cutter.....Each, 4 75
- No. 7. Jointer Plane, 23 Inches in Length, 2 3-8 Inch Cutter.....Each, 5 50
- No. 8. Jointer Plane, 24 Inches in Length, 2 5-8 Inch Cutter.....Each, 6 50

ONE IN A BOX.

## BAILEY'S ADJUSTABLE WOOD PLANES



- No. 21—Smooth Plane, 7 inches in length, 1 3/4 inch cutter..... Each \$2.00  
 No. 24—Smooth Plane, 8 inches in length, 2 inch cutter..... Each 2.00



- No. 35—Handled Smooth, 9 inches in length, 2 inch cutter..... Each \$2.50  
 No. 36—Handled Smooth, 10 inches in length, 2 3/8 inch cutter..... Each 2.75



- No. 26—Jack Plane, 15 inches in length, 2 inch cutter..... Each \$2.25  
 No. 27—Jack Plane, 15 inches in length, 2 1/8 inch cutter..... Each 2.50  
 No. 28—Fore Plane, 18 inches in length, 2 3/8 inch cutter..... Each 2.75  
 No. 29—Fore Plane, 20 inches in length, 2 3/8 inch cutter..... Each 2.75  
 No. 31—Jointer Plane, 24 inches in length, 2 3/8 inch cutter..... Each 3.00  
 No. 32—Jointer Plane, 26 inches in length, 2 5/8 inch cutter..... Each 3.25  
 No. 33—Jointer Plane, 28 inches in length, 2 5/8 inch cutter..... Each 3.25

## Stanley's Adjustable Circular Plane



With flexible steel face, which can be easily shaped to any required arc, either concave or convex, by turning the knob on the front of the plane.

- No. 113—Adjustable Circular Plane, 1 3/4 inch cutter..... Each \$4.00

One in a package.



**ADJUSTABLE, BEADING, RABBET AND SLITTING PLANE.**

NET.



No. 45.

Cut of Slitting Attachment used on Planes No. 45, 41 and 46.

This Plane embraces in a compact and practical form (1) Beading and Center Beading Plane; (2) Rabbet and Filletster; (3) Dado; (4) Plow; (5) Matching Plane; and (6) a superior Slitting Plane. Each Plane is accompanied by seven Beading Tools (1-8, 3-16, 1-4, 5-16, 3-8, 7-16 and 1-2 inch), nine Plow and Dado Bits (1-8, 3-16, 1-4, 5-16, 3-8, 7-16, 1-2, 5-8 and 7-8 inch), a Slitting Tool, and a Tonguing Tool.

No. 45. Iron Stock and Fence, with above 18 Tools and Bits.....Each, \$8.00



Sample Cuts of the 18 Tools sold with Plane No. 45.  
ONE IN A BOX.

**Hollows and Rounds.**



Can be attached to Plane No. 45. But are NOT included in the REGULAR Assortment of parts furnished with that Plane.

Nos.....	6	8	10	12
Works, Cir-				
cle, In....	3-4		1 1-4	
Per Pair....	\$1 40	1 1.40	1.40	1 1-2 1.40
		ONE PAIR IN A BOX.		

or convex, by turning

.....Each \$4.00

..... Each \$2.00  
..... Each 2.00

..... Each \$2.50  
..... Each 2.75

..... Each \$2.25  
..... Each 2.30  
..... Each 2.75  
..... Each 2.75  
..... Each 3.00  
..... Each 3.35  
..... Each 3.35

STANLEY'S ADJUSTABLE STEEL PLANES



- No. 104—Smooth Plane, length 9 inches, 2 1-8 inch cutter ..... Each \$2.75
- No. 105—Jack Plane, length 14 inches, 2 1-8 inch cutter ..... Each 3.50

Bailey's Adjustable Veneer Scraper



- No. 12—Adjustable Veneer Scraper, 3 inch cutter ..... Each \$3.50

Stanley's Adjustable Scraper Plane



For Scraping and Finishing Veneers, Cabinet work or Hard Woods. By use of an extra cutter, specially prepared, a superior Tothing Plane is made; and in addition to the ordinary work of such a plane, this one will do excellent work in scraping off old paint and glue.

- No. 112—Adjustable Scraper Plane, length 9 inches, 3 inch cutter ..... Each \$3.00
- Extra Cutters for Veneer Scraping ..... Each .25
- Extra Cutters for Tothing, Nos. 22, 23, 32 (22, 28 or 32 teeth per inch)..... Each .33

Patent Duplex Rabbet Plane and Filletster

NET.



- No. 78—Iron Stock and Fence, 8 1-2 inches in length, 1 1-2 inch cutter ..... Each \$1.50

All above, one in a box.

This tool is  
Filetster and  
than an ordin  
With ex  
blade are fur  
perfect match

No. 41—Iron

No. 43—Iron

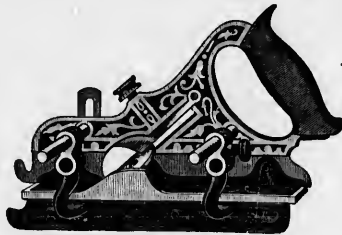
For Bead  
six cutters, sh  
No. 72—Cham

This tool s  
Wheelwright.  
surface of any w  
The bits ca  
will plane into c  
any other tool.

No. 71—Iron sto

**MILLER'S PATENT COMBINED  
PLOW, FILLETSTER AND MATCHING MACHINE**

NET.



This tool embraces, in a most ingenious and successful combination, the common Carpenter's plow, an adjustable Filletster and a perfect Matching plane. The entire assortment can be kept in a smaller space, or made more portable, than an ordinary Carpenter's plow.

With each tool eight forged plow bits ( $\frac{1}{8}$ ,  $\frac{3}{16}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{7}{16}$ ,  $\frac{1}{2}$  and  $\frac{5}{8}$  inch), a Filletster cutter and a slitting blade are furnished; also a Tonguing tool ( $\frac{1}{4}$  inch), and by use of the latter, with the  $\frac{1}{4}$  inch Plow Bit for grooving, a perfect matching plane is made.

**COMBINED PLOW, FILLETSTER AND MATCHING PLANE.**

No. 41—Iron Stock and Fence ..... Each \$9.00

**COMBINED PLOW AND MATCHING PLANE—WITHOUT FILLETSTER.**

No. 43—Iron Stock and Fence ..... Each \$7.00

**Patent Adjustable Chamfer Plane**

NET.

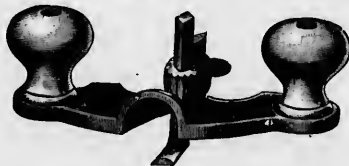


For Beading, Reeding or Moulding a chamfer, an additional section to this plane is furnished (price \$1.00) with six cutters, sharpened at both ends, including a large variety of ornamental forms.

No. 72—Chamfer Plane, 9 inches in length,  $1\frac{1}{8}$  inch cutter ..... \$2.00

**Woodworkers' Handy Router Plane**

NET.



This tool should be added to the kit of every skilled Carpenter, Cabinet Maker, Stair Builder, Pattern Maker or Wheelwright. It is perfectly adapted to smooth the bottom of grooves, panels or all depressions below the general surface of any woodwork.

The bits can also be clamped to the backside of the upright post, and outside of the stock. In this position they will plane into corners, will router out mortises for Sash frame Pulleys, or will smooth surfaces not easily reached with any other tool.

No. 71—Iron stock, with steel bits ( $\frac{1}{4}$  and  $\frac{1}{2}$  inch) ..... \$1.50

All above one in a box.

..... Each \$2.75  
..... Each 3.50

..... Each \$3.50

extra cutter, specially  
plane, this one will do

..... Each \$3.00  
..... Each .25  
..... Each .35

..... Each \$1.50

**TRAUT'S ADJUSTABLE DADO, FILLETSTER, PLOW, ETC.**



NET.

By attaching the Guard Plate to the Sliding Section, the Tool may be readily converted into a Plow, a Filletster, or a Matching Plane. Furnished with Eight Plow and Dado Bits (3-16, 1-4, 5-16, 3-8, 1-2, 5-8, 7-8, and 1 1-4 In.), a Filletster Cutter, a Slitting Tool (See Cut with Plano No. 45), and a Tonguing-Tool.

No. 46. Iron Stock and Fence Complete, with Bits and Tools noted above.....Each, \$7.00

**Adjustable Dado Only.**

No. 47. Has the same Stock and Arms as shown above in No. 46. But it can be used as a Dado only. Price Complete, including Bits 3-8, 1-2, 5-8, 7-8 and 1 1-4 Inch, and Slitting Tool.....Each, \$4.00

ONE IN A BOX.

**Stanley's Adjustable Chisel Gauge.**

NET.



Useful in finishing work where blind nailing is required. By attaching the gauge to a 1-4 Inch Chisel (with beveled edge up), a shaving of any thickness can be raised with precision; and when glued down again, this shaving will fit its recess perfectly.

No. 496. Chisel Gauge, Steel Stock.....Per Dozen, \$2.40

HALF DOZEN IN A BOX.

**Stanley's Universal Hand Bearer.**

NET.



For Beading, Reeding or Fluting straight or irregular surfaces, and for all kinds of light Routing. Seven Steel Cutters, sharpened at both ends, go with each Tool. Thus embracing six ordinary sets of Beads, four sets of Reeds, two Fluters and a Double Router Iron (1/8 and 1/4 Inch).

No. 60. Iron Stock, with seven Steel Cutters.....Each, \$1.25

ONE IN A BOX.

Inch .....  
Per dozen .....

Inch .....  
Per dozen .....

Illustrat

Illustrati  
The greater  
plane iron to all w  
Inch .....  
Single .....  
Double .....

Nos.....  
Per dozen .....

PLANE IRONS

Howarth's Single Cut Plane Iron



Inch .....	1 3-4	2	2 1-8	2 1-4	2 3-8	2 1-2	2 5-8	2 3-4	3
Per dozen .....	\$ 3.00	3.40	3.60	4.00	4.50	4.65	5.25	5.75	7.25

Half dozen in a box.

Howarth's Double Plane Iron



Inch .....	2	2 1-8	2 1-4	2 3-8	2 1-2	2 5-8
Per dozen .....	\$6.25	6.50	7.25	8.00	8.50	9.00

Stanley's Patent Improved Plane Iron

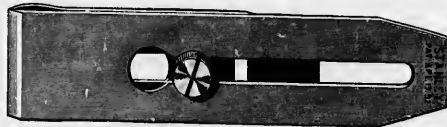


Illustration of plane iron, with cap-screw fastened just back of circular opening in the slot, and in position for using the iron.



Illustration of plane iron, with cap screw moved to back end of the slot, and in position for sharpening the iron, without removing the cap.

The greater convenience in using, and the security from loss of the different parts, both commend this improved plane iron to all wood-workers.

Inch .....	1 1-4	1 5-8	1 3-4	2	2 1-8	2 3-8	2 5-8
Single .....	\$2.75	3.40	3.80	4.25	4.50	5.00	5.50
Double .....	5.50	6.25	6.75	7.50	8.25	9.00	9.50

Block Plane Irons

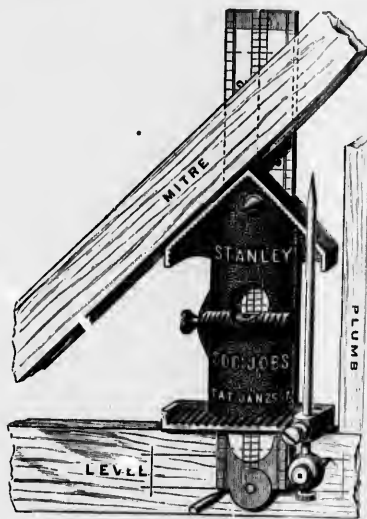
Nos. ....	9 1-2	101	102	110
Per dozen .....	\$2.75	.90	1.75	2.25

Half dozen in a box.

## STANLEY'S "ODD JOBS"

This tool embraces in itself and when in combination with an ordinary carpenters' rule:

Try Square.  
Mitre Square.  
T— Square.  
Marking Gauge.  
Mortise Gauge.  
Depth Gauge.  
Mitre Level.  
Spirit Level and Plumb.  
Beam Compass.  
Inside Square for making boxes and frames.



No. 1— Odd Jobs, nickel-plated, with Level..... Each \$1.00

## Mitre Boxes

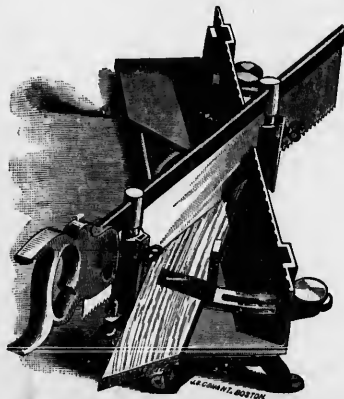


New Langdon

## NEW LANGDON.

No.	Size	Each	Saw	Capacity at Right angles	Capacity at Mitre
18	1	\$14.25	20x4 inch.	6 inch width	4 inch width

NEW LANGDON angles are positive, and are easily adjusted to any angle desired within the range of ordinary mitre boxes, viz.: Right angle to 45 degrees, inclusive.



New Langdon Improved.

## NEW LANGDON IMPROVED.

No.	Size	Each	Saw	Capacity at Right angles	Capacity at Mitre
27	1	\$15.75	20x1 inch	6 inch width	4 inch width
28	1	17.25	22x4 inch	6 inch width	4 inch width
29	1	20.75	24x4 inch	6 inch width	4 inch width
33	2	20.75	26x4 inch	9 inch width	6½ inch width

The New Langdon Improved has the *additional* feature of easy adjustment to *any possible angle desired* (by using the circular arms or guides), from right angles to 73 degrees, and is adjustable for mitring circular work in patterns, emery wheels and segments of various kinds.

CARVING TOOLS

"Addis"



	No. 1.				
Inch.....	1-8	3-16	1-4	3-8	1-2
Per dozen.....	\$2.55	2.55	2.55	2.55	2.55



	No. 2.				
Inch.....	3-8	1-2	5-8	3-4	1 1 1-4
Per dozen.....	\$3.00	3.00	3.00	3.00	3.60 4.80



	No. 3.				
Inch.....	3-8	1-2	5-8	3-4	1 1 1-4
Per dozen.....	\$3.00	3.00	3.00	3.45	4.05 5.70



	No. 4.	
Inch.....	1	1 1-4
Per dozen.....	\$4.05	5.70



	No. 5.		
Inch.....	1-2	3-4	1 1 1-4
Per dozen.....	\$3.00	3.45	4.05 5.70



	No. 6.			
Inch.....	3-8	1-2	5-8	3-4 1
Per dozen.....	\$3.00	3.00	3.00	3.45 4.05



	No. 7.			
Inch.....	3-8	1-2	5-8	3-4 1
Per dozen.....	\$3.00	3.00	3.00	3.45 4.05



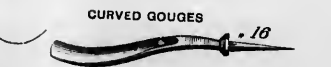
	No. 8.		
Inch.....	1-4	3-8	1-2 3-4
Per dozen.....	\$3.00	3.00	3.00 3.45



	No. 10.
Inch.....	Assorted to 1-4
Per dozen.....	\$3.40



	No. 11.
Inch.....	Assorted to 1-4
Per dozen.....	\$3.40



	No. 16.			
Inch.....	3-8	1-2	5-8	3-4
Per dozen.....	\$3.60	3.60	3.60	4.00



..... Each \$1.00








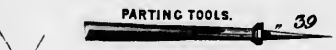




Capacity at  
Mitre  
4 inch width  
4 inch width  
4 inch width  
6 1/2 inch width

Capacity of  
Mitre  
4 inch width  
4 inch width  
4 inch width  
6 1/2 inch width

mat feature of easy  
g the circular arms  
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s and segments of

## CARVING TOOLS

## "Addis"

<b>CURVED GOUGES</b>		<b>No. 18.</b>				
	Inch.....	<b>1-4</b>	<b>3-8</b>	<b>1-2</b>	<b>5-8</b>	<b>3-4</b>
	Per dozen.....	\$3.60	3.60	3.60	3.60	4.00
<b>FRONT BENT GOUGES</b>		<b>No. 20.</b>				
	Inch.....	<b>3-16</b>	<b>1-4</b>	<b>5-16</b>	<b>3-8</b>	<b>5-8</b>
	Per dozen.....	\$3.60	3.60	3.60	3.60	4.50
<b>FRONT BENT GOUGES</b>		<b>No. 26.</b>				
	Inch.....	<b>3-8</b>	<b>1-2</b>			
	Per dozen.....	\$3.60	3.60			
<b>FRONT BENT GOUGES</b>		<b>No. 28.</b>				
	Inch.....	<b>1-4</b>	<b>3-8</b>	<b>1-2</b>		
	Per dozen.....	\$3.60	3.60	3.60		
<b>FRONT BENT GOUGES</b>		<b>No. 30.</b>				
	Inch.....	<b>1-8</b>	<b>1-4</b>	<b>3-8</b>	<b>1-2</b>	
	Per dozen.....	\$3.60	3.60	3.60	3.60	
<b>FRONT BENT GOUGES</b>		<b>No. 32.</b>				
	Inch.....	<b>1-16</b>	<b>1-8</b>	<b>3-16</b>		
	Per dozen.....	\$3.60	3.60	3.60		
<b>BACK BENT GOUGES</b>		<b>No. 36.</b>				
	Inch.....	<b>1-4</b>	<b>3-8</b>	<b>1-2</b>	<b>5-8</b>	
	Per dozen.....	\$3.60	3.60	3.60	3.60	
<b>PARTING TOOLS.</b>		<b>No. 39.</b>				
	Inch.....	<b>3-16</b>	<b>1-4</b>	<b>3-8</b>		
	Per dozen.....	\$4.50	4.50	4.50		
<b>PARTING TOOLS.</b>		<b>No. 41.</b>				
	Inch.....	<b>1-8</b>	<b>3-16</b>	<b>1-4</b>		
	Per dozen.....	\$4.50	4.50	4.50		
<b>PARTING TOOLS.</b>		<b>No. 42.</b>				
	Inch.....	<b>1-8</b>	<b>3-16</b>	<b>1-4</b>		
	Per dozen.....	\$4.80	4.80	4.80		
<b>PARTING TOOLS.</b>		<b>No. 43.</b>				
	Inch.....	<b>1-8</b>	<b>3-16</b>	<b>1-4</b>	<b>3-8</b>	<b>1-2</b>
	Per dozen.....	\$4.80	4.80	4.80	4.80	4.80
<b>PARTING TOOLS.</b>		<b>No. 45.</b>				
	Inch.....	<b>3-8</b>	<b>1-2</b>			
	Per dozen.....	\$4.50	4.50			

Inch .....  
Per dozen ...  
Inch .....  
Per dozen ...  
In sets of (10) C  
In sets of (12) C

Inch .....  
Per dozen ...  
Inch .....  
Per dozen ...  
In sets of (10) C  
In sets of (12) C  
In sets of (12) C

Inch .....  
Per dozen ...  
In sets of (12) C

In sets of (12) C  
In sets of (12) C



CAST STEEL TANGED FIRMER CHISELS

JAMES HOWARTH & SONS.



Inch .....	1-8	3-16	1-4	5-16	3-8	7-16	1-2	5-8	
Per dozen ...	\$1.45	1.45	1.45	1.50	1.60	1.75	1.80	1.95	
Inch .....	3-4	7-8	1	1 1-4	1 1-2	1 3-4	2		
Per dozen .....	\$2.10	2.20	2.50	3.60	4.50	5.40	6.60		
In sets of (10) Chisels, 1-8 to 1 1-2 inch .....								Per set	\$2.10
In sets of (12) Chisels, 1-8 to 2 inch .....								Per set	3.10



BEVELLED EDGE.

Inch .....	1-8	3-16	1-4	5-16	3-8	7-16	1-2	5-8	
Per dozen ...	\$2.70	2.70	2.70	2.80	2.85	3.00	3.15	3.30	
Inch .....	3-4	7-8	1	1 1-4	1 1-2	2			
Per dozen .....	\$3.45	3.85	4.00	5.70	6.40	9.80			
In sets of (10) Chisels, 1-8 to 1 1-2 inch .....								Per set	\$3.25
In sets of (12) Chisels, 1-8 to 2 inch .....								Per set	4.80
In sets of (12) Chisels, 1-8 to 2 inch, octagon boxwood handles .....								Per set	6.75

Cast Steel Tanged Paring Chisels

JAMES HOWARTH & SONS.



Inch .....	1-4	3-8	1-2	5-8	3-4	7-8	1	1 1-4	1 1-2	1 3-4	2	
Per dozen .....	\$2.50	2.55	2.80	3.15	3.55	3.90	4.65	6.30	7.65	9.00	11.00	
In sets of (12) Chisels, 1-8 to 2 inch .....											Per set	\$4.80
In sets of (12) Chisels, 1-8 to 2 inch .....											Per set	\$7.50
In sets of (12) Chisels, 1-8 to 2 inch, octagon boxwood handles .....											Per set	9.75

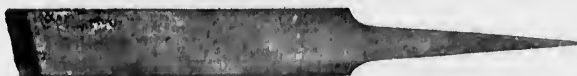
BEVELLED EDGE.

One-quarter and half dozen in a package.

(In sets) One set in a package.

## CAST STEEL TANGED TURNING CHISELS

JAMES HOWARTH &amp; SONS.



Inch.....	1-4	3-8	1-2	5-8	3-4	7-8	1	1 1-4	1 1-2	1 3-4	2
Per dozen....	\$1.95	2.20	2.40	2.65	3.00	3.80	3.75	4.80	6.15	7.50	8.75

One-quarter and half dozen in a package.

## Cast Steel Socket Firmer Chisels

6 Inch Blade.



Inch.....	1-8	1-4	3-8	1-2	5-8	3-4	7-8	1	1 1-4	1 1-2	1 3-4	2
Per dozen.....	\$4.00	4.25	4.50	4.75	5.00	5.50	5.75	6.00	6.50	7.00	8.00	8.75
In sets of (12), 1-8 to 2 inch.....	Per set \$6.00											
In sets of (10), omitting 7-8 and 1 3-4 inch.....	Per set 5.00											
In sets of (8), omitting 1-8, 5-8, 7-8 and 1 3-4 inch.....	Per set 4.00											
For bevelled edges add.....	Per dozen 2.25											

## Cast Steel Socket Paring Chisels

8 Inch Blade.

Inch.....	1-8	1-4	3-8	1-2	5-8	3-4	7-8	1	1 1-4	1 1-2	1 3-4	2
Per dozen.....	\$5.50	5.75	6.00	6.50	6.75	7.25	7.75	8.25	9.00	10.00	11.00	12.00
In sets of (12), 1-8 to 2 inch.....	Per set \$8.00											
In sets of (9), omitting 1-8, 7-8 and 1 3-4.....	Per set 6.00											
For bevelled edges add.....	Per dozen 3.00											

One dozen or one set in a box.

## Cast Steel Socket Framing Chisels

9 Inch Blade.



Inch.....	1-4 to 1-2	5-8	3-4	7-8	1	1 1-4	1 1-2	1 3-4	2	2 1-2	3
Per dozen.....	\$6.50	7.00	7.25	7.75	8.75	9.50	10.50	11.00	12.00	14.00	15.00

Half dozen in a box.

CAST STEEL SOCKET CORNER CHISELS

8 Inch Blade.



Inch.....	3-4	....	7-8	....	1	....	11-8	....	11-4	....	11-2
Per dozen.	\$15.00	....	16.00	....	17.00	....	18.00	....	19.50	....	22.00

Half dozen in a box.

Cast Steel Tanged Firmer Gouges

JAMES HOWARTH & SONS.



Inch.....	1-8	..	3-16	..	1-4	..	5-16	..	3-8	..	7-16	..	1-2	..	5-8
Per dozen....	\$1.75	..	1.75	..	1.75	..	1.80	..	1.95	..	2.10	..	2.20	..	2.35
Inch.....	3-4	..	7-8	..	1	..	11-4	..	11-2	..	13-4	..	2		
Per dozen.....	\$2.55	..	2.85	..	3.10	..	4.30	..	5.25	..	6.60	..	8.00		

In sets of (10) Gouges, 1-8 to 1 1-2 inch ..... Per set \$2.80  
 In sets of (12) Gouges, 1-8 to 2 inch..... Per set 3.60

INSIDE CANNEL.

Inch.....	1-4	..	3-8	..	7-16	..	1-2	..	5-8	..	3-4	..	7-8	..	1	..	11-4	..	11-2	..	2
Per dozen.....	\$1.80	..	2.05	..	2.20	..	2.25	..	2.40	..	2.70	..	2.85	..	3.15	..	4.80	..	5.40	..	8.10

Cast Steel Tanged Paring Gouges

JAMES HOWARTH & SONS.



Inch.....	1-4	..	3-8	..	1-2	..	5-8	..	3-4	..	7-8	..	1	..	11-4	..	11-2	..	2
Per dozen.....	\$4.15	..	4.20	..	4.50	..	4.80	..	5.25	..	5.40	..	6.30	..	8.25	..	9.45	..	13.80

One-quarter and half dozen in a package.

**CAST STEEL TANGED TURNING GAUGES**

EXTRA STRONG.

JAMES HOWARTH & SONS.



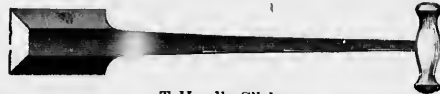
Inch.....	1-4	3-8	1-2	5-8	3-4	1	1 1-4	1 1-2	1 3-4	2
Per dozen.....	\$4.90	5.10	6.00	6.75	7.65	9.60	11.25	14.25	15.75	17.25

One-quarter and half dozen in a package.

Inch.....  
Per dozen.....

**Cast Steel Carpenters' Slicks**

T or Socket Handle.



T Handle Slick.



Socket Slick.

Inch.....	3	3 1-2	4
Per dozen.....	\$20.00	22.00	25.00

Inch.....  
Per dozen.....

**Cast Steel Carpenters' Draw Knives**

Razor Blade.



No. 1.

Inch.....	7	8	9	10	11	12
Per dozen.....	\$9.00	11.00	12.00	13.25	14.50	15.50

STAR.

Inch.....	7	8	9	10	11	12	14
Per dozen.....	\$10.00	10.50	11.00	11.50	12.25	13.00	14.50

Half dozen in a box.

Inch.....  
Per dozen.....

Inch.....  
Per dozen.....

**CAST STEEL FARMERS' DRAW KNIVES**

Oval Blades.



Inch.....	7	8	9	10	11	12
Per dozen .....	\$5.00	5.25	5.75	6.00	6.50	6.75

Half dozen in a package.

**Watrous Adjustable Draw Knives**

Razor Blade.



Inch.....	9	10
Per dozen.....	\$24.00	26.00

Half dozen in a box.

**Cast Steel Wagon Makers' Draw Knives**



Inch.....	7	8	9	10
Per dozen .....	\$10.50	11.50	12.50	13.50

**Cast Steel Narrow Coach Draw Knives**



Inch.....	7	8	9	10
Per dozen.....	\$9.50	11.00	12.00	13.25

Half dozen in a box.

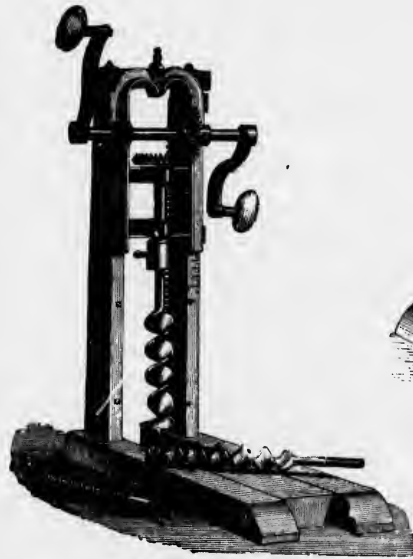
1-2 13-4 2  
14.25 15.75 17.25

1-2 4  
22.00 25.00

10 11 12  
3.25 14.50 15.50

11 12 14  
12.25 13.00 14.50

BORING MACHINES



Style of No. 3.

Hardwood frame and base. Complete with augers, one each 1, 1½ and 2 inch.

Upright.

No. 3—Square Shaft..... Each \$9.50

Angular, to Slant One Way, with Wrench.

No. 2—Round Shaft..... Each \$10.00

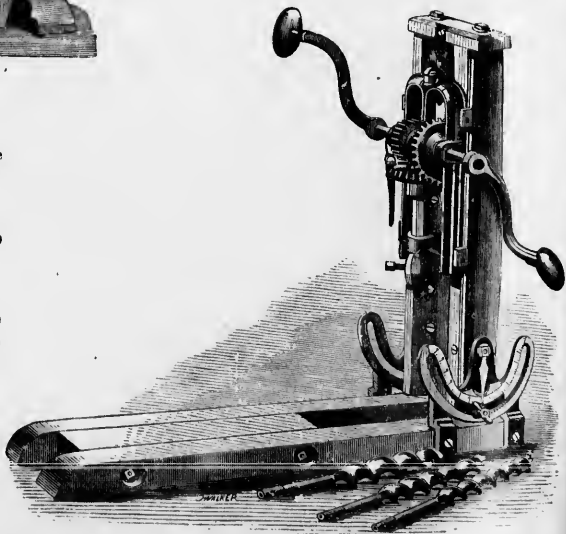
No. 2 1-2—Square Shaft..... Each 10.50

Angular, to Slant Both Ways, with Angle Indicator.

No. 4 1-2—Square Shaft .... Each \$10.50



Style of Nos. 2 and 2½.



Style of No. 4½.



Complete with

No.....  
Inch.....  
Per dozen.....  
  
No.....  
Inch.....  
Per dozen.....

**MILLERS FALLS BORING MACHINE**



This machine has been fully perfected in all its parts, and is now sold with full warrant that it will do better work and give better satisfaction than any other kind in use. The frame is made of half inch round steel rods; the braces are the same and attach to the rods at the top by a set screw. When this set screw is loosened, the frame falls over so as to bore at any desired angle.

The depth of hole to be bored is fixed by a stop, as seen on the left hand upright rod in the cut. When the frame strikes this stop a latch is lifted, and the machine throws itself into gear by the use of a spring, and the Auger is lifted out of the hole by continuing to turn the crank in the same direction.

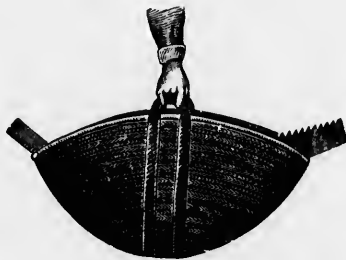
When the Auger is drawn from the hole the frame hangs itself up until the machine is moved to the next hole, then it is dropped down by turning the crank back until the Auger strikes the wood, when it is thrown out of gear and proceeds to bore the next hole. As seen in the cut, the machine has adjustable cranks which fully regulate its speed and power.

The gears are all cut, which is not common in other machines.

Complete with Augers, 1 1-4, 1 1-2, 2 inch..... Each \$15.75

**Carpenters' Tool Baskets**

Diaper Bound.



UNLINED.

No.....	No. 3 Large	No. 4 X Large	No. 5 X 10 Large
Inch.....	27	30	35
Per dozen.....	\$4.80	5.75	7.25

LINED.

No.....	No. 3 Large	No. 4 X Large	No. 5 X 10 Large
Inch.....	27	30	35
Per dozen.....	\$6.75	8.40	10.25

PLUMBS AND LEVELS



No. 0.

- No. 103—Levels, Arch top plate, two side views, polished, assorted, 18 to 24 inch..... Per dozen \$12 00
- No. 104—Plumb and Level, arch top plate, two side views, polished, assorted, 12 to 18 inch..... Per dozen 14 00
- No. 00—Plumb and Level, arch top plate, two side views, polished, assorted, 18 to 24 inch..... Per dozen 16 00
- No. 0—Plumb and Level, arch top plate, two side views, polished, assorted, 24 to 30 inch..... Per dozen 18 00
- No. 1 3-4—Mahogany Plumb and Level, arch top plate, two brass lipped side views, polished and tipped, assorted, 12 to 18 inch..... Per dozen 27 00

Patent Improved Adjustable



No. 3.

- No. 2—Patent Adjustable Plumb and Level, arch top plate, two brass lipped side views, polished, assorted, 24 to 30 inch..... Per dozen \$27 00
- No. 3—Patent Adjustable Plumb and Level, arch top plate, two side views, polished and tipped, assorted, 24 to 30 inch..... Per dozen 30 00



No. 5.

- No. 5—Patent Adjustable Plumb and Level, triple stock, arch top plate, two ornamental brass lipped side views, polished and tipped, assorted, 24 to 30 inch..... Per dozen \$48 00
- No. 10—Patent Adjustable Mahogany Plumb and Level, triple stock, two ornamental brass lipped side views, arch top plate, polished and tipped, assorted, 24 to 30 inch..... Per dozen 60 00

Stanley's Patent Hand-y Plumb and Level



This Level can be used in horizontal position, or can be brought to perpendicular for ascertaining a plumb, with remarkable ease, as the shallow grooves along the two sides afford an excellent grip on the tool. This Level will be especially useful in house-framing, bridge-building and general out-of-door work.

- No. 16—Patent Adjustable Hand-y Plumb and Level, cherry, arch top plate, two side views, polished and tipped, assorted, 24 to 30 inch..... Per dozen \$19.50 NET

No. 30—Patent tipped



No. 1—Improved

No. 1371 x 12 in  
No. 1370 x 12 in  
No. 1370 x 18 in

No. 1616—For  
No. 1616—For





PLUMBS AND LEVELS



No. 30.

No. 30—Patent Adjustable Plumb and Level, cherry, arch top plate, improved duplex side views, polished and tipped, assorted, 24 to 30 inch ..... Per dozen \$22.50 NET.  
Half dozen in a box.

Stanley's Improved Level Sights



By the use of these ingenious devices, which can be attached to any Level, the owner has a convenient and accurate means for leveling, from one given point to another at a long distance away. When not in use the level sights are easily detached, and can be packed away in a small space for future use.



No. 1—Improved Level Sights ..... Per pair \$1.15  
One pair in a box.

Rabone's Boxwood Plumbs and Levels

WITH RULE.

No. 1371 x 12 inch—1½ Inch wide, Plumb Level and Rule, brass ends ..... Per dozen \$12.50  
No. 1370 x 12 inch—2 Inch wide, Plumb Level and Rule, brass ends ..... Per dozen 12.75  
No. 1370 x 18 inch—2 Inch wide, Plumb Level and Rule, brass ends ..... Per dozen 18.00  
Half dozen in a box.

EXTRA LEVEL GLASSES.

No. 1616—For Plumb ..... Per dozen \$0.60  
No. 1616—For Level ..... Per dozen 1.20  
One dozen in a box.

Stanley's Dowel Sharpener

By its use Dowel Pins can be sharpened rapidly and uniformly.

No. 22—Dowel Sharpener ..... Per dozen \$2.75  
Half dozen in a box.



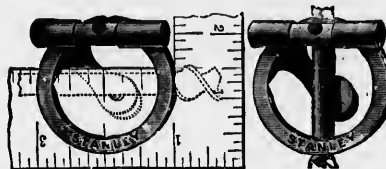
**MASONS' PLUMB AND LEVEL.**

No. 35. Adjustable, 3 3/4 In. Wide, 42 In. Long.....Per Dozen \$40.00



No. 35. Masons' Plumb and Level.

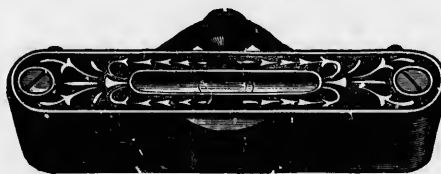
**Stanley's Bit and Square Level.**



No. 44. Cast Brass Frame.....Per Dozen, \$4.25

ONE IN A BOX.

**Pocket Levels.**



No. 41.

No. 40. Iron, Iron Top Plate, Japanned.....Per Dozen, \$1.25

No. 41. Iron, Brass Top Plate.....Per Dozen, 1.50

No. 42. All Brass, Brass Top Plate.....Per Dozen, 4.00

ONE DOZEN IN A BOX.

**Level Glasses.**

Inches.....	1 3/4	2	2 1/2	3	3 1/2
Per dozen .....	\$0.55	.55	.60	.60	.70

ALL ONE TWELFTH GROSS IN A BOX.

**PLUMB BOBS.**



Half Size Cut of No. 0 and Style of No. 00.



Half Size Cut of No. 1.



Half Size Cut of No. 2.

**Japanned Iron.**

No. 0.	Weight, 2 Lbs. 10 Oz., Adjusted Top.....	Per Dozen, \$3.40
No. 00.	Weight, 1 Lb. 2 Oz., Adjusted Top.....	Per Dozen, 2.10
No. 1.	Weight, 9 Oz., Staple Top.....	Per Dozen, 1.05
No. 2.	Weight, 9 1-2 Oz., Adjusted Top.....	Per Dozen, 1.15



Half Size Cut of No. 5.



Half Size Cut of Stanley's Adjustable No. 2.

**Cast Brass, Steel Pointed Screw Top.**

No. 5.	Weight, 6 Ounces Each.....	Per Dozen, \$5.40
No. 6.	Weight, 11 1-2 Ounces Each.....	Per Dozen, 7.50

**Stanley's Adjustable Bronze Metal Plumb Bob.**

No. 2.	Weight, 11 1-2 Ounces, Steel Point, Complete with Line and Reel.....	Per Dozen, \$21.00
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NO. 0, JAPANNED, IS LOOSE, AND NO. 2, ADJUSTABLE. ONE ONLY IN A BOX.

NOS. 00, 5 AND 6 ARE HALF DOZEN IN A BOX.

NOS. 1 AND 2, JAPANNED, ARE ONE DOZEN IN A BOX.

**GAUGES**

**Marking Gauges**



No. 61.

No. 61—Beechwood, boxwood thumb screw, oval bar, marked in inches ..... Per dozen \$9.50

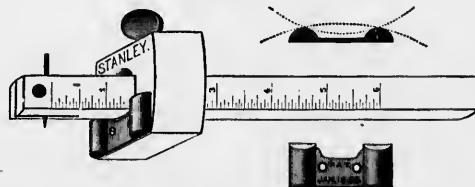


Patent Adjustable Steel Point.

No. 64—Beechwood, polished, plated head, boxwood thumb screw, oval bar, marked in inches, adjusting steel point ..... Per dozen \$2.40

One dozen in a box.

**Stanley's Patent Improved**



The brass face, with two ribs or protections attached to one side of the Gauge-head (see engraving), will enable the owner to run a gauge line with perfect steadiness and accuracy around curves of any degree, and either concave or convex. The Gauge-head is reversible, and the flat side can be used for all ordinary work.

No. 165—Boxwood, brass thumb screw and shoe, plated head, adjusting steel point ..... Per dozen \$4.50

**Mortise Gauges**



No. 67—Adjustable wood slide, boxwood thumb screw, oval bar, marked in inches ..... Per dozen \$3.50

Half dozen in a box

No. 72—P

No. 77—P

This Ga  
blades or m  
opposite end

A Rosew  
a steel plate  
a double bea

When th  
by means of  
nearer to the

A superi  
and to any r

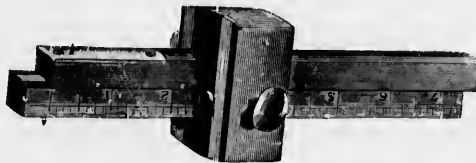
Turn the  
can then gau  
steel plate w  
The thicknes

The Rose  
as a Butt Ga  
back of it, th  
door. The n

No. 82—Imp

GAUGES

Mortise Gauges



No. 72—Patent Double Gauge (marking and mortise gauge combined), beechwood, polished, boxwood thumb screws, oval bars, marked in inches..... Per dozen \$3.25



No. 77.

No. 77—Patent Mortise and Marking Gauge, rosewood, plated head, improved screw slide, brass thumb screw and shoe, oval bar, marked in inches..... Per dozen \$7.50

Stanley's Butt and Rabbet Gauge

FOR HANGING DOORS, MORTISING, MARKING, ETC.



This Gauge has two bars, both of brass, one movable within the other; also three blades or markers. The two steel blades or markers at the extreme end of the inner bar, can be moved to any position by means of the thumb-screw at opposite end of the Gauge.

A Rosewood Head on the outer bar makes the ordinary Marking, or Slitting Gauge. At one end of the outer bar a steel plate or stop is attached; and, in connection with the Rosewood Head set at the proper distance from the plate, a double head for Mortising is made.

When the Head and Plate have been adjusted to the desired width for the mortise, both markers can still be moved by means of the thumb-screw, and the mortise lines set further in from the edge of the work in hand, or brought out nearer to the edge, without disturbing the width of the mortise.

A superior Butt Gauge, for hanging doors, is made by bringing the marker on the upper side of the bar back of, and to any required distance from the outer surface of the steel plate.

Turn the Gauge over, and place this outer surface against the back of the Rabbet in the door-casing. The owner can then gauge correctly for the back leaf of the Butt; and without changing any of the parts, the inner surface of the steel plate will act as a guide for the other marker in gauging on the edge of the door, for the front leaf of the Butt. The thickness of the plate (1-16th inch) will set off the door sufficiently to clear the jamb in opening and shutting.

The Rosewood Head should be secured at the end of the bar nearest the thumb-screw, when the tool is being used as a Butt Gauge. By placing one edge of a Butt between the surface of this Head and the small blade which stands up back of it, the exact thickness of the Butt is ascertained, and can be accurately gauged on both the door-post and the door. The movable Steel Plate affords a perfect guide for gauging in, or near, Rabbets of all kinds.

No. 92—Improved Butt and Rabbet Gauge ..... Per dozen \$18.50

All above half dozen in a box.

..... Per dozen \$0.50

ches, adjusting  
..... Per dozen \$2.40

head (see engraving), will  
any degree, and either  
work.

..... Per dozen \$4.50

..... Per dozen \$3.50

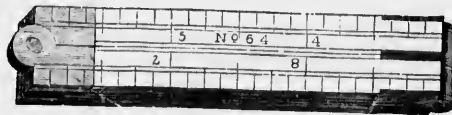
**BOXWOOD RULES**

STANLEY RULE AND LEVEL CO'S.

One Foot, Four Fold, Narrow



No. 69—Round joint, middle plates, 8ths and 16ths of inches, 5-8 inch wide ..... Per dozen \$3.00



No. 65.



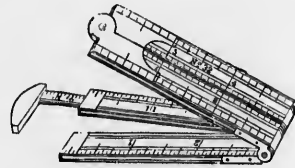
No. 57.

No. 65—Square joint, middle plates, 8ths and 16ths of inches, 5-8 inch wide ..... Per dozen \$3.50  
 No. 55—Arch joint, middle plates, 8ths and 16ths of inches, 5-8 inch wide ..... Per dozen 1.00  
 No. 56—Arch joint, edge plates, 8ths and 16ths of inches, 5-8 inch wide..... Per dozen 6.00  
 No. 57—Arch joint, bound, 8ths and 16ths of inches, 5-8 inch wide..... Per dozen 12.00

**Caliper Rules**



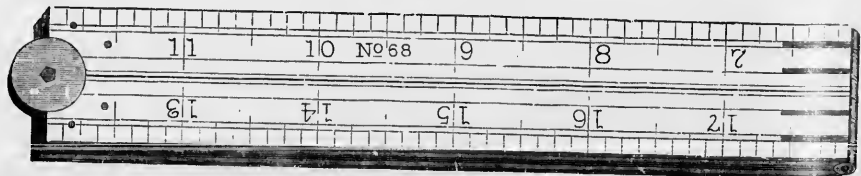
No. 36.



Nos. 32 and 32 1/2.

No. 36 —Square joint, two fold, 8ths, 10ths, 12ths and 16ths of inches, 7-8 inch wide ..... Per dozen \$7.00  
 No. 32 —Arch joint, edge plates, 8ths, 10ths, 12ths and 16ths of inches, 1 inch wide ..... Per dozen 12.00  
 No. 32 1-2—Arch joint, bound, 8ths, 10ths, 12ths and 16ths of inches, 1 inch wide ..... Per dozen 20.00

Two Feet, Four Fold, Narrow



No. 68—Round joint, middle plates, 8ths and 16ths of inches, 1 inch wide ..... Per dozen \$4.00

No. 61—Square  
 No. 64—Square  
 No. 62—Square

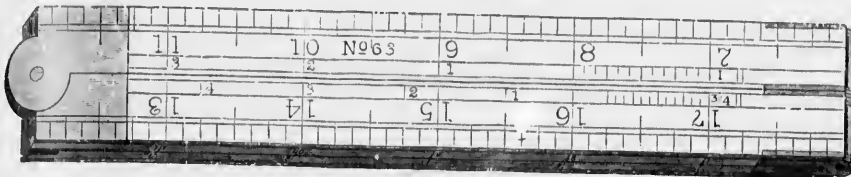
No. 51—Arch J  
 No. 53—Arch J  
 No. 52—Arch J  
 No. 54—Arch J  
 No. 59—Double

No. 70 — Squ  
 No. 72 1-2— Squ

BOXWOOD RULES

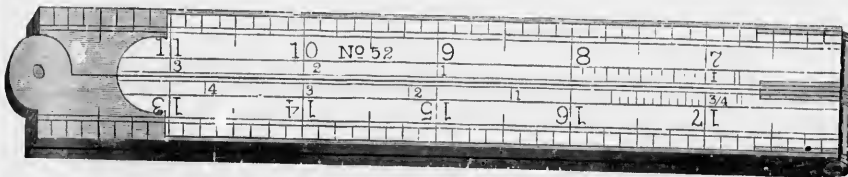
STANLEY RULE AND LEVEL CO.'S.

Two Feet, Four Fold, Narrow.



No. 61.

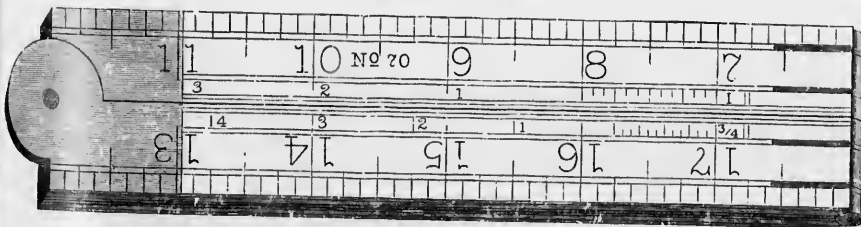
- No. 61—Square joint, middle plates, 8ths and 16ths of inches, 1 inch wide ..... Per dozen \$ 5.00
- No. 61—Square joint, half bound, 8ths, 10ths, 12ths and 16ths of inches, drafting scales, 1 inch wide ..... Per dozen 12.00
- No. 62—Square joint, bound, 8ths, 10ths, 12ths and 16ths of inches, drafting scales, 1 inch wide ..... Per dozen 15.00



No. 52.

- No. 51—Arch joint, middle plates, 8ths, 10ths, 12ths and 16ths of inches, drafting scales, 1 inch wide ..... Per dozen \$ 6.00
- No. 53—Arch joint, edge plates, 8ths, 10ths, 12ths and 16ths of inches, drafting scales, 1 inch wide ..... Per dozen 8.00
- No. 52—Arch joint, half bound, 8ths, 10ths, 12ths and 16th of inches, drafting scales, 1 inch wide ..... Per dozen 13.00
- No. 54—Arch joint, bound, 8ths, 10ths, 12ths and 16ths of inches, drafting scales, 1 inch wide..... Per dozen 16.00
- No. 58—Double arch joint, bitted, 8ths, 10ths, 12ths and 16ths of inches, drafting scales, 1 inch wide .... Per dozen 9.00

Two Feet, Four Fold, Broad.



No. 70.

- No. 70 — Square joint, middle plates, 8ths and 16ths of inches, drafting scales, 1 3/8 inch wide ..... Per dozen \$ 7.00
- No. 72 1-2— Square joint, bound, 8ths, 10ths and 16th of inches, drafting scales, 1 3/8 inch wide..... Per dozen 18.00

.... Per dozen \$3.00

.... Per dozen \$3.50  
 .... Per dozen 4.00  
 .... Per dozen 6.00  
 .... Per dozen 15.00

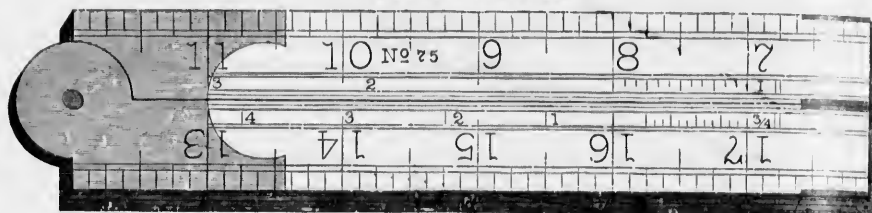
.... Per dozen \$7.00  
 .... Per dozen 12.00  
 .... Per dozen 20.00

.... Per dozen \$4.00

## BOXWOOD RULES

STANLEY RULE AND LEVEL CO'S.

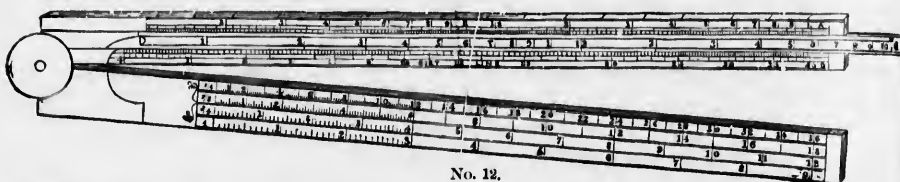
Two Feet, Four Fold, Broad



No. 73.

- No. 73—Arch joint, middle plates, 8ths, 10ths and 16ths of inches, drafting scales, 1 3/8 inch wide . . . Per dozen \$3.00  
 No. 81—Arch joint, edge plates, 12ths and 16ths of inches, drafting scales, board measure, 1 3/8 inch wide Per dozen 13.00  
 No. 82—Arch joint, bound, 12ths and 16ths of inches, drafting scales, board measure, 1 3/8 inch wide . Per dozen 22.00

Two Feet, Two Fold



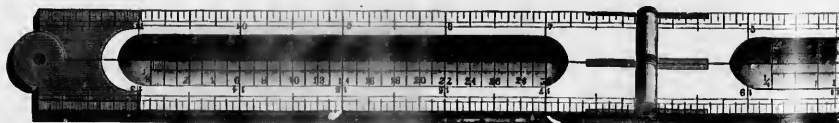
No. 12.

- No. 18—Square joint, 8ths and 16ths of inches, 1 1/2 inch wide . . . . . Per dozen \$3.00  
 No. 4—Arch joint (plates on outside of wood) bitted, extra thin, 8ths and 16ths of inches, drafting and octagonal scales, 1 1/2 inch wide . . . . . Per dozen 10.00  
 No. 12—Arch joint, bitted, Gunter's slide, 8ths, 10ths and 16ths of inches, 100ths of a foot, drafting and octagonal scales, 1 1/2 inch wide . . . . . Per dozen 14.00

Three Feet, Four Fold Rules

- No. 66 1-2—Arch joint, middle plates, four fold, 8th and 16ths of inches, 1 inch wide . . . . . Per dozen \$8.00

Architects' Rules, with Beveled Edges



- No. 53 1-2—Arch joint, edge plates, 8ths, 10ths, 12ths and 16ths of inches, with inside beveled edges and Architects' drafting scales, 1 inch wide . . . . . Per dozen \$15.00

Pattern Makers' Shrinkage Rules

- No. 31—Pattern Makers' Shrinkage Rule, two fold boxwood, triple plated edge plates, 8ths and 16ths of inches, 2 1/4 inches . . . . . Per dozen \$18.00



SHIP CARPENTERS' BEVELS



No. 42.

No. 42.—Boxwood, double tongue, 8ths and 16ths of inches ..... Per dozen \$6.00

Ivory Rules

STANLEY RULE AND LEVEL CO.'S

NOTE.—Ivory rules are not subject to same discount as boxwood rules.



No. 38.



No. 40.

Ivory Caliper, 5/8 Inch.

No. 38—Square joint, German silver, two fold, 8ths, 10ths, 12ths and 16ths of inches, 7/8 inch wide ..... Per dozen \$15.00

Ivory Caliper, One Foot, Four Fold.

No. 40—Square joint, German silver, bound, 8ths and 16ths of inches, 5/8 inch wide ..... Per dozen \$44.00

Ivory, One Foot, Four Fold.

No. 90 —Round joint, brass, middle plates, 8ths and 16ths of inches. .... Per dozen \$10.00

No. 92 1-2—Square joint, German silver, middle plates, 8ths and 16ths of inches, 5/8 inch wide ..... Per dozen 14.00

No. 92 —Square joint, German silver, edge plates, 8ths and 16th of inches, 5/8 inch wide ..... Per dozen 17.00

No. 91 —Square joint, German silver, edge plates, 8ths, 10ths, 12ths and 16ths of inches, 3/4 inch wide ..... Per dozen 23.00

No. 88 —Arch joint, German silver, bound, 8ths and 16ths of inches, 5/8 inch wide ..... Per dozen 32.00

Ivory, Two Feet, Four Fold.

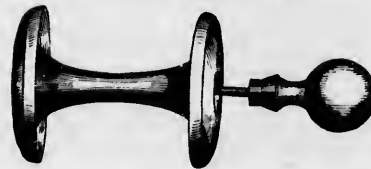
No. 85—Square joint, German silver, edge plates, 8ths, 10ths, 12ths and 16ths of inches, 7/8 inch wide ..... Per dozen \$54.00

No. 87—Arch joint, German silver, bound, 8ths, 10ths, 12ths and 16ths of inches, drafting scales, 1 inch wide ..... Per dozen 80.00

COMPARATIVE LIST OF RULES

Boxwood Rules				Boxwood Rules			
Stanley's	Chapin's	Stephen's	List	Stanley's	Chapin's	Stephen's	List
Nos.	Nos.	Nos.	Per Doz.	Nos.	Nos.	Nos.	Per Doz.
1	41	..	\$7 00	73	27	57	\$9 00
2	42	13	8 00	75	28	59	11 00
4	44	15	10 00	76	30	60	20 00
5	45	17	16 00	77	31	61	12 00
8	50	16	18 00	78	..	..	20 00
12	48	..	4 50	78½	..	63	21 00
13	..	14	14 00	79	34	64	11 00
15	49	27	10 00	81	36	66	13 00
16	51	28	21 00	82	37	67	22 00
18	39	2	5 00	83	33	..	11 00
22	40	5	9 00	84	14	42¼	12 00
26	46	9	9 00	94	..	..	18 00
27	47	..	12 00	Ivory Rules			
29	38	1	3 50	38	74	95½	15 00
32	72	98	12 00	39	76	98½	38 00
32½	73	99	30 00	40	77	99½	41 00
36	70	95	7 00	85	59	77	54 00
36½	70½	..	12 00	86	60	83	64 00
42	85	31	6 00	86½	..	..	36 00
43	85½	30	6 00	87	61	84	80 00
51	16	46	6 00	88	57	94	32 00
52	18	49¼	13 00	88½	56	93	21 00
53	17	48	8 00	89	62	86	92 00
53½	17½	39	20 00	90	52	89	10 00
54	19	49	16 00	91	58	91¼	23 00
55	6	73	4 00	92	55	91	17 00
56	7	74	6 00	92½	54	90½	11 00
57	9	75	12 00	95	61	87	102 00
58	96	33	13 00	97	67	88	116 00
58½	..	..	3 60	Miscellaneous Rules			
60	20	50	9 00	33	82	..	2 00
61	11	52	21 00	34	80	..	3 00
61½	11½	42	5 00	35	81	..	6 00
62	15	42½	5 50	41	83	..	3 50
62½	15½	42¾	15 00	43½	90½	..	12 00
63	12	45	15 00	44	92	..	5 00
63½	13	44½	7 00	45	93	..	7 00
64	3	72	8 00	45½	94½	..	18 00
65	2	71	5 00	46	870	..	8 00
65½	5	71	3 50	46½	878	..	8 00
66	84	72½	11 00	47	88G	..	12 00
66½	..	..	8 00	47½	88S	..	12 00
67	22	32	8 00	48	89	..	12 00
68	10	53	5 00	48½	89½	..	15 00
69	1	41	4 00				
70	23	70	3 00				
72	24	54	7 00				
72½	6	56	9 00				
		54½	18 00				

CHALK LINE REELS



- No. 1—Chalk Line Reels, beechwood ..... Per dozen \$9.60  
 No. 10—Chalk Line Reels, with awls ..... Per dozen 1.30  
 No. 1, three dozen in a box. No. 10, one dozen.

No. 33—Yard  
 No. 41—Yard  
 No. 50—Yard

Woodrat's, P  
 Woodrat's, P  
 Cand B, heav

No. 4—Gradua  
 Inch  
 Each

No. 4—Gradua  
 12 inch

No. 4—Graduat

No. 4—Graduat

No. 4—Graduat

This cut re  
 and 64ths, 64ths  
 will easily confo  
 measuring irrog  
 Inch  
 Each

**YARD STICKS**

- No. 33 - Yard Stick, polished ..... Per dozen \$1.80  
 No. 41 - Yard Stick, brass tips, polished ..... Per dozen 3.00  
 No. 50 - Yard Stick, hickory, brass capped ends, polished ..... Per dozen 3.75

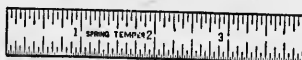
**Counter Measures—INSPECTED.**



C and B.

- Woodyatt's, polished brass ..... Per dozen \$5.40  
 Woodyatt's, brass, nickel plated ..... Per dozen 6.00  
 C and B, heavy brass ..... Per dozen 12.00

**Starrett's Steel Rules**



No. 30.

These rules are of finest quality, and graduations warranted accurate.

No. 4—Graduations : eighths, sixteenths, thirty-seconds and sixty-fourths.

Inch .....	3	4	6	9	12
Each .....	\$0.55	.70	1.00	1.50	1.90

**Shrink and Standard Rules**

No. 34SS.

Shrink on one side (1-8 inch to the foot) and standard on the other.

No. 4—Graduations : eighths, sixteenths, thirty-seconds and sixty-fourths.

12 inch .....	Each \$3.00
---------------	-------------

**Shrink Rules**

No. 34 x 12 inch.

Allowing 1-8 inch to the foot.

No. 4—Graduations : eighths, sixteenths, thirty-seconds and sixty-fourths ..... Each \$3.00

**Brass Shrink Rules**

No. 34B x 12 inch.

Allowing 3-16 inch to the foot.

No. 4—Graduations : eighths, sixteenths, thirty-seconds and sixty-fourths ..... Each \$3.00

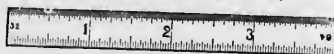
**Double Shrink Rules**

No. 34D x 12 inch.

Allowing 1-4 inch to the foot.

No. 4—Graduations : eighths, sixteenths, thirty-seconds and sixty-fourths ..... Each \$3.00

**Starrett's Flexible Rules**



No. 31.

This cut represents a very thin watch-spring tempered rule, nicely graduated on one side only, in either 32nds and 64ths, 61ths and 100ths, or 50ths and 100ths whole length. Those from 1 inch to 12 inches are 1-2 inch wide, and will easily conform to a 2 inch circle. These rules are highly prized by watchmakers and all fine mechanics for measuring irregular surfaces. 32-64 graduation will be sent, unless otherwise ordered.

Inch .....	3	4	6	9	12
Each .....	\$0.55	.70	1.00	1.50	1.90

les

Nos.	List
57	\$9 00
59	11 00
60	20 00
61	12 00
62	20 00
63	24 00
64	11 00
66	13 00
67	22 00
68	14 00
69	12 00
70	18 00

5 1/2	15 00
6 1/2	38 00
8 1/2	41 00
9 1/2	54 00
7	61 00
3	96 00
4	80 00
4	32 00
3	21 00
5	92 00
0	10 00
1 1/2	23 00
1	17 00
1 1/2	14 00
7	102 00
1	116 00

les

..	2 00
..	3 00
..	6 00
..	3 50
..	12 00
..	5 00
..	7 00
..	18 00
..	8 00
..	8 00
..	12 00
..	12 00
..	12 00
..	15 00

Per dozen \$0.60  
 Per dozen 1.20

STEEL AND BRASS RULES



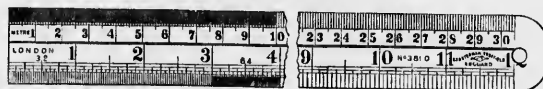
Steel Rules

- No. 57 1-2—2 feet, four fold, 1-2 inch wide, marked both sides, 8ths and 16ths . . . . . Per dozen \$ 6.50
- No. 58 —2 feet, two fold, 3-4 inch wide, marked both sides, 8ths and 16ths . . . . . Per dozen 6.00

Brass Rules

- No. 1493—2 feet, two fold, 5-8 inch wide, marked both sides, 8ths and 16ths . . . . . Per dozen \$ 2.75
- No. 1500—2 feet, two fold, 3-4 inch wide, marked both sides, 8ths and 16ths . . . . . Per dozen 2.75
- No. 1243—2 feet, two fold, 3-4 inch wide, marked both sides, 8ths and 16ths . . . . . Per dozen 5.50

Chesterman's Steel Rules



- No. 300 —12 inch, two square ends, graduated 8ths, 16ths, 32nds, 64ths . . . . . Per dozen \$ 6.25
- No. 300D— 6 inch, one round end, graduated 8ths, 16ths, 32nds, 64ths . . . . . Per dozen 4.00
- No. 300D—12 inch, one round end, graduated 8ths, 16ths, 32nds, 64ths . . . . . Per dozen 6.25
- No. 310 — 4 inch, two square ends, graduated 16ths, 32nds, 64ths, 10ths, 20ths, 50ths, 100ths . . . . . Per dozen 4.80
- No. 310 — 6 inch, two square ends, graduated 16ths, 32nds, 64ths, 10ths, 20ths, 50ths, 100ths . . . . . Per dozen 5.25
- No. 310D— 6 inch, one round end, graduated 16ths, 32nds, 64ths, 10ths, 20ths, 50ths, 100ths . . . . . Per dozen 5.25
- No. 310D—12 inch, one round end, graduated 16ths, 32nds, 64ths, 10ths, 20ths, 50ths, 100ths . . . . . Per dozen 7.50
- No. 326D—12 inch, one round end, graduated 8ths, 16ths, 32nds, 64ths, 10ths, 20ths, 50ths, 12ths, 24ths, 48ths . . . . . Per dozen 8.25
- No. 327D—12 inch, one round end, graduated 16ths, 32nds, 64ths, 10ths, 20ths, 50ths, 100ths, 12ths, 24ths, 48ths, 96ths . . . . . Per dozen 9.50
- No. 328D—12 inch, one round end, graduated 8ths, 16ths, 32nds, 64ths . . . . . Per dozen 8.25

"Rival" Steel Measuring Tapes



Nickel Plated, Brass Cases, Flush Handle, 3-8 Inch Tapes, marked one side only, in feet, inches and eighths.

- No. 245—75 feet, 3 3-4 inch, nickel-plated case . . . . . Each \$ 6.50



Folding



Nos. 341  
Quarter

Flush H



No. 184  
Quarter size

Flush Han



No. 184  
Quarter size



No. 1811  
Full size cu

**CHESTERMAN'S MEASURING TAPES**

Folding Handle.



Nos. 34L and 1820.  
Quarter size cut.

Metallic Tapes. Folding Handles. Hard Leather Cases.

No. 34L—5-8 Inch Tape.

Feet.....	<b>50</b>	.....	<b>66</b>	.....	<b>80</b>	.....	<b>100</b>
Each.....	\$2.70	.....	3.00	.....	3.75	.....	4.35

No. 1820—5-8 Inch Tape.

Feet.....	<b>50</b>	.....	<b>66</b>	.....	<b>80</b>	.....	<b>100</b>
Each.....	\$2.20	.....	2.50	.....	3.25	.....	3.75

Marked in inches on one side; links on other.

Flush Handle.



No. 1821.  
Quarter size cut.

Metallic Tapes. Flush Handles. Hard Leather Cases

No. 1821—5-8 Inch Tape.

Feet.....	<b>50</b>	.....	<b>66</b>	.....	<b>100</b>
Each.....	\$2.50	.....	3.00	.....	4.25

Marked in inches on one side, links on other.

Flush Handle.



No. 1840.  
Quarter size cut.

**Steel Measuring Tapes**

Hard Leather Cases. Flush Handles

No. 1840—8-8 Inch Steel Tape.

Feet.....	<b>66</b>	.....	<b>100</b>
Each.....	\$7.50	.....	10.50

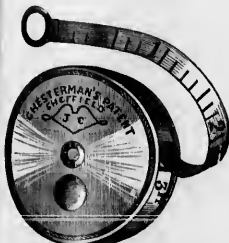
Marked on one side.

**Spring Pocket Measuring Tapes**

German Silver Case. Spring Stop

No. 1811—1-4 Inch Steel Tape.

Feet.....	<b>3</b>	.....	<b>5</b>
Per dozen.....	\$12.50	.....	16.00



No. 1811  
Full size cut.



..... Per dozen \$ 6.50  
..... Per dozen 6.00

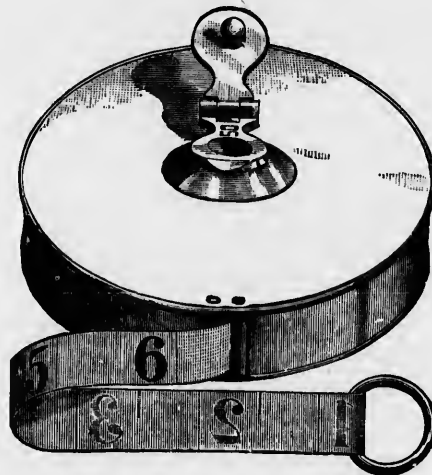
..... Per dozen \$ 2.75  
..... Per dozen 2.75  
..... Per dozen 3.50

..... Per dozen \$ 6.25  
..... Per dozen 4.00  
..... Per dozen 6.25  
..... Per dozen 4.80  
..... Per dozen 5.25  
..... Per dozen 5.25  
..... Per dozen 7.50  
..... Per dozen 8.25  
..... Per dozen 9.50  
..... Per dozen 8.25

..... and eighths.

..... Each \$ 6.50

MEASURING TAPES



Ass Skin Case, Brass Bound, Linen Tape

Feet.....	25	50	66
Per dozen.....	\$3.60	4.65	5.10

Patent Leather Case

No. 41—Linen Tape.

Feet.....	50	66	80	100
Per dozen.....	\$9.75	10.50	12.75	13.50

No. 14354.

Feet.....	50	66	80
Per dozen.....	\$8.40	9.60	

Solid Leather Case

Painted Linen Tape.

No. 13998—66 feet.....	Per dozen \$14.25
No. 13998—100 feet.....	Per dozen 19.50

Half dozen in a box.

Pocket Measuring Tapes

With Spring Stop.



Nos. 24 and 25—Nickel-plated Case.

No. 24 x 3 feet—Nickel-plated case, 1-4 inch Linen Tape.....	Per dozen \$ 6.75
No. 25 x 5 feet—Nickel-plated case, 1-4 inch Linen Tape.....	Per dozen 7.25
No. 89C x 3 feet—Nickel-plated case, Linen Tape.....	Per dozen 2.70
No. 106BN x 3 feet—Nickel-plated case, 1-4 inch Steel Tape.....	Per dozen 10.25
No. 299 x 6 feet—Rabone's German silver case, 1-4 inch Steel Tape.....	Per dozen 15.66

Tailors' Tapes

No. 14424—60 inch Linen Tape.....	Per dozen \$0.40
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No. 8—3 feet, f  
No. 8—3 1-2 feet, f

No. 4—3 feet, f  
No. 5—3 feet, f

No. 52—3 feet,

No. 48 1-2—Hic

No. 2—36 inch,  
No. 1—44 inch,

No. 2—36 inch,  
No. 1—44 inch,

No. 1—44 inch,

No. 1136—Boxw  
No. 1136—Boxw

HICKORY BOARD RULES



No. 8—Board Rule.

- No. 8—3 feet, four tier, brazed head (Lufkins') ..... Per dozen \$22.50  
 No. 8—3 1-2 feet, four tier, brazed head (Lufkins') ..... Per dozen 25.00

Canadian

- No. 4—3 feet, four tier, steel head, 1 1-1 inch wide, one side 12, 14, 16, 18; other side 9, 10, 11, 13 ..... Per dozen 16.50  
 No. 5—3 feet, four tier, steel head, 1 1-4 inch wide, one side 14, 15, 16, 9; other side 12, 10, 11, 13 ..... Per dozen 16.50

Spring Steel Board Rules



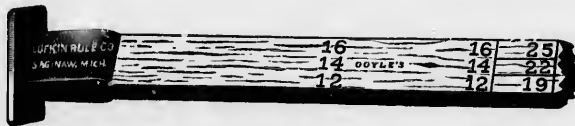
Nickel-plated and Lacquered.

- No. 52—3 feet, three tier, nickel-plated, lacquered and frosted, wood handle, leather slide ..... Per dozen \$42.00

Hickory Log Rules



- No. 48 1-2—Hickory, Octagon Walking Cane (Doyle's scale), cast brass head and tip ..... Per dozen \$12.00



Doyle's Scale. Brass Head

- No. 2—36 inch, marked, one side 12, 14, 16; other side 11, 13, 15 ..... Per dozen \$13.00  
 No. 1—44 inch, marked, one side 12, 14, 16, 18; other side 20, 11, 13, 15 ..... Per dozen 17.50

Scribners' Scale. Brass Head

- No. 2—36 inch, marked, one side 12, 14, 16; other side 9, 10, 13 ..... Per dozen \$13.00  
 No. 1—44 inch, marked, one side 12, 14, 16, 18; other side 20, 11, 13, 15 ..... Per dozen 17.50  
 In ordering be particular to state whether Doyle or Scribner scale is required.

Combination Rule, marked one side Doyle's Scale, other side Scribners'

- No. 1—44 inch, marked, one side 12, 14, 16, 18; other side 9, 13, 15 ..... Per dozen 17.50

Glaziers' Rules

- No. 1136—Boxwood, 48 inch, 1 3-4 x 3-16 inch, marked on both sides ..... Per dozen \$12.75  
 No. 1136—Boxwood, 60 inch, 1 3-4 x 3-16 inch, marked on both sides ..... Per dozen 22.50

68  
5.10

100  
13.50

68  
9.60

Per dozen \$14.25  
Per dozen 19.50

Per dozen 8 8.75  
Per dozen 7.25  
Per dozen 2.70  
Per dozen 10.25  
Per dozen 15.60

Per dozen \$0.40

CAST STEEL RIMER BITS

Square.



Howarth's Cast Steel Square Rimers, bright ..... Per dozen \$2.10  
 No. 251—German Cast Steel Square Rimers, bright..... Per dozen 1.10

Half Round.



Howarth's Cast Steel Half Round Rimers, bright..... Per dozen \$2.10  
 No. 250—German Cast Steel Half Round Rimers, bright..... Per dozen 1.25

Six Sides.



Howarth's Cast Steel Six Sided Rimers, bright ..... Per dozen \$3.00  
 No. 252—German Cast Steel Six Sided Rimers, bright ..... Per dozen 1.25

Cast Steel Screw Driver Bits



Howarth's Cast Steel Screw Driver Bits, bright..... Per dozen \$1.75  
 No. 238 1-2—German Cast Steel Screw Driver Bits, bright..... Per dozen 1.00

Plug Cutters

Inch.....	1-2	3-16	5-8
Per dozen.....	\$7.25	7.25	7.25

All above one dozen in a box or package.

Howarth's  
 Howarth's  
 No. 241—

Howarth's  
 Howarth's  
 No. 240—G

Howarth's c  
 Howarth's c  
 No. 239—G

No. 20—With

Assorted, 5 to



CAST STEEL COUNTERSINK BITS

Snail.



Howarth's cast steel, bright, 3-8 and 1-2 inch .....	Per dozen	\$2.10
Howarth's cast steel, bright, 5-8 inch .....	Per dozen	2.55
No. 241—German cast steel, bright, 1-2 inch .....	Per dozen	1.10

Rose.



Howarth's cast steel, bright, 1-2 inch .....	Per dozen	\$2.10
Howarth's cast steel, bright, 5-8 inch .....	Per dozen	2.80
No. 240—German cast steel, bright, 5-8 inch .....	Per dozen	1.25

Flat.



Howarth's cast steel, bright, 1-2 inch .....	Per dozen	\$1.90
Howarth's cast steel, bright, 5-8 inch .....	Per dozen	2.10
No. 239—German cast steel, bright, 5-8 inch .....	Per dozen	1.10

Wheeler's Patent.



No. 20—With gauge (as shown in cut) .....	Per dozen	\$4.50
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Half dozen in a box.

Countersink Bits



Assorted, 5 to 9-32 .....	Per dozen	\$2.70
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One dozen in a box.

## CAST STEEL SHELL AND SPOON BITS



Inch .....	<b>1-8</b>	....	<b>3-16</b>	....	<b>1-4</b>	....	<b>5-16</b>	....	<b>3-8</b>
Per dozen.....	\$1.90	....	1.90	....	1.90	....	2.00	....	2.10

## Cast Steel Gimlet Bits



## No. 1904—Straw Color.

Inch .....	<b>3-32</b>	..	<b>4-32</b>	..	<b>5-32</b>	..	<b>6-32</b>	..	<b>8-32</b>	..	<b>10-32</b>
Per dozen.....	\$0.75	..	.75	..	.75	..	.75	..	.75	..	.95

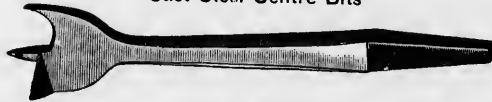
## No. 677—Straw Color.

Inch.....	<b>1-16</b>	..	<b>3-32</b>	..	<b>4-32</b>	..	<b>5-32</b>	..	<b>6-32</b>	..	<b>7-32</b>	..	<b>8-32</b>	..	<b>10-32</b>
Per dozen.	\$0.90	..	.90	..	.90	..	.90	..	.90	..	.90	..	.90	..	1.05

## No. 1967—Bright.

Inch .....	<b>1-8</b>	..	<b>5-32</b>	..	<b>6-32</b>	..	<b>7-32</b>	..	<b>8-32</b>	..	<b>10-32</b>	..	<b>12-32</b>
Length, inch .....	6	..	6	..	6	..	6	..	6	..	6 1-2	..	6 1-2
Per dozen.....	\$1.50	..	1.50	..	1.50	..	1.50	..	1.50	..	2.05	..	2.25

## Cast Steel Centre Bits



## Cut sizes marked.

Inch.....	<b>1-4</b>	..	<b>3-8</b>	..	<b>1-2</b>	..	<b>5-8</b>	..	<b>3-4</b>	..	<b>7-8</b>	..	<b>1</b>	..	<b>1 1-8</b>
Per dozen .....	\$1.75	..	1.75	..	1.90	..	2.05	..	2.10	..	2.25	..	2.40	..	2.85
Inch.....	<b>1 1-4</b>	..	<b>1 3-8</b>	..	<b>1 1-2</b>	..	<b>1 5-8</b>	..	<b>1 3-4</b>	..	<b>1 7-8</b>	..	<b>2</b>		
Per dozen .....	\$3.15	..	3.45	..	3.75	..	4.20	..	4.65	..	5.25	..	6.00		

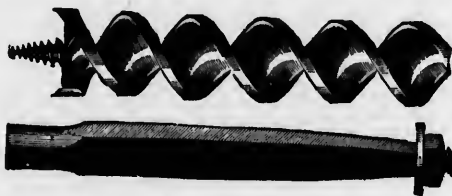
## Cast Steel Taper Bits



Inch .....	<b>1-2</b>	....	<b>5-8</b>	....	<b>3-4</b>	....	<b>7-8</b>
Per dozen .....	\$2.80	....	2.80	....	3.60	....	4.25

One dozen in a box or package.

**CAST STEEL CARPENTERS' AUGERS, WITH NUT.**



Inches.....	1-2	3-8	3-4	7-8	1	1 1-8	1 1-4	1 1-2
Per Dozen.....	\$5.50	6.50	8.00	8.50	9.50	10.50	11.50	14.00
Inches.....	1 3-4	2	2 1-4	2 1-2	2 3-4	3	3 1-4	3 1-2
Per Dozen.....	\$17.00	20.00	24.00	30.00	35.00	40.00	45.00	50.00

1-2 TO 2 INCH, HALF DOZEN IN A BOX; OTHERS, QUARTER DOZEN.

**Boring Machine Augers.**



Inches.....	1	1 1-4	1 1-2	1 3-4	2
Per Dozen.....	\$12.00	14.00	16.00	18.00	22.00

QUARTER DOZEN IN A BOX.

**In Sets of 18 Quarters.**

18 Quarters, One Auger Each, 1, 1 1-2 and 2 Inch.....Per Set, \$4.50  
ONE SET IN A PACKAGE.

**Irwin's Patent.**

Inch.....	1 1-4	1 1-2	2
Per Dozen.....	13.50	15.00	18.00

**Cast Steel Lip and Spur Auger Bits.**



Sizes in 16ths of Inch.....	3	4	5	6	7	8	9	10
Per Dozen.....	\$3.50	3.00	3.00	3.25	3.25	3.50	4.00	4.50
Sizes in 16ths of Inch.....	11	12	13	14	15	16	18	20
Per Dozen.....	\$5.00	5.50	6.00	6.50	7.25	8.00	10.00	11.00

3-16 TO 10 16 INCH, ONE DOZEN IN BOX; OTHERS, HALF DOZEN.

**Revised List Adopted by American Manufacturers, September 5th, 1895**

Sizes in 16ths of Inch..	3	4	5	6	7	8	9	10	11	12
Per Dozen .....	\$3.50	3.50	3.50	3.75	3.75	4.00	4.25	4.50	5.00	5.50
Sizes in 16ths of Inch..	13	14	15	16	17	18	20	22	24	
Per Dozen.....	\$6.00	6.50	7.25	8.00	9.00	10.00	11.00	12.00	14.00	

**CAST STEEL SHORT EYE AUGERS**



Sizes, inch .....	<b>1-2</b>	..	<b>5-8</b>	..	<b>3-4</b>	..	<b>7-8</b>	..	<b>1</b>	..	<b>1 1-8</b>	<b>1 1-4</b>
Per dozen .....	\$5.50	..	6.50	..	8.00	..	8.50	..	9.50	..	10.50	11.50
Sizes, inch .....	<b>1 1-2</b>	..	<b>1 3-4</b>	..	<b>2</b>	..	<b>2 1-4</b>	..	<b>2 1-2</b>	..	<b>3</b>	<b>3 1-2</b>
Per dozen .....	\$14.00	..	17.00	..	20.00	..	24.00	..	30.00	..	40.00	50.00
												70.00

**Jenning's Pattern Auger Bits**

Extension Lip.



Sizes in 1-16ths of inch.....	<b>4</b>	..	<b>5</b>	..	<b>6</b>	..	<b>7</b>	..	<b>8</b>	..	<b>9</b>	..	<b>10</b>	..	<b>11</b>
Per dozen .....	\$3.00	..	3.40	..	3.80	..	4.40	..	4.80	..	5.20	..	5.60	..	6.10
Sizes in 1-16ths of inch.....	<b>12</b>	..	<b>13</b>	..	<b>14</b>	..	<b>15</b>	..	<b>16</b>	..	<b>17</b>	..	<b>18</b>	..	<b>20</b>
Per dozen .....	\$6.60	..	7.20	..	7.80	..	8.40	..	9.00	..	9.60	..	10.20	..	11.40

Dowel Bits (Same prices as Extension Lip Auger Bits.)

**Irwin Patent Auger Bits**

Double Cutter.



Sizes in 1-16ths of inch.....	<b>4</b>	..	<b>5</b>	..	<b>6</b>	..	<b>7</b>	..	<b>8</b>	..	<b>10</b>	..	<b>12</b>	..	<b>14</b>	..	<b>16</b>
Per dozen .....	\$3.00	..	3.40	..	3.80	..	4.40	..	4.80	..	5.60	..	6.60	..	7.80	..	9.00

IN SETS.

20 1-2 quarters, 1 bit each, 4, 5, 6, 7, 8, 10, 12, 14 and 16-16.....	Per set	\$4.25
32 1-2 quarters, 1 bit each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16-16.....	Per set	6.25

**Cast Steel Car Bits**

12 Inch Twist.

Sizes in 1-16ths of inch.....	<b>7</b>	..	<b>9</b>	..	<b>11</b>	..	<b>13</b>	..	<b>15</b>	..	<b>17</b>
Per dozen .....	\$9.00	..	11.25	..	13.25	..	16.50	..	18.75	..	24.00

**Irwin Patent Car Bits**



Sizes in 1-16ths of inch.....	<b>7</b>	..	<b>9</b>	..	<b>11</b>	..	<b>13</b>	..	<b>15</b>
Per dozen .....	\$8.80	..	10.40	..	12.20	..	14.40	..	16.80

**Cast Steel Ship Augers**



Without Screw.



With Screw.

Sizes in 1-16ths of inch.....	<b>4 to 7</b>	..	<b>9</b>	..	<b>10</b>	..	<b>11</b>	..	<b>12</b>	..	<b>13</b>	..	<b>14</b>
Per dozen .....	\$7.50	..	9.00	..	9.00	..	10.50	..	10.50	..	12.00	..	12.00
Sizes in 1-16ths of inch.....	<b>15</b>	..	<b>16</b>	..	<b>17</b>	..	<b>18</b>	..	<b>19</b>	..	<b>20</b>		
Per dozen .....	\$13.50	..	13.50	..	15.00	..	15.00	..	16.50	..	16.50		

When ordering state whether required with or without screw.

BEEBE'S C

BEEBE'S C

Set G—Six Bit

Set S—Nine B

Set X—Nine B

32 1-2 1/4—Thir

32 1-2 1/4—Thir

No. 1—Metal he

No. 751 1-4 Bo

No. 763 — Bo

No. 763 — Bo

**CAST STEEL PUMP AUGERS**

BEEBE'S Cast Steel Pump Augers. .... Per quarter inch \$1.50

**Cast Steel Pump Reamers**

BEEBE'S Cast Steel Pump Reamers..... Per quarter inch \$0.75

**Auger Bits in Sets**

Wood Boxes.



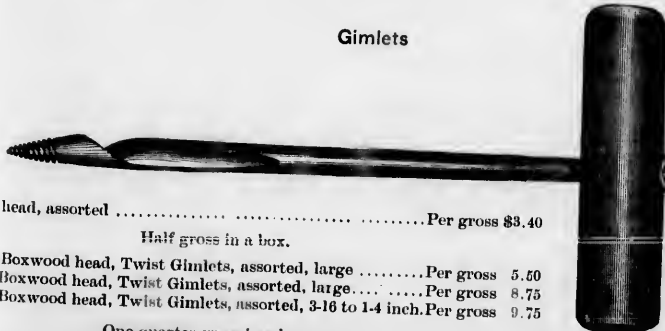
Set G—Six Bits, 1 each, 4, 6, 8, 10, 12, 16-16 ..... Per set \$1.00  
 Set S—Nine Bits, 1 each, 4, 5, 6, 7, 8, 9, 10, 11, 12-16 ..... Per set 2.10  
 Set X—Nine Bits, 1 each, 4, 5, 6, 7, 8, 10, 12, 14, 16-16 ..... Per set 2.25  
 32 1-2-4—Thirteen Bits, 1 each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16-16 ..... Per set 3.00

**JENNING'S PATTERN.**

Extension Lip.

32 1-2-4—Thirteen Bits, 1 each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16-16..... Per set \$5.25

**Gimlets**



No. 1—Metal head, assorted ..... Per gross \$3.40

Half gross in a box.

No. 751 1-4 Boxwood head, Twist Gimlets, assorted, large ..... Per gross 5.50  
 No. 763 — Boxwood head, Twist Gimlets, assorted, large..... Per gross 8.75  
 No. 763 — Boxwood head, Twist Gimlets, assorted, 3-16 to 1-4 inch. Per gross 9.75

One-quarter gross in a box.

1 1-8 1 1-4  
 10.50 11.50  
 3 1-2 4  
 50.00 70.00

10 11  
 5.60 6.10  
 18 20  
 10.20 11.40

14 18  
 7.80 9.00  
 Per set \$4.25  
 Per set 6.25

5 17  
 75 24.00

15  
 16.80

13 14  
 12.00 12.00  
 19 20  
 16.50 16.50

CLARK'S PATENT EXPANSIVE BITS



**Small Size.**

Cutting from 1-2 to 11-2 Inches.....Each, \$1.90  
 PACKED ONE IN A BOX, HALF DOZEN IN A LARGE BOX.

**Extra Cutters for Clark's Small Bits.**

No. 1—Small Cutters for Small Bits, Cutting 1-2 to 7-8 Inch.....Per Dozen, \$3.00  
 No. 2—Large Cutters for Small Bits, Cutting 7-8 to 11-2 Inches.....Per Dozen, 3.75



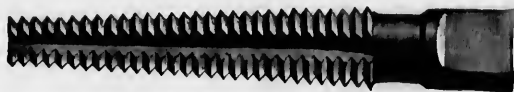
**Large Size.**

Cutting from 7-8 to 3 Inches.....Each, \$2.80  
 PACKED ONE IN A BOX, HALF DOZEN IN A LARGE BOX.

**Extra Cutters for Clark's Large Bits.**

No. 3—Small Cutters for Large Bits, Cutting 7-8 to 13-4 Inches.....Per Dozen, \$5.25  
 No. 4—Large Cutters for Large Bits, Cutting 13-4 to 3 Inches.....Per Dozen, 6 00  
 No. 5—Extra Large Cutters for Large Bits, Cutting 3 to 4 Inches.....Per Dozen, 12 00

**BLACKSMITHS' TAPER TAPS.**



For Stocks and Dies.

Right Hand will be Sent Unless Otherwise Specified.

Diameter, Inches.....	1-4	5-10	3-8	7-10	1-2
Threads to the Inch.....	10, 20, 24	10, 18, 20	14, 16, 18	14, 16, 18	12, 14, 16
Each.....	\$0.30	.30	.35	.40	.40
Diameter, Inches.....	5-8	3-4	7-8		1
Threads to the Inch.....	10, 11, 12	10, 12	9, 10		8
Each.....	\$0.50	.65	.90		1.25

**Bit Stock Drills, For Metal or Wood.**



Made from finest Steel and tempered to drill Steel, Iron and Wood. They are not injured by contact with Screws or Nails.

Diameter, Inches.....	1-10	3-32	1-8	5-32	3-10	7-32
Per Dozen.....	\$1.50	1.65	2.10	2.60	3.10	3.60
Diameter, Inches.....	1-4	9-32	5-16	11-32	3-8	13-32
Per Dozen.....	\$4.10	4.70	5.40	6.30	7.20	8.00
Diameter, Inches.....	7-10	15-32	1-2	5-8	3-4	
Per Dozen.....	\$8.80	9.60	10.30	10.15	10.75	

**Blacksmiths' Drills for Drill Presses.**



Shanks 2 1-2 Inches long, by 1-2 Inch Diameter.

Diameter, Inches.....	1-8	3-16	1-4	5-16	3-8
Length, Inches.....	5 1-2	5 5-8	6	6	6
Each.....	\$0.45	.50	.60	.70	.75
Diameter, Inches.....	7-16	1-2	9-16	5-8	3-4
Length, Inches.....	6	6	6	6	6
Each.....	\$0.80	.85	.90	1.05	1.25

PACKED AS WANTED.

No. 4—Large Cutters for Large Bits, Cutting 1 3-4 to 3 Inches.....Per Dozen, 6 00  
No. 5—Extra Large Cutters for Large Bits, Cutting 3 to 4 Inches.....Per Dozen, 12 00

TAPER SHANK DRILLS.



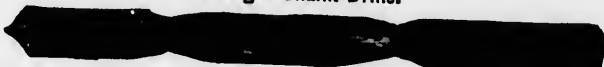
Style of Steel Sockets, No. 1, 2, 3, 4.



DIAM., INCHES.	PRICE, EACH.	LENGT., INCHES.	SOCKET, EACH.	DIAM., INCHES.	PRICE, EACH.	LENGT., INCHES.	SOCKET, EACH.	DIAM., INCHES.	PRICE, EACH.	LENGT., INCHES.	SOCKET, EACH.
1-4	\$0.60	0 1/2	No. 1, \$1.20	27-32	\$2.30	10 1/4	No. 2, \$1.80	1 7-10	\$5.00	14 1/4	No. 4, \$4.00
9-32	.05	0 1/2		7-8	2.45	10 1/2		1 15-32	5.80	14 1/2	
5-10	.70	0 3/4		29-32	2.00	10 3/4		1 1-2	6.00	15	
11-32	.75	0 1/2		15-16	2.75	10 3/4		1 17-32	6.30	15 1/2	
3-8	.80	0 3/4		31-32	2.90	10 3/4		1 9-16	6.60	15 1/2	
13-32	.85	7		1	3.00	11		1 10-32	6.90	15 3/4	
7-10	.90	7 1/4		1 1-32	3.20	11 1/4		1 5-8	7.20	15 3/4	
15-32	.95	7 1/2		1 1-16	3.40	11 1/4		1 21-32	7.50	15 3/4	
1-2	1.00	7 3/4		1 3-32	3.60	11 3/4		1 11-10	7.80	15 3/4	
17-32	1.10	8		1 1-8	3.80	11 3/4		1 23-32	8.10	15 3/4	
9-16	1.20	8 1/4	1 5-32	4.00	11 3/4	1 3-4	8.40	16			
19-32	1.30	8 1/2	1 3-16	4.20	12	1 25-32	8.60	16 1/2			
5-8	1.40	8 3/4	1 7-32	4.40	12 1/4	1 13-10	8.80	16 1/2			
21-32	1.50	9	1 1-4	4.50	12 1/2	1 27-32	9.00	16 1/2			
11-10	1.60	9 1/4	1 9-32	4.65	14 1/4	1 7-8	9.20	16 1/2			
23-32	1.70	9 1/2	1 5-10	4.80	14 1/4	1 29-32	9.35	16 1/2			
3-4	1.85	9 3/4	1 11-32	5.00	14 1/2	1 15-10	9.50	16 1/2			
25-32	2.00	9 3/4	1 3-8	5.20	14 1/2	1 31-32	9.65	16 1/2			
13-10	2.15	10	1 13-32	5.40	14 3/4	2	9.80	16 1/2			

STRAIGHT SHANK DRILLS SAME LENGTH AS TAPER SHANK AT TAPER SHANK PRICES.

Straight Shank Drills.



DIAM., INCHES.	LENGTH, INCHES.	PRICE, EACH.	PRICE, PER DOZEN.	DIAM., INCHES.	LENGTH, INCHES.	PRICE, EACH.	PRICE, PER DOZEN.	DIAM., INCHES.	LENGTH, INCHES.	PRICE, EACH.	PRICE, PER DOZEN.
1-16	2 1/2	\$0.09	\$1.00	7-32	3 1/4	\$0.23	\$2.65	3-8	5	\$0.48	\$5.40
5-64	2 3/4	.10	1.10	15-64	3 3/4	.26	2.90	25-64	5 1/2	.50	5.70
3-32	2 3/4	.11	1.20	1-4	4	.28	3.15	13-32	5 3/4	.53	6.00
7-64	2 3/4	.12	1.30	17-64	4 1/4	.30	3.40	27-64	5 3/4	.55	6.40
1-6	3	.13	1.45	9-32	4 1/2	.32	3.65	7-16	5 1/2	.59	6.80
9-64	3 1/4	.15	1.60	19-64	4 3/4	.35	3.90	29-64	5 1/2	.63	7.20
5-32	3 1/4	.16	1.80	5-10	4 3/4	.37	4.20	15-32	5 1/2	.65	7.50
11-64	3 1/4	.18	2.00	21-64	4 3/4	.40	4.50	31-64	5 1/2	.67	7.75
3-16	3 1/2	.20	2.20	11-32	4 3/4	.42	4.80	1-2	6	.70	8.00
13-64	3 1/2	.21	2.40	23-64	4 3/4	.45	5.10				

Stubs' Steel Wire Gauge Drills.

NOS. BY GAUGE.	PER DOZEN.	EACH.	LENGTH, INCHES.	NOS. BY GAUGE.	PER DOZEN.	EACH.	LENGTH, INCHES.
1 to 5	\$2.25	\$0.22	4	31 to 35	\$1.40	\$0.14	2 5-8
6 to 10	2.25	.21	3 11-16	36 to 40	1.25	.12	2 7-16
11 to 15	2.10	.20	3 1-2	41 to 45	1.10	.10	2 1-4
16 to 20	1.95	.19	3 1-4	46 to 60	.95	.09	2 1-10 to 1 3-4
21 to 25	1.75	.17	3 1-16	61 to 70	.90	.09	1 1-2
26 to 30	1.55	.15	2 13-16	71 to 80	1.00	.09	1 5-16 to 3-4

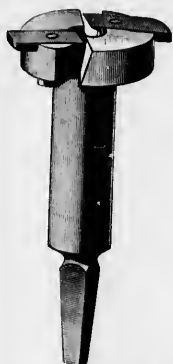
Inch.....  
Per dozen .....

Wood's, cuts 1-4

Bonney's



HOLLOW AUGERS



New Pattern.



Wood's Patent.

NEW PATTERN—WITH BITS.

Inch.....	3-8	1-2	5-8	3-4	7-8	1
Per dozen .....	\$18.00	18.00	21.00	21.00	24.00	24.00

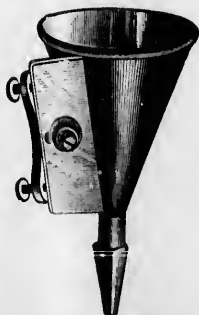
One-sixth dozen in a box.

WOOD'S PATENT ADJUSTABLE.

Wood's, cuts 1-4 to 1 1-4 inch .....	Each \$5.50
--------------------------------------	-------------

One in a box.

Spoke Trimmers



Bonney's Patent, No. 2.

BONNEY'S SPOKE TRIMMERS.

No. 1—Bonney's.....	Per dozen \$6.75
No. 2—Bonney's, with adjusting set screws.....	Per dozen 9.50

LENGTH, INCHES.	SOCKET, EACH.
14 3/4	
14 7/8	
15	
15 1/8	
15 1/4	
15 3/8	
15 1/2	
15 5/8	
16	
16 1/8	
16 1/4	
16 3/8	
16 1/2	
16 5/8	
17	
17 1/8	
17 1/4	
17 3/8	
17 1/2	
17 5/8	
18	
18 1/8	
18 1/4	
18 3/8	
18 1/2	
18 5/8	
19	
19 1/8	
19 1/4	
19 3/8	
19 1/2	
19 5/8	
20	

No. 4, \$4.00

PRICE, PER DOZEN.
\$5.40
5.70
6.00
6.40
6.80
7.20
7.50
7.75
8.00

INCHES.
5-8
7-16
1-4
1 to 1 3-4
1-2
6 to 3-4

WOOD SPOKESHAVES



Kent's Beechwood Spokeshaves

Inch .....	2	2 1-4	2 1-2	2 3-4	3	3 1-2
Per dozen .....	\$3.25	3.25	3.25	3.50	3.75	4.50

Kent's Beechwood Plated Spokeshaves

Inch .....	2 1-4	2 1-2	3
Per dozen .....	\$4.50	4.50	5.00

Kent's Boxwood Spokeshaves

Inch .....	2	2 1-4	2 1-2	3
Per dozen .....	\$5.00	5.00	5.00	5.50

Half dozen in a box.

Iron Spokeshaves



No. 11.

No. 11  
Straight handle, 9 inch, 1 3-4 inch cutter.  
Per dozen, \$1.95.



No. 12.

No. 12  
Straight handle, 9 inch, 1 3-4 inch cutter.  
Per dozen, \$3.25.



No. 13.

No. 13  
Double cutter, concave and straight, 10 inch  
Per dozen, \$3.60.



No. 60.

No. 60  
Double cutter, concave and straight, 10 inch.  
1 1-2 inch cutters.  
Per dozen, \$4.25.



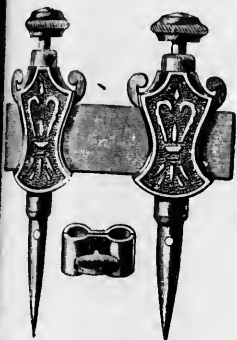
No. 65.

No. 65  
Adjustable chamfer, raised handle, 10 inch.  
1 1-2 inch cutter.  
Per dozen, \$6.50.  
Half dozen in a box.



Four Pole.  
Quarter-size eu

IMPROVED TRAMMEL POINTS

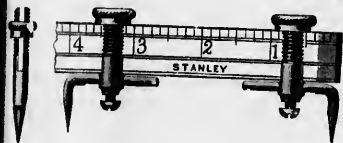


Bronze Metal, Steel Points.  
 Nos. .... 1 ..... 2  
 Per pair ..... \$1.15 ..... 1.35

The steel points are removable and the pencil socket, which accompanies each pair, can be substituted when desired.

One pair in a box.

Stanley's Rule Trammel Points



A complete set consists of two trammel heads, with movable steel points, and one head with a pencil socket.

No. 99 ..... Per set \$0.85

Three sets in a box.

Chesterman's Steel Land Chains



Made of best cast steel wire, hardened, tempered and black enamelled, with three oval rings. Brass swivel handles and tallies. Divided into links and tallied at every ten links.

No. 61—Two pole ..... Each \$2.25  
 No. 61—Four pole ..... Each 3.50

Land Chain Arrows

15 inches long, in sets of ten ..... Per set \$0.50

Four Pole.  
 Quarter-size out.

Cast Steel Dividers

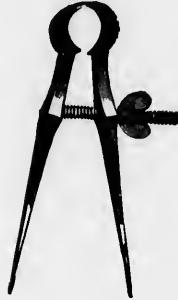


No. 50.

5	6	7	8	10	12	15
\$3.35	3.50	3.70	4.50	5.75	6.75	10.00

5 to 8 inch, one dozen in a box; 9 inch, and larger, half dozen.

SPRING DIVIDERS



No. 2095—CAST STEEL.

Polished.

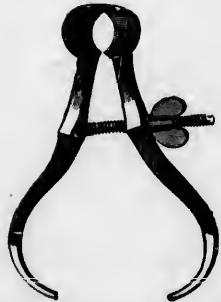
Inch .....	5	6
Per dozen .....	\$4.80	5.10
Half dozen in a box.		

No. 40—Cast Steel Compasses



Inch .....	5	6	7
Per dozen .....	\$2.25	2.40	2.70
One dozen in a box.			

Spring Calipers



No. 2117—CAST STEEL.

Polished.

Inch .....	4	5	6	7
Per dozen .....	\$5.10	£.40	5.75	6.75
Half dozen in a box.				



FIRM JOINT CALIPERS



No. 2020 B Outside.

Inch .....	3	4 1-2	6	8	10
Per dozen .....	\$2.25	2.40	3.25	5.00	8.00

Yankee Outside and Inside Calipers

No. 73 represents a new Yankee Inside Transfer Caliper with either spring or solid nut. The bow is stiff, making the Caliper reliable. After calipering inside of chambered cavity by springing in the legs they may be withdrawn, and as they spring back will show the exact size calipered.

Sizes are made 4, 5, 6, and 8 inch. Price same as Outside.

PRICE LIST.

Nos. 73 and 79

2 1-2 inch, with solid nut .....	Each	\$0.90
3 inch, with solid nut .....	Each	.95
4 inch, with solid nut .....	Each	1.00
5 inch, with solid nut .....	Each	1.05
6 inch, with solid nut .....	Each	1.15
8 inch, with solid nut .....	Each	1.35

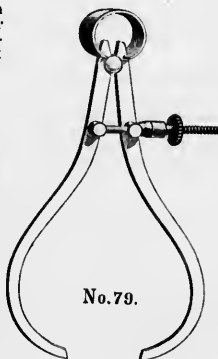
Nos. 73 and 79

2 1-2 inch, with spring nut .....	Each	\$1.20
3 inch, with spring nut .....	Each	1.30
4 inch, with spring nut .....	Each	1.35
5 inch, with spring nut .....	Each	1.40
6 inch, with spring nut .....	Each	1.50
8 inch, with spring nut .....	Each	1.70

Sent with solid nut unless otherwise ordered.



No. 73



No. 79.

Starrett's Improved Firm-Joint Calipers

Nos. 26 and 27

The improvement in these Calipers consists in the construction of the joint, which is so made as to be drawn together by means of a screw forcing a washer on to a squared end of the main rivet which extends through the legs, thus clamping them together between bearings so shaped as to insure a smooth and uniform friction, of more or less tension, to suit the user.

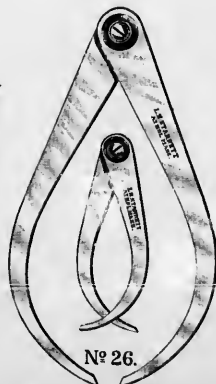
The quality of these Calipers is incomparably superior to that of any old style riveted-joint Caliper on the market.

Inch .....	3	4	5	6	8	10
Each .....	\$0.55	.70	.75	.90	1.10	1.20

The above sizes refer to the length of the Calipers. Their capacity is about 1-3 greater than the size given.



No. 27.



No. 26.

5  
\$4.80

6  
5.10

6  
2.40

7  
2.70

6  
5.75

7  
6.75

**INSIDE CALIPERS**



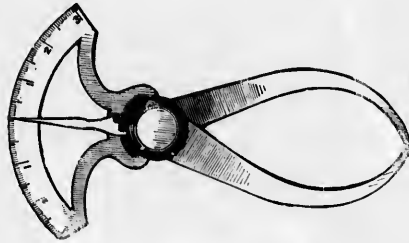
	<b>No. 262</b>			
Inch.....	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
Per dozen.....	\$2.10	2.25	2.65	3.00

Half dozen in a box.

**Self-Registering Calipers**

No. 165—BOTH INSIDE AND OUTSIDE.

Nickel-plated, with set screw.



Inch.....	<b>4</b>	<b>5</b>	<b>6</b>
Per dozen.....	\$13.00	15.00	17.00

No. 1566 x 6 inch—Polished steel ..... Per dozen \$20.25

Half dozen in a box.

**Starrett's Improved Extension Divider**



This is a well-made, nicely-finished Divider, with auxiliary caliper legs, which, together with a common pencil, form convenient combinations. The patent locking nut between the arms, against which a spiral spring acts, is a valuable feature. After the fine adjustment is made, the nut may be turned back, locking spring and arms firmly, thus remedying the weak point which renders the common wing divider only as stiff as the adjusting spring. A full-threaded nut on the stud, through which the quadrant passes, is a more durable fastener than two or three threads tapped in the arm to hold the wing of the old style. The head and arms of this tool are made from best malleable iron, the rest of steel. The points are

hardened and warranted first-class. The smallest size is 7 inches; by adjustment of points becomes 9 inches, and will scribe a 22 inch circle; will caliper 11 inches outside and 13 inches inside. The second size is 9 inches; by adjustment of points becomes 12 inches, and will scribe a thirty inch circle, and caliper 14 inches outside and 16 inches inside. The dividers will be sold without caliper legs when so ordered.

<b>7 inch, with Divider Legs only</b> .....	Each \$1.90
<b>9 inch, with Divider Legs only</b> .....	Each 2.25
<b>7 inch, complete</b> .....	Each 3.40
<b>9 inch, complete</b> .....	Each 3.75

**Yankee Spring Dividers**



No. 84—Without thumb attachment.

2½ inch.....	Each \$0.90
3 inch.....	Each 0.95
4 inch.....	Each 1.00
5 inch.....	Each 1.10
6 inch.....	Each 1.15
8 inch.....	Each 1.30

No. 83—With thumb attachment.

2½ inch, with thumb attachment .....	\$1.10
3 inch, with thumb attachment .....	1.15
4 inch, with thumb attachment .....	1.20
5 inch, with thumb attachment .....	1.30
6 inch, with thumb attachment .....	1.35
8 inch, with thumb attachment .....	1.55

The 4, 5, 6 and 8 inch are furnished with spring nut when ordered, at an extra cost of 35 cents each.

**DOUBLE STEEL SQUARE**



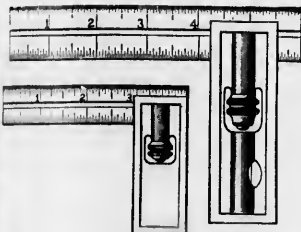
This cut represents a double solid steel square, with patent 2 1-2 inch sliding scale, and is especially designed for fine tool-makers. The rule being narrow and instantly adjusted to any length, however short, allows it to be used where it would be impossible to use any square with a fixed blade.

Fitted to go with this stock there is a bevel blade and a very narrow straight one, about 1-8 inch wide, highly prized by die-makers for squaring small holes, both of which blades will be sent with the square unless otherwise ordered.

No. 14.

Price of Square	.....	\$ 3.00
With either bevel or narrow blade	.....	3.45
Complete	.....	3.90

**Starrett's Patent Double Square**



No. 13.

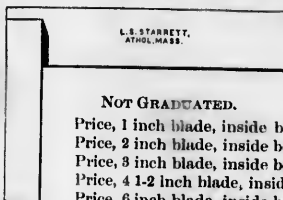
This Square is conceded the most practical one for machinists and fine tool-makers' use ever offered. The sliding scale, shortened or extended full length, makes it more valuable than a full set of the common kind, while with the extra bevel blade we have both the hexagon and octagon angles.

The seat against which the blade is clamped being convex, should corners of the blade get injured, the accuracy of the square is not affected.

Price, 4 inch	.....	\$1.90	With both blades	.....	\$2.50
Price, 6 inch	.....	3.00	With both blades	.....	3.75
Price, 8 inch	.....	4.50			
Price, 12 inch	.....	6.00			

Both blades with 4 and 6 inch always sent unless otherwise ordered.

**Hardened Edge Solid Steel Square**

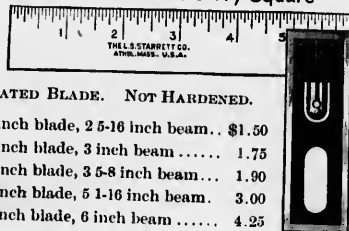


No. 20.

**NOT GRADUATED.**

Price, 1 inch blade, inside beam	.....	\$ 2.25
Price, 2 inch blade, inside beam	.....	3.00
Price, 3 inch blade, inside beam	.....	3.75
Price, 4 1-2 inch blade, inside beam	.....	5.25
Price, 6 inch blade, inside beam	.....	6.75

**Starrett's No. 60 Reliable Try Square**



No. 60.

**GRADUATED BLADE. NOT HARDENED.**

Price, 4 inch blade, 2 5-16 inch beam	.....	\$1.50
Price, 5 inch blade, 3 inch beam	.....	1.75
Price, 6 inch blade, 3 5-8 inch beam	.....	1.90
Price, 9 inch blade, 5 1-16 inch beam	.....	3.00
Price, 12 inch blade, 6 inch beam	.....	4.25

**Smallwood's Engineers' Steel Squares**

Inch.....	.....					
No. 602 - Not graduated	.....	Per dozen	2	3	4	6
Inch.....	.....		\$4.75	6.50	6.00	7.50
No. 603 - (graduated on one side)	.....	Per dozen	2	3	4	6
	.....		\$5.25	6.00	6.75	

**Universal Bevel**



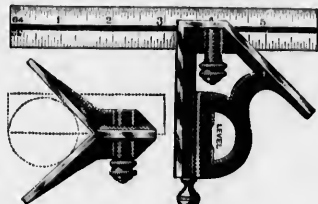
No. 15.

Improved features. The set-off in the blade increases its capacity and usefulness for bevel gear work, etc., so that any angle, however slight, may be obtained.

Another valuable feature is, one edge of the case being solid, forms a rest directly under the blade, where thin templets may be placed and accurately fitted.

No. 15—Universal Bevel	.....	Each	\$2.25
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## STARRETT'S PATENT COMBINATION SQUARE

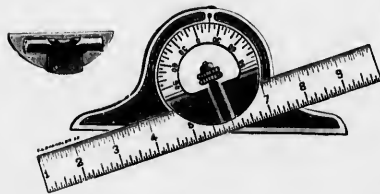


No. 11.

Every tool warranted accurate. With the adjustable scale this forms one of the most convenient and useful tools ever devised for mechanics' use. One is a complete substitute for a whole set of common try squares, and is one of the best gauges ever made for transferring exact measurements or laying out work. It is also convenient for a depth gauge, or to square in a mortise. For a mitre it is perfect, while with the auxiliary centre head it forms a centering square, both inside and outside, which for convenience and accuracy has no equal.

4 inch, without centre head or level .....	Each \$1.50
6 inch, with centre head and level .....	Each 3.00
9 inch, with centre head and level .....	Each 3.75
12 inch, with centre head and level .....	Each 4.50

## Improved Bevel Protractor



No. 12.

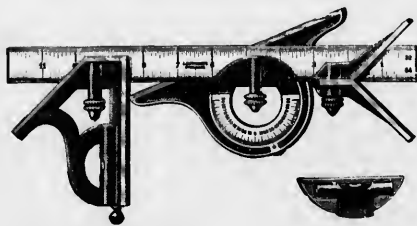
This is the best bevel protractor for the price yet invented. An adjustable rule, held firmly at any point by a thumb nut, passes through a revolving turret, which is nicely graduated in degrees from 0 to 90, both right and left, and can be accurately adjusted to show any angle.

A valuable auxiliary is now made in the shape of a small level to be attached in place of the rule removed, forming an adjustable level to show any degree, thus greatly increasing the usefulness of the instrument.

This level will now be sent with every Protractor without extra charge. It will fit the Protractors formerly made, and will be sold alone for 75 cents each.

No. 12—5 inch head, 9 inch blade .....	Each \$3.75
No. 12—7 inch head, 12 inch blade .....	Each 4.50

## Starrett's Combination Set



No. 9.

This cut shows Combination Square (No. 11) with centre head and 7 inch Bevel Protractor Head (No. 12), all on the No. 11 Square Scale. Each head may be instantly removed, or replaced and used interchangeably with the scale, thus forming the most useful combination set of tools ever devised for mechanics' use.

No. 9—9 inch set, complete .....	Each \$6.75
No. 9—12 inch set, complete .....	Each 7.50
No. 9—18 inch set, complete .....	Each 8.75

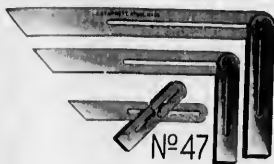
This Gauge inside the nut v the end, as well By loosening folded.

With 4 inch sto With 6 inch sto With 10 inch sto



5 inch (beam 15-6 6 inch (beam 5-16





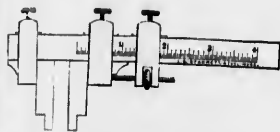
**IMPROVED BEVEL**

The advantages of this bevel, over any other tool of this kind made, consist in its having not only the blade slotted but the stock as well, through and through, thus admitting adjustments that cannot be obtained with a common level. The clamping screw head, which the cut does not show, is let into a rabbet flush with the surface of the stock, which will lie flat on the work.

Inch .....	6	9	12
Each .....	\$1.90	2.25	2.75

**Caliper Square**

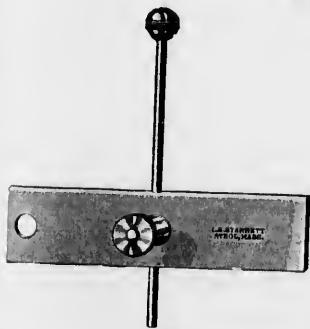
Cut represents an improved tool for both outside and inside measure. The beam is nicely graduated, 64ths on one side, 100ths on the other. For close work this is a reliable tool.



No. 25. Cut half size.

3 inch, without adjusting screw .....	Each \$4 50
4 inch, without adjusting screw .....	Each 5.00
3 inch, with adjusting screw .....	Each 5.25
4 inch, with adjusting screw .....	Each 6.00
With hardened jaws, extra .....	2.25

**Starrett's Depth Gauge**

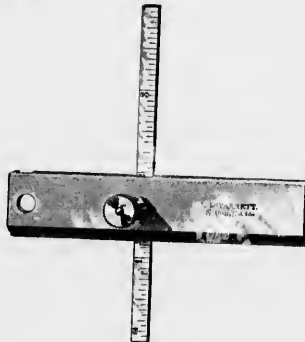


No. 45.

This Gauge is held to a groove by a friction spring inside the nut while adjusting, and may be used close to the end, as well as in the middle of the straight edge.

By loosening the nut, the Gauge may be neatly folded.

With 4 inch stock .....	\$1.15
With 6 inch stock .....	1.75
With 10 inch stock .....	2.05



No. 46.

Has in place of the round wire to slide in the groove, as shown with No. 45, a 4-inch scale, 3-16 inch wide, graduated in either 32nds and 64ths, or 50ths and 100ths, indicating exact measurements, and may be used separately from the Gauge.

With 4 inch stock .....	\$1.90
With 6 inch stock .....	2.25

**Starrett's Scratch Gauge**

This Gauge is made of steel, with hardened cast steel head. Through it is a split bushing, against which the set screw acts to hold it firm. The beam is graduated in either 50ths or 64ths of an inch. The marker is a thin square piece of steel, nicely tempered, which is firmly held against the end of beam, presenting four marking points.



No. 29.

5 inch (beam 15-64) .....	Each	Graduated.	Not Graduated.
6 inch (beam 5-16) .....	Each	\$1.50	\$1.00
		1.90	1.15

Unless otherwise ordered we will send these graduated in 64ths.  
Two extra cutters sent with each Gauge. They should last for years.

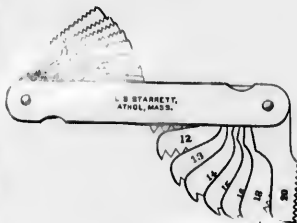
IMPROVED SCREW PITCH GAUGE

This Gauge has twenty pitches, viz.: 9, 10, 11, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40.

This is the *only* gauge made that can be used inside a nut as well as on the outside of a screw or bolt.

Notwithstanding its double use and value, it is sold for the same price as those of old style having less pitches.

Each .....\$1.50



No. 40

CENTRE GAUGE



No. 32.

Not tempered ..... Each \$0.38

Spring tempered ..... Each .60

Sent not tempered, unless otherwise ordered.

Tool-Makers' Universal Surface Gauge

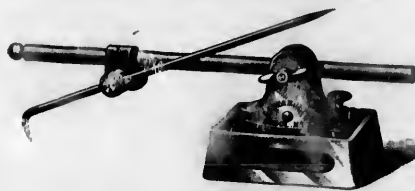


No. 56.

This little tool fills the bill for a gauge adapted for light work. It is made on the principle of the new No. 55. The base is steel, nicely finished and case hardened, with depressions milled in the sides for the thumb and finger to grasp. The top side of it is slotted and the rocking bracket is pivoted in the same. There is a stiff spring under one end of the bracket and a knurled adjusting screw in the other; the spindle jointed to this may be set and rigidly held in any position from vertical to horizontal, and the scriber placed in position to be used below its base for Depth Gauge, or (with bent end down) as a Scribing Gauge. It weighs but 11 ounces and is 5 inches high, and, folding the spindle (which is 4 inches long) horizontally over the base, it may be packed in 1 1/2 x 1 1/2 x 4 inches space in the tool chest. A more convenient or pleasing tool of the kind does not exist.

No. 56—Tool-Makers' Surface Gauge ..... Each \$1.00

Starrett's Universal Surface Gauge



No. 55.

This Gauge has the following improved features, viz.: a joint at the base which allows the spindle and scriber to be moved back and forth and placed in any position from upright to horizontal to reach over, back of and under work that could not be got at with old style gauges, while by inclining the spindle over the work its scope for long reach is increased.

The fine adjustment is nicely obtained by the knurled screw in the rocking bracket at the base acting against a stiff spring under the opposite end, while the joint above with the spindle may be set and rigidly held in any position desired. Two pins through the base, frictionally held, may be pushed down by slight pressure to form a bearing to work from the edge of, or in the slots of the planer bed, for lapping up work, while the weight of the gauge against the bed with a little pressure is sufficient to push them home. Grooves around these pins, against which a pointed spring plunger presses, insure their being held in place either up or down. Concave depressions milled in the sides of the base make it convenient for thumb and finger to grasp.

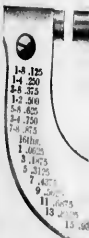
This Gauge is furnished with improved sleeve which rigidly holds the scriber.

The Gauge is nicely made in two sizes, with spindles of extra length to order.

No. 1—9 inch ..... Each \$3.75  
 No. 2—12 inch ..... Each 4.50  
 No. 3—With 2 spindles 12 and 18 inch ..... Each 5.25

This gauge meter adjustment for the fitting parts is held by slotted adjustments are made. A knurled end for adjusting

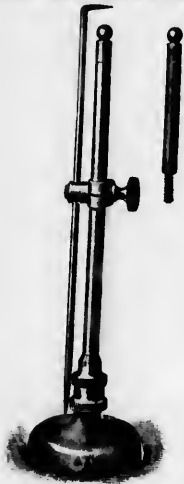
8 inch, with  
 7 inch, with  
 12 inch, w



the ends of bush  
 pushing to a cle  
 which for relief

No. 3—Screw M

**STARRETT'S  
MICROMETER SURFACE GAUGE**



No. 53.

This gauge has a turned and polished base, a Micro-meter adjusting nut reading 1,000, and a six-inch extension for the spindle. By means of springs and taper fitting parts of the sleeve (not shown in cut), the scriber is held by slight friction in any position while adjustments are made, and firmly held by a turn of the nut. A knurled cam on the base releases and locks the spindle for adjusting.

**PRICES.**

8 inch, without extension .....	\$3.75
12 inch, without extension .....	5.25
12 inch, with extension .....	6.00

In ordering, give SIZE wanted.

**STARRETT'S  
ADJUSTABLE JAW CUT-NIPPER**



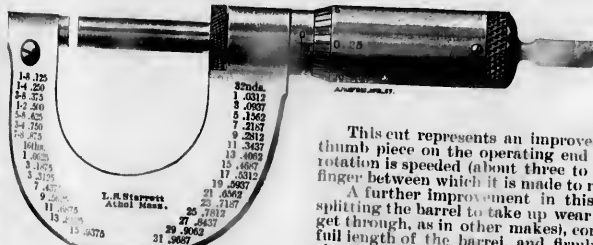
No. 1.

The head and handles are of drop forged steel, finely finished. All the parts are case hardened, except the jaws. These are made from a high grade of steel, nicely tempered. Those warranted to cut music wire have their cutting edges ground to a short steep bevel, while those for common use have their cutting edges ground more acute, work easier, and are preferable for cutting softer wire, or for general use.

In ordering, please designate the style wanted, as below.

6 inch, M (for music wire) .....	\$3.40
6 inch, C (for common use) .....	3.40
8 inch, M (for music wire) .....	4.50
8 inch, C (for common use) .....	4.50

**Starrett's "Speeded Screw" Micrometer**



No. 3.

Cut full size.

The ends of bushing, one to take up wear and cause a close fit on the spindle, only by a slight turn of the nut lock firm, thus making a solid gauge when desired, which for reliability has no equal.

No. 3—Screw Micrometer, with morocco case .....	Each \$9.75
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**HIGH SPEED INDICATORS.**



No. 104.

Starrett's.

This Indicator may be run at highest speed required without heating, and this on account of our frictionless bearing against which the inner end of the spindle revolves (for which patent is pending).

The working parts of this instrument are encased, and the dial plate has two rows of figures, reading right and left, as the shaft may run.

The inner plate is frictionally clamped to the revolving gear by a checked wafer head screw. By a pressure and twist with the thumb the plate is loosened when the 0 mark may be instantly moved to agree with the starting point, thus saving time revolving the spindle to bring it there.

It is furnished with or without split cap, but to fit a pointed shaft the split cap is needed.

No. 104.

- With split cap ..... 81.90
- Without split cap ..... 1.55
- With morocco case, extra ..... 75

We supply the Indicators with a spindle 7 1-2 inches long for use on Dairy Machines, etc., for 75 cents extra.

The Indicator with split cap in pasteboard box will be sent unless otherwise ordered.

- No. 50—Speed Indicators, plain cap, plated..... Per dozen \$9.00

**Nickel-Plated Pocket Levels**



- No. 11—2 1-2 inch nickel plated..... Each \$0.50
- No. 12—3 1-2 inch, nickel plated..... Each 1.15

**Lock Slide Caliper Rules**



Outside.

The slide in this rule is graduated in 50ths and 64ths and verniers to 100ths, is quickly and accurately adjusted, and when adjusted can be firmly locked in position by a thumb nut on reverse side.

- 3 inch..... Each \$3.00
- 4 inch..... Each 3.50

Inside.

- 3 inch..... Each \$3.00
- 4 inch..... Each 3.00



No. C818

No. C848 - D

No. C611 - R  
Brown & Sh

No. 1110 - O  
Stubs' Oblong

No.	Size
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Inch	Dec
1-16	.06
3-64	.07
3-32	.06
7-64	.10
1-8	.12
9-64	.14

WIRE GAUGES



No. C818.



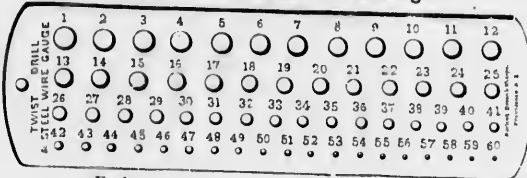
No. C611.



No. 1110.

- No. C848 - Double Round Wire Gauges, Wynn's Nos. 1 to 30 ..... Each \$3.75  
 No. C611, Round.  
 No. C611 - Round Wire Gauges, Wynn's Nos. 1 to 30 ..... Each \$3.00  
 Brown & Sharpe's Round Wire Gauges, Nos. 0 to 30 ..... Each 7.00  
 No. 1110, Oblong.  
 No. 1110 - Oblong Wire Gauges, Wynn's Nos. 1 to 26 ..... Each \$2.75  
 Stubs' Oblong Wire Gauges, Stubs' Nos. 1 to 30 ..... Each 3.80

Twist Drill and Steel Wire Gauge



Each..... \$2.00

SIZES OF GAUGE IN DECIMALS

No.	Size of Number	No.	Size of Number	No.	Size of Number	No.	Size of Number
1	.2280	16	.1770	31	.1200	46	.0810
2	.2210	17	.1730	32	.1160	47	.0785
3	.2130	18	.1695	33	.1130	48	.0760
4	.2090	19	.1660	34	.110	49	.0730
5	.2055	20	.1610	35	.1100	50	.0700
6	.2040	21	.1590	36	.1065	51	.0670
7	.2010	22	.1570	37	.1040	52	.0635
8	.1990	23	.1540	38	.1015	53	.0595
9	.1960	24	.1520	39	.0995	54	.0550
10	.1935	25	.1485	40	.0980	55	.0520
11	.1910	26	.1470	41	.0960	56	.0485
12	.1890	27	.1440	42	.0935	57	.0430
13	.1850	28	.1405	43	.0890	58	.0420
14	.1820	29	.1360	44	.0860	59	.0410
15	.1800	30	.1285	45	.0820	60	.0400

Jobbers' Drill Gauge

Each..... \$3.50

SIZES OF GAUGE IN DECIMALS

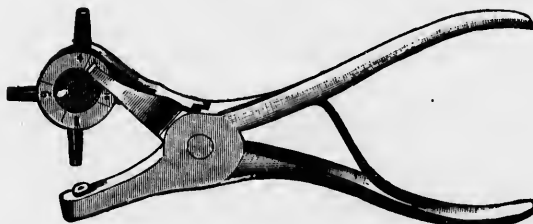
Inch	Decimal	Inch	Decimal	Inch	Decimal	Inch	Decimal	Inch	Decimal
1-16	.0625	5-32	.15625	1-4	.25	11-32	.34375	7-16	.4375
5-64	.07812	11-64	.17187	17-64	.26562	23-64	.35937	29-64	.45312
3-32	.09375	8-16	.1875	9-32	.28125	3-8	.375	15-32	.46875
7-64	.10937	13-64	.20312	19-64	.29687	25-64	.39062	31-64	.48437
1-8	.125	7-32	.21875	5-16	.3125	13-32	.40625	1-2	.50
9-64	.14062	15-64	.23437	21-64	.32812	27-64	.42187		

**SPRING PUNCHES**



No. 10..... Per dozen \$4.50  
 No. 12—With two extra tubes..... Per dozen 7.25

**Revolving Spring Punches**



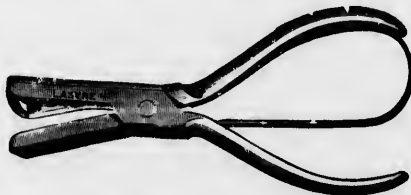
Four tubes..... Per dozen \$19.50

Half dozen in a box.

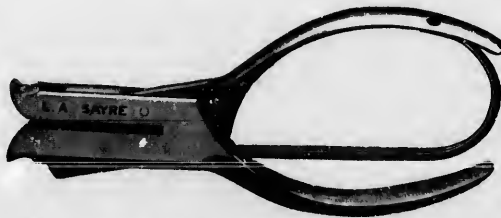
**EXTRA TUBES.**

Tubes only..... Per dozen \$1.50

**Conductor's Punches**



No. 27—Length of jaw 5-8 inch, round hole only, polished..... Per dozen \$11.50



No. 28 3-4—Length of jaw 1 1-8 inch, assorted dies, nickel plated..... Per dozen \$27.00

Half dozen in a box.

Inch .....  
 Per dozen .....

Inch .....  
 Per dozen .....

Inch .....  
 Per dozen .....

Inch .....  
 Per dozen .....

No. 8073H—4  
 No. 8540 —6

Inch .....  
 Per dozen .....

Inch .....  
 Per dozen .....

Inch .....  
 Per dozen .....

**KEYES' FLAT NOSE PLIERS**



Wrought Steel, Black.

Inch.....	4	5	6	7
Per dozen.....	\$1.50	1.90	2.25	2.75

Half dozen in a box.

**Flat Nose Pliers**



No. 583—German Black.

Inch.....	4	4 1-2	5	5 1-2	6	6 1-2	7
Per dozen.....	\$1.20	1.25	1.40	1.60	1.75	2.10	2.25

No. 72—Solid Steel, Drop Forged, Black.

Inch.....	4 1-2	5	5 1-2	6	7
Per dozen.....	\$2.85	3.25	3.90	4.50	5.90

Stubs'. No. 161.

Inch.....	4 1-2	5	5 1-2	6	7
Per dozen.....	\$6.00	7.25	8.25	10.50	15.75

**Stocking Pliers**

Long Nose, Bright.

No. 8073H—4 Inch, Bright Stocking Pliers.....	Per dozen \$4.50
No. 8540 —6 Inch, Bright Stocking Pliers.....	Per dozen 7.25

Half dozen in a box.

**Round Nose Pliers**



No. 583 1-2—German Black.

Inch.....	5	5 1-2	6	7
Per dozen.....	\$1.40	1.60	1.75	2.25

No. 73—Solid Steel, Drop Forged, Black.


Inch.....	5	5 1-2	6
Per dozen.....	\$3.25	3.90	4.50

Stubs'. No. 162.

Inch.....	5	5 1-2	6
Per dozen.....	\$7.25	8.25	10.50

Half dozen in a box.

**COMBINATION PLIERS**

 **6 inch** ..... **BLACK.** ..... Per dozen \$21.00  
**6 inch** ..... **NICKEL PLATED.** ..... Per dozen \$23.00  
 Half dozen in a box.



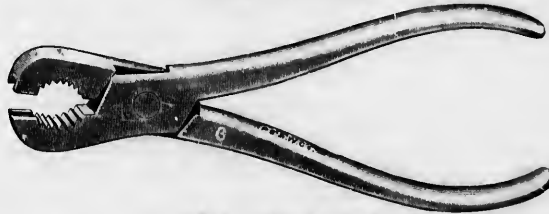
**10 inch, black** ..... Per dozen \$29.00  
**10 inch, nickel plated** ..... Per dozen 33.00  
 Half dozen in a box.



**Gas Burner Pliers**

With flat nose, wire cutter and turnscrew ends combined.  
 No. C853—Wynn's polished ..... Per dozen \$5.00

**Gas Burner Pliers**



**Solid Steel Forged Burner Pliers**

**5 Inch Burner Pliers, drop forged and polished** ..... Per dozen \$3.00  
**6 Inch Burner Pliers, drop forged and polished** ..... Per dozen 4.20  
 Half dozen in a box.

**Gas Pliers**



**Solid Steel Forged Gas Pliers, Polished**

Inch.....	<b>8</b>	.....	<b>10</b>	.....	<b>12</b>
Per dozen .....	\$5.75	.....	7.50	.....	9.00

Half dozen in a box.

No. 600-7 In

Inch .....  
 Per dozen .....

No. 30796-6

No. 4029-7 In



**COMBINATION BURNER PLIERS**



No. 600, Black

With Flat Nose, Side Cutter, and Notched Wire Cutter, Combined.

No. 600—7 Inch Combination Burner Plier ..... Per dozen \$11.75  
Half dozen in a box.

**Bernard's Nickel-Plated Steel Pliers**

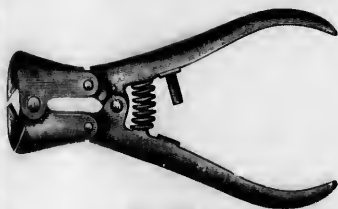


Bernard's Flat Nose Pliers, Open Throat, with Side Cutter.

Inch .....	<b>4 1-2</b>	<b>5 1-2</b>	<b>6 1-2</b>	<b>7 1-2</b>
Per dozen .....	\$15.00	19.50	24.00	31.50

Half dozen in a box.

**Lever Cutting Nippers**



No. 30706.  
End Cutting, Black.



No. 4029.  
Side Cutting, with Flat Nose, Black.

End Cutting Nippers.

No. 30706—6 Inch Wrought Steel End Cutting Nippers, black ..... Per dozen \$11.00

Side Cutting Nippers, with Flat Nose.

No. 4029—7 Inch Wrought Steel Side Cutting Nippers, black ..... Per dozen \$10.00

Half dozen in a box.

SIDE CUTTING PLIERS



No. 8253.



No. 206.

No. 8253—Cast Steel, Inserted Cutters.

No. 8253—6 Inch Side Cutting Pliers, black .....	Per dozen	\$9.00
No. 8253—6 1-2 Inch Side Cutting Pliers, black .....	Per dozen	9.75

No. 206—Cast Steel, Solid Cutters.

No. 206—Inch .....	5 1-2	6	6 1-2
Per dozen .....	\$7.25	8.00	9.25

Stubs' Cast Steel.

No. 153—Inch .....	5	5 1-2	6	6 1-2	7	8
Per dozen .....	\$11.50	11.50	13.00	16.25	21.00	28.50

Half dozen in a package.

Wire Cutters



No. 30—4 Inch Wire Cutters, nickel plated, wrought steel .....	Per dozen	\$2.75
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Half dozen in a box.

Cutting Nippers



No. 3—Ordinary size, 10 inches long .....	Per pair	\$2.75
No. 2—Large size, 11 inches long .....	Per pair	3.50
No. 1—Extra large size, 12 inches long .....	Per pair	3.75

One pair in a package.

END CUTTING NIPPERS



Cast Steel, Extra Quality

No. 8125

Inches .....									
Per dozen .....									

Stubs'

No. 154

Inches.....	4	4 1-2	5	5 1-2	6	8
Per dozen .....	\$12.30	12.30	12.30	13.50	16.20	30.00

Button's Pattern Cast Steel Pliers and Wire Cutters



Inches .....						
Per dozen .....						

Cronk's

10 Inches .....						

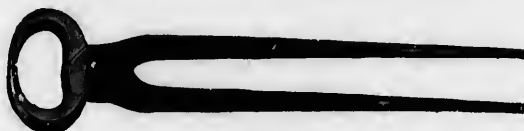
Cronk's Patent All Steel, Wire Cutter and Bender



Inches .....						
Per dozen .....						

Half dozen in a box.

**HELLER & BROS' FARRIERS' PINCERS.**



Style of 12 Inch.



Style of 14 Inch, "J. I. C." Pattern.

**Newark Pattern, Solid Steel, Fancy Handles, Polished Jaws.**

Inches.....	12	14
Per Dozen.....	\$17.25	26.25

**Heller & Bros' Cutting Nippers.**



**Newark Pattern, Solid Steel, Full Polished.**

These Tools should never be used for Extracting Nails, although Olinches may be cut with them.

Inches.....	12
Per Dozen.....	\$23.00

**Heller & Bros' Hoof Parers.**



**Newark Pattern, Solid Steel, Full Polished.**

Makes a Clean and Smooth Cut to the extreme edge of the Hoof, which is impossible with Nippers.

Inches.....	12	14
Per Dozen.....	\$23.50	28.00

No. 52 x 12 in

No. 52 x 14 in

Canadian Hor

Canadian Hor

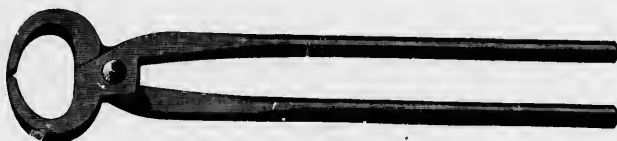
No. 213 ...

Per dozen ...

No. 1013 2 - 7

No. 2-Shoe Ha

HORSE SHOEING PINCERS



No. 52.

No. 52 x 12 inch—Horse Shoeing Pincers, wrought iron, steel face..... Per dozen \$10.50  
 No. 52 x 14 inch—Horse Shoeing Pincers, wrought iron, steel face..... Per dozen 12.50  
 One-third dozen in a box.

Canadian Horse Shoeing Pincers, 12 inch..... Per dozen \$6.75  
 Canadian Horse Shoeing Pincers, 14 inch..... Per dozen 7.50

Carpenters' Pincers



Shoemakers' Pincers



Carpenters' Pincers.

No. 213	6	7	8	10
..... Inch	.....	.....	.....	.....
Per dozen	\$1.30	1.75	2.25	4.00

Half dozen in a package.

Shoemakers' Pincers.

No. 1013 2-7 1-2 inch..... Per dozen \$3.75

Half dozen in a package.

Steel Face Shoe Hammers



No. 2—Shoe Hammers, steel faced..... Per dozen \$7.25

Half dozen in a package.

14  
26.25

them.

pers.

14  
28.00

SLIDING T BEVELS



No. 25—Rosewood Handle.

Brass Tips and Flush Lever. Hardened and Tempered Blade.

Inch.....	6	8	10
Per dozen.....	\$4.25	4.50	5.00

Half dozen in a box.

Try Squares



No. 2—Rosewood Handle.

Brass Lined Handle, Graduated Blade, Square Inside and Out.

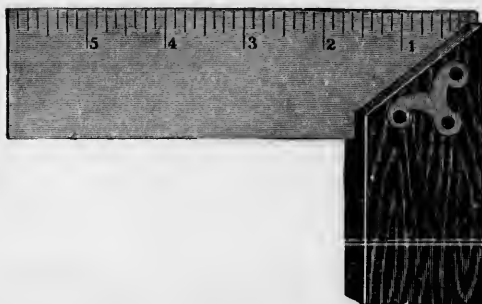
Inch.....	4 1-2	6	7 1-2	9
Per dozen.....	\$2.65	3.40	4.00	4.50

Kent's Plated Try Squares

Inch.....	4 1-2	6	7 1-2	9
Per dozen.....	\$4.80	6.00	7.25	8.25

Half dozen in a box.

Combined Try and Mitre Squares

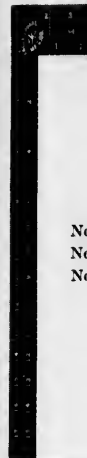


No. 32—Rosewood Handle.

Brass Lined Handle, Graduated Blade, Square Inside and Out.

Inch.....	6
Per dozen.....	\$5.00

Half dozen in a box.



STEEL		
Nos.	Per dozen	Box
100	\$40.00	24x
1	30.00	24x
2	27.00	24x
3	24.00	24x
4	23.00	24x
5	22.50	24x
7	21.50	24x
14	21.00	24x
15	300.00	24x

No. 103—Quali  
 Per doz  
 No. 112—\$22.00  
 No. 111— 22.00

(A, Face of Square, )  
 (B, Face of Square, )  
 (C, Face of Square, )  
 (D, Face of Square, )

IRON AND STEEL SQUARES



Iron Squares

- No. 492—1 1/2 inch wide, marked in 1/4ths on one side ..... Per dozen \$2.65
- No. 493—1 1/2 inch wide, marked in 1/4ths on both sides ..... Per dozen 3.40
- No. 494—2 inch wide, marked in 1/4ths on both sides ..... Per dozen 4.50

Half dozen in a package.

POLISHED STEEL SQUARES

Nos.	Per dozen	SIZE IN INCHES		HOW MARKED								TWO FEET SQUARES.
		Body	Tongue	FACE				BACK				
				A	B	C	D	E	F	G	H	
100	\$40.00	24x2	16x1 1-2	1-16	1-8	1-16	1-8	1-12 & 100's	1-32	1-12	1-10	Brace Measure, 8 Square and Essex's Board.
1	30.00	24x2	16x1 1-2	1-16	1-8	1-16	1-8	1-12 & 100's	1-8	1-12	1-8	" " 8 " " " "
2	27.00	24x2	16x1 1-2	1-16	1-8	1-16	1-8	1-12	1-4	1-12	1-4	" " 8 " " " "
3	24.00	24x2	16x1 1-2	1-16	1-4	1-16	1-4	1-12	1-4	1-12	1-4	Brace Measure and Essex's Board.
4	23.00	24x2	16x1 1-2	1-8	1-4	1-8	1-4	1-12	1-4	1-12	1-4	" " " " " "
5	22.50	24x2	16x1 1-2	1-8	1-4	1-8	1-4	1-12	1-2	1-12	1-4	" " " " " "
7	21.50	24x2	16x1 1-2	1-8	1-4	1-8	1-4	1-4	1 in.	1-4	1-4	Essex's Board.
14	21.00	24x2	16x1 1-2	1-8	1-4	1-8	1-4	1-4	1 in.	1-4	1-4	" "
BRIDGE BUILDERS'												
15	300.00	24x3	18x1 1-2	1-16	1-8	1-16	1-8	1-12	1-8	1-12	1-8	Body is three inches wide with a one inch slot through the centre. Slot is marked in 1-8ths on both sides.

Nickel-Plated Squares

No. 103—Quality and marking same as No. 3 ..... Per dozen \$31.00

One Foot Squares

No.	Per doz.	Body	Tongue	A	B	C	D	E	F	G	H	
No. 12	\$22.00	12 x 1 1-2	8 x 1	1-16	1-8	1-16	1-8	1-12	1-8	1-12	1-8	Polished.
No. 111	22.00	12 x 1 1-2	8 x 1	1-8	1-4	1-8	1-4	1-4	1-4	1-4	1-4	Nickel-plated.

One-quarter dozen in a box.

Explanation of the Letters used on this Page to show how Squares are marked.

- (A) Face of Body, Outside.
- (B) Face of Body, Inside.
- (C) Face of Tongue, Outside.
- (D) Face of Tongue, Inside.

- (E) Back of Body, Outside.
- (F) Back of Body, Inside.
- (G) Back of Tongue, Outside.
- (H) Back of Tongue, Inside.

The "Face" of the Square is the side upon which is stamped makers' name. The reverse side is the "Back." The larger arm is the "Body" and the shorter arm the "Tongue."

Squares with 18 inch tongue furnished to order.

FILES



Inches.....	3	4	5	6	7	8	9	10	12	14	16
Per Dozen.....	\$1.80	1.80	2.00	2.25	2.55	2.90	3.30	3.80	5.40	7.50	11.00

**Bastard.**

ONE ROUND EDGE ADVANCES 7/8 PER CENT.



Inches.....	3	4	5	6	8	10	12	14	16
Per Dozen.....	\$2.00	2.00	2.20	2.50	3.40	4.70	6.70	9.50	13.10

**Flat Bastard.**



Inches.....	3	4	6	8	10	12	14	16
Per Dozen.....	\$2.40	2.95	4.00	5.45	7.70	10.90	14.95	18.00

**Flat Second Cut.**



Inches.....	3	4	6	8	10	12	14	16
Per Dozen.....	\$2.65	3.25	4.35	5.90	8.40	11.80	16.00	18.00

**Flat Smooth.**

3 TO 10 INCH, ONE DOZEN IN A BOX; LARGER, HALF DOZEN.



Per Dozen ..... \$2.65 2.65 3.25 4.35 5.00 6.00 8.40 11.50 16.00  
 3 TO 10 INCH, ONE DOZEN IN A BOX; LARGER, HALF DOZEN.



**Hand Bastard.**

Inches.....  
 Per Dozen.....

10	12	14	16
\$6.20	7.50	10.50	14.50

**Equaling Bastard.**

Inches.....  
 Per Dozen.....

10	12	14	16
\$8.70	9.50	13.10	17.95

**FILES.**



**Hand Second Cut.**

Inches.....  
 Per Dozen.....

10	12	14	16
\$6.00	8.60	12.00	16.20



**Hand Smooth.**

Inches.....  
 Per Dozen.....

6	8	0	12	14	16
\$3.65	4.75	6.55	9.40	13.00	17.50

6 TO 10 INCH, ONE DOZEN IN A BOX; LARGER, HALF DOZEN.



FILES.



**Half Round Bastard.**  
 Double Cut on both Half Round and Flat Sides.

Inches.....	3	4	4½	5	6	8	10	12	14	16
Per Dozen .....	\$2.50	2.50	2.80	2.80	3.20	4.30	5.80	7.80	10.00	14.50



**Half Round Second Cut.**  
 Single Cut on Half Round Side, Double Cut on Flat Side.

Inches.....	6	8	10	12	14	16
Per Dozen .....	\$3.80	5.00	6.75	9.00	12.10	16.50



**Half Round Smooth.**  
 Single Cut on Half Round Side, Double Cut on Flat Side.

Inches.....	3	4	5	6	8	10	12	14	16
Per Dozen .....	\$3.30	3.30	3.70	4.15	5.50	7.30	9.75	13.10	17.70



**Cabinet Files.**

Inches.....	10	12	14
Per Dozen .....	\$3.75	12.30	16.90

3 TO 10 INCH, ONE DOZEN IN A BOX; LARGER, HALF DOZEN.

**Cabinet Files.**

Inches.....  
Per Dozen.....

10  
12  
14

\$3.75  
12.30  
16.90

3 TO 10 INCH, ONE DOZEN IN A BOX; LARGER, HALF DOZEN.



**Round Bastard.**

Inches.....  
Per Dozen.....

3  
4  
5  
6  
8  
10  
12  
14  
16

\$1.80  
2.00  
2.35  
2.90  
3.80  
5.40  
7.80  
11.00



**Round Smooth.**

Inches.....  
Per Dozen.....

3  
4  
6  
8  
10  
12  
14  
16

\$2.40  
2.40  
2.95  
3.70  
4.80  
6.75  
9.65  
13.40



**Square Bastard.**

Inches.....  
Per Dozen.....

3  
4  
5  
6  
8  
10  
12  
14  
16

\$2.00  
2.00  
2.20  
2.50  
3.40  
4.70  
6.70  
9.50  
13.10

**Square Blunt Bastard.**

Inches.....  
Per Dozen.....

12  
14  
16

\$8.00  
11.20  
15.25

3 TO 10 INCH, ONE DOZEN IN A BOX; LARGER, HALF DOZEN.

FILES.



Knife Bastard.

Inches.....	3	4	4 1-2	5	6
Per Dozen.....	\$2.80	2.80	3.20	3.20	3.70



Warding Smooth.

Inches.....	4	5	6	7	8	9	10
Per Dozen.....	\$3.00	3.30	3.65	4.15	4.75	5.55	6.55



Pit Saw Files, Single Cut.

Inches.....	6	8	10
Per Dozen.....	\$3.20	4.30	5.80



Revolving Three Square Taper Saw Files.

Inches.....	7	8	10
Per Dozen.....	\$2.40	2.90	3.40

ALL ABOVE ONE DOZEN IN A BOX.

10

9

8

7

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

ALL ABOVE ONE DOZEN IN A BOX.

Per Dozen

.....

.....



Improved Three Square Taper Saw Files, Single Cut.

Inches.....	3	3 1-2	4	4 1-2	5	6	8	10
Per Dozen.....	\$1.10	1.10	1.20	1.40	1.70	2.40	3.80	5.70



Improved Three Square Taper Saw Files, Slim.

Inches.....	3 1-2	4	4 1-2	5	6	7	8
Per Dozen.....	\$1.20	1.80	1.45	1.70	2.10	2.50	3.00

FILES.



Improved Three Square Taper Saw Files, Double Cut.

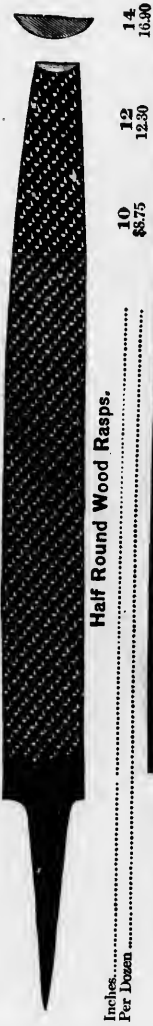
Inches.....	3	3 1-2	4	4 1-2	5	6
Per Dozen.....	\$1.60	1.60	.75	2.00	2.40	3.25

Peter Stubs' Genuine Taper Saw Files, Double Cut.

Inches.....	3	3 1-2	4	4 1-2	5	6
Per Dozen.....	\$1.70	1.80	2.00	2.50	3.10	3.90

ALL ABOVE ONE DOZEN IN A BOX.

RASPS.



**Half Round Wood Rasps.**

Inches.....	10	12	14
Per Dozen .....	\$8.75	12.50	16.90



**Cabinet Rasps.**

Inches.....	10	12	14
Per Dozen .....	\$11.20	15.00	19.50



**Half Round Shoe Rasps.**

Inches.....	8	10
Per Dozen .....	\$6.10	8.00



**Plain Horse Rasps.**

Inches.....	12	14	15	16
Per Dozen .....	\$8.00	10.70	15.00	17.50

ALL ABOVE HALF DOZEN IN A BOX.

INCH	4	5	6	7	8	9	10	11	12	13	14	15	16
INCH	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10		
INCH	12	13	14	15	16								

FILES.

LIST ADOPTED BY U. S. AND CANADIAN MANUFACTURERS, JULY 1, 1897.

Mill and Round				Flat				Square				Hand and Pillar				Half-round & 3-square			
INCH	BASTARD	20 CUT	SMOOTH	INCH	BASTARD	20 CUT	SMOOTH	INCH	BASTARD	20 CUT	SMOOTH	INCH	BASTARD	20 CUT	SMOOTH	INCH	BASTARD	20 CUT	SMOOTH
4	2.20	3.60	2.90	4	2.70	3.20	3.50	4	2.80	3.40	3.70	4	2.20	3.20	3.60	4	3.60	4.20	4.50
5	2.40	2.80	3.10	5	2.90	3.40	3.70	5	3.10	3.60	3.90	5	2.90	3.50	3.90	5	4.00	4.50	4.80
6	2.60	3.00	3.30	6	3.20	3.60	3.90	6	3.40	3.80	4.10	6	3.20	3.80	4.20	6	4.50	5.00	5.30
7	2.90	3.40	3.70	7	3.60	4.10	4.50	7	3.80	4.30	4.70	7	3.70	4.30	4.70	7	5.20	5.70	6.10
8	3.20	3.70	4.00	8	4.00	4.50	4.90	8	4.10	4.70	5.10	8	4.00	4.70	5.10	8	5.60	6.20	6.60
9	3.70	4.30	4.70	9	4.70	5.40	5.90	9	4.90	5.70	6.20	9	5.00	5.80	6.20	9	6.30	7.00	7.40
10	4.20	4.80	5.20	10	5.20	6.00	6.50	10	5.50	6.30	6.80	10	5.60	6.50	7.00	10	6.80	7.50	8.00
11	5.00	5.80	6.30	11	6.40	7.30	8.00	11	6.80	7.70	8.40	11	7.00	8.10	8.80	11	8.00	8.80	9.40
12	5.60	6.40	7.00	12	7.20	8.20	9.00	12	7.60	8.60	9.50	12	8.00	9.20	10.00	12	8.80	9.70	10.40
13	7.00	8.00	8.70	13	8.80	10.10	11.00	13	9.30	10.60	11.50	13	9.90	11.30	12.10	13	10.50	11.50	12.30
14	8.00	9.10	9.80	14	9.90	11.40	12.40	14	10.40	12.00	13.00	14	11.10	12.70	13.50	14	11.60	12.70	13.60
15	9.80	11.10	12.00	15	11.90	13.60	14.90	15	12.60	14.30	15.60	15	13.40	15.30	16.20	15	13.80	15.20	16.20
16	11.00	12.50	13.40	16	13.30	15.00	16.60	16	14.00	15.80	17.40	16	15.00	17.00	18.00	16	15.30	16.80	18.00

EXTRAS. Mill Double Cut, and Mill Narrow Points, advance One Inch.

INCH	Tapers		Slim Tapers		Band Saw Blunt and Taper		INCH	Pit Saw	Ward-ing	Planer Knife		Double Ender Taper	
	SINGLE CUT	DOUBLE CUT	SINGLE CUT	DOUBLE CUT	REG'LAR	SLIM				SINGLE CUT	BASTARD	INCH	SINGLE CUT
3	1.50	1.90	1.50	1.90	1.90	1.90	4						
3 1/2	1.50	1.90	1.50	1.90	1.90	1.90	5	3.60	3.00	8	4.50	7	2.60
4	1.60	2.10	1.60	2.00	2.10	2.00	6	4.00	3.30	10	6.40	8	2.90
4 1/2	1.80	2.30	1.70	2.20	2.30	2.20	7	4.50	3.70	12	9.00	9	3.20
5	2.00	2.60	1.90	2.40	2.60	2.40	8	5.20	4.40			10	3.70
5 1/2	2.20	3.00	2.10	2.60	3.00	2.60		5.60	4.80				
6	2.50	3.50	2.30	2.90	3.50	2.90							
7	3.20	4.20	2.80	3.30	4.20	3.30							
8	4.00	5.00	3.30	3.90	5.00	3.90							
9	4.90	6.00	4.00	4.70	6.00	4.70							
10	6.00	7.20	4.80	5.60	7.20	5.60							

INCH	Horse Rasps		1/2 Round Cabinet Files		1/2 Round Cabinet Rasps		1/2 Round Wood Rasps		Shoe Rasps, 1/2 Round	
	PLAIN	TANGED	INCH		INCH		INCH		INCH	
12	9.50	12.50	8	7.50	8	9.50	8	7.50	8	7.50
13	11.30	14.60	10	10.20	10	13.00	10	10.20	9	9.10
14	13.30	17.20	12	14.00	12	17.00	12	14.60		
15	15.60	20.30	14	18.50	14	22.00	14	18.50		
16	18.20	24.00								

Sizes below 4 inches, not extended, take 4 inch price.  
 Half Inches not specified, take next higher full inch price.  
 Dead Smooth, double the price of Bastard Cut.  
 One Round Edge, advance 12 1/2 per cent.

Cancel List of Horse Tooth Rasps on next page.

LIST PER DOZEN No. 1, Horse Tooth Rasps.....	Length 20 inches.	Polished.	\$21.50
" " " 2, " " " Jointed.....	" 22 "	" "	30.50
" " " 3, " " " Adjustable.....	" 20 "	" "	26.50
" " " 4, " " " Adjustable Jointed.....	" 29 "	" "	34.50
No. 7. Floats for Adjustable Horse Tooth Rasps.....			5.00

PASTE THIS OVER PAGE 425 OF OUR CATALOGUE.

16  
17.00

15  
15.00

14  
12.70

13  
10.70

12  
\$9.00

ALL ABOVE HALF DOZEN IN A BOX.



Inch

4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16

Sizes by  
Half In  
Dend St  
One Row  
All leng

Or

Inch

4  
5  
6  
7  
8  
9  
10  
11  
12

H

Inch

12  
13  
14  
15  
16

Sizes by  
Half In  
Dend St  
One Row  
All leng

FILES.

LIST ADOPTED BY U.S. AND CANADIAN MANUFACTURERS NOV. 1st, 1899.

Mill and Round				Flat			Square				Hand and Pillar			Half-round and 3-sq			
Inch	Bast'd	2d Cut	Smooth	Bast'd	2d Cut	Smooth	Inch	Bast'd	2d Cut	Smooth	Bast'd	2d Cut	Smooth	Inch	Bast'd	2d Cut	Smooth
4	3 00	3 50	3 80	3 70	4 30	4 70	4	3 80	4 00	4 90	3 70	4 30	4 80	4	4 80	5 00	0 10
5	3 20	3 80	4 10	3 90	4 60	4 90	5	4 10	4 80	5 80	3 90	4 70	5 30	5	5 40	6 10	0 40
6	3 50	4 00	4 50	4 30	4 80	5 30	6	4 60	5 10	5 50	4 30	5 10	5 00	6	6 10	6 70	7 10
7	3 90	4 60	4 90	4 80	5 50	6 10	7	5 10	5 80	6 30	4 40	5 80	6 30	7	7 00	7 70	8 20
8	4 30	4 90	5 40	5 30	6 10	6 60	8	5 50	6 30	7 00	5 40	6 30	6 70	8	8 50	8 30	8 90
9	4 90	5 20	6 00	6 30	7 20	7 90	9	6 00	7 00	8 30	6 70	7 80	8 30	9	9 10	10 10	10 70
10	5 60	6 40	7 00	7 00	8 10	8 70	10	7 40	8 50	9 10	7 50	8 70	9 40	10	10 10	11 80	12 70
11	6 70	7 80	8 50	8 60	9 80	10 70	11	9 10	10 40	11 30	9 40	10 90	11 80	11	11 80	13 50	14 90
12	7 50	8 60	9 40	9 70	11 00	12 10	12	10 20	11 50	12 80	10 70	12 30	13 50	12	12 50	14 50	15 90
13	8 40	10 70	11 70	11 80	13 00	14 70	13	12 50	14 30	15 40	13 30	15 20	16 20	13	14 10	15 40	16 60
14	10 70	12 30	13 10	13 30	15 30	16 70	14	15 90	16 10	17 50	15 00	17 00	18 20	14	15 50	17 00	18 30
15	12 10	15 00	16 10	16 00	18 30	20 00	15	16 90	19 20	20 90	17 90	20 60	21 70	15	18 50	20 40	21 70
16	14 70	16 80	17 90	17 80	20 10	22 80	16	18 70	21 20	22 80	20 10	22 80	24 20	16	20 00	22 50	24 20

Mill Bast, Del. Cut, adv. 2 in.      Bast (Blunt) Del. Cut, advance 2 in.      Square Blunt, advance 1 in.      Blotting (Bl.) adv. 2 in.      Cutter Blunt or Taper advance 2 in.      Glinesw, take Bastard price      Grooving, adv. 2 in.      Tumbler, " "      Feather Edge (Blunt), " "      High Back, " "      Half Round, " "

MILL One Round Edge				MILL 2 Round Edges			TAPERS			SLIM TAPERS		BANDSAW Blunt & Taper		Pit Saw		WARDING		
Inch	Bast'd	2d Cut	Smooth	Bast'd	2d Cut	Smooth	Inch	Single Cut	Double Cut	Single Cut	Double Cut	Reg'lar	Slim	Inch	Single Cut	Bast'd	2d Cut	Smooth
4	3 40	3 90	4 40	3 80	4 40	4 90	3	2 10	2 50	2 10	2 50	2 50	2 50	4	4 50	4 00	4 80	5 40
5	3 60	4 30	4 00	4 00	4 80	5 10	3 1	2 10	2 50	2 10	2 50	2 50	2 50	5	5 40	4 50	5 30	5 80
6	3 90	4 50	5 10	4 40	5 00	6 00	4	2 20	3 00	2 20	3 00	2 90	2 60	6	6 10	4 90	5 90	6 40
7	4 40	5 20	5 60	4 90	5 80	6 80	4 1/2	2 40	3 10	2 30	3 00	3 10	3 00	7	6 10	5 90	6 90	7 50
8	4 80	5 60	6 10	5 40	6 10	6 80	5	2 60	3 50	2 50	3 20	3 50	3 20	8	7 50	6 40	7 50	8 20
9	5 50	6 50	7 10	6 10	7 30	7 90	6	3 40	4 70	3 10	3 90	4 70	3 90	9	8 90	7 50	8 90	9 50
10	6 30	7 20	7 90	7 00	8 00	8 80	7	4 30	5 60	3 80	4 50	5 90	4 50	10	9 50	8 50	9 50	10 50
11	7 50	8 80	9 60	8 40	9 80	10 60	8	5 40	6 70	4 50	5 30	6 70	5 30	11	10 50	9 50	10 50	11 50
12	8 40	9 70	10 00	9 40	10 80	11 80	9	6 60	8 10	5 40	6 30	8 10	6 30	12	11 50	10 50	11 50	12 50
							10	8 10	9 70	6 40	7 50	9 70	7 50					

Horse Rasps			Wood Files		1/4 Round Cabinet Rasps		1/2 Round Wood Rasps		Shoe Rasps		Double ender		Plawer Knife	
Inch	Plain	Tanged	Inch	1/2 Round	Inch	1/2 Round	Inch	1/2 Round	Inch	1/2 Round	Inch	Taper	Inch	
12	12 80	10 80	6	7 50	8	12 80	8	12 80	8	10 10	7	3 50	8	6 40
13	15 20	10 60	10	9 10	10	17 50	10	18 70	9	12 20	8	3 90	10	8 00
14	17 80	23 10	12	11 80	12	22 80	12	18 70			9	4 40	12	12 10
15	20 90	27 90	14	15 50	14	29 00	14	24 90			10	4 90		
16	24 40	32 20												

Sizes below 4 inches, not extended, take 4 inch price.  
 Half inches not specified, take next higher full inch price.  
 Dead Smooth, double the price of Bastard Cut.  
 One Round Edge, advance 12 1/2 per cent.  
 All lengths above those listed, advance 20% on next lower in price.

Blunt Files not specified, advance one inch on respective kinds and cuts.  
 Single or Flat Cut not specified, on reg. shapes take Double Cut price.  
 Equalings (Beveled) advance two inches on respective kinds and cuts.  
 Two Round Edges, advance 25 per cent.  
 Files varying from standard sizes, subject to special prices.

Cuts not specified, made upon regular blanks, advance one inch on respective kinds and nearest cut.

No. 1, Heller's Plain Horse Tooth Rasps, length 21 inches.	Per dozen, \$39.00
" 2, " " Jointed Horse Tooth Rasps, length 23 inches.	" " 41.00
" 3, " " Adjustable " " " " " " " "	" " 36.00
" 4, " " Jolotal " " " " " " " "	" " 34.50
Heller's Floats,	7.00

One-twelfth dozen in a box.

Please insert over page 425a in our Catalogue.

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FILES.

List Adopted by U. S. Manufacturers, December 1, 1885.

Mill and Round.				Flat and Square.				Hand, Warding and Pillar.				Half Round and Three Square.			
Inch.	Bastard.	24 Cut.	Smooth.	Inch.	Bastard.	24 Cut.	Smooth.	Inch.	Bastard.	24 Cut.	Smooth.	Inch.	Bastard.	24 Cut.	Smooth.
4	\$ 1.80	\$ 2.15	\$ 2.40	4	\$ 2.00	\$ 2.40	\$ 2.65	4	\$ 2.25	\$ 2.70	\$ 3.00	4	\$ 2.50	\$ 3.00	\$ 3.30
5	2.00	2.40	2.65	5	2.20	2.60	2.90	5	2.50	3.00	3.30	5	2.80	3.35	3.70
6	2.25	2.65	2.95	6	2.50	2.95	3.25	6	2.80	3.30	3.65	6	3.20	3.80	4.15
7	2.55	3.00	3.30	7	2.90	3.40	3.75	7	3.20	3.75	4.15	7	3.70	4.35	4.80
8	2.90	3.40	3.70	8	3.40	4.00	4.35	8	3.70	4.35	4.75	8	4.30	5.00	5.50
9	3.30	3.85	4.20	9	4.00	4.70	5.10	9	4.35	5.10	5.55	9	5.00	5.85	6.40
10	3.80	4.40	4.80	10	4.70	5.45	5.90	10	5.20	6.00	6.55	10	5.80	6.75	7.30
11	4.50	5.20	5.65	11	5.60	6.50	7.05	11	6.30	7.30	7.95	11	6.70	7.75	8.45
12	5.40	6.20	6.75	12	6.70	7.70	8.40	12	7.50	8.60	9.40	12	7.80	9.00	9.75
13	6.50	7.45	8.05	13	8.00	9.15	10.00	13	8.90	10.20	11.00	13	9.10	10.40	11.25
14	7.80	8.90	9.65	14	9.50	10.90	11.80	14	10.50	12.00	13.00	14	10.60	12.10	13.10
15	9.30	10.60	11.45	15	11.20	12.75	13.75	15	12.30	14.00	15.10	15	12.40	14.15	15.25
16	11.00	12.50	13.40	16	13.10	14.85	16.00	16	14.30	16.20	17.50	16	14.50	16.50	17.70
17	12.90	14.60	15.60	17	15.25	17.25	18.45	17	16.60	18.75	20.10	17	16.90	19.10	20.50
18	15.10	16.90	18.10	18	17.65	19.75	21.20	18	19.20	21.50	23.00	18	19.60	22.00	23.50
19	17.60	19.70	21.10	19	20.30	22.75	24.35	19	22.10	24.75	26.50	19	22.60	25.30	27.10
20	20.40	22.85	24.50	20	23.20	26.00	27.85	20	25.30	28.35	30.35	20	26.00	29.10	31.20

**EXTRAS.**  
 Mill Double Cut, and Mill Narrow Points, advance 1 Inch.  
 Cross Cut Saw (Blunt), advance 2 Inches.  
 Cant Blunt (Double Cut), advance 2 In.  
 Gainsaw (Single Cut), take Bastard Price.  
 Slotting (Blunt), advance 2 Inches.  
 Knife, advance 1 Inch.  
 High Back Hr. Round (Blunt), Cross (Blunt), and Feather Edge (Blunt), advance 2 In.

Taper, Pitsaw and Hook Tooth Files.

INCHES.	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12	13	14
Tapers, Single Cut.....	\$1.10	\$1.10	\$1.20	\$1.40	\$1.70	\$2.00	\$2.40	\$3.00	\$3.80	\$4.60	\$5.70	\$7.20	\$9.00	\$11.00	\$13.20
Tapers, Double Cut.....	1.60	1.60	1.75	2.00	2.40	2.75	3.25	4.00	4.95	5.90	7.10	8.80	10.80	12.90	15.20
Slim Tapers, Single Cut...	1.20	1.20	1.30	1.45	1.70	1.90	2.10	2.50	3.00	3.70	4.50	5.50	6.80	8.30	10.00
Slim Tapers, Double Cut...	1.80	1.80	1.90	2.10	2.40	2.60	2.85	3.30	3.90	4.70	5.60	6.75	8.20	9.75	11.50
Double Ender Tapers.....	2.10	2.10	2.20	2.30	2.50	2.80	3.20	3.70	4.30	5.00	5.80	6.70	8.20	9.75	11.50
Pitsaw, Blunt, Single Cut...	2.10	2.10	2.20	2.30	2.50	2.80	3.20	3.70	4.30	5.00	5.80	6.70	8.20	9.75	11.50
Hooktooth, Blunt, Single Cut.....	2.10	2.10	2.20	2.30	2.50	2.80	3.20	3.70	4.30	5.00	5.80	6.70	8.20	9.75	11.50

Bandsaw, Heavy, Blunt, take Taper Double Cut Prices.  
 Bandsaw, Light, Blunt, take Slim Taper Double Cut Prices. } Taper points same price.  
 Cantsaw, Blunt, Single Cut. }  
 Round Gulleting, Blunt Single Cut. } Take Pitsaw Price.  
 Round Off, Blunt, Single Cut, Take Hooktooth Price.  
 Tapers, pointed at both ends (without handles), double the price of Slim Tapers of half their length.

Rasps, Cabinet and Wood Files.

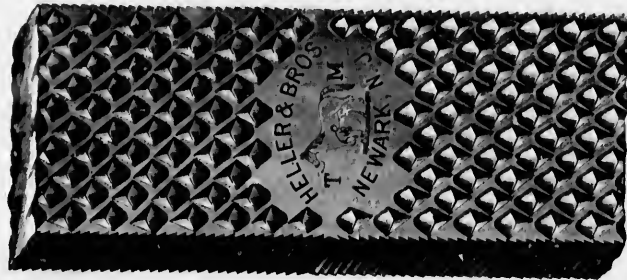
INCHES.	6	7	8	9	10	11	12	13	14	15	16	17	18	
Horse Rasps, { Plain.....						6.50	7.50	9.00	10.70	12.70	15.00	17.60	20.50	23.70
{ Beveled and 3-4 Rasp.....						7.20	8.30	10.00	11.80	14.00	16.50	19.40	22.50	26.00
{ Tanged.....						9.00	10.25	12.00	14.00	16.50	19.50	23.00		
Wood Rasps, Half Round and Flat.....	\$4.20	5.00	6.10	7.30	8.75	10.40	12.30	14.50	16.90	19.60	22.50			
Cabinet, { Rasps.....	6.00	7.00	8.20	9.60	11.20	13.00	15.00	17.20	19.60	22.20				
{ Files.....	4.20	5.00	6.10	7.30	8.75	10.40	12.30	14.50	16.90	19.60	22.50			
Shoe Rasps, { Half Round and Flat....	4.60	5.30	6.10	7.00	8.00	9.10	10.30	11.60	13.00					
{ Oval.....	5.30	6.10	7.00	8.00	9.10	10.30	11.60							

File Rasps, Flat and Half Round, take Flat and Half Round Wood Rasp price.  
 Wood Files, Flat and Half Round, take Flat and Half Round Bastard price.  
 Last Makers' Rasps, 1 Inch advance on Cabinet Rasp price

EXTRAS (GENERAL).

**One Round Edge**, Advance 7% per cent, and Two Round Edges, 15 per cent on respective Kinds and Cuts.  
**Blunt Files**, not specified, advance 1 Inch on respective Kinds and Cuts. Dead Smooth, double the price of Bastard.  
**Equalings** (Bellied), advance 2 Inches on respective Kinds and Cuts.  
**Sizes Below 4 inches**, not extended, take 4 Inch price; 1-2 Inches not specified, take next higher full Inch price.  
**Rough, Coarse, Union Cut, Brass or other than Regular Cuts** (not specified), made upon Regular or Standard shaped Blanks, advance 1 Inch on Respective Kinds and Cuts.  
**Single, or Float Cut** (not specified), on Regular Shapes, take Double Cut Prices.  
**Irregular Goods**.—All lengths above those listed, and Files varying from Standard sizes, to be classed as Irregular, and subject to special prices.

HELLER'S HORSE RASPS

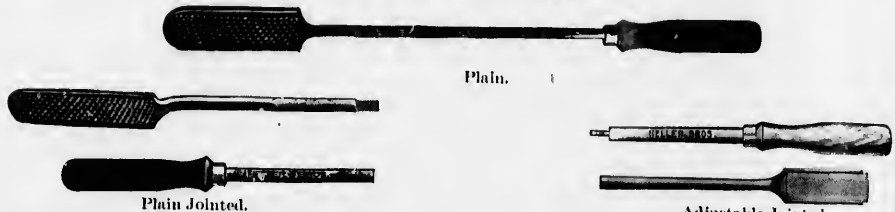


Exact width, thickness and appearance of centre section of 16 inch Horse Rasp.

Inch.....			
Per dozen.....		14	15
Heller's Tanged Horse Rasps, 14 inch.....	\$12.70		17.00
			Per dozen \$16.50

Half dozen in a box.

Heller's Horse Tooth Rasps



Heller's Plain, Horse Tooth Rasps, length 21 inches.....	Per dozen	\$20.00
Heller's Plain Jointed, Horse Tooth Rasps, length 23 inches.....	Per dozen	30.00
Heller's Adjustable, Horse Tooth Rasps, length 20 inches.....	Per dozen	25.00
Heller's Adjustable Jointed, Horse Tooth Rasps, length 21 inches.....	Per dozen	33.00

One-twelfth dozen in a box,

Jowitt's File List

INCHES.	4	5	6	7	8	9	10	11	12	13	14	15	16	18
Flat, Half-Round, Round, Square, and Mill-saw Bastard	\$1.15	1.40	1.70	2.10	2.50	3.10	3.60	4.30	5.20	6.00	7.20	8.70	10.30	14.50
Mill-saw, Second-cut, and Half-round, Second Cut.....	1.35	1.60	2.00	2.40	2.90	3.25	4.10	4.80	5.75	6.50	8.00	10.30	12.00	
Hand Bastard.....	1.25	1.50	2.10	2.50	2.90	3.60	4.30	5.20	6.00	7.20	8.70	10.30	12.00	
Hand Smooth.....	1.80	2.15	2.75	3.25	3.70	4.60	5.50	6.40	7.20	8.70	10.10	12.50	15.00	
Flat and Half-round Smooth Files.....														
Cabinet Files and Rasps.....	1.60	2.00	2.30	2.80	3.25	3.70	4.60	5.50	6.40	7.20	8.70	10.10	12.50	
Flat and Half-round Wood Rasps.....														
Horse Rasps.....				2.10	2.50	3.10	3.60	4.30	5.20	6.00	7.20	8.70	10.30	
Improved Bevelled-edge Horse Rasps.....				2.30	2.70	3.25	4.00	.....	5.50	6.50	8.00	9.50	11.20	
Tanged Horse Rasps.....				2.10	2.50	3.10	3.60	4.30	5.20	6.00	7.20	8.70	10.30	12.00
Half-round Shoe Rasps.....			2.10	2.50	3.10	3.60	4.30	5.20	6.00	7.20	8.70	10.30	12.00	
INCHES.	3	3 1-2	4	4 1-2	5	5 1-2	6	7	8	9	10	11	12	
Three-square Taper Files.....	\$0.95	0.95	1.10	1.20	1.30	1.40	1.60	2.80	2.90	3.70	4.70	5.70	7.00	
Three-square Blunts.....	1.20	1.20	1.30	1.60	1.80	2.10	2.30	.....	.....	.....	.....	.....	.....	
Pit or Frame Saw Files.....				1.40	1.60	1.80	2.00	2.50	3.25	3.90	4.80	6.00	7.20	

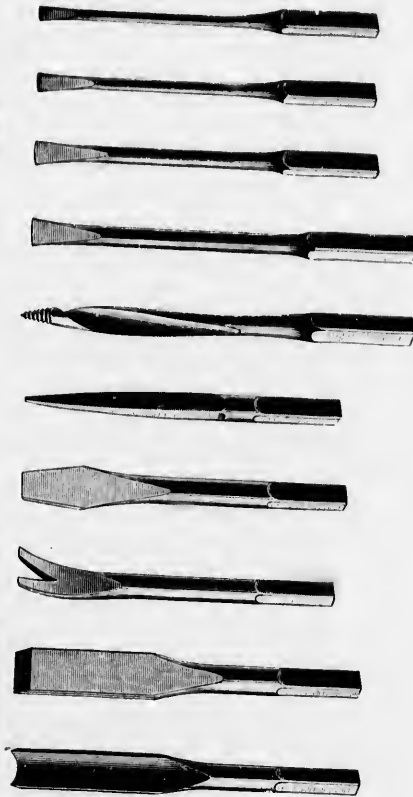
Round and Square Parallel Files, to advance one inch on their respective descriptions. Equalling, and Parallel Cotter Files, Bastard, to advance one inch on Flat Bastard prices. Shoe Kit Files, \$1.25 per set.

No. 60 - App  
No. 61 - Coc

AWLS AND TOOLS

NO WRENCH REQUIRED.

Full size cuts.



Superior Thumb Nut and Gripe, Nickel Plated.

- No. 60 - Applewood handle, 10 tools, as per cut except Reamer ..... Per dozen \$8.25  
 No. 61 - Cocobolo handle, 10 tools, as per cut except Reamer ..... Per dozen 11.00

All tools contained in the handle.

Half dozen in a box.

asp.  
**15** 16  
 5.00 17 60  
 ..... Per dozen 816.50

able Jointed.  
 ..... Per dozen 830.00  
 ..... Per dozen 30.00  
 ..... Per dozen 25.00  
 ..... Per dozen 33.00

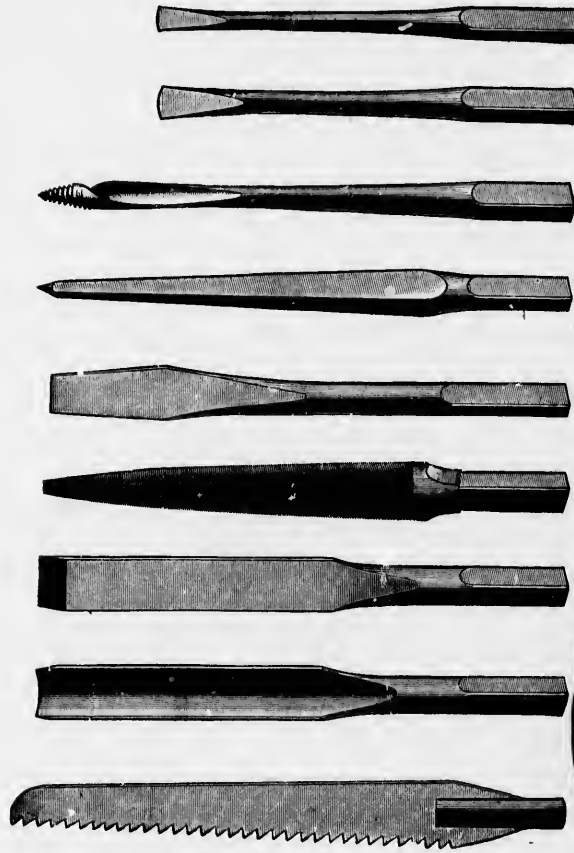
14	15	16	18
20	8.70	10.30	14.50
00			
70	10.30	12.00	
10	12.50	15.00	
70	10.10	12.50	
20	8.70	10.30	
00	9.50	11.20	
70	10.30	12.00	
0	11	12	
70	5.70	7.00	
80	6.00	7.20	

qualling, and Parallel

**EXTRA LARGE AWLS AND TOOLS.**

**No Wrench Required.**

**FULL SIZE CUTS.**



**Superior Thumb Nut and Grips, Nickel Plated.**

**No. 72.** Cocobolo Handle, 9 Large Cast Steel Tools, Extra Fine Finish, all contained in the Handle.....Per Dozen, \$22. 00

**HALF DOZEN IN A BOX.**

No. 5—  
No. 4—

No. 800  
No. 631

Inch. ....  
Per dozen

Inch. ....  
Per dozen

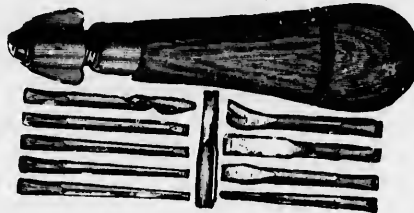
Inch. ....  
Per dozen

Inch. ....  
Per dozen

Inch. ....  
Per dozen

Inch. ....  
Per dozen

AWLS AND TOOLS



No. 5—Buell's applewood handle, 10 tools ..... Per dozen \$8.25  
 No. 4—Buell's cocobolo handle, 10 tools ..... Per dozen 12.00  
 Half dozen in a box.

Pricker Pads

No. 800—Henry's Beechwood Pricker Pads, 8 tools ..... Per dozen \$3.00  
 No. 631—Henry's Boxwood Pricker Pads, 8 tools ..... Per dozen 4.00  
 One dozen in a box.

Turnscrews



FRENCH'S.

French's Beech Handle, Capped Ferrule, Round Blade

Inch.....	2	3	4	5	6	7	8	10
Per dozen.....	\$0.90	1.20	1.50	1.80	2.20	2.40	3.00	3.75

No. 3218—Black Handle, Capped Ferrule, Round Blade

Inch.....	4	4 1/2	5	6	7	8
Per dozen.....	\$1.05	1.80	1.95	2.25	2.75	3.25

No. 60—Black Handle, Capped Ferrule, Round Blade

Inch.....	3	4	5	6	7	8
Per dozen.....	\$1.95	2.35	2.70	3.25	3.75	4.25

No. 1—Standard Round Stained Handle, Capped Ferrule, Round Blade

Inch.....	3	4	5	6	7	8
Per dozen.....	\$1.25	1.40	1.50	1.75	1.90	2.50

Half dozen in a box.



HENRY'S.

Henry's Beechwood Varnished Handles

Inch.....	4	5	6	7	8	10
Per dozen.....	\$2.05	2.25	2.75	3.50	4.00	5.50

No. 1—Plain Beechwood Handle, Capped Ferrule

Inch.....	4	5	6	7	8	10
Per dozen.....	\$1.50	1.80	2.10	2.40	3.00	4.50

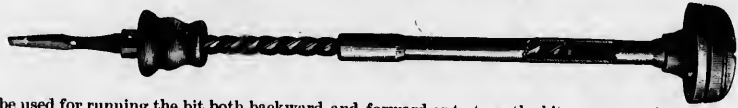
Half dozen in a box.



\$22.00



REID'S "LIGHTNING" BRACES



Can be used for running the bit both backward and forward or to turn the bit one way only. It is equally good for drilling wood or metal or for driving screws.

- No. 1—With one screw driver bit ..... Each \$3.00
- No. 2—With two screw driver bits and one boring bit, smaller brace..... Each 2.40

Extra springs, \$0.15 each.

One (only) in a box.

Eureka Spiral Screw Drivers



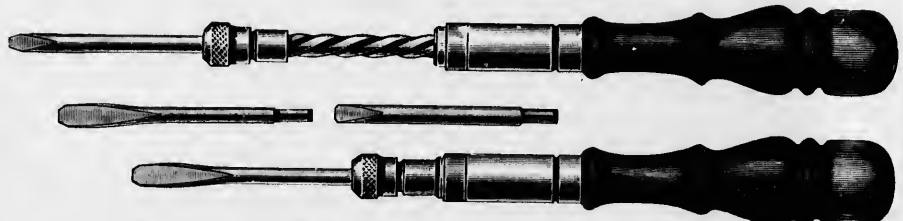
Made in 2 sizes. Nos. 1 and 2.

This is a Spiral or Automatic Screw Driver in which the bit is not removable. It is made in two sizes with best cast steel blade. The tube is of seamless brass and the tool is first-class in every respect.

- No. 1—14 inches long when open, 9 inches when closed .....Per dozen \$15.00
- No. 2—19 inches long when open, 12 inches when closed .....Per dozen 18.50

Half dozen in a box.

Howard Allard Screw Drivers



This is a Spiral, Ratchet and Plain Screw Driver all in one, with interchangeable screw driver bits of different sizes. A well made tool highly finished.

- No. A1—Large size, with three forged steel bits.....Per dozen \$23.50

One-twelfth dozen in a box.

Jones' Patent Reversible Screw Driver



- With three forged steel bits.....Per dozen \$34.25

DIRECTIONS:

- 1st. Press the Spiral back in handle to furthest limit.
- 2nd. To adjust for driving screws, press the brass ring *hard* towards the forward end of handle, which will depress the forward end of shippers and place the driver in position for driving screws, and when in this position it may be used as a common driver to *draw* screws.
- 3rd. To adjust for drawing screws, press the brass ring *hard* towards wood handle, which will depress the rear end of shippers and place the driver in position for drawing screws, when in this position it may be used as a common driver to drive screws.

*N.B.*—Do not attempt to change position of adjusting ring without first pressing spiral back into handle to furthest limit.

**CAST STEEL NAIL SETS.**



No. 1. Round Steel, Polished, Assorted Sizes.....Per Gross, \$8.25



No. 2. Square Steel, Polished, Assorted Sizes.....Per Gross, \$8.25



No. 5. Octagon Steel, Half Polished, Assorted Sizes .....Per Gross, 9.00  
QUARTER GROSS IN A BOX.

**Cannon's Diamond Point Nail Set.**



**Made from Best Tool Steel.**

The Diamond Point prevents slipping from head of the nail. The point is turned, thoroughly tempered and will not break .....Per Dozen, .....  
HALF DOZEN IN A BOX, ASSORTED SIZES

**Handled Scratch Awls.**



No. 1. Cast Steel, Beech Handle, Brass Ferrule, Assorted, Regular .....Per Gross, \$7.20  
No. 2. Cast Steel, Beech Handle, Brass Ferrule, Assorted, Large.....Per Gross, 8.50



No. 825—Cast Steel, Beech Handle, Medium Size.....Per Dozen \$1.65

**Socket Scratch Awls.**



No. 81B—Forged Cast Steel, Polished Beech Handle .....Per Dozen \$2.25  
ONE DOZEN IN A BOX.

**SHOULDERED BRAD AWLS**



Briggs' Shouldered Brad Awls, assorted ..... Per gross \$2.50  
 German Shouldered Brad Awls, assorted ..... Per gross 1.35

**Shouldered Pegging Awls**



Briggs' Shouldered Pegging Awls, assorted ..... Per gross \$3.25

**Patent Pegging Awls**



No. 41—Patent Pegging Awls, assorted ..... Per gross \$0.75  
 German Patent Pegging Awls, assorted ..... Per gross .55

**Shoemakers' Tanged Sewing Awls**



Briggs' Shoemakers' Tanged Sewing Awls, assorted ..... Per gross \$2.40  
 No. 204—Shoemakers' Tanged Sewing Awls ..... Per gross 1.00

**Shoemakers' Patent Sewing Awls**



No. 51—Shoemakers' Patent Sewing Awls, assorted ..... Per gross \$2.50

**Saddlers' or Harness Awls, Tanged**



Briggs' Saddlers' or Harness Awls, Tanged, assorted ..... Per gross \$2.55  
 No. 208—Saddlers' or Harness Awls, Tanged, assorted, diamond ..... Per gross .75  
 No. 212—Saddlers' or Harness Awls, Tanged, assorted, round ..... Per gross .75

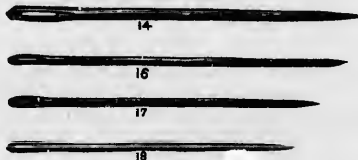
One gross in a box or package.

**Double Pointed Upholsterers' Needles**



Inches ..... 10 to 18  
 Per gross ..... \$21.00

**Darning Needles**



Nos. .... 14 15 16 17  
 Per thousand ..... \$6.00 4.50 3.50 3.00

Twenty-five in a paper.

GLOVERS' NEEDLES



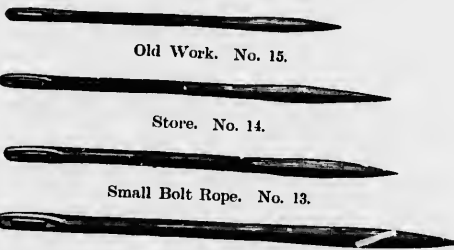
Nos. 0. 1. 2. 3. 4—All numbers ..... Per 1000 \$5.25

Harness Needles



Nos. 1. 2. 3. 4—All numbers ..... Per 1000 \$4.50

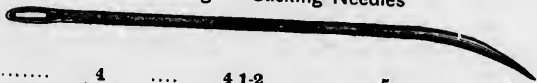
Sail Needles



Nos .....  
 Per 100 ..... **15** ..... **14** ..... **13** ..... **12**  
 \$1.65 ..... 1.80 ..... 2.10 ..... 2.75

All above twenty-five in a paper.

Packing or Sacking Needles



Inches .....  
 Per gross ..... **4** ..... **4 1-2** ..... **5** ..... **5 1-2** ..... **6**  
 \$0.25 ..... .28 ..... .30 ..... .40 ..... .45

Twenty-five in a package.

Spring Eye Packing Needles ..... Per dozen \$1.50

Steel Knitting Needles



Nos .....  
 Per gross ..... **12** ..... **13** ..... **14** ..... **15** ..... **16**  
 \$0.90 ..... .85 ..... .75 ..... .70 ..... .70

Quarter gross in a package.

..... Per gross \$2.50  
 ..... Per gross 1.35

..... Per gross \$3.25

..... Per gross \$0.75  
 ..... Per gross .55

..... Per gross \$2.40  
 ..... Per gross 1.00

..... Per gross \$2.50

..... Per gross \$2.35  
 ..... Per gross .75  
 ..... Per gross .75

..... **10** to **16**  
 ..... \$21.00

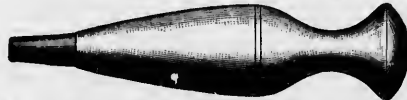
**15** ..... **16** ..... **17**  
 4.50 ..... 3.50 ..... 3.00

**PEGGING AWL HAFTS.**



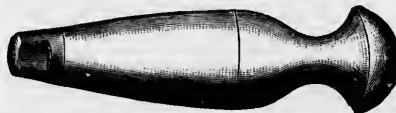
- No. 49. Pat. Hickory, Plain Top, Steel Screw and Nut, with Wrench ..... Per Dozen, \$0.90
- No. 51. Pat. Hickory, Leather Top, Steel Screw and Nut, with Wrench.....Per Dozen, 1.00

**Common Sewing Awl Hafts.**



- No. 21 Beech, with Brass Ferrule, Assorted Sizes.....Per Dozen, \$0.40

**Patent Sewing Awl Hafts.**



- No. 46. Appletree Wood, Steel Screw and Nut, with Wrench.....Per Dozen, \$1.00

**Brad Awl Handles.**

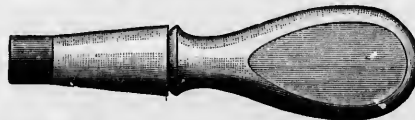


- No. 30. Brass Ferrules, Assorted Sizes.....Per Dozen, \$0.40

**Handled Brad Awls**

- Marples' Beech, 840 Round, Assorted ..... Per Gross, \$9.00
- Marples' Beech, 811 Oval, Assorted ..... Per Gross, 9.75

**Screw Driver Handles.**



- No. 650. Brass Ferrules, Assorted, Large ..... Per Dozen, \$1.00

**Marples' Varnished Beechwood**

Inch .....	5	6	7	8	10	12
Per Dozen .....	\$1.65	1.80	2.25	2.55	3.15	3.45

Nos. 30 AND 21 QUARTER GROSS IN A BOX ; OTHERS, ONE DOZEN.

No. 31-A  
No. 33-A  
No. 35-A  
No. 37-12

No. 43-A  
No. 45-A

No. 51-Ass  
No. 53-Ass

No. 63-Ass

No. 73-Ass

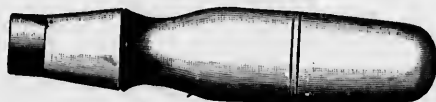
No. 21-File 1  
No. 50-File 1



No. 8.

No. ....  
Diameter, insid  
Per gross.....

CHISEL HANDLES

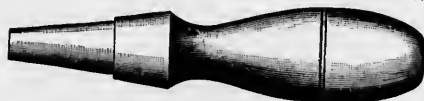


Tanged Firmer Chisel Handles

No. 31—Assorted, 6 sizes.....	Per gross	\$5.00
No. 33—Assorted, 4 large sizes.....	Per gross	5.75
No. 35—Assorted, 2 large sizes.....	Per gross	6.50
No. 37—Extra large.....	Per gross	8.25

APPLEWOOD.

No. 43—Assorted, 4 large sizes.....	Per gross	6.50
No. 45—Assorted, 2 large sizes.....	Per gross	7.25



Socket Firmer Chisel Handles

HICKORY.

No. 51—Assorted, 6 sizes.....	Per gross	\$4.00
No. 53—Assorted, 4 sizes.....	Per gross	4.50

APPLEWOOD

No. 63—Assorted, 4 sizes.....	Per gross	5.75
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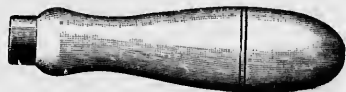


Hickory Socket Framing Chisel Handles

No. 73—Assorted, 4 sizes.....	Per gross	\$6.75
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All Chisel Handles one dozen in a box.

File Handles



No. 21—File Handles with brass ferrules, assorted, 4 sizes.....	Per gross	\$3.00
No. 50—File Handles, brass ferrules, extra large.....	Per gross	4.50

Brass Ferrules



Nos.....	00	0	1	2	3	4	5	6	7	8	9
Diameter, inside, inch.....	1	15-16	7-8	13-16	3-4	11-16	5-8	9-16	1-2	7-16	3-8
Per gross.....	\$1.50	1.30	1.10	.88	.75	.70	.65	.55	45	45	45

One gross in a box.

**SOLDERING COPPER HANDLES**



No. 670—Made from soft wood, well wired.....Per gross \$4.00

One-quarter gross in a box.

**Auger Handles**



Assorted Auger Handles.....Per dozen \$0.70

**Saw and Plane Handles**



**Saw Handles.**

No. 2—Plain beech.....Per dozen \$1.30  
 No. 3—Polished and varnished.....Per dozen 1.50  
 No. 18—Polished and varnished, for panel saws.....Per dozen 1.90

One dozen in a package.



**Plane Handles.**

No. 10—Jack Plane Handles.....Per dozen \$0.45  
 No. 12—Jointer Plane Handles.....Per dozen .65

One dozen in a package.

Jack Plane Handle, No. 10.

Jointer Plane Handle, No. 12.



No. 3—R  
 No. 6—R  
 No. 7—R  
 No. 10—S  
 No. 12—S  
 No. 13—S

No. 4—Rou



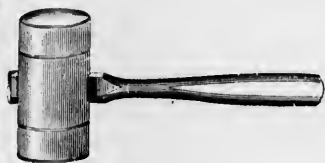
No. 15—Iron  
 No. 16—Iron



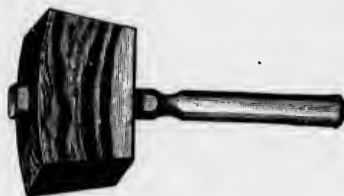
No. 14 1-2-11

7 1-2 to 7 3-4 po  
 8 pounds each.

WOOD MALLETS



Nos. 3 to 7.  
Round Mallets.



Nos. 10 to 13.  
Square Mallets.

- No. 3—Round hickory, size of head 6 x 4 inches .....
- No. 6—Round lignumvita, size of head 5 1-2 x 3 1-2 inches .....
- No. 7—Round lignumvita, size of head 6 x 4 inches .....
- No. 10—Square hickory, size of head 7 x 3 x 4 inches .....
- No. 12—Square lignumvita, size of head 6 1-2 x 2 3-4 x 3 3-4 inches .....
- No. 13—Square lignumvita, size of head 7 x 3 x 4 inches .....

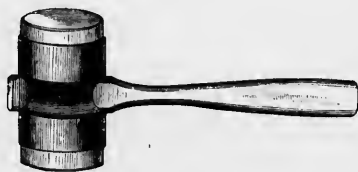
Round Tinnets' Mallets

- No. 4—Round hickory, size of head 5 1-2 inches long, assorted, 2 1-4 and 2 1-2 inches .....

Iron Bound Mallets



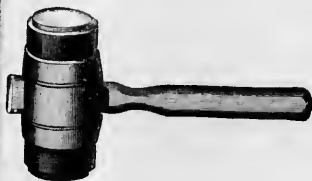
No. 15.



No. 16.

- No. 15—Iron, with hickory ends, 2 1-2 inches diameter .....
- No. 16—Heavy malleable socket, hickory ends, 3 inches diameter .....

Iron Ring Mallets



No. 14 1/2.

Stone Cutters' Mallets



- No. 14 1-2—Hickory, iron ring, size of head 5 1-2 x 3 1-2 inches .....

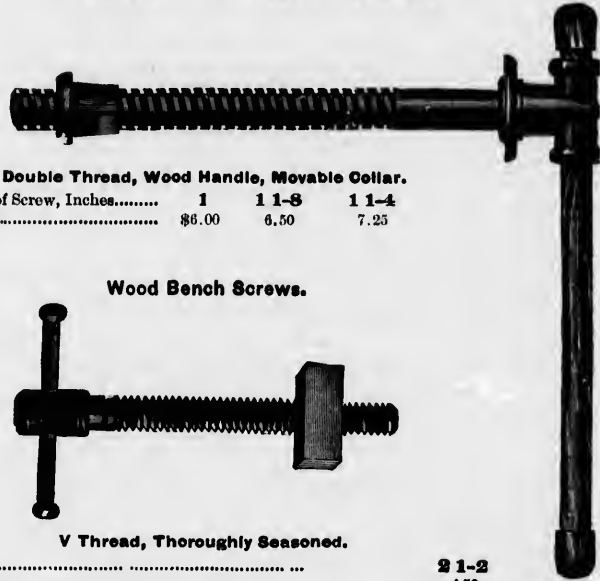
Stone Cutters' Mallets, Hickory

- 7 1-2 to 7 3-4 pounds each .....
- 8 pounds each .....

Per dozen \$30.00  
Per dozen 35.00



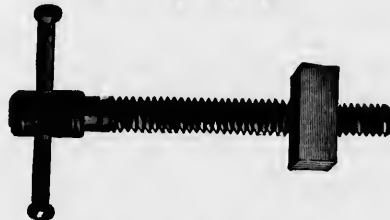
**WROUGHT IRON BENCH SCREWS.**



**Double Thread, Wood Handle, Movable Collar.**

Diameter of Screw, Inches.....	1	1 1-8	1 1-4
Per Dozen.....	\$6.00	6.50	7.25

**Wood Bench Screws.**



**V Thread, Thoroughly Seasoned.**

Inches.....	2 1-2
Per Dozen.....	4.50

**Locomotive Jack Screws.**



DIAMETER OF SCREW, INCHES.	HEIGHT OF STAND, INCHES.	HEIGHT OVER ALL, INCHES.	LIST PRICE EACH.
1 1-2	8	10	\$ 3.75
1 1-2	8	12	4.25
1 1-2	10	14	4.75
1 1-2	12	16	5.25
1 3-4	10	14	5.75
1 3-4	12	16	6.25
1 3-4	14	18	6.75
1 3-4	16	20	7.50
2	12	16 1-2	7.50
2	14	18 1-2	8.25
2	16	20 1-2	9.25
2	18	22 1-2	10.25
2	20	24 1-2	11.50
2 1-4	14	19	10.00
2 1-4	16	21	11.00
2 1-4	18	23	12.00
2 1-4	20	25	13.25
2 1-4	22	27	14.50
2 1-2	18	24	14.50
2 1-2	20	26	15.75
2 1-2	22	28	17.00
2 1-2	24	30	18.25

Inch . . . . .  
Per dozen

inch . . . . .  
Per dozen

No. 810-1

Inch . . . . .  
Per dozen . . . . .

Inch . . . . .  
Per dozen . . . . .

Inch . . . . .  
Per dozen . . . . .

TROWELS

London Pattern Brick



No. 2030. Brades' Extra Cast Steel

Inch .....	<b>10 1-2</b>	....	<b>11</b>	....	<b>11 1-2</b>	....	<b>12</b>	....	<b>12 1-2</b>	....	<b>13</b>
Per dozen .....	\$15.00	....	15.50	....	16.00	....	16.50	....	17.00	....	17.50

Disston's Extra Cast Steel

Inch .....		....	<b>11 1-2</b>	....	<b>12</b>	....	<b>13</b>
Per dozen .....		....	\$16.25	....	17.75	....	19.00

German Brick Trowels

No. 810—10 1-2 inch, cast steel ..... Per dozen \$4.75

Philadelphia Pattern Brick



Disston's Extra Cast Steel

Inch .....		....	<b>11 1-2</b>	....	<b>12</b>
Per dozen .....		....	\$18.00	....	19.00

Wm. Rose & Bros.' Extra Cast Steel

Inch .....		....	<b>11</b>	....	<b>11 1-2</b>	....	<b>12</b>
Per dozen .....		....	\$21.50	....	22.50	....	23.00

Masons' Trowels

Brades' Edinburgh Pattern Extra Cast Steel

Inch .....		....	<b>8</b>	....	<b>8 1-2</b>
Per dozen .....		....	\$12.00	....	12.75

Half dozen in a box or package.

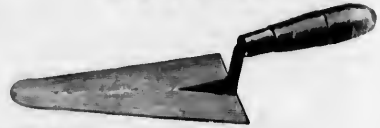
List Price  
Each.

- \$ 3.75
- 4.25
- 4.75
- 5.25
- 5.75
- 6.25
- 6.75
- 7.50
- 7.50
- 8.25
- 9.25
- 10.25
- 11.50
- 10.00
- 11.00
- 12.00
- 13.25
- 14.50
- 14.50
- 15.75
- 17.00
- 18.25

Pointing Trowels

TROWELS

Gauging Trowels



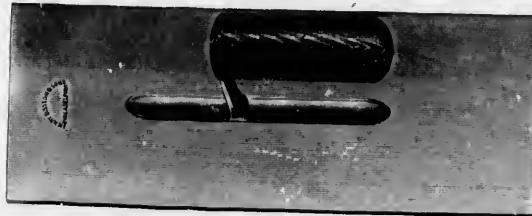
Pointing Trowels—Cast Steel

Inch.....	.....	.....	.....	.....	.....
No. 4156.....	.....	.....	.....	.....	.....
Inch.....	.....	.....	.....	.....	.....
American cast steel.....	.....	.....	.....	.....	.....

Gauging Trowels

Brade's, 7 inch, extra cast steel..... Per dozen \$11.25  
 Half dozen in a box or package.

Plastering Trowels



Shurly & Dietrich

No. 2—Cast Steel.

Inch.....	.....	.....	.....	.....	.....
Per dozen.....	.....	.....	.....	.....	.....

No. 1—Silver Steel.

Inch.....	.....	.....	.....	.....	.....
Per dozen.....	.....	.....	.....	.....	.....

One-quarter dozen in a box.

Disston's Cast Steel No. 2

Inch.....	.....	.....	.....	.....	.....
Per dozen.....	.....	.....	.....	.....	.....

Half dozen in a box.

Woodrough & McParlins' Extra Cast Steel

Inch.....	.....	.....	.....	.....	.....
Per dozen.....	.....	.....	.....	.....	.....

One-third dozen in a box.

Combined Wrench and Turnscrew\*

Combined Wrench and Turnscrew



Half size size

No. 1241—Nickel-plated, tempered steel..... Per dozen \$1.50

Will fit square or hexagon nuts, 1-4 to 3-4 inch.

One dozen on a card.

**WRENCHES.**

**Stillson's Patent Pipe Wrenches.**



**Steel Bar and Head.**

Inches.....	6	8	10	1 1/2	18	2 1/2
Capacity, Inches....			1-8 to 1	1-4 to 1 1-2	1-4 to 2	1-4 to 2 1-2
Each.....	\$2.00	2.00	2.25	3.00	4.00	6.00

**Coes' Pattern Wrought Iron Agricultural Wrenches.**



Inches.....	6	8	10	12	15
Will Open, Inches.....	7-8	1 1-4	1 3-4	2 1-3	2 3-3
Black, Per Dozen.....	\$9.25	9.50	4.25	4.75	8.00

HALF DOZEN IN A PACKAGE.

**Coes' Genuine Wrenches.**



**Knife Handle, Reinforced Bar.**

Inches.....	6	8	10	12	15	18	21
Will Open, Inches	7-8	1 1-4	1 3-4	2 1-8	2 5-8	3	4 1-3
Black, Per Dozen..	\$9.00	10.00	12.00	14.00	24.00	30.00	38.00

8 TO 12, HALF DOZEN IN A PACKAGE; OTHERS, ONE-THIRD DOZEN.



els  
..... 6  
50 ..... 1 00  
5 ..... 6  
1.50 ..... 5 00

..... Per dozen \$11 25

12 1 2 13  
15.00 15.60

2 ..... 12  
0 ..... 20.00

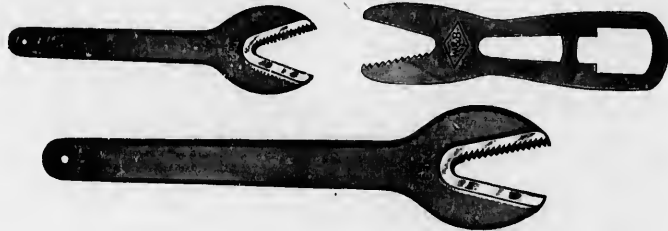
2 ..... 12  
..... 22.50

..... 12 1 2  
..... 21 00

..... Per dozen \$1.50

4 inch.

ALLIGATOR WRENCHES



Nos .....	<b>1</b>	.....	<b>2</b>	.....	<b>3</b>
Per dozen .....	\$2.75	.....	7.00	.....	15.00
Holds pipe, inch .....	1-8 to 3-8	.....	3-8 to 3-4	.....	1-2 to 1 1/4
Holds round iron, inch .....	1-4 to 3-4	.....	1-2 to 1	.....	3-4 to 1 3/8
Length, inch .....	5 3/4	.....	10	.....	16

Improved Adjustable "S" Wrench



No. 48.

Inch .....	<b>8</b>	.....	<b>10</b>	.....	<b>12</b>	.....	<b>14</b>
Per dozen .....	\$13.50	.....	18.00	.....	22.50	.....	32.00
Opens, inch .....	1	.....	1 3/8	.....	1 5/8	.....	2

Engineers' Wrenches

Combination. Wrought Bar. All Case Hardened.



Short Nut.

Short Nut. Black.

Inch .....	<b>10</b>	.....	<b>12</b>	.....	<b>15</b>
Holds pipe, inch..	1-4 to 1	.....	1-2 to 1 3/4	.....	1-2 to 2 1/4
Per dozen .....	\$25.50	.....	26.00	.....	34.00

Long Nut. Bright.

Inch .....	<b>12</b>	.....	<b>15</b>
Holds pipe, inch .....	1-2 to 1 3/4	.....	1-2 to 2 1/4
Per dozen .....	\$33.50	.....	48.00



Long Nut.

Inch .  
No. 21  
No. 22

No. 1-4  
5



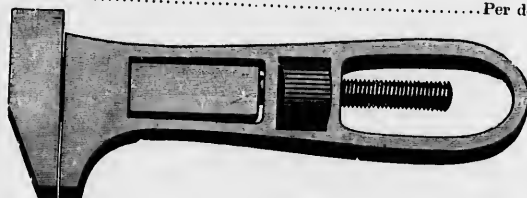
No. 1-  
No. 2-  
No. 2 1-2-  
No. 3-  
This A

POCKET WRENCHES



Nos. 21 and 22. Full size cut of 4 inch.

Inch .....				
No. 21—Bright .....		4	6	
No. 22—Nickel-plated .....	Per dozen	\$3.00	5.75	
	Per dozen	3.30	6.00	



Star Wrench

No. 1—4 inch, Star, Tinned, Pocket Wrenches .....	Per dozen	\$1.65
5 inch, Nickel-Plated Pocket Wrenches .....	Per dozen	3.75

The "Gem" Pocket Bicycle Wrench

Substantial and Reliable.



3 inch, Gem Pocket Wrench, nickel-plated .....	Per dozen	\$7.00
4 inch, Gem Pocket Wrench, nickel-plated .....	Per dozen	7.75

One dozen in a box.

Baxter's (Pattern) Wrenches

S Pattern.



Baxter's S Wrench.

Inch .....		4	6	8
Per dozen .....		\$5.25	7.50	10.00

Half dozen in a box.

"Always Ready" Wrenches



Nickel-Plated, Forged Steel, Oil Tempered.

No. 1—Holds 1-4 to 3-4 inch square or round iron .....	Per dozen	\$7.50
No. 2—Holds 1-4 to 1-1/4 inch square or round iron .....	Per dozen	9.75
No. 2 1-2—Holds 1-4 to 1-3/4 inch square or round iron .....	Per dozen	14.50
No. 3—Holds 3-4 to 2 inch square or round iron .....	Per dozen	21.00

This Wrench will hold and turn square and round iron, or pipe, and is "Always Ready" without adjusting.

Half dozen in a box.



.....	3
.....	15.00
.....	1-2 to 1-1/4
.....	3-4 to 1-3/8
.....	16

.....	14
.....	32.00
.....	2



Long Nut.

CHOPPING AXES

Climax



Climax, gold bronzed ..... Per dozen \$8.75

Assorted weights.

Black Print

CHOPPING AXES

"Black Prince"

Ontario Pattern



....Per dozen \$8.75

Black Prince, gold bronzed, extra refined cast steel ..... Per dozen \$11.00  
Assorted weights.



CHOPPING AXES

"Black Prince"

British Columbia Pattern.



"Black Prince," gold-bronzed, British Columbia Pattern..... Per dozen \$11.00

Extra refined cast steel.

Assorted weights.

Whiting's

CHOPPING AXES

Whiting's Clipper



..... Per dozen \$11.00

Whiting's Clipper, extra refined cast steel..... Per dozen \$11.25

Assorted weights.

## CHOPPING AXES

"Solid Steel"

Round Poll.



"Solid Steel," extra triple steel, full polished and etched..... Per dozen \$13.00

Assorted weights

"Model,"

EUREKA H  
CLIMAX Ha  
BLACK PRI  
Boys' Handl  
Boys' Handl  
Hunters' Han  
Hunters' Han

CHOPPING AXES

"Model"



"Model," forged bevel, hand hammered, extra refined cast steel..... Per dozen \$14.50  
Assorted weights.

Handled Axes



EUREKA Handled Chopping Axes ..... Per dozen \$11.50  
CLIMAX Handled Chopping Axes ..... Per dozen 11.75  
BLACK PRINCE Handled Chopping Axes ..... Per dozen 14.00  
Boys' Handled Axes, 28 inch handles, CONGO ..... Per dozen 8.25  
Boys' Handled Axes, extra cast steel, 28 inch handles..... Per dozen 9.75  
Hunters' Handled Axes, 16 inch handles, CONGO..... Per dozen 6.75  
Hunters' Handled Axes, 16 inch handles, extra cast steel..... Per dozen 9.50

Assorted weights, 2½ to 3 lbs.

..... Per dozen \$13.00

## CHOPPING AXES

Hudson's Bay Pattern



Hudson's Bay Axes, gold bronzed..... 3-1 to 41-2 lbs.

Special prices for specifications, giving weights, on application.

DOUBLE BITTED AXE

Ontario Pattern



Ontario Pattern, gold bronzed, extra refined cast steel ..... Per dozen \$18.75

Ground thin. Weights assorted.

..... 3-1 to 4-2 lbs.

**DOUBLE BITTED AXE**

British Columbia Pattern



British Columbia Pattern, gold bronzed, extra refined cast steel, inserted..... Per dozen \$

Assorted weights.

Weight.....  
Per dozen.....

BROAD AXES

Ottawa Pattern



Weight.....	5 1-2 to 7 1-2	7 3-4 to 9 1-4	9 1-2 to 12 lbs.
Per dozen.....	\$33.00	36.00	40.00

British Columbia Pattern, gold bronzed, extra refined cast steel, inserted..... Per dozen \$

Assorted weights.



## HANDLED BENCH AXES



## Warnock's Extra Cast Steel

No.....	3	4	5	6	7
Width of cut—inch .....	5	5½	6	6½	7½
Per dozen .....	\$18.00	14.50	16.00	18.00	19.50

## "Star" Cast Steel

No.....	3	4	5	6	7
Width of cut—inch .....	5	5½	6	6½	7½
Per dozen .....	\$18.00	14.50	16.00	18.00	19.50

Half dozen in a box.

BROAD'S EX

SHIP CARPENTERS' AXES



..... 6 ..... 7  
 ..... 6½ ..... 7½  
 ..... 18.00 ..... 19.50

..... 6 ..... 7  
 ..... 6½ ..... 7½  
 ..... 18.00 ..... 19.50

BROAD'S Extra Cast Steel Ship Axes ..... Per dozen \$33.00

## SHIP CARPENTERS' ADZES

PLAIN.



BROAD'S Extra Cast Steel Ship Adzes, plain.....Per dozen \$30.00  
 WARNOCK'S Extra Cast Steel Ship Adzes, plain.....Per dozen 23.75

BROAD'S E  
 WARNOCK'S

SHIP CARPENTERS' ADZES

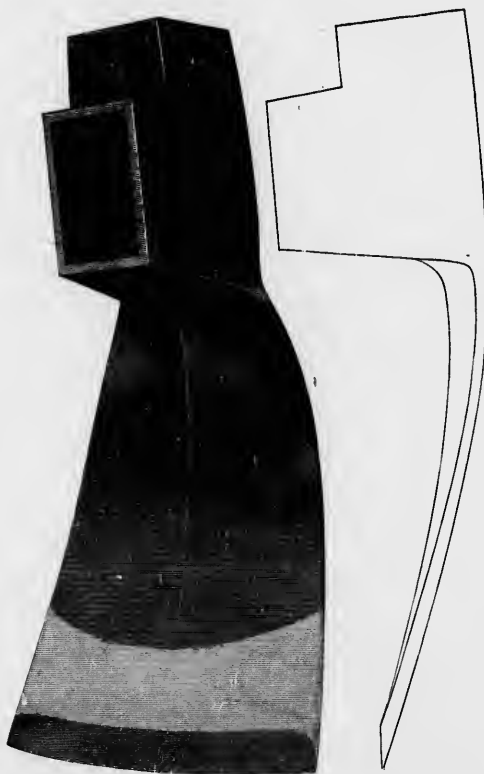
LIPPED.



..... Per dozen \$30.00  
..... Per dozen 23.75

BROAD'S Extra Cast Steel Ship Adzes, lipped..... Per dozen \$35.00  
WARNOCK'S Extra Cast Steel Ship Adzes, lipped..... Per dozen 27.00

## HOUSE CARPENTERS' ADZES



STAR Cast Steel Carpenters' Adzes, iron poll.....	Per dozen	\$18.00
WARNOCK'S Extra Cast Steel Carpenters' Adzes .....	Per dozen	21.00
WARNOCK'S Extra Cast Steel Railroad Adzes, 5 inch cut .....	Per dozen	27.00

Gold bronzed.

One dozen in a box.

**CROW BARS**

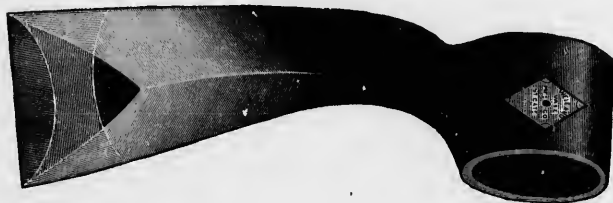


Chisel point, solid steel ..... Per pound \$0.07



Wedge point, solid steel..... Per pound \$0.07

**Grub Hoes**



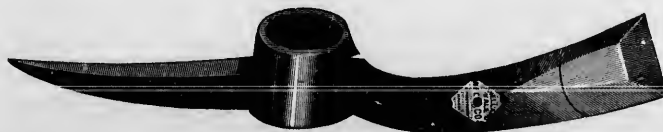
Grub Hoes, round eye, extra finish, wide cut ..... Per dozen \$10.50

**Cutter Mattocks**



Adze eye, extra finish, Long Cutter ..... Per dozen \$10.00

**Pick Mattocks**



Adze eye, extra finish ..... Per dozen \$10.00

..... Per dozen \$18.00  
 ..... Per dozen 21.00  
 ..... Per dozen 27.00

PICKS



Clay Pick.



Miners' Drifting Pick.



Miners' Ore Hammer or Poll Pick.



San Juan Mining Pick.

Clay Picks

Solid Eye, Cast Steel Points.

Weight, lbs .....	5 to 6	6 to 7	7 to 8
Per dozen .....	\$7.25	7.75	8.50

Miners' Drifting Picks

Solid Cast Steel.

4 1-2 to 5 lbs. each.....Per dozen \$16.00

Ore Hammer or Poll Picks

Solid Cast Steel.

3 1-2 lbs. each.....Per dozen \$12.50

Rock Picks

Solid Eye, Cast Steel Points.

6 to 7 lbs. each .....Per dozen \$10.50

San Juan Mining Pick

Solid Cast Steel.

5 lbs. each.....Per dozen \$17.00

PROSPECTORS' PICKS



Prospector's Picks, solid cast steel, 2 and 2/4 lbs. without handles.....Per dozen \$10.00



San Juan Mining Pick.

Gold Miners' Pans



Polished, 16 1/4 x 2 3/8 inches.....Per dozen \$7.25



Miners' Lamps

Monongahela

Heavy, solid hinge top, large spout .....Per dozen \$3.00

Picks

Steel Points.

. Per dozen \$10.50

ing Pick

Steel.

. Per dozen \$17.00

7 to 8  
8.50



LATHING HATCHETS

WITH HICKORY HANDLES.



Solid Cast Steel, Boston Pattern.

Forged from Extra Refined Tool Steel, and Full Polished

No. 40—Width of cut 2 1-4 inch.....Per dozen \$10.00



Solid Cast Steel, Bell Face, Adze Eye.

Forged from Extra Refined Tool Steel, and Full Polished.

No. 41—Width of cut, 2 1-4 inch.....Per dozen \$9.50



Plain or Check Head.

Steel Head. Silver Steel Blade. Bronze Finish.

No. 42 .....	1	2
Width of cut, inch .....	2 1-2	2 3-4
Per dozen .....	\$6.50	7.00

Solid Cast Steel. Full Polish.

No. 42 F.P. ....	1	2
Width of cut, inch.....	2 1-2	2 3-4
Per dozen.....	\$8.00	8.50

Half dozen in a box.

No. 35 ...  
Width of  
Per dozen

No. 36 x 1-

CONGO Cas  
No. 39 x 2-

SHINGLING AND CLAW HATCHETS

WITH HICKORY HANDLES.



No. 35.

Steel Head, Silver Steel Blade, Bronze Finish

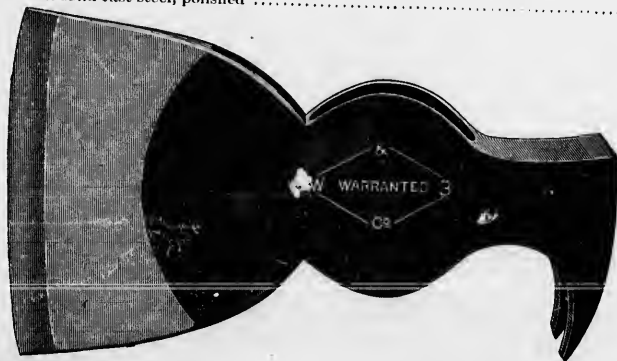
No. 35 .....	1	2
Width of cut—inch .....	3 1-2	3 7-8
Per dozen .....	\$6.50	6.75



No. 36.

Solid Cas Steel, Full Polish

No. 36 x 1—3 1-2 inch cut solid cast steel, polished ..... Per dozen \$8.50



CONGO Cast Steel Claw Hatchets ..... Per dozen \$7.25  
 No. 39 x 2—Steel head, silver steel blade, bronzed, 3 7-8 inch cut ..... Per dozen 8.00  
 Half dozen in a box.

..... Per dozen \$10.00

..... Per dozen \$9.50

..... 2  
 -2 ..... 2 3-4  
 50 ..... 7.00

..... 2  
 -2 ..... 2 3-1  
 00 ..... 8.50

2

**OIL CLOTH BINDING**



ZINC.

6-4—6 yards to set..... Per dozen sets \$2.75  
 8-4—8 yards to set..... Per dozen sets 3.75

BRASS.

6-4—6 yards to set..... Per dozen sets \$3.50  
 8-4—8 yards to set..... Per dozen sets 5.75

One dozen sets with corners and pins in a box. The pins for securing the binding to oilcloth complete the pattern, by continuing raised dots running along middle of strip.

**Tack Claws**



No. 6810.

Cut does not show fluted handle.

No. 6810—Fluted wood handle..... Per dozen \$1.25

One dozen in a box.

**Little Giant Tack Pullers**



Polished Black Handle.

Little Giant Tack Pullers..... Per dozen \$1.50

One dozen in a box.

**Door Stops**

Improved Rubber Tipped, Iron Screws, Natural Wood,  
 Polished.



Black walnut, 2 1-2 inch..... Per gross \$4.50  
 Maple, 2 1-2 inch..... Per gross 4.25

One-quarter gross in a box.

No. 5—Cas

Bullard's C

The botto  
 figure "1" rep  
 lifting the lo

Automatic C

CARPET STRETCHERS



Half size cut of No. 5.

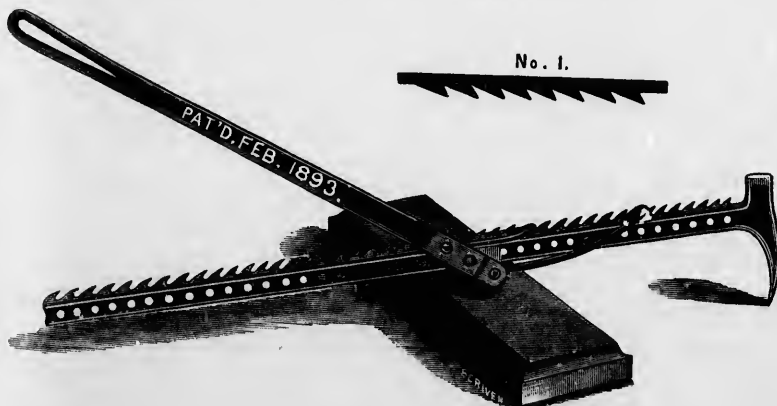
No. 5—Japanned, Polished Blade.

No. 5—Cast steel blade and points.....Per dozen \$1.30  
 One dozen in a box.

Bullard's Patent Carpet Stretcher

Bullard's Carpet Stretcher .....Per dozen \$8.25

Double-Action Automatic Self-Locking Carpet Stretcher



The bottom part of Stretcher that engages with carpet, is constructed with ten sections of hooked teeth (of which figure "1" represents one section). Every motion of the lever brings the carpet FORWARD TO POSITION. By simply lifting the long loop the sliding bar can be run out to its farthest point. Self-locking while tacking carpet.

Automatic Carpet Stretcher.....Per dozen \$12.00

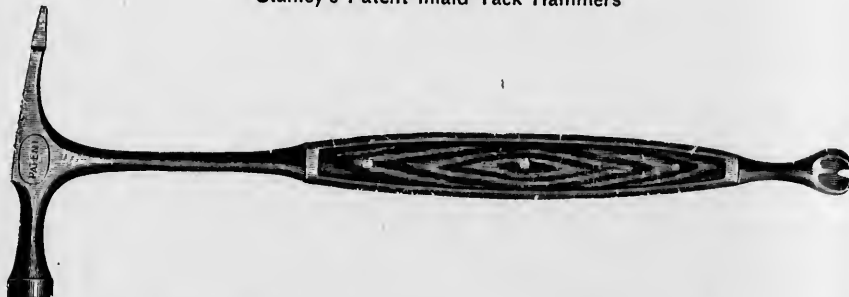
TACK HAMMERS

Half size cuts.



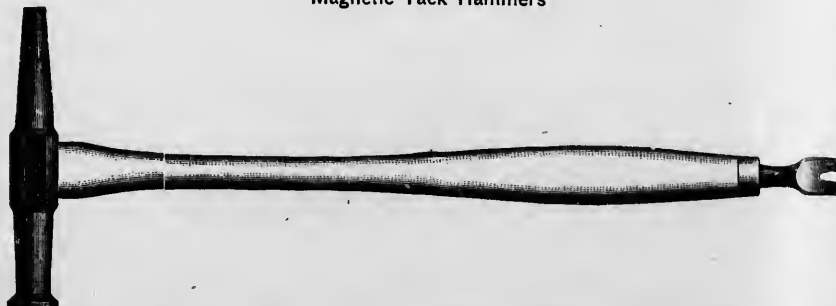
- No. 15—Polished Hammer, hickory handle, steel claw..... Per dozen \$1 15
- No. 12—Polished Hammer, hickory handle with claw..... Per dozen 1.05

Stanley's Patent Inlaid Tack Hammers



- No. 4—Malleable Iron, hardened face, inlaid with black walnut..... Per dozen \$2.75

Magnetic Tack Hammers



- No. 2 or 18—Medium size, magnetic head, with wood handle and claw ..... Per dozen \$1 80

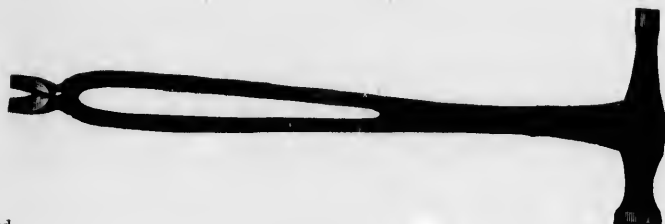
All above one dozen in a box.

No. 0—

No. 0—H  
No. 0—P

No. 10118—

TACK HAMMERS



No. 0—Japanned..... Per dozen \$0.70  
 One dozen in a box.



Phoenix

No. 0—Handy Tack Hammers..... Per dozen \$1.00  
 No. 0—Phoenix Tack Hammers..... Per dozen 1.50  
 One dozen in a box.

Upholsterers' Hammers



No. 10118—French Pattern, oval handle..... Per dozen \$7.50  
 Half dozen in a package.

ADZE EYE NAIL HAMMERS



Full size, 1 1/4.

Adze Eye

No. 2—Cast Iron Polished Adze Eye ..... Per dozen \$2.25

Cast Steel (Varnished Hickory Handles)

Weight without handles .....	Cox's No. 1 1-2	Shaw's No. 1
Per dozen .....	1 lb.	1 lb. 4 oz.
	\$5.00	6.00

Extra Cast Steel (Varnished Hickory Handles)

Nos. ....	1	1 1-2	3
Weight without handles .....	1 lb. 4 oz.	1 lb.	7 oz.
Per dozen .....	\$7.50	7.00	6.25



Full size, 1 1/4.

Adze Eye, Bell Face

Cast Steel (Varnished Hickory Handles)

Weight without handles .....	Cox's No. 1 1-2
Per dozen .....	1 lb.
	\$5.00

Extra Cast Steel (Varnished Hickory Handles)

Nos. ....	1	1 1-2
Weight without handles .....	1 lb. 4 oz.	1 lb.
Per dozen .....	\$7.50	7.00

Half dozen in a box.

MAYDOLE'S SOLID CAST STEEL HAMMERS



Full size cut of No. 1.

Adze Eye

Nos. ....	1	1 1-2
Weight without handles .....	1 lb. 4 oz.	1 lb.
Per dozen .....	\$12.00	10.50



Full size cut of No. 11 1/2.

Adze Eye, Bell Face

Nos. ....	11	11 1-2
Weight without handles .....	1 lb. 4 oz.	1 lb.
Per dozen .....	\$12.00	\$10.50

Half dozen in a box.

.....Per dozen \$2.25

Shaw's No. 1  
1 lb. 4 oz.  
6.00

1-2  
lb.  
00  
3  
7 oz.  
6.25

Cox's No. 11 1-2  
1 lb.  
\$5.00

1 1-2  
lb.  
7.00



MACHINISTS' HAMMERS

No. 12. Ball Pein.



Full size, 6.

No. 13. Straight Pein.



Full size, 4.

No. 14. Cross Pein.



Full size, 4.

Weights given do not include handles.

No. 12—Ball Pein. Varnished Hickory Handles.

Nos.	1	2	3	4	5	6	7	8	9	10	11
Weight, lbs.	8	21-2	21-4	2	13-4	11-2	11-4	1	3-4	1-2	3-8
Per dozen	\$22.00	19.00	17.50	16.50	15.50	14.50	13.50	12.50	12.00	12.00	12.00

No. 13—Straight Pein. Varnished Hickory Handles.

Nos.	1	2	3	4	5	6	7
Weight, lbs.	21-4	2	13-4	11-2	11-4	1	3-4
Per dozen	\$17.50	16.50	15.50	14.50	13.50	12.50	12.00

No. 14—Cross Pein. Varnished Hickory Handles.

Nos.	1	2	3	4	5	6	7
Weight, lbs.	21-4	2	13-4	11-2	11-4	1	3-4
Per dozen	\$17.50	16.50	15.50	14.50	13.50	12.50	12.00

Nos. 1 to 7, one-third dozen in a box. Other Nos., half dozen.

Without Handles.

Nos.	12	13	14
Per pound, 1 lb. and over	\$0.35	.35	.35

Half dozen in a box.

Weight  
Per doz

Weights  
Per pound

No. 66-1 to

4. Cross Point.



size, 4.

.. 10 11  
 .. 1-2 3-8  
 .. 12.00 12.00

.. 6 7  
 .. 1 3-4  
 .. 12.50 12.00

.. 6 7  
 .. 1 3-4  
 .. 12.50 12.00

14  
 .35

**BRICKLAYERS' HAMMERS**

WITH HICKORY HANDLES.



Adze Eye

Nos. 26 .....  
 Weight without handles .....  
 Per dozen .....

2  
 2 lbs.  
 \$13.50

One-third dozen in a box.

**Napping Hammers**

Oil Finish. Polished Faces.



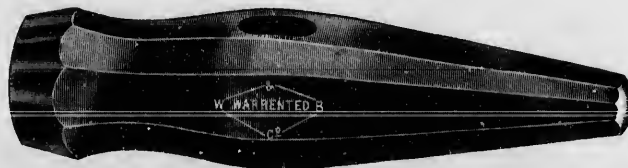
No 58.

Weights.....  
 Per pound.....

3 to 5 lbs.  
 \$0.18  
 Under 3 lbs.  
 .20

**Spike Mauls**

Oil Finish. Polished Face and Pein.



No. 66-1 to 8 lbs. .... Per pound \$0.27

**RIVETING HAMMERS**

WITH VARNISHED HICKORY HANDLES.



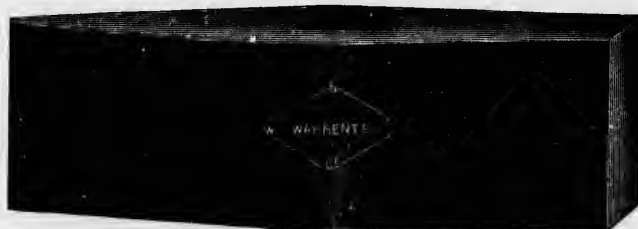
Full size, 5.

No. 15 .....	1	2	3	4	5	6	7	8
Weight without handles.....	1 5-8	1 3-8	1 1-8 lb.	1 5	1 12	1 9	1 7	1 4 oz.
Per dozen.....	\$8.00	7.50	7.00	6.50	6.25	6.00	5.75	5.50

Half dozen in a box.

**Solid Steel Masons' Hammers**

Oil Finish. Polished Face.



No. 50.

Double Face.



No. 51.

Nos. 50 and 51 from 3 to 20 lbs.

Weights.....	5 lbs. and over	.....	3 to 5 lbs.
Per pound.....	\$0.13	.....	.15

No. 54-5  
No. 54-3

No. 60-Wei

Malleable Man

**HAND-DRILLING HAMMER**

**STRIKING OR MINERS' HAMMER**



No. 54.



No. 56.

Oil Finish. Polished Faces.

No. 54—5 lbs. and heavier.....Per pound \$0.14  
 No. 54—3 to 5 lbs.....Per pound .16

No. 56—5 lbs. and heavier.....Per pound \$0.14  
 No. 56—3 to 5 lbs.....Per pound .16

Can supply Western or Longer Pattern if desired.

**Wood-Choppers' Wedges**  
 Truckee Pattern. Oil Finish.



No. 69—Weights as desired.....Per pound \$0.12

**Malleable Iron Maul Rings**



Malleable Maul Rings.....Per dozen \$1.80

6 7 8  
 9 7 4 oz.  
 6.00 5.75 5.50

3 to 5 lbs.  
 .15

**HORSESHOERS' HAMMERS**

Solid Cast Steel.



HELLER'S Cat's Head or Turning Hammers, 2 to 3 lbs ..... Per dozen \$28.00  
 W. & B. Cat's Head or Turning Hammers, 2 to 3 lbs ..... Per dozen 18.00

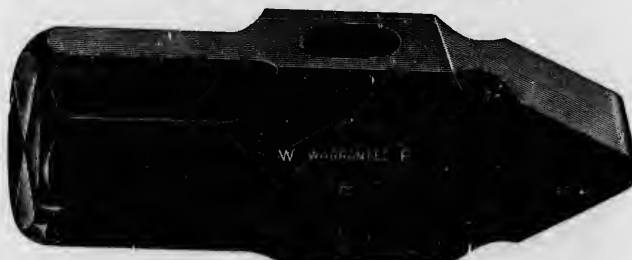


HELLER'S Rounding Hammers, 2 to 3 lbs ..... Per dozen \$28.00  
 W. & B. Rounding Hammers, 2 to 3 lbs ..... Per dozen 18.00



HELLER'S Fitting Hammers, 2 to 3 lbs ..... Per dozen \$24.00  
 One-third dozen in a box.

**Blacksmiths' Hand Hammers and Sledges**



Cast Steel. Oil Finish. Polished Face and Pein.

Weights.....	5 lbs. and over	3 to 5 lbs.
Per pound.....	\$0.14	.16
PETER WRIGHT'S Steel Faced Sledges.....	Per pound \$....	

No. 6-V

No. 5-WI

Heller & Bro

Heller's Solid

FARRIERS' HAMMERS



No. 6—With varnished hickory handles ..... Per dozen \$6.25



No. 5—With varnished hickory handles ..... Per dozen \$7.75

HELLER & BROS.



Heller & Bros'. Farriers' Hammers, 13 to 17 ounces ..... Per dozen \$12.00

Half dozen in a box.

Farriers' Tongs



Heller's Solid Steel Forging Tongs ..... Per pair \$0.50

..... Per dozen \$25.00  
..... Per dozen 18.00

..... Per dozen \$28.00  
..... Per dozen 18.00

..... Per dozen \$24.00

3 to 5 lbs. .16  
..... Per pound \$....

BLACKSMITHS' TOOLS

Creaser



Set Hammer



No. 85—Adze Eye Creaser ..... Per pound \$0.35  
 No. 86—Set Hammer ..... Per pound .35

Punches

Round.



Square.



No. 81—Round Punches, 1-4 to 1 inch ..... Per pound \$0.35  
 No. 82—Square Punches, 1-4 to 1 inch ..... Per pound 0.35

No. 79—To  
 No. 80—Bo

No. 77—Botto  
 No. 78—Top S

BLACKSMITHS' TOOLS

Top.

Fullers

Bottom.



- No. 79—Top Fullers, 1-4 to 3 inch..... Per pound \$0.35  
 No. 80—Bottom Fullers, 1-4 to 3 inch..... Per pound .35

Bottom.

Swedges

Top.



- No. 77—Bottom Swedges, 1-4 to 3 inch..... Per pound \$0.35  
 No. 78—Top Swedges, 1-4 to 3 inch..... Per pound .35



BLACKSMITHS' TOOLS

Hot Chisel



Cold Chisel



No. 75—Hot Chisels, 1 to 3 lbs..... Per pound \$0.35  
 No. 76—Cold Chisels, 1 to 3 lbs..... Per pound .35

Hardies



Flatters



No. 83—Hardies, 1-2 to 1 1-4 inch shanks ..... Per pound \$0.35  
 No. 84—Flatters, 1 to 4 1-2 inch ..... Per pound .35

No. 2—Ca  
 No. 3—Ca

Peter Wrig  
 brooks' Wro

Nos. ....  
 Weight, lbs. ....  
 Per dozen ....

Chisel



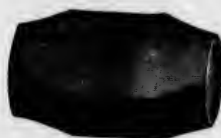
..... Per pound \$0.35  
 ..... Per pound .35

..... Per pound \$0.35  
 ..... Per pound .35

CAST IRON SLEDGES OR POST MAULS



No. 2.



No. 3.

No. 2—Cast Iron Sledges, 21 lbs. .... Per pound \$0.06  
 No. 3—Cast Iron Sledges, 10 lbs. .... Per pound .06

Blacksmiths' Anvils



Peter Wright's Patent Solid Wrought Anvils, 80 lbs. and heavier ..... Per pound \$0.16½  
 Brooks' Wrought Anvils, 30 to 150 lbs. ....

Tuyere Irons



DUCK'S NEST.

Nos. ....	1	2
Weight, lbs. ....	11	15
Per dozen .....	\$10.00	12.00

HANDLES

Hatchet



Hickory Shingle Hatchet Handles.....

Hickory Bench Axe Handles, small.....

Hickory Bench Axe Handles, large.....

Bench Axe



Shingle Hatchet

Bench Axe Handles

Per dozen \$0.75

Per dozen \$0.85

Per dozen \$0.90

Nail Hammer



Machinist's Hammer



Adze Eye Nail Hammer

Selected Second Growth Hickory Adze Eye Nail Hammer Handles.....

Extra Hickory Adze Eye Nail Hammer Handles.....

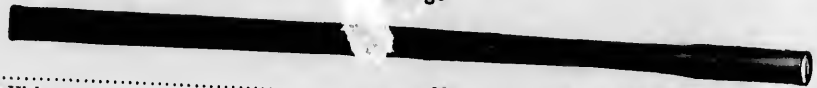
Per dozen \$0.75

Per dozen \$0.80

Machinist's Hammer

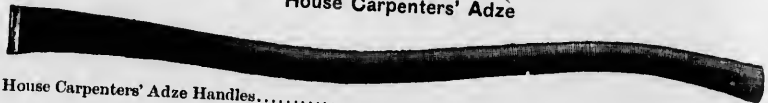
Inch.....		14	16	18	20	22	24
Extra Hickory.....	Per dozen	\$0.60	.70	.80	.90	1.00	1.15
Second Growth Hickory.....	Per dozen	.85	1.00	1.15	1.30	1.45	1.60

Sledge



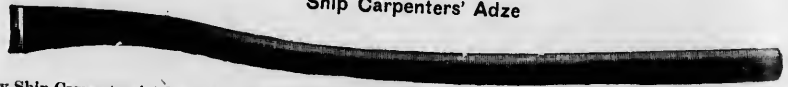
Inch.....		28	30	32	34	36	38	40
Extra Hickory.....	Per dozen	\$1.40	1.60	1.75	2.00	2.25	2.50	2.75
Second Growth Hickory.....	Per dozen	1.75	2.00	2.25	2.50	2.75	3.15	3.40
Hickory Napping Hammer Handles, 30 Inch.....								Per dozen \$3.00

House Carpenters' Adze



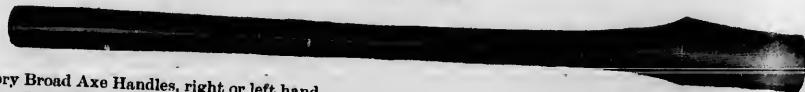
Hickory House Carpenters' Adze Handles..... Per dozen \$2.00

Ship Carpenters' Adze



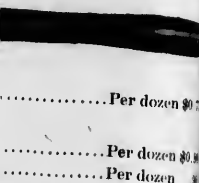
Hickory Ship Carpenters' Adze Handles..... Per dozen \$2.00

Broad Axe



Hickory Broad Axe Handles, right or left hand..... Per dozen \$2.00  
 Hickory Broad Axe Handles, reversible..... Per dozen 2.50

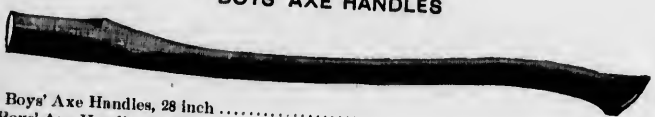
Bench Axe



Miner's Hammer

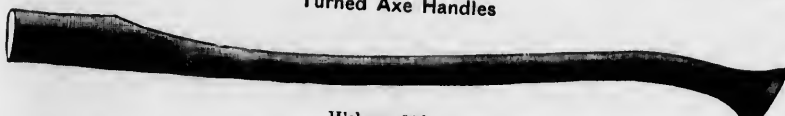
.....	Per dozen \$0.75
.....	Per dozen \$0.80
.....	Per dozen \$0.85
.....	Per dozen \$0.90
.....	Per dozen \$0.95
.....	Per dozen \$1.00
.....	Per dozen \$1.05
.....	Per dozen \$1.10
.....	Per dozen \$1.15
.....	Per dozen \$1.20
.....	Per dozen \$1.25
.....	Per dozen \$1.30
.....	Per dozen \$1.35
.....	Per dozen \$1.40
.....	Per dozen \$1.45
.....	Per dozen \$1.50

BOYS' AXE HANDLES



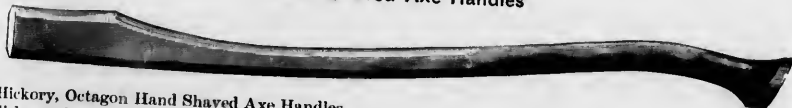
No. 1—Hickory, Boys' Axe Handles, 28 inch ..... Per dozen \$1.25  
 Extra Hickory, Boys' Axe Handles, 28 inch ..... Per dozen 1.75

Turned Axe Handles



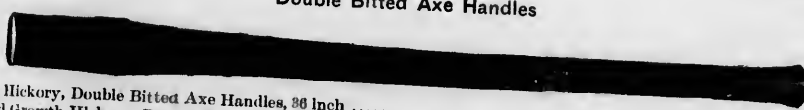
.....	Hickory, 36 inch.			
.....	3	Extra.	Kentucky 2nd growth.	Best 2nd growth.
Per dozen	\$1.00	3.00	3.25	4.00

Hand Shaved Axe Handles



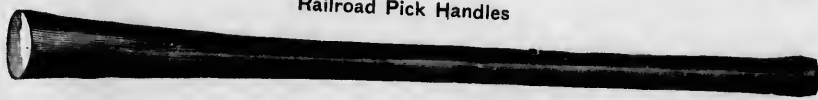
No. 1—Hickory, Octagon Hand Shaved Axe Handles ..... Per dozen \$2.00  
 Extra Hickory, Octagon Hand Shaved Axe Handles ..... Per dozen 2.50

Double Bitted Axe Handles



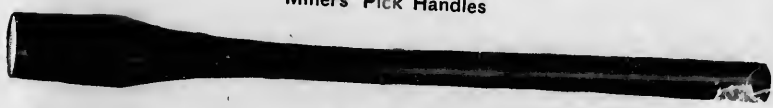
Extra Hickory, Double Bitted Axe Handles, 36 inch ..... Per dozen \$2.50  
 Second Growth Hickory, Double Bitted Axe Handles, 36 inch ..... Per dozen 3.50

Railroad Pick Handles



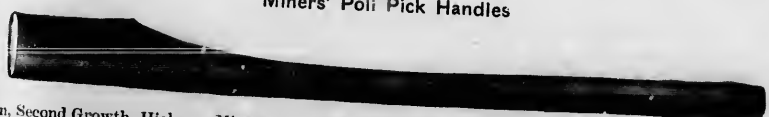
Hickory, No. ....	1	Extra.	Second growth.
Per dozen	\$2.00	2.50	4.00

Miners' Pick Handles



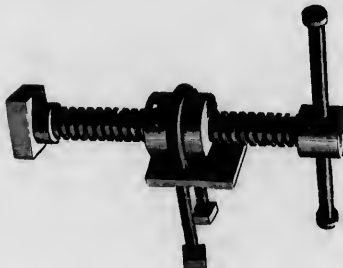
Drifting and Coal Pick  
 American, Second Growth, Hickory, Miners' Pick Handles, 34 inch ..... Per Dozen \$4.00

Miners' Poll Pick Handles



American, Second Growth, Hickory, Miners' Poll Pick Handles, 34 inch ..... Per dozen \$4.00

CARPENTERS' CLAMP SCREWS



Twelve-inch Wrought Screw, Cut from Best Refined Iron, Wrought Iron Handle.

1 inch diameter. .... Each \$1.40

Hand Screws

Screws of Best Selected Hickory.



Nos .....	202	203	204	205	206
Per dozen .....	\$3.50	4.25	5.25	5.50	6.50
Diameter of screw, inch.....	3-4	3-4	7-8	1	1
Length of screw, inch.....	12	14	16	18	20
Length of jaw, inch.....	8	10	12	14	16
Size of jaw, inch.....	1 3-8	1 5-8	1 3-4	2	2 1-4

One dozen in a box.

Inch.....  
Each.....

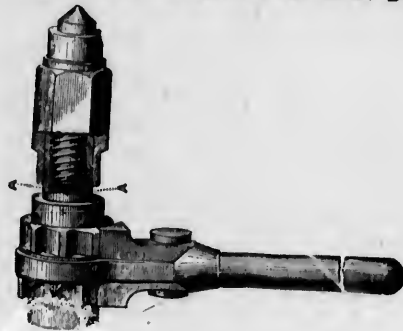


No. 810.

No. 810 X 4  
No. 878 X 5  
No. 878 X 6

No. 710—Wro

WESTON'S DIFFERENTIAL RATCHET DRILLS



Inch.....			
Each .....	12	14	16
	\$6.00	6.50	7.00

Hand and Bench Vises



No. 810.



No. 878.



No. 710.

Hand Vises

No. 810 X 4 1-2—Wrought Hand Vises .....	Per dozen \$9.00
No. 878 X 5 —Wrought Hand Vises, handled.....	Per dozen 10.50
No. 878 X 6 —Wrought Hand Vises, handled.....	Per dozen 15.00

Bench Vises

No. 710—Wrought Bench Vises, 3 to 4 lbs.....	Each \$2.00
--	-------------

le.  
..... Each \$1.40

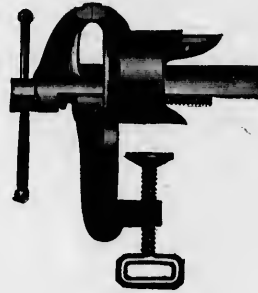
05  
50  
1  
8  
20  
16  
2 1-4

200  
6.50  
1  
20  
16  
2 1-4

BENCH VISES



No. 3 1/2 Bonney's.



No. 3 1/2 Phoenix.

No. 3 1-2—Bonney's, 2 1-4 inch jaws, Wrought Iron Screw, weight 2 3-4 lbs.....Per dozen \$8.50

Phoenix Clamp Vises

Jaws and Anvil Face, Chill Hardened, Thumb Screw, has Ball and Socket Swivel Cap.

No. 3 1-2—Phoenix, 2 inch jaws, opens 2 1-4 inches, weight 4 1-2 lbs.....Per dozen \$16.00

No. 4 1-2—Phoenix, 2 1-2 inch jaws, opens 2 3-4 inches, weight 9 1-2 lbs.....Per dozen 24.00

Champion Vises



Cut of No. 118, half size.

Covered Screws with Clamp

No. 112—1 1-2 inch jaws, weight 1 1-4 lbs.....Per dozen \$4.50

No. 118—2 1-2 inch jaws, weight 3 3-4 lbs.....Per dozen 18.00



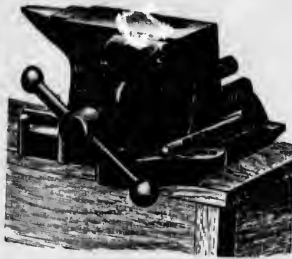
The "

Chilled Face Anvil,  
each box...

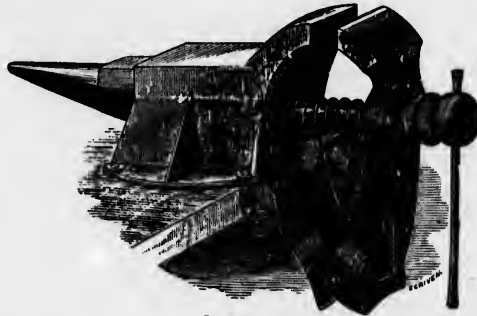
Bright Chilled Face

No. 1—Weight 22 lbs.,

COMBINED ANVILS AND VISES



The "Handy."



"B. S. & M."

The "Handy" Anvil and Vise

Chilled Face Anvil, 4 x 2 1/2 inch face, 2 Inch Jaw, Wrought Screw Vise, one Cast Steel Chisel and Punch in each box..... Per dozen \$35.00  
 One in a box.

The "B. S. & M." Anvil and Vise

Bright Chilled Face Anvil, Inserted Steel Jaw Vise..... Each \$4.50

Parallel Oval Slide Vises



No. 1—Weight 22 lbs., length of jaws 8 1-2 inches, opens 4 inches ..... Each \$4.50



## HOLLANDS' PARALLEL VISES



Stationary Base.



Swivel Base.

		Stationary Base.	
No. 5—Weight	20 lbs., length of jaws 3 1-8 inches, opens 4 inches	.....	Each \$ 7.00
No. 15—Weight	30 lbs., length of jaws 3 1-2 inches, opens 5 inches	.....	Each 7.75
No. 25—Weight	45 lbs., length of jaws 4 inches, opens 6 inches	.....	Each 9.50
No. 35—Weight	60 lbs., length of jaws 4 1-2 inches, opens 7 inches	.....	Each 11.00
No. 45—Weight	90 lbs., length of jaws 5 1-8 inches, opens 8 inches	.....	Each 14.75
No. 55—Weight	145 lbs., length of jaws 6 inches, opens 10 inches	.....	Each 25.00
No. 59—Weight	184 lbs., length of jaws 7 inches, opens 11 1-2 inches	.....	Each 31.25

## Swivel Base.

No. 30—Weight	55 lbs., length of jaws 4 inches, opens 6 inches	.....	Each \$11.50
No. 40—Weight	65 lbs., length of jaws 4 1-2 inches, opens 7 inches	.....	Each 13.00

## Hough's Extra Heavy Combination Pipe Vise



Holding Pipe 1-4 to 3 inches.

## Swivel Base.

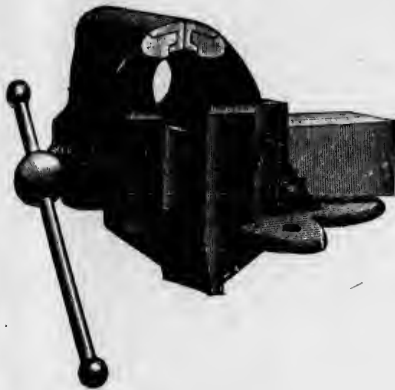
No. 115—Weight	85 lbs., length of jaws 4 1-4 inches	.....	Each \$14.00
----------------	--------------------------------------	-------	--------------

Wrought Iron  
No.  
000  
1  
2  
3  
4  
5

W  
Wrought Iron  
No.  
24

The above  
Iron Strength

PARKER'S PATENT PARALLEL VISES



Stationary Base.



Swivel Base.

Stationary Base. Round Jaws.

With	
No.	Each.
000	\$10.00
1	11.25
2	14.25
3	18.50
4	25.75
5	38.00

.....	Weight, 23 lbs.; length of jaws, 3 1-4 inches.....
.....	Weight, 31 1-2 lbs.; length of jaws, 3 5-8 inches.....
.....	Weight, 41 1-2 lbs.; length of jaws, 4 1-8 inches.....
.....	Weight, 59 1-2 lbs.; length of jaws, 4 3-4 inches.....
.....	Weight, 83 lbs.; length of jaws, 5 3-8 inches.....
.....	Weight, 120 lbs.; length of jaws, 6 1-8 inches.....

Without	
No.	Each.
0000	\$ 7.50
100	9.00
200	11.50
300	14.75
400	21.75
500	32.25

Swivel Base. Round Jaws.

With	
No.	Each.
24	\$23.00

.....	Weight, 63 1-2 lbs.; length of jaws, 4 3-4 inches.....
-------	--

Without	
No.	Each.
2400	\$18.00

The steel faces of these Vises are milled and fitted to the jaws, and are renewable at a trifling cost.

Patent Vise Strengthen



The above cut represents a detached or broken Vise Slide, showing the manner of inserting the "Patent Wrought Iron Strengthen."

..... Each \$14.00

**COACH MAKERS' VISES**

Designed for the use of Carpenters, Cabinet Makers, Pattern Makers and Wood Workers generally.



With  
Wrought Iron Strengthened.

Parker's

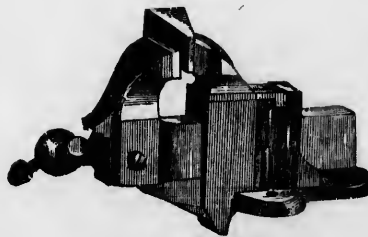
Without  
Wrought Iron Strengthened.

No. 40 1-2—Each \$23.25—4 1-2 inch jaws, opens 9 1-2 inches.... No. 4000—4 inch jaws, opens 8 inches .... Each \$13.50

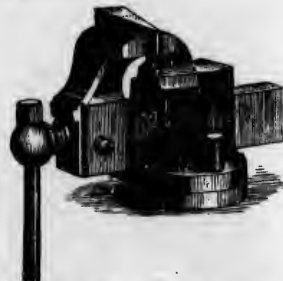
Canadian

No. 8—4 inch jaws, opens 8 inches..... Each \$8.25

**Swivel Coach Makers' Vises**



No. 9. Swivel Jaw.



No. 10. Swivel Jaw. Swivel Base.

No. 9—Coach Makers' Vise, swivel jaws, 3 5-8 inch jaws, opens 8 inches..... Each \$9.50

No. 10—Coach Makers' Vise, swivel jaws and base, 3 5-8 inch jaws, opens 7 1-2 inches ..... Each 10.50

Jaws of Swivel Coach Makers' Vises are same as (No. 40 1-2) and not as shown in cuts.

Peter Wright's  
Brooks' Patent

No. 4 1-2—Iron

Boxes and Screws

**BLACKSMITHS' VISES**



**BLACKSMITHS' BLOWERS**



**Blacksmiths' Vises**

Peter Wright's Patent Solid Box ..... Per pound \$0.19  
 Brooks' Patent Solid Box ..... Per pound 0.18

**Blacksmiths' Blowers**

No. 4 1-2—Iron frame, improved adjustable tuyere iron, fan 14 inches ..... Each \$22.00  
 Works with swivel lever.

**Boxes and Screws for Solid Box Vises**



Boxes and Screws for Solid Box Vises, PETER WRIGHTS ..... Per pound \$0.45

## PORTABLE FORGES



No. 5, with shield.



No. 8.

- No. 5—With shield, height 33 inches, diameter of hearth 22 inches, fan 10 inches, weight 100 lbs. . . . . Each \$24.00  
 No. 6—With half hood, height 33 inches, diameter of hearth 22 inches, fan 10 inches, weight 110 lbs. . . . . Each 27.00  
 No. 7—With closed hood, height 33 inches, diameter of hearth 22 inches, fan 10 inches, weight 115 lbs. . . . . Each 30.00  
 No. 8—For miners and prospectors, short legs, diameter of hearth 18 inches, fan 9 inches (without case) . . . . . Each 23.00



No. 3, with half hood.

- No. 1—With half hood, EXTRA LARGE, height 30 inches, hearth 32 x 45 inches, fan 14 inches, weight 350 lbs. . . . . Each \$50.00  
 No. 2—With shield, height 30 inches, hearth 23 x 35 inches, fan 12 inches, weight 120 lbs. . . . . Each 36.00  
 No. 3—With half hood, height 30 inches, hearth 23 x 35 inches, fan 12 inches, weight 130 lbs. . . . . Each 40.00  
 No. 4—With closed hood, height 30 inches, hearth 23 x 35 inches, fan 12 inches, weight 140 lbs. . . . . Each 42.00

**BELLOWS.**



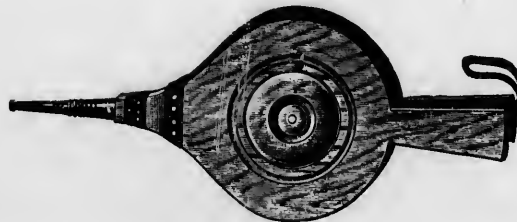
**Standard Pattern Blacksmiths' Bellows.**

Width, Inches.....	<b>24</b>	<b>26</b>	<b>28</b>	<b>30</b>	<b>32</b>	<b>34</b>
List, Each.....	\$10.00	11.00	12.00	13.00	14.00	16.00
Width, Inches.....	<b>36</b>	<b>38</b>	<b>40</b>	<b>42</b>	<b>44</b>	<b>48</b>
List, Each.....	\$18.00	20.00	23.00	27.00	32.00	50.00



**Moulders' Bellows.**

10 Inches ..... Per dozen \$18.00



**French Parlor Bellows.**

Russet Leather

No. 4109—Size 6 1-2 Inches ..... Per dozen \$5.50  
 8 Inch, Nailed..... Per dozen 9.00

..... Each \$24.00  
 10 lbs..... Each 27.00  
 115 lbs... Each 30.00  
 (out case) Each 23.00

30 inches, hearth  
 lbs..... Each \$50.00  
 x 35 inches, fan 12  
 ..... Each 36.00  
 23 x 35 inches, fan  
 ..... Each 40.00  
 rth 23 x 35 inches,  
 ..... Each 12.00

**DIAMOND VISE**



Patented January 15, 1895.



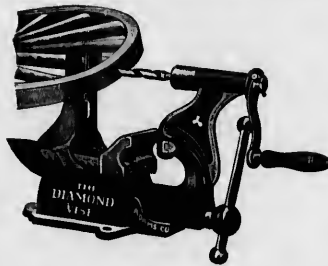
Patented January 15, 1895.

Well Finished. Suitable for First-class Machine Shop.  
Just the thing for Factory or Farm. Will hold Work no other Vise can.  
To hold Pipe, move Mall Jaw back One Notch.

Three sharp jaws four inches long clamp pipe up to two inches firmer than any other vise made.

Will take Square Shank Drills up to 3-4 inch

Diamond Vise .....	\$3 00
Diamond Vise with Drilling Attachment.....	7.50



**Upright Drills**



No. 11.

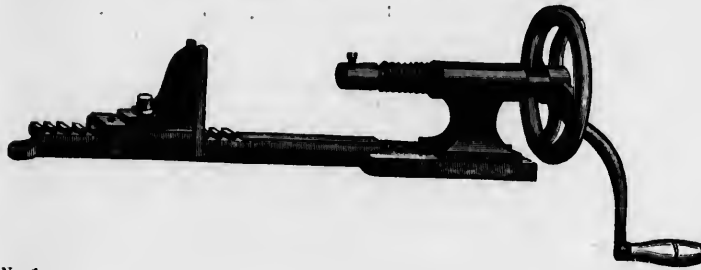
Adjustable automatic feed. Weight, 100 lbs., bores to centre of 15 inch circle, and takes 10 1/4 inches between table and end of drill spindle. Spindle bored to fit drill shanks 1/2 inch in diameter. .... Each \$10.00.



No. 12.

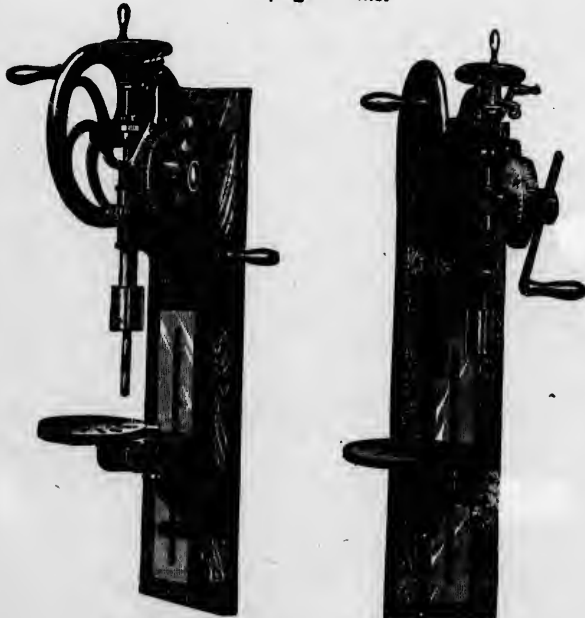
Adjustable automatic feed. Weight 130 lbs., bores up to 1 inch hole, and to centre of 18 inch circle. Spindle bored to fit drill shanks 1/2 inch in diameter. Each..... \$14.00

**BLACKSMITHS' HORIZONTAL DRILL.**



- No. 1 ..... Each \$4.50  
 No. 2 ..... Each \$5.25

**Upright Drills.**



Side View.

Front View.

**CHAMPION.** Hand Drill, Adjustable Automatic Feed, Length 37 Inches, Weight 100 Lbs.  
 Capacity 1 Inch hole in Center of 15 Inch Circle, Run of Feed, 3 1-4 Inches .. Each \$15.00.



January 15, 1895.  
 ...ise made.  
 3-4 inch  
 ..... \$3 00  
 ..... 7.50



Weight 130 lbs., bores  
 of 18 inch circle  
 inch in diameter.  
 ..... \$14.00



UPRIGHT DRILL



No. 3.

Has automatic screw feed, and treadle feed for countersinking. Spindle fits  $\frac{1}{4}$  inch shank twist drills. Drills holes up to  $1\frac{1}{2}$  inch and to centre of 22 inch circle. Has change gearing for fast and slow speed, the fast speed is suitable for light drilling, and the change of gearing, which is made instantly by moving a small pivoted arm, adapts the machine to the heaviest drilling required on a hand machine.

With tight and loose pulleys on crank shaft or cone pulleys and countershaft, it makes an excellent power drilling machine for light work. Weight, 200 lbs.

For driving by belt we provide either tight and loose pulleys, price \$30.00; or countershaft with cone pulleys, vices, etc., price \$15.00.

When the fly wheel is not required, that is if the machine is to be driven by belt only, we allow \$2.00 off list price. . . . . \$28.00.

No. 4 - Lightni

JARDINE'S

No. 1 - Jardine's  
No. 2 - Jardine's  
No. 3 - Eureka, u

No. 1 - Jardine's, t  
No. 1 - Eagle, to c  
No. 2 - Eagle, to c

TIRE UPSETTERS

LIGHTNING.



No. 4—Lightning, chilled notched eccentrics, steel pins..... Each \$11.25  
 Can be operated by one man and will not kink the tire.

JARDINE'S IMPROVED.

EUREKA.



No. 1—Jardine's Improved, upsets tires up to 2 inch wide ..... Each \$13.80  
 No. 2—Jardine's Improved, upsets tires up to 4 inch wide ..... Each 16.20  
 No. 3—Eureka, upsets tires up to 8 inch wide and 1 inch thick..... Each 7.50

Bolt Clippers

JARDINE'S

EAGLE.



No. 1—Jardine's, to cut bolts and rivets 7-16 inch and under ..... Each \$4.00  
 No. 1—Eagle, to cut bolts and rivets 3-8 inch and under ..... Each 5.50  
 No. 2—Eagle, to cut bolts and rivets 1-2 inch and under ..... Each 9.00

TIRE BENDERS

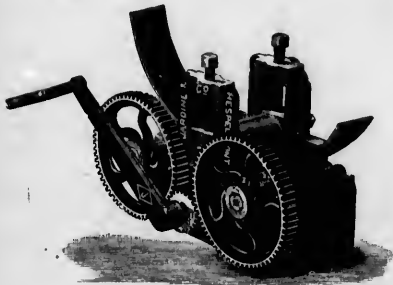


No. 1.

No. 1 Tire Bender

Is compact and well fitted; the upper roll is driven by a strong gear. The rollers are all accurately turned. Will bend light iron up to 4 inches wide.

Weight 85 lbs. . . . . Each \$8.75



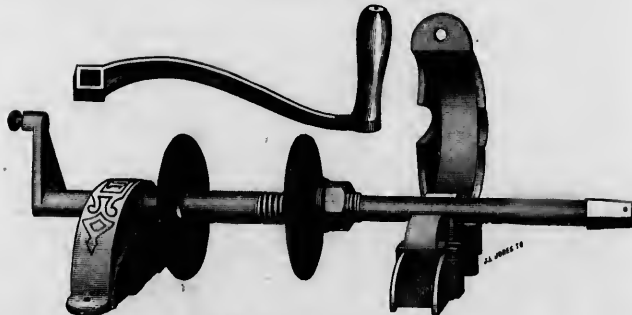
No. 2.

No. 2 Tire Bender

Is strongly geared and will bend tire up to 4 inches in width. It has change of speed for light and heavy tire. The middle roller is removable to take the tire out after bending or to round up welded tire. A convenient, strong and cheap bender.

Weight 120 lbs. . . . . Each \$10.50

Grindstone Mountings



Japanned, Incased Copper Rollers.

No. 1—15 inch shaft	Per dozen \$5.75
No. 2—17 inch shaft	Per dozen 6.50
Extra handles	Per dozen 3.00

Half dozen sets in a box.

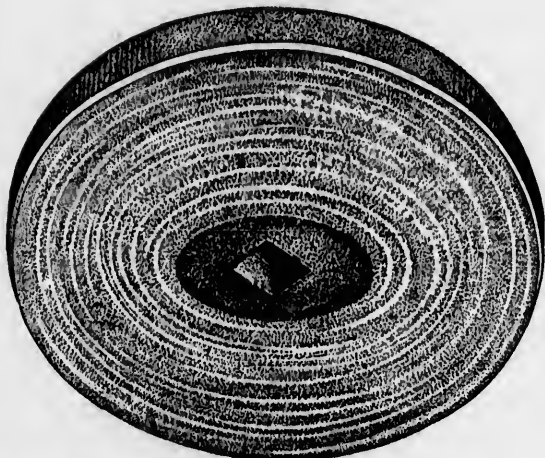
Ohio Grindstones, as  
Ohio Grindstones, ov

Square t

Example:—Flnd t  
Square of 54 = 2916, m

Kitchen Grindstones, 8 in  
Kitchen Grindstones, w

GRINDSTONES



Ohio Grindstones, assorted to 150 lbs. .... Per 100 pounds \$1 25  
 Ohio Grindstones, over 150 lbs. .... Per 100 pounds 2.00

RULE TO ASCERTAIN WEIGHT OF GRINDSTONES

Square the diameter (in inches), multiply by thickness (in inches), then by decimal .06363.

Example:—Find the weight of a stone 4 feet 6 inches diameter and 7 inches thick. 4 feet 6 inches = 54 inches.  
 Square of 54 = 2916, multiplied by 7 = 20,412, multiplied by .06363 = Ans: 1298.815 lbs. which is weight of stone.

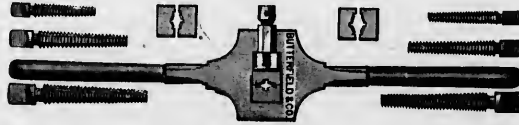
Kitchen Grindstones



Japanned Mountings.

Kitchen Grindstones, 8 inch diameter, mounted..... Per dozen \$12.50  
 Kitchen Grindstones, without mountings ..... Per dozen 8.50

BLACKSMITHS' STOCKS AND DIES



NUMBERS.	Price Each.	RIGHT HAND.		LEFT HAND.		Number of Taps.	Pairs of Dies.
		SIZE.	Threads to the Inch.	SIZE.	Threads to the Inch.		
		Inch.		Inch.			
1	\$60.00	2 to 1	4 1-2 & 7	2 to 1	4 1-2 & 7	8	4
2	60.00	" 7-8	4 1-2 6 7 8			8	4
3	45.00	1 3-4 " 7-8	6 8	1 3-4 to 7-8	6 8	8	4
4	45.00	1 3-4 " 3-4	6 7 8 9			8	4
5	35.00	1 1-2 " 3-4	8 9	1 1-2 to 3-4	6 9	8	4
5 1-2	35.00	1 1-2 " 3-4	6 7 8 9			8	4
7	12.00	1 1-4 " 5-8	8 10	1 1-4 to 7-8	6	6	3
9	12.00	1 1-4 " 1-2	8 10 12			6	3
17	9.00	1 " 1-2	9 12	1 to 3-4	9	6	3
19	9.00	1 " 3-8	9 12 14			6	3
25	8.50	3-4 " 3-8	10 12	3-4 to 1-2	10	6	3
27	6.50	3-4 " 3-8	10 12 16			6	3
45	5.50	5-8 " 5-16	12 16 18	5-8 to 7-16	12	6	3
47	5.50	5-8 " 1-4	12 14 18			6	3
49	4.50	1-2 " 1-4	14 18	1-2 to 5-16	14	6	3
51	4.50	1-2 " 3-16	14 18 22			6	3
60	6.50	3-4 " 1-8	10 12 14 18			6	4



NUMBERS.	Price Each.	RIGHT HAND.		LEFT HAND.		Number of Taps.	Sets of Dies.
		SIZE.	Threads to the Inch.	SIZE.	Threads to the Inch.		
		Inch.		Inch.			
6	\$20.00	1 1-2 to 1	8	1 1-2 to 1	8	4	2
11	10.00	1 1-4 " 5-8	8 10	1 1-4 to 7-8	8	4	3
15	10.00	1 1-4 " 1-2	8 10 12			5	3
21	6.00	1 " 1-2	9 12	1 to 3-4	0	4	3
23	5.00	1 " 3-8	9 10 14			3	3
33	5.00	3-4 " 3-8	10 14	3-4 to 3-8	10 14	4	2
34	4.00	3-4 " 1-2	10	3-4 to 1-2	10	2	4
34 A	4.50	3-4 " 5-16	10 12 16			3	3
34 B	4.50	3-4 " 5-16	10 12 14			3	3
35	4.50	3-4 " 5-16	12 14 16			3	3
37	4.00	3-4 " 3-8	10 14			2	2
37 A	4.25	5-8 " 3-16	14 18 22			6	3
37 B	4.25	5-8 " 3-16	12 14 16			6	3
38	4.25	5-8 " 3-16	14 16 18			6	3
41	4.50	5-8 " 5-16	12 16	5-8 to 7-16	12	6	3
41 A	3.25	1-2 " 1-8	16 20 28			6	3
41 B	3.25	1-2 " 1-8	14 16 18			6	3
42	3.50	1-2 " 1-8	16 18 20			6	3
53	2 75	1-2 " 2-16	14 22	1-2 to 5-16	14	6	3
		5-16 " 1-16	13 20 24 32			4	4

One set in a package.

No. A—Stock 22 inch  
 No. B—Stock 26 inch  
 No. C—Stock 26 inch  
 No. D—Stock 26 inch  
 No. E—Stock 26 inch  
 No. F—Stock 53 inch  
 No. G—Two stocks,  
 No. H—Stock 26 inch

No. 1—5 pairs Dies, cu  
 No. 2—4 pairs Dies, cu  
 No. 3—4 pairs Dies, cu  
 No. 4—4 pairs Dies, cu  
 No. 5—4 pairs Dies, cu  
 No. 6—5 pairs Dies, cu  
 No. 6 stock

Extra Dies for No. 1 pl  
 Extra Dies for No. 2 pl  
 Extra Dies for No. 3 pl

No. 0—5 inches long, F  
 No. 1—8 inches long, F  
 No. 2—12 inches long, F  
 No. 3—14 inches long, F  
 No. 4—19 inches long, F  
 No. 5—24 inches long, F  
 No. 6—30 inches long, F  
 No. 7—54 inches long, F

REECE'S NEW SCREW PLATES



Cut showing Size G, complete in box.

- No. A—Stock 22 inches long, cuts 1-4, 5-16, 3-8, 7-16 and 1-2 inch . . . . . Each \$12.00
- No. B—Stock 26 inches long, cuts 1-2, 5-8, 3-4, 7-8 and 1 inch . . . . . Each 17.50
- No. C—Stock 26 inches long, cuts 1-4, 5-16, 3-8, 7-16, 1-2, 5-8 and 3-4 inch . . . . . Each 22.00
- No. D—Stock 26 inches long, cuts 3-8, 7-16, 1-2, 5-8, 3-4, 7-8 and 1 inch . . . . . Each 10.00
- No. E—Stock 20 inches long, cuts 1-4, 5-16, 3-8, 7-16, 1-2, 5-8, 3-4, 7-8 and 1 inch . . . . . Each 25.00
- No. F—Stock 53 inches long, cuts 1 1-8, 1 1-4, 1 3-8 and 1 1-2 inches . . . . . Each 37.50
- No. G—Two stocks, cuts 3-8, 7-16, 1-2, 5-8, 3-4, 7-8, 1, 1 1-8 and 1 1-4 inches . . . . . Each 42.00
- No. H—Stock 26 inches long, cuts 1-4, 3-8, 1-2, 5-8 and 3-4 inch . . . . . Each 13.50

Machinists' Stocks and Dies



- No. 1—5 pairs Dies, cutting 1-4, 20; 5-16, 18; 3-8, 16; 7-16, 14; 1-2, 12 . . . . . Each \$ 7.00
- No. 2—4 pairs Dies, cutting 7-16, 14; 1-2, 12; 5-8, 11; 3-4, 10 . . . . . Each 8.00
- No. 3—4 pairs Dies, cutting 5-8, 11; 3-4, 10; 7-8, 9; 1, 8 . . . . . Each 10.00
- No. 4—4 pairs Dies, cutting 3-4, 10; 7-8, 9; 1, 8; 11-4, 7 . . . . . Each 13.00
- No. 5—4 pairs Dies, cutting 1 1-8, 7; 1 1-4, 7; 1 3-8, 6; 1 1-2, 6 . . . . . Each 25.00
- No. 6—5 pairs Dies, cutting 1 1-2, 6; 1 5-8, 5; 1 3-4, 5; 1 7-8, 4 1-2; 2, 4 1-2 . . . . . Each 33.00

No. 6 stock has malleable centre for holding Dies and double strong pipe for handles, detachable.  
Prices do not include taps. For price of taps see page 501.

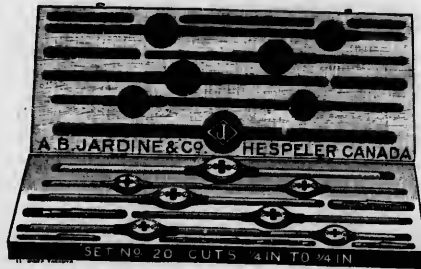
Extra Dies for No. 1 plate . . . . . \$1 00	Extra Dies for No. 4 plate . . . . . \$2.00
Extra Dies for No. 2 plate . . . . . 1.25	Extra Dies for No. 5 plate . . . . . 3.50
Extra Dies for No. 3 plate . . . . . 1.75	Extra Dies for No. 6 plate . . . . . 4.00

Adjustable Tap and Reamer Wrench



- No. 0—5 inches long, Fitting Taps 1-16 to 1-4 inch . . . . . Each \$ 1.00
- No. 1—8 inches long, Fitting Taps 1-8 to 3-8 inch . . . . . Each 1.50
- No. 2—12 inches long, Fitting Taps 1-4 to 5-8 inch . . . . . Each 2.50
- No. 3—14 inches long, Fitting Taps 1-2 to 7-8 inch . . . . . Each 3.00
- No. 4—19 inches long, Fitting Taps 3-4 to 1 1-4 inch . . . . . Each 4.00
- No. 5—24 inches long, Fitting Taps 7-8 to 1 1-2 inch . . . . . Each 5.25
- No. 6—36 inches long, Fitting Taps 1 to 2 inch . . . . . Each 8.00
- No. 7—54 inches long, Fitting Taps 1 1-2 to 3 inch . . . . . Each 16.00

ADJUSTABLE DIES



Each Die in a separate stock, and the stocks, of length proportionate to the size of Die.  
 Always ready ; no more changing Dies in stock.  
 Every Die in the set can be in use at one time if required.  
 The Die is held firmly by screws, and is easily and quickly adjusted to size.  
 Each Die is provided with a guide collar, to lead the die straight on the bolt.  
 The Dies have clearance on the face, as well as the under side, and can be used to cut up to a shoulder, without alteration or adjustment.  
 There is no plate or other projection on the face of the Die to prevent it going right up to the shoulder, if required. It is without doubt the best and most convenient adjustable Die on the market.

PRICES.

Complete. Taps, Dies and Stocks, in a neat case :

Set No. 15—1-4, 5-16, 3-8, 7-16, 1-2.....	\$11.25
Set No. 20—1-4, 5-16, 3-8, 7-16, 1-2, 5-8, 3-4.....	16.00
Set No. 22—3-8, 7-16, 1-2, 5-8, 3-4, 7-8, 1 inch.....	22.00
Set No. 25—1-4, 5-16, 3-8, 7-16, 1-2, 5-8, 3-4, 7-8, 1 inch.....	24.00

Unless otherwise ordered, Taps and Dies sent 1-64 inch oversize up to 3-8 inch, and 1-32 inch oversize 7-16 inch and larger.

Screw Plates

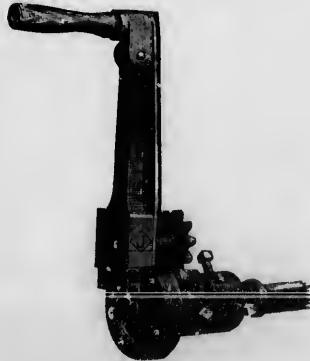


No. 847—German

No. 847.....	6	7	8
Cuts up to—Inch.....	3-16	1-4	5-16
Each.....	\$2.20	2.25	2.40

Stubs' Screw Plates

No. 181A.....	6 Holes	8 Holes	10 Holes
Each.....	\$1.60	2.55	3.40



Axle Cutter

For cutting back the Shoulder of Worn Axles, so as to take up end play

This tool can be applied to any axle up to 1 1/2 inch diameter, and cuts back the shoulder quickly, making a perfect job. With it and a set of dies a set of axles can be cut in an hour, changing a buggy with loose, wobbly wheels into a nice running rig. Every waggon maker should have this tool.

Each..... \$5.00

Machine or Nu



In ordering state whet or Wh

Standard threads to in Each.....

TAPS

Machine or Nut Taps

Hand Taps

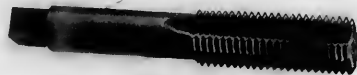
Machine Screw Taps



TAPER.



PLUG.



BOTTOMING.



oulder, without  
er, if required.  
\$11.25  
16.00  
22.00  
24.00  
e 7-16 inch and

7 8  
-4 5-16  
25 2.40  
10 Holes  
3.40

HAND.				MACHINE OR NUT.			
Inch.	Each.	No. of Threads to Inch.	Whole Length in Inches.	Inch.	Each.	No. of Threads to Inch.	Whole Length in Inches.
1-4	\$0.45	16, 18, 20	2 3-4	1-4	\$0.60	16, 18, 20	5
5-16	.50	16, 18	3	5-16	.70	16, 18	6
3-8	.55	14, 16, 18	3 1-4	3-8	.60	14, 16	6 1-2
7-16	.60	14, 16	3 1-2	7-16	.60	12, 14, 16	7
1-2	.70	12, 13, 14	4	1-2	1.00	12, 13, 14	8
9-16	.80	12, 14	4	9-16	1.35	12, 14	8
5-8	.90	10, 11, 12	4 1-2	5-8	1.80	10, 11, 12	9
11-16	1.05	11, 12	4 1-2	11-16	1.45	11, 12	9
3-4	1.20	10, 12	5	3-4	1.60	10	10
13-16	1.40	10	5	13-16	1.80	10	10
7-8	1.60	9, 10	5 1-2	7-8	2.10	9, 10	11
15-16	1.80	9	5 1-2	15-16	2.40	9	11
1	2.00	8	6	1	2.80	8	12
1 1-2	2.25	7, 8	6	1 1-2	3.20	7, 8	12
1 1-4	2.60	7	6 1-2	1 1-4	3.70	7, 8	13
1 3-8	3.00	6	6 3-4	1 3-8	4.20	6	13 1-2
1 1-2	3.50	6	7	1 1-2	4.70	6	14
1 5-8	4.30	5, 5 1-2	7 1-4	1 5-8	5.30	5, 5 1-2	14 1-2
1 3-4	5.00	5	7 1-2	1 3-4	6.00	5	15
1 7-8	5.80	4 1-2, 5	8	1 7-8	6.80	4 1-2, 5	16
2	6.70	4 1-2	8 1-2	2	7.70	4 1-2	17

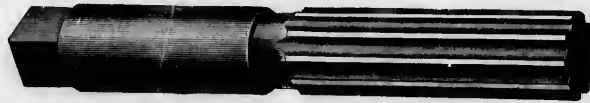
In ordering state whether exact size or 1-32 over size FOR ROUGH IRON is wanted, and No. of threads. Can supply U.S. or Whitworth Thread to order. V Thread always sent unless advised to the contrary.

Machine Screw Taps

No.	2	4	6	8	10	12	14	16	18	20	24
Standard threads to inch	56	86	32	32	24	21	20	18	18	16	16
Each	\$0.35	.35	.35	.35	.35	.35	.88	.88	.88	.45	.45



SOLID REAMERS



No. 110.

Diameter.	Full Length.	Length of Flute.	Price each.	Diameter.	Full Length.	Length of Flute.	Price each.
1-4	3 3-4	2 3-16	\$1.30	1 3-16	8 1-4	4 1-4	83.50
5-16	4	2 1-4	1.40	1 1-4	8 5-8	4 1-2	3.70
3-8	4 1-4	2 3-8	1.50	1 5-10	9	4 3-4	3.90
7-16	4 1-2	2 7-16	1.60	1 3-8	9 3-8	5	1.10
1-2	4 3-4	2 9-16	1.70	1 7-16	9 3-4	5 1-4	4.35
9-16	5	2 5-8	1.80	1 1-2	10	5 1-2	1.70
5-8	5 1-4	2 3-4	1.90	1 9-16	10 1-4	5 5-8	5.20
11-16	5 1-2	2 3-4	2.05	1 5-8	10 1-2	5 3-4	5.70
3-4	5 3-4	3	2.20	1 11-16	10 3-4	5 7-8	6.20
13-16	6	3 1-8	2.35	1 3-4	11	6	6.70
7-8	6 3-8	3 1-4	2.50	1 13-16	11 1-4	6 1-8	7.10
15-16	6 3-4	3 7-16	2.70	1 7-8	11 1-2	6 1-4	7.50
1	7 1-8	3 5-8	2.90	1 15-16	11 3-4	6 3-8	7.90
1 1-16	7 1-2	3 3-4	3.10	2	12	6 1-2	8.30
1 1-8	7 7-8	4	3.30				

Shell Reamers  
No. 117.

Diameter.	Length.	Size Hole	Price each.	Diameter.	Length.	Size Hole.	Price each.
1-4	1 1-2	1-8	\$1.10	1 3-4	3 1-2	1	81.10
5-16	1 1-2	1-8	1.10	1 13-16	3 1-2	1	4.40
3-8	1 3-4	3-16	1.20	1 7-8	3 1-2	1	4.70
7-16	1 3-4	3-16	1.30	1 15-16	3 1-2	1	5.00
1-2	2	1-4	1.40	2	3 1-2	1	5.20
9-16	2	1-4	1.50	2 1-16	3 3-4	1 1-4	5.40
5-8	2 1-4	3-8	1.60	2 1-8	3 3-4	1 1-4	5.60
11-16	2 1-4	3-8	1.60	2 3-16	3 3-4	1 1-4	5.80
3-4	2 1-2	1-2	1.60	2 1-4	3 3-4	1 1-4	6.00
13-16	2 1-2	1-2	1.60	2 5-16	3 3-4	1 1-4	6.20
7-8	2 1-2	1-2	1.70	2 3-8	3 3-4	1 1-4	6.40
15-16	2 1-2	1-2	1.70	2 7-16	3 3-4	1 1-4	6.60
1	2 3-4	5-8	1.80	2 1-2	3 3-4	1 1-4	6.80
1 1-16	2 3-4	5-8	1.80	2 9-16	4	1 1-2	7.00
1 1-8	2 3-4	5-8	1.90	2 5-8	4	1 1-2	7.30
1 3-16	2 3-4	5-8	2.00	2 11-16	4	1 1-2	7.60
1 1-4	2 3-4	5-8	2.20	2 3-4	4	1 1-2	8.00
1 5-16	3	3-4	2.40	2 13-16	4	1 1-2	8.10
1 3-8	3	3-4	2.60	2 7-8	4	1 1-2	8.80
1 7-16	3	3-4	2.80	2 15-16	4	1 1-2	9.20
1 1-2	3	3-4	3.00	3	4	1 1-2	9.60
1 9-16	3	3-4	3.20				
1 5-8	3	3-4	3.50				
1 11-16	3 1-2	1	3.80				

Shell Reamers of any size or length supplied to order.

Taper Reamers

- Reamer for taper of Morse drill socket No. 1 ... \$2.40
- Reamer for taper of Morse drill socket No. 2 ... 2.80
- Reamer for taper of Morse drill socket No. 3 ... 3.40
- Reamer for taper of Morse drill socket No. 4 ... 4.20
- Reamer for taper of Morse drill socket No. 5 ... 6.60



Dimensions of Morse Taper Reamers

No. of Reamer.	Full Length.	Length of Flute.	Taper.	No. of Reamer.	Full Length.	Length of Flute.	Taper.
Taper No. 1....	5 7-8 in.	3 1-2 in.	.5415 by .365	Taper No. 4....	9 in.	5 1-2 in.	1.701 by 1.021
Taper No. 2....	7 1-2 in.	4 1-2 in.	.797 by .572	Taper No. 5....	9 7-8 in.	5 7-8 in.	1.786 by 1.480
Taper No. 3....	8 1-4 in.	5 in.	1.025 by .775				

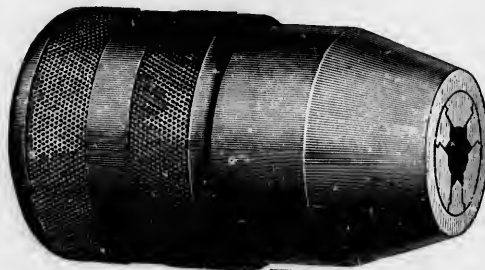
**BEACH PATENT DRILL CHUCK**



- No. 0—Holding from No. 0 to 1-8 inch diameter (for Jewellers)..... Each \$8.00
- No. 1—Holding from No. 0 to 1-4 inch diameter ..... Each 8.00
- No. 2—Holding from No. 0 to 3-8 inch diameter ..... Each 8.50
- No. 3—Holding from No. 1-16 to 1-2 inch diameter ..... Each 10.00
- No. 4—Holding from No. 3-16 to 5-8 inch diameter ..... Each 11.00

**Beach Drill Chuck**

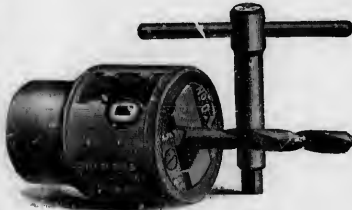
STETSON'S PATENT IMPROVED.



Full size cut.

- No. 2—Holding from No. 0 to 3-8 inch ..... Each \$8.50

**Westcott's Patent Little Giant Improved Drill Chuck**



This Chuck has no projections. The jaws and screws are all within the body. The jaws are of the best tool steel, carefully hardened.

A guard ring prevents the jaws from being opened so as to take in larger work than the Chuck is designed for. It is very powerful, and is guaranteed to hold true and not to injure or shear the finest drill. It holds round or square work, and there is no chuck equal to it for holding wood-boring tools. The hole in the hub is made to fit the Morse taper.

- No. 00—Approximate diameter 1 1-4 inch, holding drills 0 to 1-4 inch ..... Each \$ 7.00
- No. 0—Approximate diameter 2 1-2 inch, holding drills 0 to 1-2 inch ..... Each 8.00
- No. 1—Approximate diameter 3 inch, holding drills 0 to 3-4 inch ..... Each 9.00
- No. 2—Approximate diameter 3 1-2 inch, holding drills 0 to 1 inch ..... Each 10.00

**Screws and Jaws for Westcott's Patent Little Giant Improved**



- No. 00—Screws ..... Each \$1.00      Jaws..... Per set \$2.50
- No. 0—Screws ..... Each 1.09      Jaws..... Per set 2.25
- No. 1—Screws ..... Each 1.00      Jaws..... Per set 2.50
- No. 2—Screws ..... Each 1.10      Jaws..... Per set 2.75

Length of Shank.	Price each.
1-4	\$3.50
1-2	3.70
3-4	3.90
5	4.10
1-4	4.35
1-2	1.70
5-8	5.20
3-4	5.70
7-8	6.20
1	6.70
1-8	7.10
1-4	7.50
3-8	7.90
1-2	8.30

Size Hole.	Price each.
Inches.	
1	\$1.10
1	4.40
1	4.70
1	5.00
1	5.20
1-4	5.40
1-4	5.60
1-4	5.80
1-4	6.00
1-4	6.20
1-4	6.40
1-4	6.60
1-4	6.80
1-2	7.00
1-2	7.30
1-2	7.60
1-2	8.00
1-2	8.40
1-2	8.80
1-2	9.20
1-2	9.60

any size or length to order.

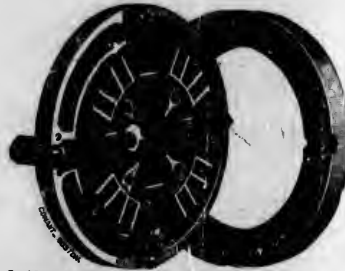
Length of Shank.	Taper.
2 in.	1/20 by 1/20
3 in.	1/20 by 1/20

**WESTCOTT'S PATENT  
GEARED COMBINATION LATHE CHUCK**

Independent, Universal, Eccentric. Jaws reversible. Made with either three or four jaws.



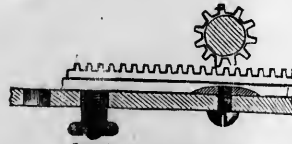
Front view of 1 1/2 inch Lathe Chuck, showing the manner of reversing the jaws.



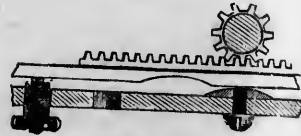
Inside view of 1 1/2 inch Four Jaw Chuck, showing the Screws and Pinions, the Nut under the Jaw, and the Gear which is loose in the Back Shell.



Back view, showing Shifting Stud and Nut. Also Recess for Face Plate.



Out of Gear—Independent.



In Gear—Universal.

The jaws are of steel, carefully hardened and ground. The gears, pinions, screws, and keys are all made of tough steel of the best quality. The jaws in 30 inch and 36 inch are not made to reverse unless so ordered.

**POINTS OF SUPERIORITY.**

	STRONGEST GRIP.	GREATEST CAPACITY.	GREATEST DURABILITY.		MOST PERFECT ADJUSTMENT.					
			CHEAPNESS AND ACCURACY.							
Diameter, inch.....	5	7 1-2	10 1-8	13	15 1-4	18	21	24	30	36
Capacity.....	5	7 1-2	10 3-8	13 1-8	17	19 3-4	25 1-2	28	32 1-2	40
Diameter of recess for face plate, inch.....	3	3 1-2	5 1-2	6 1-2	7 1-2	8	8	10		
Three jaws..... Each	\$24.00	26 00	34.00	44.00	52.00	62.00	80.00	100.00	170	30.00
Four jaws..... Each	32.00		42.00	56.00	64.00	75.00	95.00	120.00	200.00	285.00



**Lathe Dogs**

With Hardened Steel Screws.

Inch.....	1-2	3-4	1	1 1-4	1 1-2	1 3-4
Each.....	\$0.55	.70	.85	.95	1.10	1.30
Inch.....	2	2 1-2	3	3 1-2	4	
Each.....	\$1.50	1 75	1.60	2.50	2.75	

The following extras:  
Bolts with Hexagon  
If both Hexagon  
Joint Bolts and B...



Bolts with Hexagon  
If both Hexagon Head

Le  
I  
  
4  
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**CARRIAGE BOLTS**  
Manufacturers' List, Adopted May 1st, 1895

PRICE PER HUNDRED.

Length	3-16 & 1-4	5-16	3-8	7-16	1-2	9-16 & 5-8	3-4
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504a

WOOD, VALLANCE & CO.

**Machine Bolts, with Square Heads and Square Nuts**  
Adopted January, 1900

PRICE PER HUNDRED

Length in Inches	1/4	5/16	3/8	7/16	1/2	9/16 & 5/8	3/4	7/8	1
1 1/2	\$1 70								
2	1 78	\$2 00	\$2 40	\$2 80	\$3 60				
2 1/2	1 86	2 12	2 56	3 00	3 86	\$5 20			
3	1 94	2 24	2 72	3 20	4 12	5 58	\$7 20	\$10 50	\$15 10
3 1/2	2 02	2 36	2 88	3 40	4 38	5 96	8 20	11 20	16 00
4	2 10	2 48	3 04	3 60	4 64	6 34	9 20	12 60	18 70
4 1/2	2 18	2 60	3 20	3 80	4 90	6 72	9 70	14 00	21 40
5	2 26	2 72	3 36	4 00	5 16	7 10	10 20	15 40	23 20
5 1/2	2 34	2 84	3 52	4 20	5 42	7 48	10 70	16 80	25 00
6	2 42	2 96	3 68	4 40	5 68	7 86	11 20	18 20	26 80
6 1/2	2 50	3 08	3 84	4 60	5 94	8 24	11 70	19 60	28 60
7	2 58	3 20	4 00	4 80	6 20	8 62	12 20	21 00	30 40
7 1/2	2 66	3 32	4 16	5 00	6 46	9 00	12 70	22 40	32 20
8	2 74	3 44	4 32	5 20	6 72	9 38	13 20	23 80	34 00
9	2 90	3 56	4 48	5 40	6 98	10 14	13 70	25 20	35 80
10	3 06	3 80	4 80	5 60	7 24	10 90	14 20	26 60	37 60
11	3 22	4 04	5 12	5 80	7 50	11 66	14 70	28 00	39 40
12	3 38	4 28	5 44	6 00	8 02	12 42	15 20	29 40	41 20
13	.....	4 52	5 76	6 20	8 54	13 18	15 70	30 80	43 00
14	.....	.....	6 08	6 40	9 06	13 84	16 20	32 20	44 80
15	.....	.....	6 40	6 72	9 58	14 50	16 70	33 60	46 60
16	.....	.....	6 72	7 04	10 10	15 16	17 20	35 00	48 40
17	.....	.....	7 04	7 36	10 62	15 82	17 70	36 40	.....
18	.....	.....	7 36	7 68	11 14	16 48	18 20	.....	.....
19	.....	.....	7 68	8 00	11 66	17 14	18 70	.....	.....
20	.....	.....	8 00	8 32	12 18	17 80	19 20	.....	.....

The following extras are to be understood as a part of the Machine Bolt List:—  
Bolts with Hexagon Heads or Hexagon Nuts, 10% extra.  
If both Hexagon Heads and Hexagon Nuts, 20% extra.  
Joint Bolts and Bolts with Tee Heads, 10% extra.

Cancel Machine Bolt List on Page 505



11	0.72	1.10	1.48	1.86	2.24	2.62	3.00	3.38	3.76
12	3.88	4.26	4.64	5.02	5.40	5.78	6.16	6.54	6.92
13	3.84	4.30	4.92	5.54	6.16	6.78	7.40	8.02	8.64
14	3.70	4.60	5.16	5.84	6.48	7.12	7.76	8.40	9.04
15	3.86	4.70	5.40	6.04	6.80	7.56	8.32	9.08	9.84
16	4.02	4.90	5.64	6.38	7.12	7.86	8.60	9.34	10.08
17	4.18	5.10	5.92	6.74	7.56	8.38	9.20	10.02	10.84
18	4.34	5.30	6.36	7.42	8.48	9.54	10.60	11.66	12.72
19	4.50	5.50	6.60	7.70	8.80	9.90	11.00	12.10	13.20
20	4.66	5.70	6.84	7.98	9.12	10.26	11.40	12.54	13.68

Bolts with Hexagon or Tee Heads or Hexagon Nuts, 10 per cent. extra.  
If both Hexagon Heads and Hexagon Nuts, 20 per cent. extra.

**WESTCOTT'S PATENT  
GEARED COMBINATION LATHE CHUCK**

Independent, Universal, Eccentric. Jaws reversible. Made with either three or four jaws.



**Lathe Dogs**

With Hardened Steel Screws.

Inch.....	1-2	3-4	1	1 1/4	1 1/2	1 3/4
Each.....	\$0.55	.70	.85	.95	1.10	1.30
Inch.....	2	2 1/2	3	3 1/2	4	
Each.....	\$1.50	1.75	1.90	2.50	2.75	

Bolts with Hex  
If both Hexago

**CARRIAGE BOLTS**  
Manufacturers' List, Adopted May 1st, 1895  
PRICE PER HUNDRED.



Length	3-16 & 1-4	5-16	3-8	7-16	1-2	9-16 & 5-8	3-4
1 1/4	\$1.00	\$1.20	\$1.50	\$2.20	\$3.00	\$5.00	\$7.20
1 1/2	1.04	1.25	1.50	2.20	3.00	5.00	7.20
1 3/4	1.08	1.30	1.50	2.20	3.00	5.00	7.20
2	1.12	1.35	1.57	2.28	3.00	5.00	7.20
2 1/4	1.16	1.40	1.71	2.36	3.00	5.00	7.20
2 1/2	1.20	1.45	1.85	2.44	3.00	5.00	7.20
2 3/4	1.24	1.50	1.99	2.52	3.00	5.00	7.20
3	1.28	1.55	2.13	2.60	3.10	5.15	7.40
3 1/4	1.32	1.60	2.27	2.68	3.20	5.30	7.60
3 1/2	1.36	1.65	2.41	2.76	3.30	5.45	7.80
3 3/4	1.40	1.70	2.55	2.84	3.40	5.60	8.00
4	1.44	1.75	2.69	2.92	3.50	5.75	8.20
4 1/4	1.48	1.80	2.83	3.00	3.60	5.90	8.40
4 1/2	1.52	1.85	2.97	3.08	3.70	6.05	8.60
4 3/4	1.56	1.90	3.11	3.16	3.80	6.20	8.80
5	1.64	2.00	3.25	3.24	3.90	6.35	9.00
5 1/4	1.72	2.10	3.39	3.32	4.00	6.50	9.20
5 1/2	1.80	2.20	3.53	3.40	4.10	6.65	9.40
5 3/4	1.88	2.30	3.67	3.48	4.20	6.80	9.60
6	1.96	2.40	3.81	3.56	4.30	6.95	9.80
6 1/4	2.04	2.50	3.95	3.64	4.40	7.10	10.00
6 1/2	2.12	2.60	4.09	3.72	4.50	7.25	10.20
6 3/4	2.20	2.70	4.23	3.80	4.60	7.40	10.40
7	2.28	2.80	4.37	3.88	4.70	7.55	10.60
7 1/4	2.36	2.90	4.51	3.96	4.80	7.70	10.80
7 1/2	2.44	3.00	4.65	4.04	4.90	7.85	11.00
7 3/4	2.52	3.10	4.79	4.12	5.00	8.00	11.20
8	2.60	3.20	4.93	4.20	5.10	8.15	11.40
8 1/4	2.68	3.30	5.07	4.28	5.20	8.30	11.60
8 1/2	2.76	3.40	5.21	4.36	5.30	8.45	11.80
8 3/4	2.84	3.50	5.35	4.44	5.40	8.60	12.00
9	3.00	3.70	5.49	4.52	5.50	8.75	12.20
9 1/4	3.16	3.90	5.63	4.60	5.60	8.90	12.40
9 1/2	3.32	4.10	5.77	4.68	5.70	9.05	12.60
9 3/4	3.48	4.30	5.91	4.76	5.80	9.20	12.80
10	3.64	4.50	6.05	4.84	5.90	9.35	13.00
11	3.80	4.70	6.19	4.92	6.00	9.50	13.20
12	3.96	4.90	6.33	5.00	6.10	9.65	13.40
13	4.12	5.10	6.47	5.08	6.20	9.80	13.60
14	4.28	5.30	6.61	5.16	6.30	9.95	13.80
15	4.44	5.50	6.75	5.24	6.40	10.10	14.00
16	4.60	5.70	6.89	5.32	6.50	10.25	14.20
17	4.76	5.90	7.03	5.40	6.60	10.40	14.40
18	4.92	6.10	7.17	5.48	6.70	10.55	14.60
19	5.08	6.30	7.31	5.56	6.80	10.70	14.80
20	5.24	6.50	7.45	5.64	6.90	10.85	15.00

**Machine Bolts, with Square Heads and Nuts**  
Manufacturers' List, Adopted May 1st, 1895  
PRICE PER HUNDRED.



Length	1-4	5-16	3-8	7-16	1-2	9-16 & 5-8	3-4	7-8	1
1 1/4	\$1.70	\$2.00	\$2.40	\$2.80	\$3.60	\$5.20	\$7.20	\$10.00	\$14.40
1 1/2	1.78	2.10	2.52	2.96	3.80	5.60	7.64	10.60	15.20
1 3/4	1.86	2.20	2.64	3.12	4.00	5.80	8.08	11.20	16.00
2	1.94	2.30	2.76	3.28	4.20	6.10	8.52	11.80	16.80
2 1/4	2.02	2.40	2.88	3.44	4.40	6.40	8.96	12.40	17.60
2 1/2	2.10	2.50	3.00	3.60	4.60	6.70	9.40	13.00	18.40
2 3/4	2.18	2.60	3.12	3.76	4.80	7.00	9.84	13.60	19.20
3	2.26	2.70	3.24	3.92	5.00	7.30	10.28	14.20	20.00
3 1/4	2.34	2.80	3.36	4.08	5.20	7.60	10.72	14.80	20.80
3 1/2	2.42	2.90	3.48	4.24	5.40	7.90	11.16	15.40	21.60
3 3/4	2.50	3.00	3.60	4.40	5.60	8.20	11.60	16.00	22.40
4	2.58	3.10	3.72	4.56	5.80	8.50	12.04	16.60	23.20
4 1/4	2.66	3.20	3.84	4.72	6.00	8.80	12.48	17.20	24.00
4 1/2	2.74	3.30	3.96	4.88	6.20	9.10	12.92	17.80	24.80
4 3/4	2.82	3.40	4.08	5.04	6.40	9.40	13.36	18.40	25.60
5	2.90	3.50	4.20	5.20	6.60	9.70	13.80	19.00	26.40
5 1/4	3.06	3.70	4.44	5.52	7.00	10.30	14.68	20.20	28.00
5 1/2	3.14	3.80	4.56	5.68	7.20	10.60	15.12	20.80	28.80
5 3/4	3.22	3.90	4.68	5.84	7.40	10.90	15.56	21.40	29.60
6	3.38	4.10	4.92	6.16	7.80	11.50	16.44	22.60	31.20
6 1/4	3.54	4.30	5.16	6.48	8.20	12.10	17.32	23.80	32.80
6 1/2	3.70	4.50	5.40	6.80	8.60	12.70	18.20	25.00	34.40
6 3/4	3.86	4.70	5.64	7.12	9.00	13.30	19.08	26.20	36.00
7	4.02	4.90	5.88	7.44	9.40	13.90	19.96	27.40	37.60
7 1/4	4.18	5.10	6.12	7.76	9.80	14.50	20.84	28.60	39.20
7 1/2	4.34	5.30	6.36	8.08	10.20	15.10	21.72	29.80	40.80
7 3/4	4.50	5.50	6.60	8.40	10.60	15.70	22.60	31.00	42.40
8	4.66	5.70	6.84	8.72	11.00	16.30	23.48	32.20	44.00

Bolts with Hexagon or Tee Heads or Hexagon Nuts, 10 per cent. extra.  
If both Hexagon Heads and Hexagon Nuts, 20 per cent. extra.

**COACH AND LAG SCREWS**

Manufacturers' List, Adopted May 1st, 1895.

PRICE PER HUNDRED.

LENGTH.	1-1 & 5-16	3-8	7-16	1-2	9-16 & 5-8	3-4	7-8	1
1 1/2	\$2 25	\$2 70	\$3 15	\$3 75				
2	2 40	2 88	3 30	4 05	\$4 95			
2 1/2	2 55	3 06	3 63	4 35	5 40	\$7 92		
3	2 70	3 24	3 87	4 65	5 85	8 58	\$12 50	
3 1/2	2 85	3 42	4 11	4 95	6 30	9 24	13 20	\$18 60
4	3 00	3 60	4 35	5 25	6 75	9 90	14 10	19 80
4 1/2	3 15	3 78	4 59	5 55	7 20	10 56	15 00	21 00
5	3 30	3 96	4 83	5 85	7 65	11 22	15 90	22 20
5 1/2	3 45	4 14	5 07	6 15	8 10	11 88	16 80	23 40
6	3 60	4 32	5 31	6 45	8 55	12 54	17 70	24 60
6 1/2	3 75	4 50	5 55	6 75	9 00	13 20	18 60	25 80
7	3 90	4 68	5 79	7 05	9 45	13 86	19 50	27 00
7 1/2	4 05	4 86	6 03	7 35	10 30	14 52	20 40	28 20
8	4 20	5 04	6 27	7 65	10 35	15 18	21 30	29 40
9	4 40	5 40	6 75	8 25	11 25	16 50	23 10	31 80
10	4 80	5 76	7 23	8 85	12 15	17 82	24 90	34 20
11	5 10	6 12	7 71	9 45	13 05	19 14	26 70	36 60
12	5 40	6 48	8 19	10 05	13 95	20 46	28 50	39 00

Hexagon Head, 10 per cent. extra.

**Tire Bolts**  
Manufacturers' List.

PRICE PER HUNDRED.

INCHES.	3-10	1-4	5-10	3-8
1	\$ 60	\$ 80	\$1 10	\$2 20
1 1/4	60	80	1 10	2 20
1 1/2	60	80	1 10	2 20
1 3/4	65	85	1 10	2 20
2	70	90	1 17	2 20
2 1/4	75	95	1 24	2 30
2 1/2	80	1 00	1 31	2 40
2 3/4	85	1 05	1 38	2 50
3	90	1 10	1 45	2 60
3 1/4	.....	1 15	1 52	2 70
3 1/2	.....	1 20	1 59	2 80
3 3/4	.....	1 25	1 66	2 90
4	.....	1 30	1 73	3 00

**Flat Head Stove Bolts.**

PRICE PER HUNDRED.

INCHES.	3-10	7-32	1-4	5-10	3-8
1-2	\$ 60	\$ 62	\$ 65		
5-8	60	62	65		
3-4	60	62	65	\$1 05	\$2 20
7-8	65	67	70	1 10	2 20
1	65	67	70	1 10	2 20
1 1/4	70	72	75	1 15	2 20
1 1/2	75	77	80	1 20	2 20
1 3/4	80	82	85	1 25	2 30
2	85	87	90	1 30	2 20
2 1/4	90	92	95	1 35	2 30
2 1/2	95	97	1 00	1 40	2 40
2 3/4	1 00	1 02	1 05	1 45	2 50
3	1 05	1 07	1 10	1 50	2 60



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Coach and Lag Screws, with Square Heads

PRICE PER HUNDRED

Adopted January, 1900

Length in Inches.	5 16	3 8	7 16	1 2	9 16 and 5 8	3 4	7 8	1
1 1/2	\$2 25	\$2 70	\$3 15	\$3 75	.....	.....	.....	.....
2	4 45	2 96	3 47	4 11	5 09	.....	.....	.....
2 1/2	4 85	3 22	3 79	4 47	5 50	.....	.....	.....
3	4 85	3 48	4 11	4 84	6 00	87 90	.....	.....
3 1/2	3 05	3 74	4 43	5 19	6 50	8 60	\$12 50	.....
4	3 25	4 00	4 75	5 55	7 00	9 30	13 50	\$18 20
4 1/2	3 45	4 20	5 07	5 91	7 50	10 00	15 50	20 80
5	3 65	4 52	5 39	6 27	8 00	11 40	17 50	22 10
5 1/2	3 85	4 78	5 74	6 64	8 50	12 10	19 50	24 70
6	4 05	5 01	6 03	6 99	9 00	12 80	21 50	26 00
6 1/2	.....	.....	6 35	7 35	9 50	14 50	23 40	28 60
7	.....	.....	6 67	7 74	10 00	14 20	25 50	30 50
7 1/2	.....	.....	6 99	8 07	10 50	14 90	27 30	32 50
8	.....	.....	7 11	8 43	11 00	15 00	29 90	34 50
9	.....	.....	7 5	9 15	12 00	17 00	31 10	37 70
10	.....	.....	8 37	10 59	14 00	18 40	33 50	40 30
11	.....	.....	9 87	11 31	15 00	21 20	35 50	.....
12	.....	.....	10 59	12 10	.....	28 50	.....	.....
.....	.....	.....	11 31	15 00	.....	30 50	.....	.....

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The following e... be understood as a part of this List ---  
 Hexagon Heads, ... extra Skein Screws, List Price same as Lag Screws.

Tire Bolts

Common List

PRICE PER HUNDRED

Length in Inches.	1 8 & 3 16	1 4	5 16	3 8
1	\$0 60	\$0 95	.....	.....
1 1/2	60	95	.....	.....
1 3/4	60	95	\$1 40	\$2 20
2	65	1 00	1 40	2 20
2 1/2	70	1 05	1 47	2 20
2 3/4	75	1 10	1 54	2 20
3	80	1 15	1 61	2 30
3 1/2	85	1 20	1 68	2 40
3 3/4	90	1 25	1 75	2 50
4	95	1 30	1 82	2 60
4 1/2	1 00	1 35	1 89	2 70
4 3/4	.....	1 40	1 96	2 80
5	.....	1 45	2 03	2 90
.....	.....	.....	.....	3 00

Flat Head Stove Bolts

Adopted January, 1900

PRICE PER HUNDRED

Length in Inches.	3 16	7 32	1 4	5 16	3 8
1/2	\$0 75	\$0 90	\$0 90	.....	.....
5/8	0 75	0 90	0 90	.....	.....
3/4	0 75	0 90	0 90	.....	.....
7/8	0 80	0 95	0 95	\$1 30	\$2 50
1	0 80	0 95	0 95	1 35	2 55
1 1/2	0 85	1 00	0 95	1 40	2 60
1 3/4	0 85	1 00	1 00	1 45	2 65
1 5/8	0 90	1 05	1 00	1 50	2 70
2	0 90	1 05	1 05	1 60	2 80
2 1/2	0 95	1 10	1 05	1 70	2 90
2 3/4	1 00	1 15	1 10	1 80	3 00
3	1 05	1 20	1 15	1 90	3 10
3 1/2	1 10	1 25	1 20	2 00	3 20
3 3/4	1 15	1 30	1 25	2 10	3 30
4	1 20	1 35	1 30	2 20	3 40
.....	.....	.....	.....	2 30	3 50





**ROUND HEAD STOVE BOLTS**

Adopted January, 1900

PRICE PER HUNDRED

Length in Inches.	3/16	7/32	1/4	5/16	3/8
1/2	\$0 85	\$1 00	\$1 00		
5/8	0 85	1 00	1 00		
3/4	0 85	1 00	1 00	\$1 55	\$2 65
7/8	0 90	1 05	1 05	1 60	2 70
1	0 90	1 05	1 05	1 65	2 75
1 1/8	0 95	1 10	1 10	1 70	2 80
1 1/4	0 95	1 10	1 10	1 75	2 85
1 1/2	1 00	1 15	1 15	1 80	2 90
1 3/4	1 00	1 15	1 15	1 85	2 95
2	1 05	1 20	1 20	1 95	3 05
2 1/4	1 10	1 25	1 25	2 05	3 20
2 1/2	1 15	1 30	1 30	2 15	3 35
2 3/4	1 20	1 35	1 35	2 25	3 50
3	1 25	1 40	1 40	2 35	3 65
3	1 30	1 45	1 45	2 45	3 80

**Elevator Bolts**

For Bolting Buckets to Grain Elevators.

Adopted January, 1900


PRICE PER HUNDRED

3/16 AND 1/4 INCH.						5/16 INCH.					
3/4 inch.	-	-	-	-	\$2 20	1 Inch.	-	-	-	-	\$3 00
1	-	-	-	-	2 30	1 1/4 "	-	-	-	-	3 20
1 1/4 "	-	-	-	-	2 40	1 1/2 "	-	-	-	-	3 30
1 1/2 "	-	-	-	-	2 50	1 3/4 "	-	-	-	-	3 40

**Cancel Round Head Stove Bolt and Elevator Bolt Lists on Page 507**

ROUND HEAD STOVE BOLTS

PRICE PER HUNDRED.




LENGTH INCHES	3-16	1-4	5-16	SINK BOLTS WITH 2 NUTS.	
				Length, Inches.	1-4
1-2	\$0.85	\$0.95	.....	1	\$1.30
5-8	.85	.95	.....	1 1-4	1.35
3-4	.85	.95	.....	1 1-2	1.40
7-8	.90	1.00	\$1.35	1 3-4	1.45
1	.90	1.00	1.40	2	1.45
1 1-4	.95	1.05	1.45	2 1-4	1.50
1 1-2	1.00	1.10	1.55	2 1-2	1.55
1 3-4	1.05	1.15	1.65	2 3-4	1.60
2	1.10	1.20	1.70	3	1.65
2 1-4	1.15	1.25	1.75	3 1-2	1.70
2 1-2	1.20	1.30	1.80	4	1.80
2 3-4	1.25	1.35	1.90		1.90
3	1.30	1.40	1.95		.....

SLEIGH SHOE BOLTS

List Adopted by the Bolt and Nut Manufacturers' Association, Sept. 2nd, 1889.

PRICE PER HUNDRED.




LENGTH. Inch.	1-4	5-16	3-8	7-16	1-2
1 1-4	\$1.90				
1 1-2	2.00	\$2.70			
1 3-4	2.15	2.85			
2	2.25	3.05	\$5.00	\$7.40	\$9.00
2 1-2	2.50	3.35	5.40	7.80	9.50
3	2.75	3.65	5.80	8.20	10.00
3 1-2	3.00	3.95	6.20	8.60	10.50
4	3.25	4.25	6.60	9.00	11.00
4 1-2		4.55	7.00	9.40	11.50
5		4.90	7.40	9.80	12.00
5 1-2		5.20	7.80	10.20	12.50
6		5.55	8.20	10.60	13.00
6 1-2		5.85	8.60	11.00	13.50
7		6.20	9.00	11.40	14.00
7 1-2		6.50	9.40	11.80	14.50
8		6.85	9.80	12.20	15.00

Elevator Bolts

For Bolting Buckets to Grain Elevators.



WROUGHT IRON.



3-16 AND 1-4 INCH.		5-16 INCH.	
3-4 inch	\$2.20 per 100	1 inch	\$3.00 per 100
1 "	2.20 "	1 1-4 "	3.00 "

Step and Shaft Bolts

PRICE PER HUNDRED.

LENGTH.	1-4	5-16
1 Inch	\$3.00	\$4.00
1 1-4 "	3.10	4.00
1 1-2 "	3.20	4.00
1 3-4 "	3.30	4.00
2 "	3.40	4.10
2 1-4 "	3.50	4.20
2 1-2 "	3.60	4.40
2 3-4 "	3.70	4.50
3 1-2 "	4.00	4.70
2 "	4.20	5.00
		5.80

Shaft Bolt.

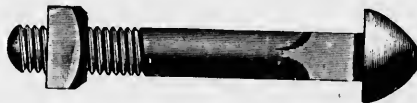
Step Bolt.

*LL - TL  
April 1900*

*AL 28*

*2200  
500*

SPRING BAR BOLTS



Polished Heads.

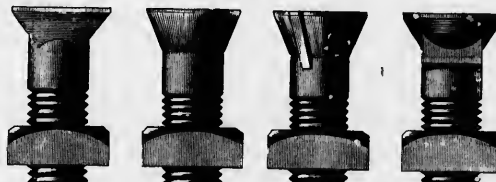
Per dozen .....  $1\frac{1}{2} \times 2\ 1\text{-}2$   $5\text{-}16 \times 2\ 1\text{-}2$  \$0.60 .60

Plated Heads.

Per dozen .....  $1\frac{1}{2} \times 2\ 1\text{-}2$   $5\text{-}16 \times 2\ 1\text{-}2$  .90 .90

*Apr 1904*  
 2

Plow Bolts



No. 4.      No. 2.      No. 1.      No. 3.  
 Square Head.      Round Head.      Key Head.      Short Square.

In ordering Plow Bolts, please state what style heads are desired, and whether right or left hand threads.

PRICE PER HUNDRED.

LENGTH.	5-16 Inch.	3-8 Inch.	7-16 Inch.	1-2 Inch.	6-16 Inch.	5-8 Inch.
1 1-4 inch.....	1.70	2.00	2.80	3.50	4.50	5.70
1 1-2 ".....	1.80	2.10	2.75	3.70	4.75	6.00
1 3-4 ".....	1.90	2.20	2.90	3.90	5.00	6.30
2 ".....	2.00	2.30	3.05	4.10	5.25	6.60
2 1-4 ".....	2.10	2.40	3.20	4.30	5.50	7.20
2 1-2 ".....	2.20	2.50	3.35	4.50	5.75	7.20
2 3-4 ".....	2.30	2.60	3.50	4.70	6.00	7.40
3 ".....	2.40	2.70	3.55	4.90	6.25	7.80
3 1-4 ".....	2.50	2.80	3.80	5.10	6.50	8.10
3 1-2 ".....	2.60	2.90	3.95	5.30	6.75	8.40
3 3-4 ".....	2.70	3.00	4.10	5.60	7.00	8.70
4 ".....	2.80	3.10	4.25	5.70	7.25	9.00
4 1-4 ".....	2.90	3.20	4.40	5.90	7.50	9.30
4 1-2 ".....	3.00	3.30	4.55	6.10	7.75	9.60
4 3-4 ".....	3.10	3.40	4.70	6.30	8.00	9.90
5 ".....	3.20	3.50	4.85	6.50	8.25	10.20
5 1-4 ".....	3.30	3.60	5.00	6.70	8.50	10.50
5 1-2 ".....	3.40	3.70	5.15	6.90	8.75	10.80
5 3-4 ".....	3.50	3.80	5.30	7.10	9.00	11.10
6 ".....	3.60	3.90	5.45	7.30	9.25	11.40

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**NUTS**

CANADIAN MANUFACTURERS' STANDARD LIST.

**Hot Pressed and Forged Square Nuts**

**Hot Pressed Hexagon Nuts**

Adopted January 11th, 1900.

Order Number	Size Square	Thick-ness	Diameter Hole	Size of Bolt	Price per Pound	Average No. in 100 lbs.	Order Number	Short Diameter	Thick-ness	Diameter Hole	Size of Bolt	Price per Pound	Average No. per 100 lbs.
1	1 2	1/4	7/32	1/4	13 Cents	7500	27	1 2	1/4	7/32	1/4	20 Cents	8900
2	5/8	5/16	9/32	5/16	11.5 "	3500	28	5/8	5/16	9/32	5/16	16 "	4300
3	3/4	3/8	11/32	3/8	10.0 "	2100	29	3/4	3/8	11/32	3/8	13 "	2600
4	7/8	7/16	25/64	7/16	9.2 "	1400	30	7/8	7/16	25/64	7/16	11.4 "	1600
5	7/8	1/2	7/16	1/2	9.0 "	1320	31	7/8	1/2	7/16	1/2	11.2 "	1450
6	1	9/16	7/16	1	8.7 "	900	32	1	1/2	7/16	1/2	10.5 "	1000
7	1 1/8	5/8	1/2	9/16	8.6 "	590	33	1 1/8	9/16	7/16	1/2	10.4 "	800
8	1 1/8	5/8	9/16	5/8	8.5 "	450	34	1 1/8	5/8	9/16	5/8	10.4 "	650
9	1 1/4	3/4	21/32	3/4	8.5 "	380	35	1 1/4	5/8	9/16	5/8	10.1 "	550
10	1 1/4	3/4	21/32	3/4	8.4 "	325	36	1 1/4	3/4	21/32	3/4	10.1 "	500
11	1 3/8	3/4	21/32	3/4	8.4 "	265	37	1 3/8	3/4	21/32	3/4	9.9 "	400
12	1 1/2	7/8	25/32	7/8	8.3 "	190	38	1 1/2	7/8	25/32	7/8	9.8 "	300
13	1 5/8	7/8	25/32	7/8	8.3 "	160	39	1 5/8	7/8	25/32	7/8	9.8 "	270
14	1 3/4	7/8	25/32	7/8	8.3 "	145	40	1 3/4	7/8	25/32	7/8	9.8 "	240
15	1 3/4	1	7/8	1	8.2 "	110	41	1 3/4	1	7/8	1	9.7 "	210
16	2	1 1/8	15/16	1 1/8	8.2 "	100	42	2	1 1/8	15/16	1 1/8	9.7 "	180
17	2	1 1/8	15/16	1 1/8	8.2 "	80	43	2	1 1/8	15/16	1 1/8	9.7 "	160
18	2 1/4	1 1/4	1 1/16	1 1/4	8.1 "	75	44	2 1/4	1 1/4	1 1/16	1 1/4	9.8 "	105
19	2 1/4	1 1/4	1 1/16	1 1/4	8.1 "	55	45	2 1/4	1 1/4	1 1/16	1 1/4	9.8 "	80
20	2 1/2	1 1/2	1 3/16	1 1/2	8.1 "	42	46	2 1/2	1 1/2	1 3/16	1 1/2	9.8 "	60
21	2 3/4	1 3/8	1 5/16	1 3/8	8.1 "	33	47	2 3/4	1 3/8	1 5/16	1 3/8	10.2 "	45
22	3	1 1/2	1 7/16	1 1/2	8.0 "	26	48	3	1 1/2	1 7/16	1 1/2	10.4 "	36
23	3 1/4	1 5/8	1 9/16	1 3/4	9.3 "	22	49	3 1/4	1 5/8	1 9/16	1 3/4	10.7 "	29
24	3 1/2	1 3/4	1 11/16	1 7/8	9.4 "	20	50	3 1/2	1 3/4	1 11/16	1 7/8	10.9 "	23
25	3 3/4	1 7/8	1 11/16	1 7/8	9.4 "	15	51	3 3/4	1 7/8	1 11/16	1 7/8	11.1 "	24
26	4	2	1 13/16	2	9.6 "			4	2	1 13/16	2		

Any sizes not enumerated on above list will be charged extra at our discretion.

or left hand threads.

**Wrought Iron Washers**

Canadian Manufacturers' List. Adopted February 1st, 1900

IN 50 LB. BOXES

Size of Hole in Inches.	Diameter.	Thickness Gauge.	Price per 100 lbs.	Average Number in 100 lbs.	Size of Hole in Inches.	Diameter.	Thickness Gauge.	Price per 100 lbs.	Average Number in 100 lbs.
3/16	7/16	No. 18	\$20 00	50,000	1	2 1/4	No. 9	\$ 8 50	750
1/4	9/16	" 18	18 00	39,700	1 1/16	2 1/2	" 9	8 50	625
5/16	3/4	" 16	15 00	13,900	1 1/8	2 1/2	" 9	8 50	375
3/8	7/8	" 16	13 00	11,250	1 1/4	2 3/4	" 9	8 50	520
7/16	1	" 14	10 50	6,800	1 5/16	2 3/4	" 9	8 50	470
1/2	1 1/4	" 13	10 00	4,300	1 3/8	3	" 9	8 50	400
9/16	1 3/8	" 12	9 00	2,600	1 7/16	3	" 9	8 50	350
5/8	1 1/2	" 12	9 00	2,250	1 1/2	3 1/4	" 8	9 00	300
11/16	1 3/4	" 10	8 50	1,300	1 5/8	3 1/2	" 8	9 00	260
3/4	1 3/4	" 10	8 50	1,150	1 3/4	3 3/4	" 8	9 00	230
13/16	2	" 10	8 50	1,010	1 7/8	4	" 8	9 00	215
7/8	2	" 9	8 50	910	2	4 1/4	" 8	9 00	190
15/16	2 1/4	" 9	8 50	860					

For 25 lb. Boxes, half cent per lb. extra, net.  
For under 25 lbs., one cent per lb. extra, net.

Cancel Lists on Page 509

Heads.

5-16 x 2 1-2  
.90

re.

0-18 Inch.

5-8 Inch

4.50	5.70
4.75	6.00
5.00	6.30
5.25	6.60
5.50	6.90
5.75	7.20
6.00	7.50
6.25	7.80
6.50	8.10
6.75	8.40
7.00	8.70
7.25	9.00
7.50	9.30
7.75	9.60
8.00	9.90
8.25	10.20
8.50	10.50
8.75	10.80
9.00	11.10
9.25	11.40

Hot

No.

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27

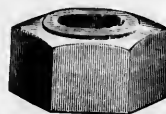
Size of Ho

3-16  
1-4  
1-4  
5-16  
5-16  
3-8  
7-16  
1-2  
9-16  
5-8  
11-16  
3-4 or 13-1



NUTS

MANUFACTURERS' STANDARD LIST.



Hot Pressed and Forged Square Nuts

Hot Pressed Hexagon Nuts

SQUARE							HEXAGON						
No.	Size Square	Thickness	Size Hole	Size of Bolt	Price per 100 lbs	Average No. in 100 lbs.	No.	Size	Thickness	Size Hole	Size of Bolt	Price per 100 lbs	Average No. in 100 lbs.
1	1-2	1-4	7-32	1-4	\$13.00	7500	28	1-2	1-4	7-32	1-4	\$20.00	8700
2	5-8	5-16	9-32	5-16	11.50	4000	28	5-8	5-16	9-32	5-16	16.00	4200
3	3-4	3-8	11-32	3-8	10.00	2200	30	3-4	3-8	11-32	3-8	13.00	2600
4	7-8	7-16	13-32	7-16	9.00	1400	31	7-8	7-16	13-32	7-16	11.20	1700
5	1-2	1-2	7-16	1-2	9.00	1350	32	1-2	1-2	7-16	1-2	11.20	1450
6	1-8	1-8	7-16	1-2	8.70	1000	33	1-8	1-2	7-16	1-2	10.50	1100
7	1-8	9-16	1-2	9-16	8.50	660	34	1-8	9-16	1-2	9-16	10.80	700
8	1-4	5-8	9-16	5-8	8.50	590	35	1-4	5-8	9-16	5-8	10.30	650
9	1-4	5-8	9-16	5-8	8.50	450	36	1-4	5-8	9-16	5-8	9.80	550
10	1-4	3-4	21-32	3-4	8.80	380	37	1-4	3-4	21-32	3-4	9.00	525
11	1-8	3-4	21-32	3-4	8.80	325	38	1-8	3-4	21-32	3-4	10.30	500
12	1-2	3-4	21-32	3-4	8.00	265	39	1-2	3-4	21-32	3-4	9.00	400
13	1-8	7-8	25-32	7-8	8.00	190	40	1-8	7-8	25-32	7-8	9.50	300
14	1-3-4	7-8	25-32	7-8	8.00	150	41	1-3-4	7-8	25-32	7-8	9.00	270
15	1-3-4	1	7-8	1	8.00	145	42	1-3-4	1	7-8	1	9.50	240
16	1-3-4	1-8	7-8	1	8.00	130	43	1-3-4	1-8	7-8	1	9.50	210
17	2	1	7-8	1	8.00	110	44	2	1	7-8	1	9.50	180
18	2	1-8	15-16	1-8	8.00	95	45	2	1-8	15-16	1-8	9.50	160
19	2-1-4	1-8	15-16	1-8	8.00	75	46	2-1-4	1-8	15-16	1-8	9.50	105
20	2-1-4	1-4	1-16	1-4	8.30	68	47	2-1-4	1-4	1-16	1-4	9.80	80
21	2-1-2	1-4	1-16	1-4	8.30	68	48	2-1-2	1-2	1-16	1-2	9.80	60
22	2-3-4	1-8	1-16	1-8	8.00	55	49	2-3-4	1-8	1-16	1-8	10.00	45
23	3	1-2	1-16	1-2	8.30	42	50	3	1-2	1-16	1-2	10.50	35
24	3-1-4	1-8	1-16	1-8	8.80	25	51	3-1-4	1-8	1-16	1-8	10.50	30
25	3-1-2	1-3-4	1-16	1-3-4	9.80	22	52	3-1-2	1-3-4	1-16	1-3-4	11.00	24
26	3-3-4	1-7-8	1-16	1-7-8	9.80	20	53	3-3-4	1-7-8	1-16	1-7-8	11.00	24
27	4	2	1-18-16	2	9.80	15		4	2	1-18-16	2	11.00	25

Sizes not enumerated above will be charged extra.  
 \* When ordering please give number in left hand column.

Wrought Iron Washers

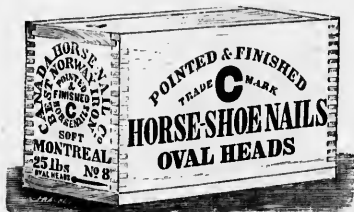
STANDARD LIST.

Size of Hole.	Diameter.	Gauge.	Price per Lb.	Size of Hole.	Diameter.	Gauge.	Price per Lb.
3-16	7-16	18	20 cents	7-8	2	9	8 cents
1-4	1-2	18	18 "	15-16	2 1-4	9	8 "
1-4	9-16	16	15 "	1	2 1-4	9	8 "
5-16	5-8	16	15 "	1 1-16	2 1-4 & 2 1-2	9	8 "
5-16	3-4	16	15 "	1 1-8	2 1-2	9	8 "
5-8	7-8	14	13 "	1 1-4	2 1-2 & 2 3-4	9	8 "
7-16	1	14	10 "	1 3-8	2 3-4 & 3	8	8 "
1-2	1 1-8 & 1 1-4	13	10 "	1 1-2	3 & 3 1-4	8	8 "
9-16	1 1-4 & 1 3-8	12	9 "	1 5-8	3 3-4	8	8 "
1-4	1 3-8 & 1 1-2	12	9 "	1 7-8	4	8	8 "
11-16	1 1-2 & 1 9-4	10	8 "	2	4 1-4	8	8 "
3-4 or 13-16	1 3-4 & 2	10	8 "	2 1-8	4 1-2	8	8 "

Packed in 50 lb. boxes.  
 For packages of 25 lbs. and less than 50 lbs., half cent per lb. extra, net.  
 For packages under 25 lbs., one cent per lb. extra, net.  
 Extra sizes or gauges ten per cent. advance.

HORSE NAILS

— "C" Brand.



P. B. Brand.



□ 1 9

Oval Head.



Short Oval Head.

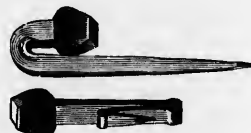
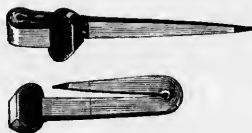


Countersunk Head.



Oval Heads always sent unless otherwise ordered.

Cuts of Sample Tests Showing Quality of Material Used



Every Nail uniform and perfect.

Nos.....	1	2	3	4	5	6	7	8
Per pound.....	\$1.50	1.00	.75	.50	.30	.27	.24	.23
Length, inch.....	1 1-2	1 5-8	1 3-4	1 7-8	2	2 1-8	2 1-4	2 3-8
Number, per pound.....	320	271	248	187	167	131	115	94
Nos.....	9	10	11	12	13	14	15	
Per pound.....	\$0.22	.22	.22	.22	.22	.22	.22	
Length, inch.....	2 1-2	2 5-8	2 3-4	2 7-8	3	3 1-8	3 1-4	
Number, per pound.....	91	76	72	65	64	61	60	

25 pounds in a box.

Light, me

Nos.....  
Per 100 lbs

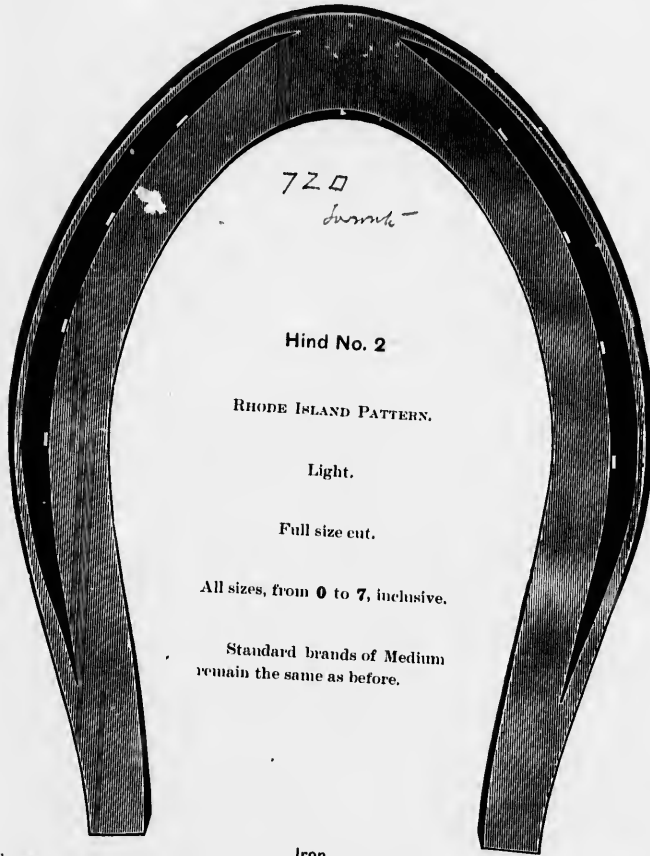
When  
wise order

Nos.....  
Front (om  
Number in  
Hind (om  
Number in

Nos.....  
Weight.....  
Number in



HORSE SHOES



B. Brand.



l Head.



7 8  
 .24 .23  
 2 1-4 2 3-8  
 115 94  
 14 15  
 .22 .22  
 3 1-8 3 1-4  
 61 60

Light, medium or heavy patterns ..... Iron.  
 Snow Shoes, 25 cents per 100 lbs. extra. Per 100 pounds \$.....

X.L. Steel Shoes.  
 Nos. .... 0 .. 1 .. 2 ..... 3 .. 4 .. 5 ..... Assorted 0 to 5  
 Per 100 lbs. .... \$ ..... 100 lbs. in a keg.

When ordering please say pattern required, also whether "all forward" or "all hind" are wanted. If not otherwise ordered we send assorted (half each fore and hind).

Approximate Weight of Shoes, in Ounces, and Number in 100 Lbs.

Nos.	LIGHT PATTERN.							MEDIUM PATTERN.							
	0	1	2	3	4	5	6	7	1	2	3	4	5	6	7
Front (ounces).....	12	14½	17½	21	25	29½	38	42	17	20	25	28	30	39	46
Number in keg.....	133	110	92	76	64	54	42	38	94	80	64	57	45	41	35
Hind (ounces).....	10	12	15	18	21	25	31	34	13	17	21	25	28	33	33
Number in keg.....	160	133	107	89	76	64	52	47	123	94	77	64	57	49	42

Nos.	X.L. Steel.				HIND.					
	FRONT.				0	1	2	3	4	5
Weight.....	10	12	14	17	8	9	10	12	15	19
Number in Keg.....	160	134	114	96	200	178	160	134	107	74

**STEEL TOE CALKS**

These Calks are made from extra grade of steel, specially selected for its welding and hardening properties.



No. 0.



No. 4.



No. 1.



No. 5.



No. 2.



No. 6.



No. 3.

Full size cuts

				Blunt					
Nos. ....	0	1	2	3	4	5	6	..... Per pound \$0.10	
				Sharp					
Nos. ....	0	1	2	3	4	5	6	..... Per pound \$0.12	

Twenty-five pounds in a box.

NOTE.—Unless otherwise ordered, SHARP Toe Calks will be supplied.

**PATENT BRASS TOE WEIGHTS**

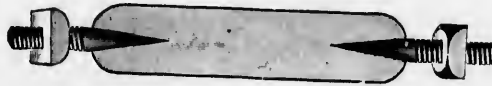
Weight, ounces .....	2	3	4	5	6
Per pair .....	\$1.00	1.05	1.15	1.20	1.30

No. ...  
Diameter  
Width  
Length  
Per doz

No. ....  
Diameter  
Width of  
Length of  
Per dozen

No. ....  
Diameter of  
Width of fl  
Length of fl  
Per dozen

**SUPERIOR AXLE CLIPS**



No.....	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
Diameter of shank, inch.....	5-16	5-16	5-16	5-16	5-16	5-16	5-16
Width of flat part, inch.....	7-8	7-8	7-8	7-8	7-8	7-8	7-8
Length of flat part, inch.....	2 3-4	3 1-4	3 3-4	4 1-4	4 3-4	5 1-4	6
Per dozen.....	\$0.70	.70	.75	.78	.97	1.20	1.50

Four dozen in a box.

**Norway Iron Spring Bar Clips**



No.....	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
Diameter of shank, inch.....	5-16	5-16	5-16	5-16	5-16	5-16	5-16
Width of flat part, inch.....	5-8	5-8	5-8	5-8	5-8	5-8	5-8
Length of flat part, inch.....	4 1-4	4 3-4	5 1-4	5 3-4	6 1-2	7	7 3-4
Per dozen.....	\$1.00	1.15	1.22	1.30	1.45	1.65	1.85

Four dozen in a box.

**Norway Iron Cutter Clips**



No.....	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>
Diameter of shank, inch.....	1-4	1-4	1-4	1-4
Width of flat part, inch.....	5-8	5-8	5-8	5-8
Length of flat part, inch.....	2	2 1-2	3	3 1-2
Per dozen.....	\$1.00	1.00	1.00	1.10

Four dozen in a box.

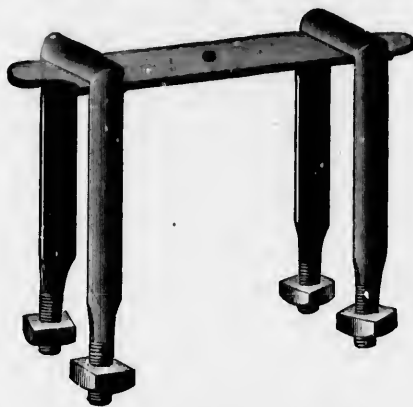
hardening properties.

..... Per pound \$0.10

..... Per pound \$0.12

**4**    **5**    **6**  
1.15    1.20    1.30

HALF ROUND BUGGY SADDLE CLIPS

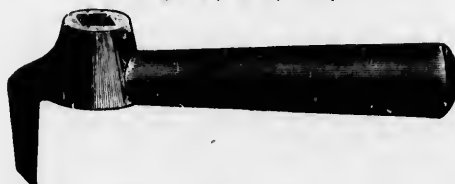


Clips are made from Norway Iron.

- No. 3—For 1 1-4 inch spring, flat part 2 inches long ..... Per dozen sets \$2.50
- No. 10—For 1 1-2 inch spring, flat part 3 3-4 inches long ..... Per dozen sets 2.50
- No. 11—For 1 1-2 inch spring, flat part 4 1-4 inches long ..... Per dozen sets 2.50

One dozen sets in a box.

Single Lip Body Loop



Made of the best Norway Iron.

- Norway Iron Body Loops ..... Per dozen \$1.50

Two dozen in a box.

Wrought Felloe Plates



- Wrought Felloe Plates for Felloes, 7-8, 1, 1 1-8, 1 1-4 ..... Per pound \$0.09  
5 lbs. in a box.



Japanned Carriage Knobs

- No. 75—Japanned Carriage Knobs ..... Per gross \$0.60

One gross in a box.

5-8 inch  
3-4 inch  
7-8 inch  
1 inch iron

Inch.....  
Per dozen

No. 1—For h  
No. 2—For o  
No. 3—For h  
No. 4—For e

DERBY FIFTH WHEELS



5-8 inch iron, 12 to 16 inch diameter, 7-8 to 1 1-4 inch axle .....	Each	\$0.90
3-4 inch iron, 12 to 16 inch diameter, 1, 1 1-8, 1 1-4, 1 3-8 inch axle .....	Each	1.05
7-8 inch iron, 14 to 18 inch diameter, 1 1-8, 1 1-4, 1 3-8, 1 1-2 inch axle .....	Each	1.95
1 inch iron .....	Each	2.75

In ordering, be particular to give outside diameter, size of iron and width of axle.

Finished Shaft Couplings



Made of the best Norway Iron.

1 inch .....	1 (light.)	.....	1	.....	1 1-8	.....	1 1-4
Per dozen pairs .....	\$6.00	.....	6.50	.....	8.00	.....	9.50

Half dozen pairs in a box.

Clip King Bolts



Finished.

No. 1—For light buggies, 1-2 inch at collar .....	Per dozen	\$4.00
No. 2—For ordinary buggies, 9-16 inch at collar .....	Per dozen	4.00
No. 3—For heavy wagons, 5-8 inch at collar .....	Per dozen	4.75
No. 4—For extra heavy wagons, 3-4 inch at collar .....	Per dozen	7.25

..... Per dozen sets \$2.50  
 ..... Per dozen sets 2.50  
 ..... Per dozen sets 2.50

..... Per dozen \$1.35

..... Per pound \$9.09

..... Per gross \$9.60

**ANTI-RATTLERS**



"Dandy" Anti-Rattlers, crucible steel.....	Per dozen pairs	\$1.20
Wire Anti-Rattlers .....	Per dozen pairs	.45
Rubber Anti-Rattlers, 1, 1 1-8, 1 1-4 inch .....	Per dozen pairs	.45

One dozen pairs in a box.

**Rubber Springs or Bumpers**



Rubber Bumpers, for 1 1-4, 1 1-2 inch springs .....	Per pound	\$0.33
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**Fiberoid Axle Washers**

**FOR NUT.**

Nos.....	<b>2</b>	<b>15</b>	<b>40</b>	<b>41</b>	<b>29</b>	<b>67</b>	<b>81</b>	<b>147</b>
Size of axle, inch .....	3-4	7-8	15-16	15-16	1	1 1-8	1 1-4	1 1-4
Inside measurement, inch .....	12-16	13-16	15-16	15-16	14-16	1 1-16	1 2-16	1 7-16
Outside measurement, inch.....	1 1-16	1 2-16	1 3-16	1 4-16	1 4-16	1 6-16	1 8-16	1 11-16
Per hundred .....	\$0.45	.45	.45	.45	.45	.55	.60	.75

**FOR COLLAR.**

Nos.....	<b>42</b>	<b>68</b>	<b>94</b>	<b>120</b>	<b>148</b>	<b>159</b>	<b>213</b>
Size of axle, inch .....	3-4	7-8	1	1 1-8	1 1-4	1 1-4	1 1-4
Inside measurement, inch .....	15-16	1 1-16	1 3-16	1 5-16	1 7-16	1 8-16	1 13-16
Outside measurement, inch .....	1 5-16	1 7-16	1 9-16	1 11-16	1 15-16	1 14-16	2 1-8
Per hundred .....	\$0.55	.55	.65	.65	.75	.75	.85

Half hundred in a box.

**Adjustable Leather Axle Washers**

Size of axle, inch .....	7-8	....	1	....	1 1-8	....	1 1-4
Per hundred.....	\$0.45	....	.45	....	.50	....	.60

One hundred in a box.

These Washers are made from best oak tanned stock, and can be cut to fit any nut or collar.

2 1-2 x  
2 3-4 x  
3 x 9 1  
3 1-4 x  
3 1-2 x  
3 1-2 x

Cherry F  
Cherry F

Refined F  
Refined F

Double Bell

WAGON SKEINS



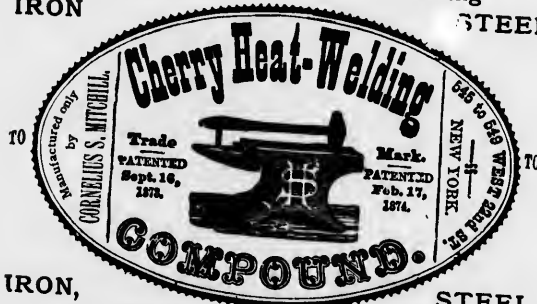
2 1/2 x 7 1/2 inches .....	Per set \$2.75	3 3/4 x 12 inches .....	Per set \$5.30
2 3/4 x 8 inches .....	Per set 3.00	4 x 12 inches .....	Per set 6.00
3 x 9 1/2 inches .....	Per set 3.50	4 1/4 x 12 inches .....	Per set 7.00
3 1/4 x 10 inches .....	Per set 4.75	4 1/2 x 12 inches .....	Per set 8.75
3 1/2 x 11 inches .....	Per set 5.00	4 1/2 x 13 inches .....	Per set 8.75
3 1/2 x 12 inches .....	Per set 5.20		

Welding Compound

The Best Flux known for Welding

IRON

STEEL



IRON,

STEEL,

and MALLEABLE Iron to Steel.

Cherry Heat Welding Compound, in 1 lb. tins .....	Per pound \$0.25
Cherry Heat Welding Compound, in 5 lb. boxes .....	Per pound 0.20

Refined Borax

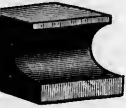
Refined Borax, lump .....	Per pound \$0.10
Refined Borax, pulverized .....	Per pound .10 1-2

Dumb Bells



Dumb Bells, ALL WEIGHTS, cast iron, japanned..... Per pound \$0.06  
 In ordering state whether weights required are each or per pair.

Rubber.



..... Per dozen pairs \$1.20  
 ..... Per dozen pairs .45  
 ..... Per dozen pairs .45

..... Per pound \$0.38

67	81	147
11-8	11-4	144
11-16	12-16	173
16-16	18-16	1143
.55	.60	.75

148	159	213
11-4	11-4	144
17-16	18-16	1123
6 115-16	114 16	248
.75	.75	.85

11-8	...	114
.50	.....	..

any nut or collar.

WROUGHT STEEL NECK YOKE TRIMMINGS



No. 81.

End Irons. Malleable Ferrule, Steel Ring.



No. 79.

Centre Irons. All Steel.

No. 81—End Iron. Diameter inside small end of ferrule 1 1-2 inch, 7-16 x 3 1-4 inch ring ..... Per dozen \$1.00  
 No. 79—Centre Iron. Welded 1-2 inch eyes, 7-16 inch links, 3 1-2 x 5-8 inch ring ..... Per dozen 3.25

Wrought Steel Singletree Trimmings



No. 37.

Welded Clips with Rings.

36



No. 58.

Malleable Ferrules, Steel Hooks.

No. 37—Centre Clip. Round part of clip 9-16 inch, 1-2 inch ring ..... Per dozen \$1.20  
 No. 58—Ferrule and Hook. Diameter inside small end of ferrule 1 1-2 inch, 7-16 inch hook ..... Per dozen 1.60

*also look draw*

Malleable Whiffletree Hooks and Ferrules



Malleable Ferrules and Hooks

No. 521—Ferrule, 1 1-2 inch inside large end, 1 7-8 inch deep ..... Per pound \$ .1114

Malleable Screw Pin Clevises

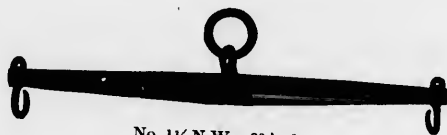


Malleable Screw Pin Clevises

No. 395—Screw Pin Clevis, 2 inch wide inside, entire length 4 1-2 inches ..... Per pound .94  
 No. 430—Screw Pin Clevis, 2 1-2 inch wide inside, entire length 6 inches ..... Per pound .94



IRONED PLOUGH SINGLETREES



No. 1 1/4 N.W.—30 inch.

1-2 inch centre clips and 7-16 inch rings, wrought steel, 1 1-4 inch malleable end ferrules and 3-8 inch wrought steel hooks.....Per dozen \$4.75

Ironed Wagon Singletrees



No. 3—36 inch.

9-16 inch centre clips and 1-2 inch rings, wrought steel, 1 1-4 inch malleable end ferrules and 3-8 inch wrought steel hooks.....Per dozen \$7.00

Ironed Wagon Neck Yokes



No. 6—38 and 40 inch.

9-16 inch centre ring, 3-8 inch links, 7-16 inch pins, wrought steel, 1 1-4 inch malleable end ferrules, 3-8 inch wrought steel rings.....Per dozen \$9.50



No. 79.  
Irons. All Steel

.....Per dozen \$1.00  
.....Per dozen 3.25



hooks.

.....Per dozen \$1.20  
.....Per dozen 1.65

Screw Pin Clevises



.....Per pound \$ .1114

.....Per pound .934  
.....Per pound .934

## LIST OF EXTRA PRICES FOR CERTAIN SIZES OF BAR, BAND, HOOP AND OTHER IRON

Adopted by the "Bar Iron Association," January 26th, 1893.

BARS.	3-16	1-4	5-16	3-8	7-16	1-2	9-16	5-8	3-4	7-8	1
Flat..... 1 2 inch x	\$ 1.00	.75	.75	.60	.30						
Flat..... 5 8 inch x	.75	.60	.60	.45	.30	.30					
Flat..... 3-4 inch x	.60	.45	.45	.30	.30	.30					
Flat..... 7-8 inch x	.45	.30	.30	.15	.15	.15	.15	.15			
Flat..... 1 inch x	.30	.15									
Flat..... 1 1-8 inch and up	.15										
Small, Round and Square ...	1.25	.60	.45	.30	.15						
Oval and Half Round .....		1.50	1.20	1.00	1.00	.80	.80	.60	.40	.20	.20
Half Oval.....		2.00	1.60	1.40	1.40	1.20	1.20	.80	.60	.40	.40
	<b>3-14</b>	<b>3-12</b>	<b>3-34</b>	<b>4</b>	<b>4-14</b>	<b>4-12</b>	<b>5</b>	<b>5-12</b>	<b>6</b>	<b>6-12</b>	<b>7</b>
Large Round and Square ...	.15	.30	.45	.60	.75	.90	1.20	1.50	2.00	2.50	3.00

Our Large Round Iron, from 3 1-4 to 7 inches, is of superior quality, and carefully straightened by improved machinery.

Large Flats, at special prices, according to size.

Cutting to exact lengths, 10 cents per 100 lbs. extra.

Best Refined Horse Shoe Iron, 25 cents advance on corresponding price of common iron.

Band Iron .....	<b>7-8</b>			<b>3-4</b>			<b>5-8</b>		<b>1-2</b>	
	\$0.20			.40			1.00		2.00	Per 100 lbs.
Hoop Iron.....	<b>7-8</b>	<b>3-4</b>	<b>3-4 x 22</b>	<b>5-8 x 20</b>	<b>5-8 x 22</b>	<b>1-2 x 20</b>	<b>1-2 x 22</b>			
	\$0.20	.40	1.00	1.00	1.50	1.50	2.00			Per 100 lbs.

## Lowmoor Iron

Round and Square.....	<b>1-4</b>		<b>5-16</b>		<b>3-8</b>		<b>7-16</b>		<b>1-2</b>		<b>9-16</b> Inch.
	\$2.50		2.00		1.50		1.00		.75		.50 Per 100 lbs.
Flat.....	<b>7-8 x 1-4</b>	<b>1 x 1-4</b>	<b>1 1-8 x 1-4</b>	<b>1 1-4 x 1-4</b>	<b>1 x 3-8</b>	<b>1 1-8 x 3-8</b>	<b>7-8 x 1-2</b> Inch.				
	\$1.00	.75	.50	.35	.35	.25	.35				Per 100 lbs.

## Swedes and Norway Iron

Round and Square....	<b>1-4</b>		<b>5-16</b>		<b>3-8</b>		<b>7-16</b>		<b>1-2</b>		<b>5-8</b> Inch.
	\$1.50		1.25		1.00		.75		.50		.25 Per 100 lbs.
Flat, any thickness.....					<b>3-4</b>		<b>7-8</b>		<b>1</b> Inch.		
					\$0.50		.25		.25		Per 100 lbs.

## Angle Iron

<b>1 8 x 3-4</b>	<b>7-8</b>	<b>1</b>		<b>3-16 x 1</b>	<b>1 1-4</b>	<b>1 1-2</b>		<b>1-4 x 1</b>	<b>1 1-4</b>	<b>1 1-2</b> Inch.
\$1.25	1.00	1.00		.80	.60	.40		.60	.40	.20 Per 100 lbs.

P AND OTHER IRON

	3-4	7-8	1
	\$	\$	\$
0	.40	.20	.20
0	.60	.40	.40
2	6	6 1-2	7
0	2.00	2.50	3.00

ed by improved machinery.

Common iron.

1-2	2.00	Per 100 lbs.
1-2 x 22	2.00	Per 100 lbs.

2 9-16 Inch.  
75 .50 Per 100 lbs.

8 7-8 x 1-2 Inch.  
.35 Per 100 lbs.

5-8 Inch.  
.25 Per 100 lbs.

Inch.  
Per 100 lbs.

1 1-4 1 1-2 Inch.  
.40 .20 Per 100 lbs.

IRON

BAR IRON & STEEL

Common and Refined Bar Iron.  
Refined Horse Shoe Iron.  
"Round Oak" Horse Shoe Iron.  
Best Refined Oval and Half Oval Iron.  
Best Refined Half Round Iron.  
Grooved Harrow Iron.  
Swedish Bar Iron.  
Norway Bar Iron.

Low-Moor Bar Iron.  
Best Refined Angle Iron.  
Best Hoops and Bands.  
Bevelled Iron.  
Unequal Sided Angle Iron.  
Tee Iron.  
Iron and Steel Beams, Channels, Boiler Plates, and every description of iron to size or pattern supplied to order.

Steel

Spring Steel.  
Crucible Spring Steel.  
Welding Spring Steel.  
Tyre Steel.  
Sleigh Shoe Steel.  
Toe Caulk Steel.  
Bessemer Machinery Steel.  
Open Hearth Machinery Steel.  
Crucible Machinery Steel.  
Harrow Teeth.  
Harrow Tooth Steel.  
Cultivator Steel, 1-8, 3-16 and 1-4 inch thick, 2 1-2 to 10 inches wide.  
Plough Plate Steel, 12 to 14 inches wide, 3-16 and 1-4 inch thick.

Plough Share Steel, Common and Crucible.  
Mould Board Steel.  
Cylinder Tooth Steel.  
Steel Landsides.  
Cast Steel Rake Wire.  
Bevelled Steel for Seed Drills.  
Cultivator Teeth.  
Coulter Plates, and Plates for Scufflers.  
Soft Steel, Flat, Round and Square.  
Needle Bar Steel.  
Decarbonized Steel Rods.  
Gun Steel Rods.  
Charcoal Wire Rods.  
Rolling Coulters.

# BAR IRON & STEEL.

## STEEL

Steel for Sewing Machines, English, French and German.

### Stubs' Silver Steel

Nos. 1 to 60 and 1-4 to 3-8ths by 64ths.

### Patent Cold Rolled and Drawn Steel Shafting

True to size and cut to length.

### Steel Finger Bars

IMPROVED, HAMMERED AND ROLLED.

These bars are very stiff, straight and smooth. The hammering process gives stiffness combined with elasticity. The rolling ensures regularity in size and smoothness.

### Thos. Firth & Sons' Celebrated Cast Steel

For Chisels, Drills, Hammers, Knives and every description of Tools

Flat .....	1-2 x 3-16 to 6 x 2 inches.
Round .....	3-16 to 3 inches.
Square .....	3-16 to 3 1-2 inches.
Octagon .....	1-4 to 2 inches.

### Soft Centre Cast Steel for Taps

### Best American Cast Steel, for Tools

All sizes, Flat, Round, Square and Octagon.

### Best American Miners' Drill Steel

Octagon, 5-8 to 1 1-2 inches.

Mushet's Steel

Best Cast Sheet Steel

Decarbonized Sheet Steel

## PLOUGH PLATES

Of all Qualities to any Pattern.

Crucible Cast Steel, Soft Centre

Solid Cast Steel

Wayne,

Imperial,

Open Hearth,

Bessemer.

Best qualities of English, French, German, American and Canadian Steel of all sizes and for every purpose supplied to order.

Tab

No. of  
Gauge

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

The fol  
e

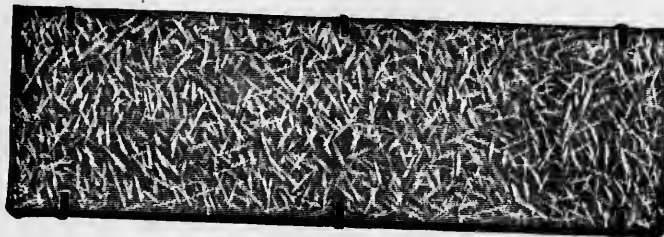
Thickness by the Old  
Wire Gauge.

Nos. W  
Ounces, 1

Nos. W  
Ounces, 1

Inch ....  
Lbs. per

SHEET IRON



**Black Sheet Iron, 3-16 inch, and Nos. 10 to 28 Gauge  
Galvanized Sheet Iron, best American and English Brands, 16 to 28 Gauge  
Boiler Plates and Circular Boiler Heads**

Any size or quality imported to order.

Table showing the approximate weights of the different gauges of Sheet Iron, according to the New Standard Gauge of the Board of Trade.

No. of Gauge.	Thickness in Inches.	Weight in oz. per sq. foot.	No. of Gauge.	Thickness in Inches.	Weight in oz. per sq. foot.	No. of Gauge.	Thickness in Inches.	Weight in oz. per sq. foot.
1	.30	192.00	11	.116	74.24	21	.032	20.48
2	.276	176.64	12	.104	66.56	22	.028	17.92
3	.252	161.28	13	.092	58.88	23	.024	15.36
4	.228	145.44	14	.080	51.20	24	.022	14.08
5	.212	135.68	15	.072	46.08	25	.020	12.80
6	.192	122.88	16	.064	40.96	26	.018	11.52
7	.176	112.64	17	.056	35.84	27	.0164	10.49
8	.160	102.40	18	.048	30.72	28	.0148	9.47
9	.144	92.16	19	.040	25.60	29	.0136	8.70
10	.128	81.92	20	.036	23.04	30	.0124	7.93

The following table gives the approximate weights of the different gauges of sheet iron, etc., by the old gauge (for estimates, etc.) The difference between the weights by old and new standard gauges can be determined.

Weight of a square foot of Sheet Iron, Copper and Brass, in pounds

Thickness by the Old Wire Gauge.	No.			Copper.				Brass.			
	Iron.	Copper.	Brass.	No.	Iron.	Copper.	Brass.	No.	Iron.	Copper.	Brass.
1	12.50	14.50	13.75	11	5.00	5.80	5.50	21	1.40	1.62	1.54
2	12.00	13.90	13.20	12	4.38	5.08	4.81	22	1.25	1.45	1.37
3	11.00	12.75	12.10	13	3.75	4.34	4.12	23	1.12	1.30	1.22
4	10.00	11.50	11.00	14	3.11	3.60	3.44	24	1.00	1.16	1.10
5	8.74	10.10	9.61	15	2.82	3.27	3.10	25	.90	1.04	.99
6	8.12	9.40	8.93	16	2.50	2.90	2.75	26	.80	.92	.88
7	7.50	8.70	8.25	17	2.18	2.52	2.40	27	.72	.83	.79
8	6.86	7.90	7.54	18	1.86	2.15	2.04	28	.64	.74	.70
9	6.24	7.20	6.86	19	1.70	1.97	1.87	29	.56	.64	.61
10	5.62	6.50	6.18	20	1.54	1.78	1.69	30	.50	.58	.55

Approximate Weight of Galvanized Sheet Iron by old Wire Gauge per square foot, in ounces

Nos. Wire Gauge	14	16	17	18	19	20	21	22
Ounces, per square foot	54	43	38	33	30	28	24	21
Nos. Wire Gauge	23	24	25	26	27	28	29	30
Ounces, per square foot	19	17	16	15	14	13	12	11

Weight of Steel Plate per square foot

Inch	1-4	5-16	3-8	1-2
Lbs., per square foot	10 1-2	13 1-8	15 3-4	21

**RUSSIA SHEET IRON**

Genuine Russia Sheet Iron, size of sheet 56 x 28 inches..... Per pound \$

**GAUGE AND WEIGHT OF RUSSIA SHEET IRON.**

Russian and English Numbers.

No. **8**—Russia Iron is about No. **25** W.G. and weighs about 8 lbs. per sheet.  
 No. **9**—Russia Iron is about No. **24** W.G. and weighs about 8 1-2 lbs per sheet.  
 No. **10**—Russia Iron is about No. **24** W.G. full and weighs about 9 lbs. per sheet.  
 No. **11**—Russia Iron is about No. **23** W.G. and weighs about 10 lbs. per sheet.  
 No. **12**—Russia Iron is about No. **22** W.G. and weighs about 11 lbs. per sheet.  
 No. **14**—Russia Iron is about No. **21** W.G. full and weighs about 13 lbs. per sheet.

**Sheet Zinc**

Nos. **6, 7, 8, 9, 10, 12**, 8 feet x 3 feet..... Per pound \$

In casks about 560 lbs.

Other gauges or widths imported to order.

Zinc Spelter, in slabs..... Per pound \$

**Table Showing Zinc Gauge as Compared with Standard Wire Gauge and Weight of Sheet Zinc per Square Foot in Pounds.**

Nos.	—Zinc Gauge.	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>
Nos.	—Standard W.G.	<b>36</b>	<b>33</b>	<b>32</b>	<b>30</b>	<b>29</b>	<b>27</b>	<b>26</b>	<b>21</b>
	Pounds per foot	0.30	.37	.45	.52	.60	.67	.75	.90
Nos.	—Zinc Gauge.	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>18</b>	<b>19</b>	<b>20</b>
Nos.	—Standard W.G.	<b>23</b>	<b>21</b>	<b>20</b>	<b>19</b>			<b>17</b>	<b>15</b>
	Pounds per foot	1.05	1.20	1.35	1.50	1.68	2.06	2.25	2.62

**WEIGHT OF CIRCULAR BOILER HEADS.**

Diameter Inches.	THICKNESS IN INCHES.							Diameter Inches.	THICKNESS IN INCHES.						
	3-16	1-4	5-16	3-8	7-16	1-2	9-16		3-16	1-4	5-16	3-8	7-16	1-2	9-16
16	11	14	18	21	25	28	32	88	60	79	99	120	139	158	179
18	13	18	22	27	31	36	40	40	66	88	110	132	154	176	198
20	17	22	27	33	38	44	50	42	73	97	121	146	170	194	220
22	20	27	33	40	47	54	60	44	80	107	133	160	187	214	240
24	24	32	40	47	55	64	71	46	88	117	145	176	204	234	262
26	28	37	46	56	64	75	84	48	95	127	158	190	222	254	286
28	32	43	53	65	75	86	97	50	103	138	172	206	241	276	310
30	37	50	62	74	87	100	112	52	112	149	186	224	260	298	335
32	42	56	70	84	99	112	127	54	121	160	200	242	281	320	363
34	48	64	79	96	111	128	143	56	130	172	214	260	302	344	388
36	54	71	89	108	125	142	161	58	139	185	231	278	324	370	417

**Sheet Lead**

Weight per square foot, lbs.....	2 1-2	3	3 1-2	4	4 1-2	5	6	7	8
Thickness, inch.....	1-24	3-64		1-16		5-64	3-32		1-8

PAINT MILLS



Style of No. 0.



One-quarter Size Cut No. 1.

PAINTED AND STRIPED.

No. 0	.....	Each \$2.10
No. 1—Harris' Patent, Hopper 6 1-2 x 4 inches	.....	Each 7.25
No. 2—Harris' Patent, Hopper 7 x 5 inches	.....	Each 9.00

..... Per pound \$

per sheet.  
per sheet.  
per sheet.  
per sheet.  
per sheet.

..... Per pound \$

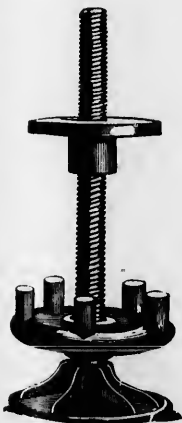
..... Per pound \$

of Sheet Zinc

9	10	11
27	26	24
.67	.75	.90
<b>18</b>	<b>19</b>	<b>20</b>
	17	15
2.06	2.25	2.62

SS IN INCHES.

3-8	7-16	1-2	9-16
120	139	158	179
132	154	176	198
146	170	194	220
160	187	214	240
176	204	234	262
190	222	254	286
206	241	276	310
224	260	298	335
242	281	329	362
260	302	344	380
278	324	370	417



Cheese Press Screws

CUT FROM BEST REFINED IRON.

Heavy Square Thread, three to inch.

Nut, Flange and Base Japanned.

22 inches over all, 1 3-4 inches diameter	.....	Each \$3.75
24 inches over all, 1 3-4 inches diameter	.....	Each 4.25

2 5 6 7 8  
5-64 3-32 1-8

LEAD PENCILS



Dixon's Round

No. 259 - Plain cedar, rubber head, blind stamp .....	Per gross	\$1.60
No. 254 - Polished black, rubber head, blind stamp .....	Per gross	2.25
No. 265 - Daisy, polished cedar, inserted rubber head, blind stamp .....	Per gross	2.75
No. 112 - Fine maroon finish, gilt stamp, medium .....	Per gross	6.00
No. 142 - Natural cedar finish, gilt stamp, soft medium .....	Per gross	6.00
No. 143 - Natural cedar finish, gilt stamp, medium .....	Per gross	6.00
No. 152 - Satin finish, gilt stamp, soft medium .....	Per gross	6.00
No. 153 - Satin finish, gilt stamp, medium .....	Per gross	6.00
No. 154 - Satin finish, gilt stamp, hard .....	Per gross	6.00
No. 107 - Fine black, gilt stamp, medium .....	Per gross	6.00
No. 947 - "Advance," maroon finish, gilt stamp, nickel tip with rubber, medium .....	Per gross	6.50
No. 758 - "Secretary," maroon finish, gilt stamp, nickel tip with rubber, medium .....	Per gross	8.00
No. 750 - "Note Book," cedar finish, tablet size, gilt stamp, nickel tip, soft medium .....	Per gross	5.25
No. 751 - "Note Book," cedar finish, tablet size, gilt stamp, nickel tip, medium .....	Per gross	5.25
No. 383 - "Vest Pocket," blind stamp, inserted rubber, patent point protector .....	Per gross	1.75
No. 303 - "Car Inspector," satin finish, gilt stamp, extra heavy lead .....	Per gross	9.00

American Pencil Co's Round

No. A - Round plain cedar, without stamp .....	Per gross	0.75
No. 1040 - "Dickens," cedar finish, plain stamp, inserted rubber .....	Per gross	1.50
No. 362 - "Classic," assorted black rosewood and natural finish, sliding nickel tip with rubber .....	Per gross	5.75
No. 392 - "Pioneer," assorted black rosewood and natural finish, nickel tip, flat rubber eraser .....	Per gross	5.75
No. 465 - "Beats All," maroon finish, gilt stamp, nickel tip, round rubber eraser .....	Per gross	2.45
No. 22 - Glass finish, gilt stamp, soft medium, in fancy case .....	Per gross	5.75
No. 23 - Glass finish, gilt stamp, medium, in fancy case .....	Per gross	5.75
No. 24 - Glass finish, gilt stamp, medium hard, in fancy case .....	Per gross	5.75
No. 23GT - Walnut finish, gilt stamp, gilt tip with rubber, medium .....	Per gross	8.25
No. 33 - Elephant, with ring, extra large, 11 x 5-8 inches .....	Per dozen	2.40



Dixon's Hexagon

No. 117 - Maroon finish, gilt stamp, medium .....	Per gross	\$9.50
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American Pencil Co's Hexagon

No. 700H - "Globe," plain cedar, plain stamp .....	Per gross	\$1.25
No. X29 - "Sphinx," black finish, gilt stamp, nickel tip with rubber .....	Per gross	5.75

Colored Lead Pencils

No. 350 - Dixon's Best, 7 inch, blue lead, round, plain finish .....	Per gross	\$9.50
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Rubber Tips or Heads

No. 379 - Hexagon Rubber Heads .....	Per gross	\$1.30
No. 451 - Wedge Shape Rubber Heads .....	Per gross	2.00

Slate Pencils

No. 845 - Round plain cedar, blind stamp .....	Per gross	\$1.90
Common Slate Pencils .....	Per box	0.15

No. 410  
No. 411  
No. 412

No. 742  
No. 744

No. 535

No. 587

No. 520 -  
No. 521 -  
No. 362 -  
No. 756 -



CARPENTERS' PENCILS

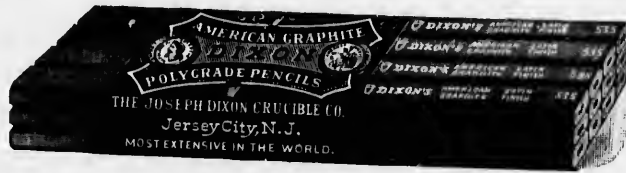


Dixon's Oval

- No. 410 7 inch, polished cedar, blind stamp ..... Per gross \$3.50
- No. 411 9 inch, polished cedar, blind stamp ..... Per gross 4.50
- No. 412 12 inch, polished cedar, blind stamp ..... Per gross 5.75

American Pencil Co.'s Oval

- No. 742 7 1-4 inch, cedar, black polish, gilt stamp ..... Per gross \$5.00
- No. 744 12 1-2 inch, cedar, black polish, gilt stamp ..... Per gross 8.75



Dixon's Beveled

- No. 535 7 inch, beveled edges, satin finish, gilt stamp ..... Per gross \$6.75

American Pencil Co.'s Beveled

- No. 587 7 inch, beveled edges, cedar, tortoise shell, glass finish, gilt stamp ..... Per gross \$5.75

Lumber Pencils



- No. 520—Dixon's Red Lead, paper covered, hexagon, 4 3-4 x 1-2 inch ..... Per dozen \$1.50
- No. 521—Dixon's Blue Lead, paper covered, hexagon, 4 3-4 x 1-2 inch ..... Per dozen 1.50
- No. 382—Dixon's Black Lead, hexagon.. ..... Per dozen 1.15
- No. 756—American Pencil Co.'s Black Lead, hexagon, fl inch ..... Per dozen 0.85



Hard Frame Slates

ROUND CORNERS.

Inch.....	5 x 7	6 x 9	6 1-2 x 10
Per dozen .....	\$0.55	.75	.80
Inch.....	7 x 10	8 x 12	9 x 13
Per dozen .....	\$1.00	1.35	1.50

..... Per gross \$1.60  
 ..... Per gross 2.25  
 ..... Per gross 2.75  
 ..... Per gross 6.00  
 ..... Per gross 6.00  
 ..... Per gross 6.00  
 ..... Per gross 6.00  
 ..... Per gross 6.00  
 ..... Per gross 6.00  
 ..... Per gross 6.50  
 ..... Per gross 8.00  
 ..... Per gross 5.25  
 ..... Per gross 5.25  
 ..... Per gross 1.25  
 ..... Per gross 9.00  
  
 ..... Per gross 0.75  
 ..... Per gross 1.50  
 ..... Per gross 5.75  
 ..... Per gross 5.75  
 ..... Per gross 2.45  
 ..... Per gross 5.75  
 ..... Per gross 5.75  
 ..... Per gross 5.75  
 ..... Per gross 8.25  
 ..... Per dozen 2.40  
  
 ..... Per gross \$9.50  
  
 ..... Per gross \$1.25  
 ..... Per gross 5.75  
  
 ..... Per gross \$9.50  
  
 ..... Per gross \$1.30  
 ..... Per gross 2.00  
  
 ..... Per gross \$1.00  
 ..... Per box 0.15

SCHOOL CRAYONS.



White.....Per Gross, \$0.12

ONE GROSS IN A BOX.

Carpenters' Chalk.



White.....Per Gross, \$0.72  
 Red.....Per Gross, 1.00  
 Blue.....Per Gross, 1.10

HALF GROSS IN A BOX.

White Lump Chalk.

Price.....Per Pound, \$0.04

PACKED AS WANTED.

Red Keil.

Price.....Per Pound, \$0.12

PACKED AS WANTED.

Nos.....  
 Per ream.....

Nos.....  
 24 inch wide  
 30 inch wide  
 36 inch wide  
 40 inch wide

Nos.....  
 Per ream.....

Nos.....  
 24 inch wide  
 30 inch wide  
 36 inch wide  
 40 inch wide

Nos.....  
 Comparative  
 Per ream.....  
 Nos.....  
 Comparative  
 Per ream.....

Flour.....  
 Nos. 0 to 3

Nos. 00 to 3

American No.  
 English Nos

SAND AND GARNET PAPER, EMERY CLOTH AND EMERY



"Flint" Sand Paper, in Sheets.

Nos. ....	00	0	1-2	1	1 1-2	2	2 1-2	3
Per ream .....	\$4.50	4.60	4.80	4.50	4.50	5.00	5.00	5.00

Half ream in a package.

"Flint" Sand Paper, in Rolls.

Nos. ....	00	0	1-2	1	1 1-2	2	2 1-2	3	3 1-2
24 inch wide. .... Per roll	\$ 5.00	5.00	5.00	5.00	5.00	5.50	6.00	8.50	7.50
30 inch wide. .... Per roll	8.00	8.00	8.00	8.00	8.00	9.00	10.00	11.00	13.00
36 inch wide. .... Per roll	10.00	10.00	10.00	10.00	10.00	11.00	12.00	13.00	15.00
40 inch wide. .... Per roll	12.00	12.00	12.00	12.00	12.00	13.00	14.00	15.00	17.00

Fifty yards in a roll.

"Garnet" Paper, in Sheets.

Nos. ....	00	0	1-2	1	1 1-2	2	2 1-2	3
Per ream .....	\$5.50	5.50	5.50	5.50	5.50	6.00	6.50	7.00

Half ream in a package.

"Garnet" Paper, in Rolls.

Nos. ....	00	0	1-2	1	1 1-2	2	2 1-2	3	3 1-2
24 inch wide. .... Per roll	\$ 8.00	8.00	8.00	8.00	8.00	8.50	7.25	8.25	9.50
30 inch wide. .... Per roll	9.00	9.00	9.00	9.00	9.00	10.00	11.00	12.00	14.00
36 inch wide. .... Per roll	11.00	11.00	11.00	11.00	11.00	12.00	13.00	14.00	16.00
40 inch wide. .... Per roll	13.00	13.00	13.00	13.00	13.00	14.00	15.00	16.00	18.00

Fifty yards in a roll.

Emery Cloth, in Sheets.

Nos. ....	Crocus.	FF	F	00	0	100
Comparative Nos. of Emery		FF	F			
Per ream .....	\$18.00	18.00	18.00	140	120	100
Nos. ....	1-2	1	1 1-2	2	2 1-2	3
Comparative Nos. of Emery						
Per ream .....	\$18.00	18.00	18.00	20.00	24.00	28.00

Quarter ream in a package.

Emery.

Flour. ....	Per pound \$0.06
Nos. 0 to 3 .....	Per pound .00 3/4

Quartz.

Nos. 00 to 3 1-2 .....	Per pound \$0.06
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Comparative Numbers of Emery.

American Nos. ....	FF	00	0	100	1-2	1	1 1-2	2	2 1-2	3
English Nos. ....	Fine Flour.	Flour.	120	100	90	85	70	60	54	48

LE PAGE'S LIQUID GLUE



Family Glue

Liquid Glue, 1 ounce bottles ..... Per dozen \$1.00  
 Liquid Glue, 2 ounce bottles ..... Per dozen 1.50

In Tins for Mechanics' Use

Size .....	1-2 Pint	1 Pint	1 Quart	1-2 Gallon	1 Gallon
Per dozen .....	\$3.60	5.00	8.50	13.50	21.00
Tins, in case.....Dozen	2	1	1	1-2	1-2

Glue

Broken Sheet Glue.  
 French Sheet Glue, Stars and Stripes.

French Sheet Glue, Lion, Medal.  
 Extra Grades Cabinet Makers' Glue, in strips and sheets.

White Glue (for Sizing, etc.)

N. W.—White Glue, medium quality.  
 N. N. W.—White Glue, best quality.  
 I. X. L.—White Glue, extra quality.

Putz Paste Extract



For cleaning brass, copper and all metals ..... Per dozen \$1.50

Putz Pomade (Liquid)

Putz Liquid Pomade, in 1-2 pint tins. .... Per dozen \$2.25



**ONKEY'S WELLINGTON KNIFE POLISH**

Onkey's Wellington Knife Polish, in tins ..... Per dozen \$2.50  
 One dozen in a box.

**ONKEY'S INDIA RUBBER KNIFE BOARDS**

Onkey's Rubber Knife Boards, first quality, 18 x 6 inches ..... Per dozen \$1.60  
 Onkey's Rubber Knife Boards, first quality, 24 x 6 inches ..... Per dozen 4.50

LEATHER CEMENT

Domestic Clarified Leather Cement

The clearest, the purest and strongest Leather Cement made. Used by shoemakers and cobblers for shoes, threshing machine operators, grist, saw and other mill men where Leather belting is used. Every bottle is guaranteed.



1 ounce bottles.....	Per gross	\$13.50
2 ounce bottles.....	Per gross	22.50
4 ounce bottles.....	Per gross	36.00
Half-pint screw top cans.....	Per dozen	7.20
One pint screw-top cans.....	Per dozen	13.50
One quart screw-top cans.....	Per dozen	26.00
In bulk.....	Per gallon	8.00

Domestic Rubber Cement

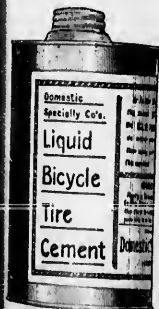
The only Genuine Vulcanite Cement made, is compounded from Pure Chouteau Sap as it comes from the tree, and treated by a chemical process entirely different from any other, which increases its tenacity. It penetrates and softens the fibre of the rubber, instead of evaporating as others do, thereby making it the strongest and most tenacious of any cement on the market. These are points that determine price comparing. Remember this, and when you buy either rubber or leather cements consult your best interests by getting the Domestic Rubber Cement. It is the best, and therefore the cheapest.



1 ounce bottles.....	Per gross	\$13.50
2 ounce bottles.....	Per gross	22.50
4 ounce bottles.....	Per gross	36.00
Half-pint screw top cans.....	Per dozen	6.00
One pint screw-top cans.....	Per dozen	10.50
One quart screw-top cans.....	Per dozen	18.00
In bulk.....	Per gallon	5.00

Liquid Bicycle Tire Cement

It is the STRONGEST, the most TENACIOUS, and CLEANEST; and will cement tires, where all other preparations have failed.



2 ounce bottles.....	Per gross	\$36.00
One pint screw-top cans.....	Per dozen	10.80
One quart screw-top cans.....	Per dozen	18.00
In bulk.....	Per gallon	5.75

STOVE POLISH



One-third size cut.



Half size cut.

Gem Stove Paste.....Per gross \$13.50  
 Silver Star Stove Paste.....Per gross 13.50

Black Diamond Stove Paste

BLACK DIAMOND STOVE PASTE is the only OIL PASTE made in Canada; will not dry up or rust the tins, and produces a black and brilliant polish.....Per gross \$13.50

One-quarter gross in a box.

We can supply BLACK DIAMOND Stove Paste in large tins or in bulk for stove dealers' use.

Royal Dome Blacklead

ROYAL BLACKLEAD does not stain the hands or burn red with a poisonous odor, like most paste and liquid polishes; it retains its lustre on a red hot stove, and has stood the test for over thirty years.....Per gross \$2.70

Half dozen domes in a box; six boxes in a package.



Half size cut.

"Ferri" Stove Polish

A new combination of iron, carbon and lead. From actual tests made it stands a fire resistance of 1893 degrees of heat; black-lead will only stand a resistance of 1060 degrees; fully 25 per cent. of the hard leads used do not stay on the stove, but come off, to the annoyance of those using it.....Per gross \$12.00

One-quarter gross in a box.

Shoe Polish

British Military Blacking

It is entirely free from the sticky qualities of most all other blackings, and will polish all kinds of leather, old or new, retaining the gloss longer than any other blacking made.....Per gross \$13.50



Half size cut.

Serrano's Spanish Blacking

No. 3—Serrano's Spanish Blacking.....Per gross \$ 6.75  
 No. 10—Serrano's Spanish Blacking.....Per gross 13.50

One-quarter gross in a box.

DIAMETER OF WHEELS IN INCHES

1  
1  
1  
1  
1  
2  
2  
2  
3  
3  
3

For a dimension

State d  
For sh  
Give n  
State k  
State if  
State w  
fed up to t  
No

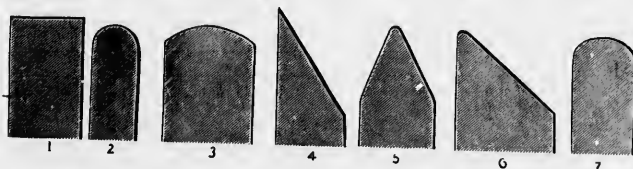
EMERY WHEELS



REVISED PRICE LIST OF EMERY WHEELS.

DIAMETER OF WHEELS IN INCHES.	THICKNESS IN INCHES.																Rev. per minute
	1-2	3-4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4		
	1 1-2	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.00	1.05	1.10	
2	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.00	1.05	1.10	1.15	1.20	10000	
2 1-2	.65	.75	.85	.95	1.05	1.15	1.25	1.35	1.45	1.55	1.65	1.75	1.85	1.95	2.05	8000	
3	.80	.95	1.10	1.25	1.40	1.55	1.70	1.85	2.00	2.15	2.30	2.45	2.60	2.75	2.90	7400	
3 1-2	.95	1.15	1.35	1.55	1.75	1.95	2.20	2.35	2.55	2.75	2.95	3.15	3.35	3.55	3.75	6400	
4	1.10	1.35	1.60	1.85	2.10	2.35	2.60	2.85	3.10	3.35	3.60	3.85	4.10	4.35	4.60	5450	
4 1-2	1.25	1.55	1.85	2.15	2.45	2.75	3.05	3.35	3.65	3.95	4.25	4.55	4.85	5.15	5.45	4900	
5	1.40	1.80	2.20	2.60	3.00	3.40	3.80	4.20	4.60	5.00	5.40	5.80	6.20	6.60	7.00	4400	
6	1.75	2.40	3.00	3.70	4.35	5.00	5.65	6.25	6.90	7.45	8.10	8.75	9.40	10.00	10.50	3600	
7	2.15	3.00	3.85	4.70	5.55	6.40	7.25	8.10	8.90	9.70	10.50	11.30	12.10	12.90	13.70	3150	
8	2.60	3.60	4.60	5.60	6.60	7.60	8.60	9.60	10.60	11.60	12.60	13.60	14.60	15.60	16.60	2750	
9	3.10	4.35	5.60	6.75	7.90	9.05	10.20	11.35	12.50	13.65	14.80	15.95	17.10	18.25	19.40	2450	
10	3.60	5.10	6.60	8.00	9.50	11.00	12.40	13.75	15.25	16.75	18.15	19.50	21.00	22.25	23.75	2200	
12	4.00	5.75	7.35	9.00	10.70	12.25	14.00	15.70	17.40	19.00	20.70	22.25	24.00	25.75	27.40	1850	
14	6.25	8.45	10.65	12.90	15.10	17.40	19.50	21.80	24.00	26.30	28.60	30.75	33.00	35.40	37.50	1600	
16	8.00	10.85	13.70	16.50	19.40	22.25	25.00	27.90	30.75	33.50	36.40	39.25	42.00	45.00	48.00	1400	
18	9.50	13.25	17.00	20.75	24.50	28.25	32.00	35.75	39.50	43.25	47.00	50.75	54.50	58.00	62.00	1250	
20	12.00	16.00	20.00	25.00	29.00	33.50	38.00	42.50	47.00	51.50	56.00	60.50	65.00	69.50	74.00	1100	
22	14.50	19.00	25.00	29.87	35.50	41.12	46.75	52.00	58.00	63.50	69.25	74.00	80.50	85.00	91.75	1000	
24	17.00	22.00	29.00	36.00	43.00	50.00	57.00	64.00	71.00	78.00	85.00	92.00	99.00	105.00	112.00	925	
30							87.50	109.00	131.00	153.00	175.00	197.00	219.00	241.00	263.00	735	
36							127.00	157.00	187.00	217.00	247.00	277.00	307.00	337.00	367.00	500	

For all Wheels thinner than 1-2 inch, use list of 1-2 inch. N.B.—Wheels of any thickness between the above dimensions are listed the same as next size thicker.



DIRECTIONS FOR ORDERING EMERY WHEELS.

- State diameter, thickness and size of Mandrel Hole.
- For shape of face, give number from diagram, or a drawing if different from them.
- Give number of revolutions of spindle or shaft.
- State kind of metal to be ground: e. g., cast or wrought iron, steel or brass, or for general purposes, etc.
- State if wheel is to grind surface only, or the edge of the article to be ground.
- State whether the article to be ground is held in the hand of the operator, or whether it is held mechanically and fed up to the wheel.

NOTE.—To insure satisfaction, the above information should always be given when ordering wheels.



Half size out.  
..... Per gross \$13.50  
..... Per gross 13.50

For rust the tins, and  
..... Per gross \$13.50

dealers' use.

most paste and liquid  
..... Per gross \$12.70

From actual tests  
degrees of heat; black-  
degrees; fully 25 per  
on the stove, but  
..... Per gross \$12.00

box.

other blackings, and  
ing the gloss longer  
..... Per gross \$13.50

..... Per gross \$ 6.75  
..... Per gross 13.50

**EMERY GRINDERS**

HAND AND FOOT POWER.

**"The Kitchen"**

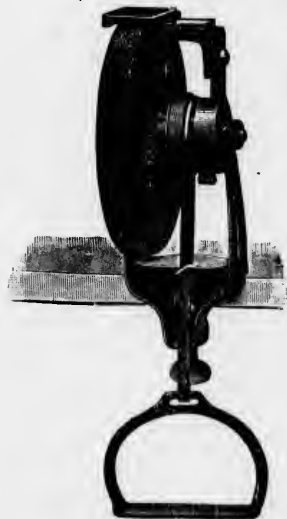
(Hand Power.)



The "Kitchen," for grinding knives, etc., hand power..... Each \$1.50

**"The Home"**

(Hand or Foot Power.)



Can be run either by foot or hand at great speed. It is provided with a flat coil spring to draw back the strap attached to stirrup and also with a clutch, so that the wheel runs only in one direction. It has a rest for knives and scissors when they are being sharpened.  
Each..... \$3.00

**"The Shop"**

(Foot Power.)



The wheel can be removed and replaced by another at any time, and extra wheels can be supplied.

Each..... \$4.00

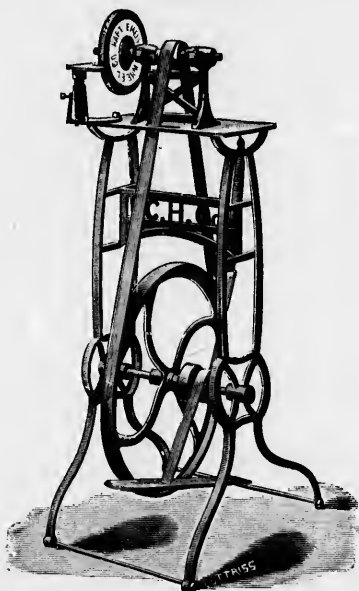
Each ...  
A f  
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wheel is c  
able it wi  
always re

Emery W  
Emery W



EMERY GRINDERS

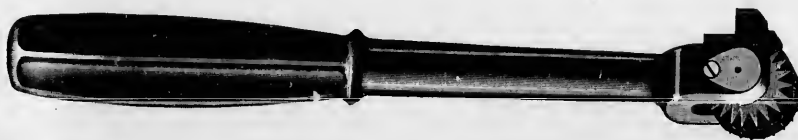
The "Complete"



Each ..... \$18.00

A foot power Emery Wheel Grinder, carrying a solid wheel 6 inches in diameter, 3-4 inch thick. The greatest possible power is gained by the mechanical construction, while a speed of one mile a minute on the periphery of the wheel is easily maintained. For light filing and general grinding it has no superior. Where there is no power available it will prove itself indispensable. Complete in itself it occupies little space. Can be placed anywhere, and is always ready for work.

Emery Wheel Dressers



Emery Wheel Dressers, complete ..... Each \$1.80  
 Emery Wheel Dresser, wheels only..... Per set 1.05

..... Each \$1.30

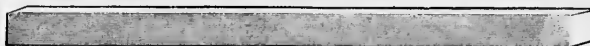
op"  
 ver.)



ed and replaced by another  
 ls can be supplied.

..... \$1.00

STONES



Water of Ayr Axe Stone

Water of Ayr Axe Stone, 2 1-2 to 3 1-2 x 1 1-2 x 1-2 inch .....	Per pound	\$0.17
Water of Ayr Axe Stone, 6 x 3-4 x 3-4 inch .....	Per dozen	.76
Nile Green Axe Stone .....	Per dozen	.45
Poko Axe Stone .....	Per pound	.25
Washita Axe Stone .....	Per pound	.20
Hindustan Axe Stone .....	Per pound	.10



Washita Oil Stone, No. 2 .....	Per pound	\$0.20
Washita Oil Stone, No. 1 .....	Per pound	.45
Washita Oil Stone, extra (blue paper) .....	Per pound	.65
Washita Oil Stone, Lily White or Anchor .....	Per pound	.75
Water of Ayr Stone, 7 1-2 x 2 x 1 inch .....	Per pound	.20
Turkey Oil Stone .....	Per pound	.55



Washita Mounted Oil Stones, 6 inches .....	Per dozen	\$11.50
Washita Mounted Oil Stones, 8 inches .....	Per dozen	14.00



Washita Oil Slips .....	Per pound	\$0.80
Turkey Oil Slips .....	Per dozen	3.25

Razor Hones



No. 1103 1-2—Belgian Razor Hones, 6 inch .....	Per dozen	\$3.75
No. 1103 1-2—Belgian Razor Hones, 7 inch .....	Per dozen	5.00
No. 1103 —Belgian Razor Hones, 7 inch .....	Per dozen	7.50
No. 1103 —Belgian Razor Hones, 8 inch .....	Per dozen	19.00

DEERLICK OIL STONES



Deerlick Oil Stones, 8 x 2 x 3-4 inches..... Per pound \$0.37½

Packed 12 1-2 and 25 lbs. in a box.

Emery Oil Stones

Emery Oil Stones..... Per dozen \$3.25

Deerlick Oil Slips



Deerlick Oil Slips, 3 to 5 1-2 x 1 1-2 to 2 x 3-8 to 5-8 inches thick..... Per pound \$0.65

Five pounds in a box.

Deerlick Table Stones



Deerlick Table Stones, 12 to 13 inches..... Per dozen \$3.00

One-sixth gross in a box.

Emery Knife Sharpeners



HEXAGON TRADE MARK BRAND.

No. 22—Emery Knife Sharpeners, with guard..... Per dozen \$2.25

One dozen in a box.

..... Per pound \$0.17  
 ..... Per dozen .70  
 ..... Per dozen .45  
 ..... Per pound .25  
 ..... Per pound .20  
 ..... Per pound .10

..... Per pound \$0.30  
 ..... Per pound .45  
 ..... Per pound .65  
 ..... Per pound .75  
 ..... Per pound .20  
 ..... Per pound .55

..... Per dozen \$11.50  
 ..... Per dozen 4.00

..... Per pound \$0.80  
 ..... Per dozen 3.25

..... Per dozen \$3.75  
 ..... Per dozen 5.00  
 ..... Per dozen 7.50  
 ..... Per dozen 19.00

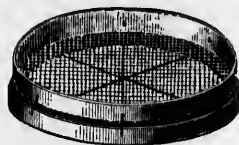
SIEVES AND RIDDLES

Timothy and Flour Sieves



Three in a Nest. Size, 11, 12 and 13 inches diameter.

Farmers' Seed Sieves



Timothy and Flower Sieves

Nos. 14, 16, 18, 20, 22 mesh, tinned ..... Per dozen \$2.25

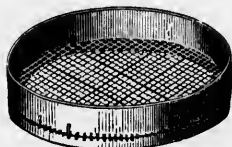
Farmers' Seed Sieves

18 inch diameter, 2 to 22 mesh ..... Per dozen \$6.00

Potato Riddles

18 inch diameter, 2 inch space ..... Per dozen \$8.00

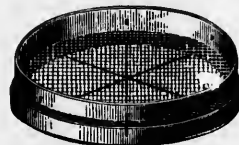
Moulders' Riddles



Single Rim Riddle.

Nos. 1, 7-8, 3-4, 5-8, 1-2, 3-8 Mesh.

18 inch diameter ..... Steel ..... \$10.80  
Per dozen .....



Double Rim Riddle.

Nos. 3, 4, 5, 6, 7, 8, 10, 12, 14, 16 Mesh.

Galvanized ..... Brass ..... 18.00  
13.50 .....

FOUNDRY BRUSHES

Moulders' Hard Brushes

79 Roached Face. Handled if required. Per dozen.  
No. 1, mixed stock ..... \$3.00  
No. 2, all hair ..... 8.00  
No. 3, all fine bristles ..... 11.00

Moulders' Dusters or Soft Brushes

80 Per dozen.  
No. 3 ..... \$7.50  
No. 4 ..... 8.50  
No. 5 ..... 9.00  
No. 6 ..... 11.00  
No. 7, extra ..... 11.00

Moulders' Scratch or Steel Wire Brushes

For cleaning Castings, Facing Stone etc. Finest Flat Spring Steel Wire.  
Hardwood Backs.

81 Per dozen.  
4 Row, extra ..... \$ 8.00  
5 Row, extra ..... 10.00  
2 Row, extra, handled ..... 6.00  
4 Row, extra, handled ..... 9.00  
Round, handled ..... 7.00

Steel Wire Brooms

Made of Finest Flat Spring Steel Wire. For Stake Holes and Heavy Work.

81-A Per dozen.  
10 inch ..... \$21.00  
12 inch ..... 25.50  
14 inch ..... 31.80

Handles for above sent free only when ordered.



Nos. ....  
Each .....

Nos. ....  
Per pound

CRUCIBLES



Nos. ....	1	2	6	10	
Each .....	\$0.37½	.42	.67½	.90	
Larger than No. 10 .....					Per No. \$0.08

Capacity, 3 lbs. molten metal per number.

Prices given do not include covers—with covers not carried in stock.

Plumbago



Nos. ....	English Plumbago (in bulk) .....	1753	50
Per pound .....		\$0.10	.12

Dixon's Perfect Lubricator

1 lb. Paper Cans.  
Per pound, \$0.37½.

5 lb. Tin Cans, Screw-top.  
Each, \$1.75.

10 lb. Cans, Screw-top.  
Each, \$3.00.

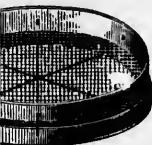
Seed Sieves



..... Per dozen \$2.25

..... Per dozen \$6.00

..... Per dozen \$8.00



..... Per dozen \$18.00

..... Brass  
..... 18.00

Brushes

..... Per dozen  
..... \$5.00  
..... 8.00  
..... 11.00

Soft Brushes

..... Per dozen  
..... \$7.50  
..... 8.50  
..... 9.00  
..... 11.00  
..... 11.00

Wire Brushes

..... at Flat Spring Steel Wire.  
..... Per dozen  
..... \$ 8.00  
..... 10.00  
..... 6.00  
..... 9.00  
..... 7.00

Drums

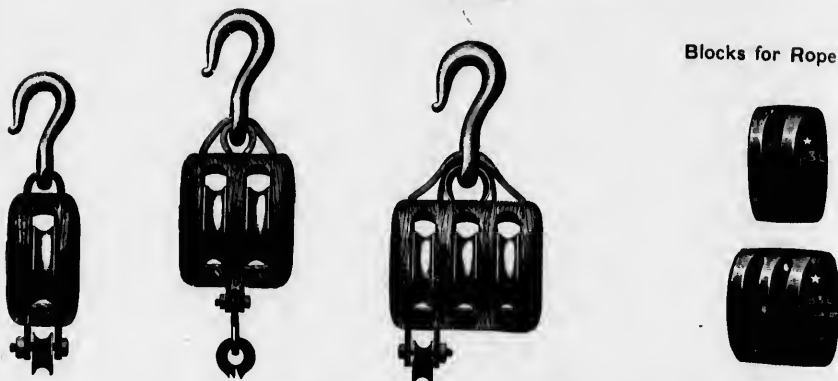
..... No. Holes and Heavy Work.  
..... Per dozen  
..... \$21.00  
..... 25.50  
..... 31.90

..... when ordered.

INSIDE IRON STRAPPED TACKLE BLOCKS

Iron Sheaves.

Blocks for Rope Straps



State when ordering whether required with or without Becketts.

DIMENSIONS		IRON BUSHED		
		SINGLE, EACH.	DOUBLE, EACH.	TRIPLE, EACH.
Size 3	inches.			
" 3 1-2	"	\$ 0.70	\$ 1.30	\$ 1.75
" 4	"	.75	1.45	2.00
" 5	"	.85	1.60	2.15
" 6	"	.90	1.75	2.25
" 7	"	1.10	2.00	2.50
" 8	"	1.30	2.25	2.75
" 9	"	1.65	2.85	3.50
" 10	"	1.85	3.40	4.25
" 11	"	2.75	4.50	4.75
" 12	"	4.45	7.50	6.25
" 13	"			10.65
" 14	"			15.00
" 15	"	7.00	10.50	18.00
" 16	"	8.00	13.00	22.00
		10.00	15.00	

Wood Tackle Blocks

For Rope Straps.

Inch .....	3	3 1-2	4
For Rope, inch .....	5-16	3-8	1-2
Single, each .....	\$0.87	.45	.50
Double, each .....	0.65	.85	.90



Wood Snatch Blocks

Swivel Hooks. Steel Pins. Iron Sheaves.

Shell, inch .....	10	12
For Rope, inch .....	1 1-4	1 1-2
Each .....	\$8.50	10.00

Inch  
For rope  
Single,  
Double  
Triple,

For rope  
Single,  
Double,

Inch .....

**WROUGHT STEEL TACKLE BLOCKS**

Iron Sheaves (Loose Hooks). Not Swivel as shown in cuts.  
Well adapted for Railroad, Mining, Quarry and Contractors' Work.



Cuts show Swivel Hook.

Inch .....	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>10</b>	<b>12</b>
For rope, inch .....	1-2	5-8	9-4	7-8	1	1 1-4	1 1-2
Single, each .....	\$1.00	1.15	1.30	1.50	2.05	3.30	4.50
Double, each .....	1.80	2.10	2.25	2.75	3.75	5.00	7.00
Triple, each .....			3.00	3.75	5.00	7.00	10.00

**Galvanized Tackle Blocks**

Malleable Iron Shell. Iron Sheaves. Wrought Iron Loose Hooks.

For rope, inch .....	<b>3-8</b>	<b>1-2</b>	<b>5-8</b>	<b>3-4</b>
Single, each .....	\$0.35	.45	.75	1.05
Double, each .....	.40	1.20		1.65

**Wrought Iron Snatch Blocks**

For rope, inch .....	<b>1</b>	<b>1 1-4</b>
Each .....	\$3.50	4.50

**Gin Blocks**

Wrought Iron Frame. Swivel Hooks.

Inch .....	<b>14</b>	<b>18</b>
Each .....	\$5.00	8.00



Snatch Block.



Gin Block.

**Iron Sheaves**

Inch .....	<b>3 x 3-4</b>	<b>3 1-2 x 7-8</b>	<b>4 x 1</b>	<b>4 1-2 x 1 1-8</b>	<b>5 x 1 1-4</b>
Per dozen .....	\$2.25	3.50	5.00	6.75	10.00

Blocks for Rope Straps



**BUSHED**

DOUBLE, EACH.	TRIPLE, EACH.
1 1-30	\$ 1.75
1 1-45	2.00
1 1-60	2.15
1 1-75	2.25
2 1-90	2.30
2 1-105	3.50
2 1-120	4.25
3 1-135	1.75
3 1-150	6.25
4 1-165	10.65
5 1-180	15.00
6 1-195	18.00
7 1-210	22.00

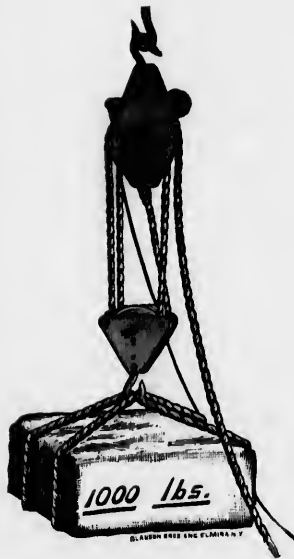
.....	4
.....	12
.....	50
.....	90

Sheaves.	12
.....	11-2
.....	10.00

## LITTLE GIANT, HOLD-FAST

## STEEL

## TACKLE BLOCKS



These Tackle blocks will hold the load at any point without fastening the rope.

The heavier the load the tighter the grip.

The lower block is so constructed that it cannot turn bottom side up, as is the case with other blocks.

They are made of steel, and are the best and strongest rope hoist on the market.

They can be fitted with rope for hoisting load any required distance.

## PRICE LIST

Per set of Upper and Lower Blocks (without rope).

No. 1—For one half inch rope, capacity 1000 lbs. ....	Each \$5.00
No. 2—For five-eighth inch rope, capacity 2000 lbs. ....	Each 6.50
No. 3—For three-quarter inch rope, capacity 3000 lbs. ....	Each 8.00
No. 4—For three-quarter inch rope, capacity 4000 lbs. ....	Each 11.00

No. 4 has three wheels in each block.

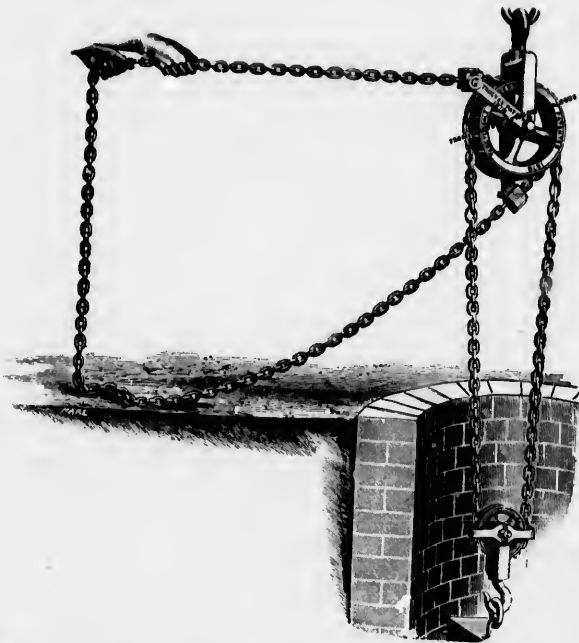
Tested to  
Each.....

These Bl



WESTON'S DIFFERENTIAL PULLEY BLOCKS

TANGYES' PATENT.



With Tanges' Patent Chain Guide.

Which permits block to be used either horizontally or at any angle and prevents chain locking.

With 40 feet best chain to each.

Tested to	Tons	1-2	1	1 1/2	2	3
Each		\$11.25	15.75	20.00	24.00	30.00

These Blocks are recognized everywhere as the standard, and are in use in all first-class shops and manufactories.

point without fastening  
 the grip.  
 turn bottom side up, as is  
 strongest rope hoist on  
 any required distance.

..... Each \$5.00  
 ..... Each 6.50  
 ..... Each 8.00  
 ..... Each 11.00

## CORDAGE

**Manilla Hemp**

1-4 to 3-8 inch diameter.  
 7-16 inch diameter and larger  
 Hide Rope.  
 Hide Rope, in strand.  
 Tallow Laid Transmission Rope.

**Sisal Hemp**

1-4 to 3-8 inch diameter.  
 7-16 inch diameter and larger.  
 Hide Rope.  
 Hide Rope, in strand.  
 Spoke Cord.  
 Clothes Lines, 3 ply, 48 feet.  
 Clothes Lines, 3 ply, 60 feet.  
 Clothes Lines, 3 ply, 72 feet.  
 Clothes Lines, 3 ply, 60 feet, heavy.  
 Clothes Lines, 3 ply, 72 feet, heavy.  
 Clothes Lines, 6 ply, 60 feet.  
 Clothes Lines, 6 ply, 72 feet.  
 Plough Lines, tapered.  
 Snap Halters, small.  
 Snap Halters, large.  
 Lath Yarn, dry tarred.

**Jute Hemp**

1-4 to 3-4 inch diameter.  
 Clothes Lines, 60 feet.  
 Clothes Lines, 72 feet.  
 Plough Lines with snaps.  
 Snap Halters, small.  
 Snap Halters, large.  
 Head Halters.  
 Lath Yarn, dry tarred.

**Russian Hemp**

Deep Sea Line, 9 threads,  
 Deep Sea Line, No. 2.  
 Deep Sea Line, No. 1.  
 Sash Cord, No. 2.  
 Sash Cord, No. 1.  
 Rope, No. 1, 3-8 to 3-4 inch diameter.  
 Rope, No. 2, 3-8 to 3-4 inch diameter.  
 Halyards.  
 Lead Lines.  
 Hide Cord.  
 Snap Halters, small.  
 Snap Halters, large.  
 Plough Lines, tapered, without snaps.  
 Plough Lines, plain, with snaps.  
 Clothes Lines, 60 feet.  
 Clothes Lines, 72 feet.

**Russian Hemp (Tarred)**

Ratline.  
 Marline.  
 Houseline.  
 Hambro Line.  
 Spun Yarn.  
 Lath Yarn, No. 1.  
 Lath Yarn, No. 2.

**White Cotton**

Cotton Rope, 1-8 inch diameter.  
 Cotton Rope, 3-16 inch diameter.  
 Cotton Rope, 1-4 inch diameter and larger.  
 Clothes Lines, 40 feet.  
 Clothes Lines, 60 feet.  
 Clothes Lines, 60 feet.  
 Clothes Lines, 72 feet.

All classes of Cordage not specified in above list supplied to order.

BINDER TWINE

IN 50 LB. BALES.



Sisal Binder Twine  =

No. 1 Manilla Binder Twine

Pure Manilla Binder Twine L =

Red Caps  =

Blue Caps L =

We are in position to supply all grades of Binder Twine at lowest figures.

2% Cash  
Delivered in 1/2 Ton lots

**TWINES**



Cotton Wrapping Twine, in 5 lb. sacks, in balls .....	Per pound	\$0.22
Cotton Bag Twine, in balls.....	Per pound	.33
English Colored Twine, in balls.....	Per pound	.30
Jute Wrapping Twine, 2 ply, in balls.....	Per pound	.18
Jute Wrapping Twine, 3 ply, in balls.....	Per pound	.15
No. 100—Hemp Wrapping Twine, in balls.....	Per pound	.27
No. 202—Bohemian Wrapping Twine, in balls.....	Per pound	.30
No. 212—Upholsterers' Twine, in balls .....	Per pound	.55
No. 410—Mattress Twine, in balls.....	Per pound	.60
No. 6842—Mattress Twine, in balls.....	Per pound	.63
No. 046—Jute Bag Twine, in balls.....	Per pound	.20
No. 27—Bohemian Bag Twine, in balls.....	Per pound	.25
Russian Hemp Bag Twine, 2 cord, in balls.....	Per pound	.37½
Russian Hemp Bag Twine, 3 cord, in balls.....	Per pound	.45
English White Sampling Twine, in balls.....	Per pound	1.90
Jute Grape Twine, 3, 4 and 5 ply, in balls.....	Per pound	.15
Jute Grape Twine, single twist, in balls.....	Per pound	.12
Russian Hemp Bundling Twine.....	Per pound	.25
Jute Seaming Cord.....	Per pound	.18
Flax Sewing or Sail Twine, in hanks .....	Per pound	.33
Whip Cord, in hanks.....	Per pound	1.05

**Silver Lake Braided Chalk Lines**

20 feet hanks, 12 hanks in a bundle, all in one piece.



0 Nos.....	1	2	3
1 Per dozen.....	\$0.90	1.00	1.05

**Awning Lines**

48 feet each.

Nos.....	4	4 1/2
Per dozen.....	\$3.30	4.35

Half gross in a box.

**Cotton Chalk Lines**

	Small.	Medium.	Large.	Extra Large.
Per dozen.....	\$0.55	.60	.75	1.00

**Cotton Masons' Lines**

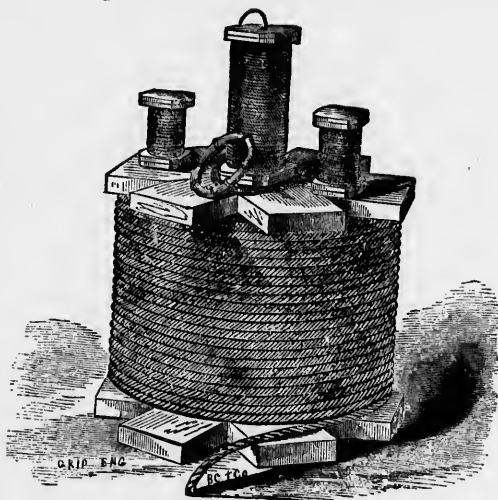
100 feet each .....	Per dozen	\$1.75
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**Russian Hemp Garden Lines**

Feet.....	40	50	60	80
Per dozen.....	\$1.05	1.35	1.50	1.95

WIRE ROPE

We can supply Wire Ropes of all kinds, and for every purpose. Parties without experience in the use of Wire Rope should state purpose for which Rope is to be used. Ropes with hemp centre always supplied unless otherwise ordered.



Galvanized Wire Rope for Ships' Rigging, Derrick Stays, Bridges, Etc.

Six Strands, with seven Wires to Strand—Hemp Centre.

Diameter in Inches.	Approximate Circumference in Inches.	Price per lb. in Cents.	Approximate Weight per foot in lbs.	Breaking Strain in Tons of 2,000 lbs.	Circumference of Hemp Rope of equal strength.
1-4	3-4	20	.08	1 1-8	1 1-4
5-16	1	17	.14 1-4	1 1-2	2
3-8	1 1-8	16 1-2	.19	2 1-2	2 1-4
7-16	1 1-4	16	.29	3	3
1-2	1 1-2	15	.34	4 1-4	3 1-2
9-16	1 3-4	13	.42	4 3-4	4
5-8	2	12	.59	6	4 1-2
3-4	2 1-4	11	.75	9	5
13-16	2 1-2	10 1-2	.92	9 1-2	4 1-2
7-8	2 3-4	10	1.13	12 1-2	5 1-2
1	3	10	1.33	16	6
1 1-16	3 1-4	9 1-2	1.58	18	6 1-2
1 1-8	3 1-2	9 1-2	1.79	20	7
1 1-4	3 3-4	9 1-2	2.13	25	7 1-2
1 5-16	4	9 1-2	2.38	27	8
1 3-8	4 1-4	9 1-2	2.75	30	8 1-2
1 1-2	4 1-2	9 1-2	3.17	36	9
1 9-16	4 3-4	9 1-2	3.50	37	9 1-2
1 5-8	5	9 1-2	3.67	40	10
1 3-4	5 1-4	9 1-2	4.08	43	10 1-2
1 7-8	5 1-2	9 1-2	4.42	46	11

3-8 inch diameter and smaller made of 5 and 4 strands.

..... Per pound \$0.22  
 ..... Per pound .33  
 ..... Per pound .30  
 ..... Per pound .18  
 ..... Per pound .15  
 ..... Per pound .27  
 ..... Per pound .30  
  
 ..... Per pound .55  
 ..... Per pound .60  
 ..... Per pound .63  
  
 ..... Per pound .20  
 ..... Per pound .25  
 ..... Per pound .37 1/2  
 ..... Per pound .45  
  
 ..... Per pound 1.90  
  
 ..... Per pound .15  
 ..... Per pound .12  
  
 ..... Per pound .25  
 ..... Per pound .18  
  
 ..... Per pound .33  
  
 ..... Per pound 1.05

Wool Lines

..... all in one piece.  
 2 ..... 3  
 1.00 ..... 1.05  
  
 4 ..... 4 1/2  
 \$3.30 ..... 4.35  
 x.  
  
 Extra Large.  
 ..... 1.00  
  
 ..... Per dozen \$1.75  
  
 30 ..... 90  
 .50 ..... 1.95

## TRANSMISSION AND STANDING ROPES

## Siemens-Martin Steel

With 6 Strands of 7 Wires Each. Hemp Centre.

Price per Foot, in Cents.	Diameter.	Circumference in Inches.	Weight per Foot, in Pounds.	Breaking Strain in Tons of 2000 Lbs.	Proper Working Load in Tons of 2000 Lbs.	Circumference of Hemp Rope of Equal Strength.
41	1 1-2	4 3-4	3.60	36	9	10 3-4
33	1 3-8	4 1-4	2.90	30	7 1-2	10
29	1 1-4	4	2.35	25	6 1-4	9 1-4
23	1 1-8	3 1-2	1.90	19	5	8
20	1	3 1-8	1.50	15	4	7
16	7-8	2 3-4	1.10	11 1-2	3	6 1-2
12	3-4	2 3-8	.86	8 3-4	2 1-4	5 1-4
10	11-16	2 1-8	.68	7	2	5
9	5-8	2	.62	5 1-4	1 1-2	4 1-4
7	9-16	1 3-4	.52	4 1-4	1	4
6	1-2	1 1-2	.40	3 1-2	3-4	3 1-4
4 1-2	7-16	1 1-4	.30	2 3-4	1-2	3
4	3-8	1 1-8	.25	2 1-2	1-3	2 1-2
3 1-2	5-16	1	.16	1 1-2	1-4	2

## Semi-Pliable Hoisting and Running Ropes

## Siemens-Martin Steel

With 6 Strands of 12 Wires Each. Hemp Centre.

Price per Foot, in Cents.	Diameter.	Circumference in Inches.	Weight per Foot, in Pounds.	Breaking Strain in Tons of 2000 Lbs.	Proper Working Load in Tons of 2000 Lbs.	Circumference of Hemp Rope of Equal Strength.
45	1 1-2	4 3-4	3.60	36	7 1-2	11 1-2
37	1 3-8	4 1-4	2.90	30	7	10
32	1 1-4	4	2.35	25	5 1-2	9
25	1 1-8	3 1-2	1.90	19 1-2	4	8
21	1	3 1-8	1.50	15 1-2	3 1-2	7
17	7-8	2 3-4	1.10	12	3	6 1-4
13	3-4	2 3-8	.86	9	2	5
10 1-2	5-8	2	.62	5 1-2	1 1-2	4 1-2
8 1-2	9-16	1 3-4	.52	4 1-2	1	4
7	1-2	1 1-2	.40	3 3-4	3-4	3 1-2
6	7-16	1 1-4	.30	3	1-2	3
5	3-8	1 1-8	.25	2 1-2	1-4	2 1-2

## Crucible Cast Steel

With 6 Strands of 12 Wires Each. Hemp Centre.

Price per Foot, in Cents.	Diameter.	Circumference in Inches.	Weight per Foot, in Pounds.	Breaking Strain in Tons of 2000 Lbs.	Proper Working Load in Tons of 2000 Lbs.	Circumference of Hemp Rope of Equal Strength.
71	1 1-2	4 3-4	8.60	69 1-2	13 3-4	13
60	1 3-8	4 1-4	2.90	57 1-2	11 1-2	12
50	1 1-4	4	2.35	48	9 1-2	11 1-2
41	1 1-8	3 1-2	1.90	39 1-2	7 1-2	10
33	1	3 1-8	1.50	31 1-2	6 1-4	9 1-4
26	7-8	2 3-4	1.10	23 1-2	4 3-4	8
23	13-16	2 1-2	.84	21	4	7
20	3-4	2 3-8	.86	17 1-2	3 1-2	6 1-2
16	5-8	2	.62	13 1-2	2 1-2	5 1-4
14	9-16	1 3-4	.62	8 1-2	1 3-4	5
12	1-2	1 1-2	.40	6 3-4	1 1-2	4 1-2
11	7-16	1 1-4	.30	4 1-2	1	4
10	3-8	1 1-8	.25	4 1-4	3-4	3 3-4

Tables of Weights and Strength are Approximate.

**PLIABLE HOISTING ROPES**

Siemens-Martin Steel

With 6 Strands of 19 Wires each. Hemp Centre.

Working Load 2000 Lbs.	Circumference of Hemp Rope of Equal Strength.
1-2	10 3-4
1-4	10
	9 1-4
	8
	7
1-4	6 1-2
	5 1-4
1-2	4 1-4
	4
1-4	3 1-4
1-2	3
1-3	2 1-2
1-4	2

Price per foot in Cents	Diameter	Circumference in Inches	Weight per foot in Pounds	Breaking Strain in Tons of 2,000 Lbs.	Proper Working Load in Tons of 2,000 Lbs.	Circumference of Hemp Rope of equal strength	Min. Size of Drum in Feet
67	2	6 1-4	6.30	62	12 1-2	14 1-2	7
59	1 3-4	5 1-2	5.25	52	10 1-2	13	8 1-2
50	1 5-8	5	4.10	41	8 1-2	12	5
45	1 1-2	4 3-4	3.60	36	7 1-2	11 1-2	4 3-4
37	1 3-8	4 1-4	2.90	30	6 1-2	10 1-4	4 1-2
32	1 1-4	4	2.35	25	5	9 1-2	4
25	1 1-8	3 1-2	1.90	20	3 1-2	8	3 1-2
22	1	3 1-8	1.50	16	3	7	3
17	7-8	2 3-4	1.10	12 1-2	2 1-2	6	2 3-4
14	3-4	2 3-8	.86	9	1 3-4	5	2 1-2
12	5-8	2	.62	6	1 1-4	4 1-2	2
10	9-16	1 3-4	.52	4 3-4	3-4	4	1 3-4
8	1-2	1 1-2	.40	4	1-2	3 1-2	1 1-2
7	7-16	1 1-4	.30	3	1-4	3	1 1-4
6	3-8	1 1-8	.23	2 1-2	1-5	2 1-4	1

**Crucible Cast Steel**

With 6 Strands of 19 Wires each. Hemp Centre.

Working Load 2000 Lbs.	Circumference of Hemp Rope of Equal Strength.
1-2	11 1-2
1-4	10
1-2	9
	8
1-4	7
1-2	6 1-4
	5
1-2	4 1-2
	4
1-4	3 1-2
1-2	3
1-4	2 1-2

Price per foot in Cents	Diameter	Circumference in Inches	Weight per foot in Pounds	Breaking Strain in Tons of 2,000 Lbs.	Proper Working Load in Tons of 2,000 Lbs.	Circumference of Hemp Rope of equal strength	Min. Size of Drum in Feet
80	1 5-8	5	4.10	86	17	14 1-2	6
71	1 1-2	4 3-4	3.60	77	15	13	5 1-2
60	1 3-8	4 1-4	2.90	63	12	12	5
50	1 1-4	4	2.35	52	10	11 1-2	5
41	1 1-8	3 1-2	1.90	42	8	10	4 1-2
34	1	3 1-8	1.50	33	6	9 1-4	4
27	7-8	2 3-4	1.10	25	5	8	3 1-2
21	3-4	2 3-8	.86	18	3 1-2	7	3 1-2
18	5-8	2	.62	14	2 1-4	6 1-2	3 1-2
17	9-16	1 3-4	.52	9	1 1-2	5 1-4	3
15	1-2	1 1-2	.40	7 1-2	1 1-4	5 1-4	2 3-4
14	7-16	1 1-4	.30	5	1	4 1-2	2
13	3-8	1 1-8	.23	4 3-4	3-4	4	2
						3 3-4	1 1-2

Special Wire Rope for Well Drilling, 5-8 and 3-4 Inch Diameter.

**Wire Sash Cord**

Working Load 2000 Lbs.	Circumference of Hemp Rope of Equal Strength.
4	13
2	12
2	11 1-2
2	10
4	9 1-4
4	8
2	7
2	6 1-2
4	5 1-4
4	5
2	4 1-2
4	4
4	3 3-4

PRICE PER FOOT		Diameter in Inches	Breaking Strain in Pounds	Proper Working Load in Pounds
Galvanized or Tinned	Bright Steel			
4 3-4	3 1-2	5-16	3,200	800
4 1-4	3 1-4	9-32	3,000	600
3 1-2	3	1-4	2,300	400
3 1-4	2 1-2	7-32	1,525	300
2 3-4	2	3-16	1,100	250
2 1-2	1 3-4	5-32	800	160
2	1 1-2	1-8	490	100
1 1-2	1 1-4	3-32	280	50
1 1-4	1	1-16	100	15

These goods in galvanized wire, size 1-4, 7-32 and 3-16, are suitable for raising and lowering electric light street lamps, also for flag halyards, bell cords, etc.

The weights and strengths in these tables are approximate.

**GALVANIZED STEEL WIRE STRAND**

For Signal Cord, Smoke Stack Stays, Seizing, Span Wire, etc.



PRICE PER POUND, CENTS.	SIZE OF WIRE (GAUGE).	DIAMETER IN INCHES.	WEIGHT PER 1000 FEET, IN POUNDS.	BREAKING STRAIN IN POUNDS.
9	8	1-2	500	9,520
9	9	7-16	425	7,910
9	10	13-32	310	6,475
9	11	11-32	240	5,300
9½	12	5-16	200	4,250
10	13	9-32	180	3,311
10½	14	15-64	120	2,500
11	15	7-32	100	1,900
12	16	3-16	75	1,540
13	17	5-32	55	1,155
14	18	9-64	42	880
15	19	1-8	33	720
16	20	7-64	25	560
17	21	3-32	20	400

The strength and weight given in these tables are approximate. For running ropes, see Sash Cord List, page 548.

**Galvanized Clothes Line Wire**



Nos. 19, 18, 17, 16.

Strands, No. 16 wire, galvanized	Per 100 feet	\$1.00
Strands, No. 17 wire, galvanized	Per 100 feet	.70
Strands, No. 18 wire, galvanized	Per 100 feet	.53
Strands, No. 19 wire, galvanized	Per 100 feet	.43

In 50 and 100 feet rolls.



COIL CHAIN



Self Color, Close Link, Proved

Inch. ....	1-8 No. 6	3-16 No. 5	3-16 No. 4	3-16 No. 3	1-4	5-16	3-8	7-16
Inch. ....	1-2	9-16	5-8	3-4	7-8	1	11-8	11-4

Prices on application.

Best Best Crane Chain

Inch. ....	3-8	7-16	1-2	9-16	5-8	3-4
------------	-----	------	-----	------	-----	-----

Prices on application.

English Coil Chain

Size and Weight per Fathom, Proof Strain, Admiralty Test, Etc.

Inch. ....	3-16	1-4	5-16	3-8	7-16	1-2	9-16	5-8
Weight, per fathom, lbs. . .	21-2	5	7	9 1-2	13	16 1-4	21	26
Proof Strain, tons (gross). . .	1-4	1-2	1	1 5-8	2 1-4	3	3 3-4	4 5-8
Inch. ....	3-4	7-8	1	1 1-8	1 1-4	1 3-8	1 1-2	
Weight, per fathom, lbs. . .	38	49	65	78	90	108	125	
Proof Strain, tons (gross). . .	6 3-4	9 1-8	12	15 1-4	18 3-4			

American Coil Chain

Size and Weight per Fathom, Proof Test and Breaking Strain

Inch. ....	3-16	1-4	5-16	3-8	7-16	1-2	9-16	5-8
Weight, per fathom, lbs. . .	3	4 1-2	6 1-2	9	12	15	18	24
Proof Test, tons (net). . . .	1-2	3-4	1 1-2	2	3	4	5	6
Breaking Strain, tons (net)	1	1 1-2	3	4	6	8	10	12
Inch. ....	3-4	7-8	1	1 1-8	1 1-4	1 3-8	1 1-2	
Weight, per fathom, lbs. . .	84	47	61	74	92	112	135	
Proof Test, tons (net) . . . .	8	10	13	15 1-2	19 1-2	23	29	
Breaking Strain, tons (net)	16	19	23 1-2	28	35 1-2	43	53	

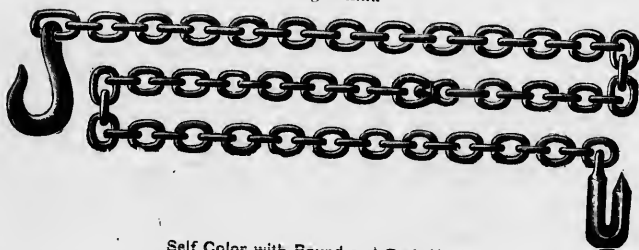
Rake Chain

Lifting Chain

English and American Chain of every description imported to order.

Logging Chains

Straight Link



Self Color with Round and Grab Hook

Inch. ....	5-16	3-8
Length, feet. ....	14	14

Prices on application.

INCH.	BREAKING STRAIN IN POUNDS.
.....	9,520
.....	7,910
.....	6,475
.....	5,300
.....	4,250
.....	3,311
.....	2,500
.....	1,960
.....	1,540
.....	1,155
.....	889
.....	720
.....	580
.....	400

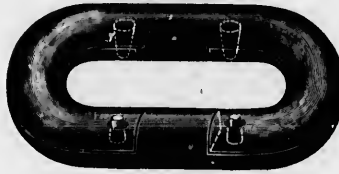
Shash Cord List, page 549.



17, 16.

.....	Per 100 feet	\$1.00
.....	Per 100 feet	.75
.....	Per 100 feet	.55
.....	Per 100 feet	.45

## LLOYD'S PATENT REPAIR LINKS



Inch.....	3-16	1-4	5-16	3-8	7-16	1-2
Per gross.....	\$0.45	.45	.50	.55	.75	.90

One dozen in a package.



## Wrought Iron Open Links

## WROUGHT IRON.

Inch.....	3-16	1-4	5-16	3-8	7-16	1-2
Per gross.....	\$1.35	1.50	2.20	3.50	4.80	6.50

3 16 to 5-16, half gross in a box, other sizes as wanted.

## Timber Scribes



No. 962 1-2—Cast steel, wood handle ..... Per dozen \$3.50

Half dozen in a box.

BO  
PAT  
IMP  
FO  
CAN  
SOC

Cut showin  
Soc

Feet....  
Selected

Pike Poles  
Pike Poles

LUMBERING TOOLS

NOTE—When CANT HOOKS are ordered the regular Cant Hook WITHOUT PIKE will always be supplied



Cut showing Style of Socket.

Patent Improved "Boss" Peavies

Wrought Iron Forged Sockets Hooks and Picks of Extra Cast Steel Rock Maple Handles.



No. 2—Boss Peavey, handle 2 1-2 inch diameter, hooks 7-8 x 1-2 inch, 10 1-2 inches long, pick 7-8 inch square, 11 inches long, weight 11 pounds..... Per dozen \$24.00

No. 3—Boss Peavey, handle 2 3-4 inch diameter, hooks 1 x 1-2 inch, pick 7-8 inch square  
Per dozen 25.50

"Boss" Mill Cant Hooks



No. 2—Mill Cant Hook handle 2 1-2 inch diameter, hooks 7-8 x 1-2 inch, 10 1-2 inches long  
Per dozen \$22.50

Cant Hook Handles



Feet.....	4 1-2	5	5 1-2
Selected Maple.....	\$3.50	4.00	4.50
	Per dozen		

Pike Poles

WITH PIKE AND HOOK.



Pike Poles, with Pike and Hook, selected white ash handles, 12 feet..... Per dozen \$32.50  
Pike Poles, with Pike and Hook, selected white ash handles, 14 feet..... Per dozen 25.00

3-8 7 16 12  
.55 .75 .90

3-8 7 16 12  
3.50 4.80 6.50

anted.

..... Per dozen \$3.50



LARGE HEEL.



SMALL HEEL.



LARGE BALL.



MED. BALL.



SMALL BALL.

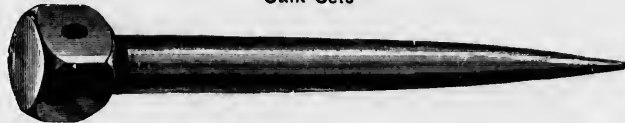
**BOOT CALKS**

CAST STEEL. PATENT BEADED.

Small Ball.....	Per thousand \$
Medium Ball.....	Per thousand
Large Ball.....	Per thousand
Small Heel.....	Per thousand
Large Heel.....	Per thousand

Ball Calks, 500 in a box. Heel Calks, 250.

**Calk Sets**



Common Calk Sets, cast steel..... Per dozen \$2.25

**Calk Set and Punch**



Calk Set and Punch, combined, cast steel..... Per dozen \$3.50

**Skidding Tongs**



Skidding Tongs, cast steel, 1 1-8 inch, octagon, opens 32 inches..... Each \$8.00

No. ....  
Size of ...  
Per gro...

No. 0 - C  
No. 1 - C  
No. 2 - C

No. 26861

Ship Carp  
Ship Carp

BRASS GROMMETS AND WASHERS



No.	0	1	2	3	4
Size of hole, inch	3-16	1-4	3-8	7-16	9-16
Per gross	\$0.50	.85	1.00	1.25	1.75

Caulking Irons

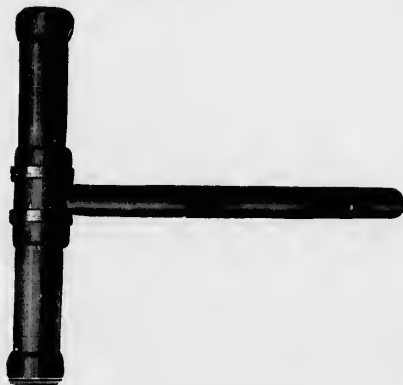


No. 0—Caulking Irons, flat bottom	Per dozen	\$9.00
No. 1—Caulking Irons, single crease	Per dozen	9.50
No. 2—Caulking Irons, double crease	Per dozen	9.75

Half dozen in a package.

Caulking Mallets

Sailors' Palm



No. 2686E—Sailors' Palms, hide mounted, seaming	Per dozen	4.50
Ship Carpenters' Mallets, live oak, polished rings	Each	\$4.50
Ship Carpenters' Mallets, No. 2	Each	3.50

**OAR LOCKS**

MALLEABLE.



No. 1—Tinned ..... Per dozen pairs \$6.00 | No. 2—Tinned ..... Per dozen pairs \$6.00



No. 3—Tinned ..... Per dozen pairs \$6.00 | No. 4—Tinned ..... Per dozen pairs \$7.30

All above have sockets as No. 1.



GALVANIZED.

2 inch ..... Per dozen pairs \$5.00  
 2 1-2 inch ..... Per dozen pairs 7.00

Above can be supplied in quantities, plain if desired.

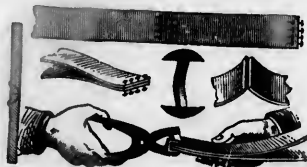
POINTED BELT HOOKS.



	Cuts are full size.										
Nos.....	2	3	4	5	6	7	8	9	10	11	
Per 100.....	\$0.90	.75	.60	.45	.36	.27	.25	.20	.15	.12	

Nos. 2 to 5, 100 in a box; 6 to 8, 200; 9 and 10, 300; 11, 400.

Blake's Improved Belt Studs



Nos.....	0	1	2
Per 100.....	\$2.00	1.50	1.15

Belt Studs in boxes of 100.

..... Per dozen pairs \$6.00

..... Per dozen pairs \$7.30

..... Per dozen pairs \$5.00

..... Per dozen pairs 7.00

if desired.

**RAPID HARNESS MENDERS.**

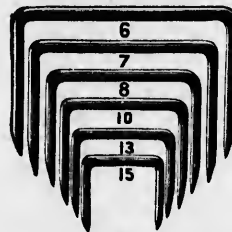


Cuts Showing Box and Method of Applying to Straps.

Packed One Gross of Assorted Sizes in a Small Tin Box.....Per Dozen Boxes, \$3.00

ONE DOZEN BOXES IN A COUNTER DISPLAY CASE.

**Buffalo Belt Fast.**



Full Size Cuts.



Cut Showing Method of Joining New Belts.



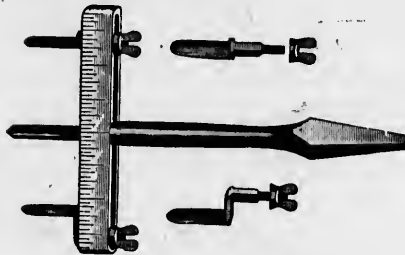
As used for Repairing.

Numbers .....	6	7	8	10	13	15
Per Thousand.....	\$5.00	4.00	3.50	2.50	2.00	1.50

TWO HUNDRED IN A BOX.



APPLETON'S PATENT WASHER CUTTERS



11 If size cut of No. 1. Patented.

Cutters and Centre of best Cast Steel.

No. 1—Tinned Malleable Iron, best Cast Steel Cutters ..... Per dozen \$12.00  
Half dozen in a box.

Elliott's Lace Cutters



A perfect little tool for cutting all kinds of lacing to any width from 3-8 to 3-4 inch.

The cost of a Cutter may be saved in cutting up one side of leather.

ELLIOTT'S Lace Cutters..... Per dozen \$8.25

Saddlers' Punches

AMERICAN.



Full size cut of No. 6.

Full size of Holes	2	3	4	5	6	7	8	9	10	12
Nos.....	2	3	4	5	6	7	8	9	10	12
Per dozen.....	\$1.65	1.65	1.65	1.65	1.90	1.90	1.90	1.90	2.10	2.10

One dozen in a box.



No. 910.

Nos.....	5	6	7	8
Per dozen.....	\$1.85	1.35	1.35	1.35

One dozen in a box.



Boxes, \$3.00



15  
1.50

LEATHER AND RUBBER BELTING



Leather				Rubber					
Hoyt's American Oak Tanned		Canadian		Two Ply		Three Ply		Four Ply	
Inch	Per Foot	Inch	Per Foot	Inch	Per Foot	Inch	Per Foot	Inch	Per Foot
1	\$0.10	1	\$0.10	1	\$0.07	1 1-2	.....	2	\$0.21
1 1-2	.17	1 1-4	.13	1 1-4	.09	2	\$0.17	2 1 2	.26
2	.23	1 1-2	.17	1 1-2	.11	2 1-2	.22	3	.31
2 1-2	.30	1 3-4	.20	2	.15	3	.26	3 1-2	.37
3	.36	2	.23	2 1-2	.18	3 1-2	.30	4	.42
3 1-2	.43	2 1-4	.26	3	.22	4	.34	4 1-2	.47
4	.50	2 1-2	.30	3 1-2	.26	4 1-2	.39	5	.52
4 1-2	.56	3	.36	4	.30	5	.43	6	.62
5	.63	3 1-2	.43	.....	.....	6	.52	7	.73
5 1-2	.70	4	.50	.....	.....	7	.60	8	.84
6	.78	4 1-2	.56	.....	.....	8	.70	9	.95
7	.90	5	.63	.....	.....	9	.80	10	1.07
8	1.02	5 1-2	.70	.....	.....	10	.90	11	1.18
9	1.15	6	.78	.....	.....	11	1.00	12	1.30
10	1.29	7	.90	.....	.....	12	1.08	13	1.42
11	1.42	8	1.02	.....	.....	13	1.18	14	1.54
12	1.55	9	1.15	.....	.....	14	1.28	.....	.....
13	1.68	10	1.29	.....	.....	.....	.....	.....	.....
14	1.82	11	1.42	.....	.....	.....	.....	.....	.....
.....	.....	12	1.55	.....	.....	.....	.....	.....	.....
.....	.....	13	1.68	.....	.....	.....	.....	.....	.....
.....	.....	14	1.82	.....	.....	.....	.....	.....	.....

For 5 or 6 Ply Belts 25 per cent. advance on prices of 4 Ply for each additional Ply.

ENDLESS BELTS TO ORDER.

DOUBLE BELTS DOUBLE PRICE.

Horse-power of a belt equals velocity in feet per minute, multiplied by the width—the sum divided by 1000.  
 One inch single belt, moving at 1000 feet per minute = 1 horse power.  
 Double belts about 700 feet per minute, per 1 inch width = 1 horse-power.  
 For double belts of great length, over large pulleys, allow about 500 feet per minute per 1 inch of width per horse power.  
 Power should be communicated through the lower running side of a belt; the upper side to carry the slack.  
 Average breaking weight of a belt, 3-16 x 1 inch wide—Leather 530 lbs.: 3-ply rubber, 600 lbs.  
 The strength of a belt increases directly as its width. The co-efficient of safety for a laced belt is—  
 Leather = 1-16 breaking weight. Rubber = 1-8 breaking weight.

To Find Length of Belting When Closely Rolled

The sum of the diameters of the roll and the eye in inches, multiplied by the number of turns made by the belt, and this product multiplied by the decimal .1809 will equal length of the belt in feet.

Lace Leather

Patent Buckakin, assorted sizes, 1 1-2 to 6 lbs.....	Per pound \$
Live Oak, assorted sizes, 1 1-2 to 6 lbs.....	Per pound
Cut Laces, 3-8 and 1-2 inch wide.....	Per pound

Lace Leather is sold at original weights as received from makers.

DIAMETER. INCHES.  
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 These used with t  
 DIAMETER. INCHES.  
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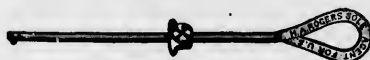
**GAUGE GLASSES**



**Moncrief's Genuine Perth Gauge Glasses**

Length—Inch	7 1-2	10	12	14	15	16	18	20	22
1-2 Inch diameter . . . . . Per dozen	\$0.45	.60	.70	.80	.....	.....	.....	.....	.....
5-8 Inch diameter . . . . . Per dozen	.....	.75	.90	1.05	1.15	1.20	1.35	1.45	.....
3-4 Inch diameter . . . . . Per dozen	.....	.....	.....	1.30	.....	1.50	1.65	1.80	2.10

**Gauge Glass Cutters**



Rogers' Favorite . . . . . Per dozen \$5.00

**Gauge Glass Washers**

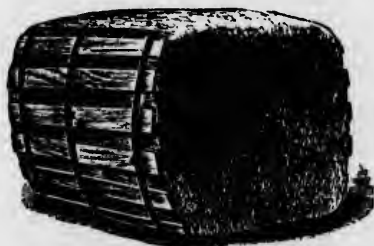
I. R. Gauge Glass Washers, 1-2 inch . . . . . Per dozen \$0.20  
 I. R. Gauge Glass Washers, 5-8 inch . . . . . Per dozen 0.25

**Cotton Waste**



White Machined Cotton Waste, in 100 lb. bales . . . . . Per pound \$0.12 3/4  
 White Machined Cotton Waste, in 50 lb. bales . . . . . Per pound .13 1/2  
 Colored Machined Cotton Waste . . . . . Per pound .09 1/2

**Oakum**



Navy Oakum . . . . . Per pound \$0.09  
 U. S. Navy Oakum . . . . . Per pound 0.11  
 Best Navy Oakum . . . . . Per pound 0.13  
 In 50 lb. bales.  
 No. 1—Spun Cotton Oakum . . . . . Per pound 0.15

Sea Coal  
 Carbonize  
 Heavy M  
 Charcoal  
 Soapstone  
 Stove Pla  
 Stove Pla  
 Lehigh Fu  
 Return Fu  
 Prepared  
 Mineral Fu  
 Mineral Fu  
 Plumber  
 Perf  
 "Ramsay"  
 American  
 Fire Clay,  
 Hillsboro  
 G Resin, amb  
 Navy Pitch  
 Coal Tar Roof  
 North Carolina  
 North Carolina  
 North Carolina  
 North Carolina  
 Coal Tar

FOUNDRY FACINGS

Sea Coal Facing.....	Per barrel	\$1.50
Carbonized Lead Facing.....	Per barrel	5.00
Heavy Machinery Facing.....	Per barrel	5.00
Charcoal Facing.....	Per barrel	3.60
Soapstone Facing.....	Per barrel	3.50
Stove Plate Facing, No. 1.....	Per barrel	5.50
Stove Plate Facing, No. 2.....	Per barrel	4.50
Lehigh Facing.....	Per barrel	3.50
Return Facing.....	Per barrel	4.50
Prepared Facing.....	Per barrel	4.50
Mineral Facing, XX.....	Per barrel	3.50
Mineral Facing, XXX.....	Per barrel	3.75
Plumbago or Silver Lead.....	Per barrel	3.75
Per sh Plumbago.....	Per pound	0.06
	Per pound	0.06

Fire Bricks

"Ramsay" Fire Bricks.....	Per 1000 \$
American Fire Bricks.....	Per 1000

Fire Clay

Fire Clay, in barrels, about 350 lbs.....	Per barrel \$
---	---------------

Portland Cement

Water Lime

Plaster

Hillsboro Plaster.....	Per barrel \$
------------------------	---------------

Resin

G Resin, amber grade.....	Per 100 pounds \$
---------------------------	-------------------

Pine Pitch

Navy Pitch.....	Per barrel \$
-----------------	---------------

Roofing Pitch

Coal Tar Roofing Pitch.....	Per 100 pounds \$
-----------------------------	-------------------

Pine Tar

North Carolina Pine Tar, strictly pure, 1/2 pint tins.....	Per dozen \$
North Carolina Pine Tar, strictly pure, 1 pint tins.....	Per dozen
North Carolina Pine Tar, strictly pure, 1 quart tins.....	Per dozen
North Carolina Pine Tar, strictly pure, in barrels.....	Per barrel
Coal Tar.....	Per barrel

18 20 22  
 1.35 1.45  
 1.65 1.80 2.10

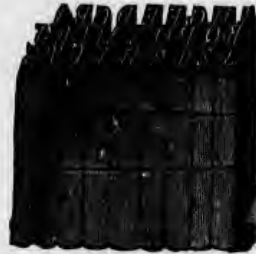
Per dozen \$5.00

Per dozen \$0.20  
 Per dozen 0.25

Per pound \$0.12 3/4  
 Per pound .13 1/2  
 Per pound .09 1/2

Per pound \$0.09  
 Per pound 0.11  
 Per pound 0.13  
 Per pound 0.15

STEEL LETTER AND FIGURE STAMPS



<b>Steel Letters</b>				
Inch .....	1-8	3-16	1-4	5-16
Sharp, per set .....	\$2.10	2.75	3.50	4.50
Blunt, per set .....		2.40	3.00	
<b>Steel Figures</b>				
Inch .....	1-8	3-16	1-4	
Sharp, per set .....	\$1.00	1.15	1.30	
Blunt, per set .....	.90	1.10		

Letter Presses



B P—Plain Japanned, Nos. 4	5	6	B B—Japanned and Bronzed, No. 4	
Size, inch.....10 x 12 1-2	10 x 15	11 x 16	Size, inch.....	10 x 12 1-2
Each .....	\$6.50	8.25	12.75	Each .....
				\$7.25

Melting Ladles



<b>Malleable</b>				
Nos.....	1	2	3	
Size of bowl, inch.....	4	5	6	
Per dozen.....	\$3.70	5.60	7.50	
<b>Wrought Melting Ladles</b>				
Size of bowl, inch.....	3	3 1-2	4	5
Per dozen.....	\$2.35	2.70	3.20	4.40
<b>Potash Ladles</b>				
Potash Ladles .....				Per dozen \$20.00

We il  
 31 Inch Sq  
 21 Inch Ti  
 21 Inch B.  
 No. 2 Circ  
 31 Inch Sh  
 No. 1 Para  
 No. 4 Bead  
 No. 2 Doub  
 No. 4 Form  
 No. 1 Wir  
 No. 1 Sett  
 No. 1 Large  
 No. 1 Smal  
 No. 1 Large  
 No. 1 Small  
 No. 1 Beac  
 Common Bl  
 Creasing Sta  
 Common Sq  
 Needlecase S  
 Candlemould  
 No. 4 Hatch  
 No. 1 Condu  
 No. 2 Hollow  
 No. 3 Mandr  
 Double Seam  
 Round Head S  
 No. 1 Double S  
 Set Solid Pun  
 Set Hollow Pu  
 No. 2 Riveting  
 No. 3 Setting E  
 Nos. 0, 85c, 2,  
 Nos. 0, 82c, 4,  
 No. 2 Steel Rai  
 No. 2 Bench Sh  
 No. 8 Hand She  
 No. 9 Circular E  
 Pair Cutting Ni  
 2 Mallets, 17 oer  
 3 Scratch Awls,  
 1 Cast Iron Fire  
 1 pair each, 2, 4

TINSMITH'S TOOLS AND MACHINES

We illustrate on the following pages a few of the leading lines we can supply. Complete illustrated catalogue sent on application.

The following list comprises almost all tools and machines required in ordinary tinner's shop.

Articles included in an ordinary Set of Tinsmith's Tools

31 Inch Squaring Shears.....		\$ 54.00
21 Inch Tin Folder.....		29.00
21 Inch B. M. Groover.....		16.20
No. 2 Circular Shears.....		26.00
31 Inch Sheet Iron Folder, No. 7.....		14.40
No. 1 Parallel Vice.....		5.85
No. 4 Beader.....		19.75
No. 2 Double Seamer, less setting down attachment.....		26.40
No. 4 Former (Iron), 31 inch x 1 3-4 inch.....		18.00
No. 1 Wiring Machine.....		15.60
No. 1 Setting Down Machine.....		12.70
No. 1 Large Turning Machine.....		13.35
No. 1 Small Turning Machine.....		13.00
No. 1 Large Burring Machine.....		11.70
No. 1 Small Burring Machine.....		11.05
No. 1 Beahorn Stake.....		16.50
Common Blowhorn Stake.....		5.50
Creasing Stake, with horn.....		4.40
Common Square Stake.....		3.30
Needlecase Stake.....		3.05
Candlemould Stake.....		3.05
No. 4 Hatchet Stake.....		3.05
No. 1 Conductor Stake.....		3.05
No. 2 Hollow Mandrel Stake.....		4.40
No. 3 Mandrel Stake.....		6.05
Double Seaming Stake, with 4 heads.....		5.50
Round Head Stake.....		9.90
No. 1 Double Seaming Stake (wrought).....		1.40
Set Solid Punches and Chisels.....		9.90
Set Hollow Punches.....		.80
No. 2 Riveting Hammer, handled.....		6.05
No. 3 Setting Hammer, handled.....		.80
Nos. 0, 35c., 2, 70c., and 4, 55c., Hand Groovers.....		.66
Nos. 0, 82c., 4, 55c., and 6, 42c., Rivet Sets.....		2.10
No. 2 Steel Raising Hammer.....		1.79
No. 2 Bench Shears.....		1.95
No. 8 Hand Shears.....		7.15
No. 9 Circular Hand Shears.....		2.40
Pair Cutting Nippers.....		3.50
2 Mallets, 17 cents each.....		2.84
2 Scratch Awls, 14 cents each.....		.34
1 Cast Iron Fire Pot.....		.28
1 pair each, 2, 4 and 6 lb. Sol Irons=12 lbs., at.....		2.80

1-4 5-16  
 3.50 4.50  
 3.00  
 3-16 1-4  
 1.15 1.30  
 1.10  
 4  
 10 x 12 1/2  
 87.25  
 2 3  
 5 6  
 5.60 7.30  
 4 5  
 8.20 4.40  
 Per dozen \$20.00

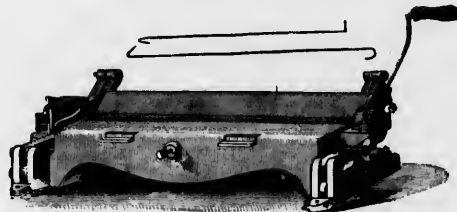
TINSMITHS' TOOLS AND MACHINES

Solid Frame Wiring Machine



Solid Fraue Wiring Machines ..... Each \$15.50

Folding Machines



ADJUSTABLE BAR FOLDER.

We present to the trade the best Bar Folder ever produced. This machine will form square joints or angles, turn narrow or wide locks, turn round edges for wiring. It will also form open or close locks as desired. The gauge will always be true, no matter how much worn. It is provided with square and bevel stops, also a universal stop that can be set at any angle required, which enables the operator to do accurate work with greater speed. This is the only Folding Machine having a universal stop.

No. 1—For tin, 21 inches, folds edge 1 inch ..... \$29 00  
 No. 2—For tin, 31 inches, folds edge 1 3/8 inch..... 42 00  
 No. 3—For tin, 36 inches, folds edge 1 inch ..... 66 00

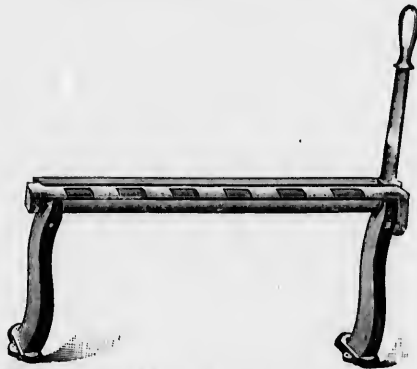
No. 7—F  
 No. 4—W  
 No. 5—W  
 No. 6—W  
 No. 8—N  
 No. 9—N  
 Nos. 8  
 No. 10—Iv

No. 2—For c  
 No. 3—For st  
 No. 4—For st  
 No. 5—For ti  
 No. 6—For ti  
 No. 7—For ti

No. 5 1-2—Fo  
 No. 6 1-2—Fo  
 No. 7 1-2—Fo

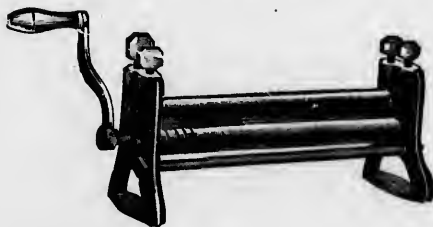


SHEET IRON FOLDING MACHINES



- No. 7—For stove pipe, 31 inches. This machine is the most popular style in the market..... Each \$14.40
  - No. 4—Wood bottom, for sheet iron, 30 inches long..... Each 13.00
  - No. 5—Wood bottom, for sheet iron, 40 inches long..... Each 19.80
  - No. 6—Wood bottom, for sheet iron, 48 inches long..... Each 24.20
  - No. 8—New Style Sheet Iron Folder, 31 inches..... Each 18.00
  - No. 9—New Style Sheet Iron Folder, 37 inches..... Each 30.00
- Nos. 8 and 9 are specially designed and produce a straighter edge than any other style of Sheet Iron Folder.
- No. 10—Iron Bottom Folder, 31 inches..... Each 16.10

Stove Pipe Formers



- No. 2—For cans, 2 inch rollers, 37 inches long..... IRON..... STEEL.....
- No. 3—For stove pipe, 2 inch rollers, 31 inches long..... \$24.00..... \$27.00
- No. 4—For stove pipe, 1 1/2 inch rollers, 31 inches long..... 19.00..... 21.00
- No. 5—For tin pipe, 1 1/2 inch rollers, 21 inches long..... 18.00..... 20.00
- No. 6—For tin pipe, 1 1/2 inch rollers, 16 inches long..... 11.00..... 12.65
- No. 7—For tin pipe, 1 inch rollers, 12 inches long..... 9.90..... 11.55

With Slip-Roller

- No. 5 1-2—For tin pipe, 1 1/2 inch rollers, 21 inches long..... 13.00..... 14.65
- No. 6 1-2—For tin pipe, 1 1/2 inch rollers, 16 inches long..... 11.90..... 13.55
- No. 7 1-2—For tin pipe, 1 inch rollers, 12 inches long..... ..... 11.90

**CIRCULAR SHEARS**

With two pairs Discs, one pair each 2 1-4 and 5 3-4 Inches in Diameter. Will cut Circles from 2 3-4 to 14 Inches in Diameter

**No. 1**

Complete, with two pairs of Discs.....	Each	\$24.20
Extra for Discs.....	Per pair	2.20
Extra for Cutters.....	Per pair	5.00



**No. 2**

The above cut represents an Improved Circular Shears. The improvement is on the side head, which carries the discs, it being locked by a clamp screw on the bed, instead of a set screw on the side, which breaks away the face of the slide, and thereby renders it impossible to set the machine accurately. The clamp screw enables the operator to set the machine instantly and firmly, and has no tendency to tip the head (as the set screw has), and therefore insures better work.

No. 2—Cuts circles from 2 1-4 to 19 inches.....	\$38.00
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**Double Seaming and Setting Down Machine**



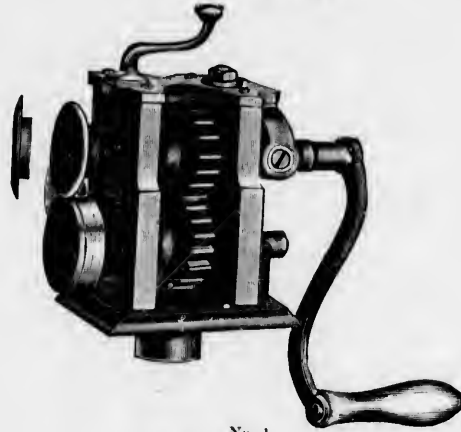
The above cut represents a machine that is superior to any yet contrived for double seaming and setting down. It combines the good points of all other machines without their defects, and can be worked by a top screw or treadle without any adjustment. The Setting Down Attachment can be turned aside, when not in use, by a touch of the hand, and is geared with cog wheels same as the ordinary setting down machine; this latest improvement makes the Double Seamer perfect. It will double seam an article 15 1-2 inches deep, and do it quicker and better than any other machine made.

No. 2—Complete with Deflecting Head and Setting Down Attachment.....	\$31.00
No. 2—Without Setting Down Attachment.....	26.40

No. 1—  
No. 1—  
No. 1—  
No. 1—  
No. 1—  
Full set  
Full set  
Full set  
No.

No. 1—100  
No. 2—100  
No. 3—100  
No. 4—100  
No. 5—100

BURRING MACHINES



No. 1.

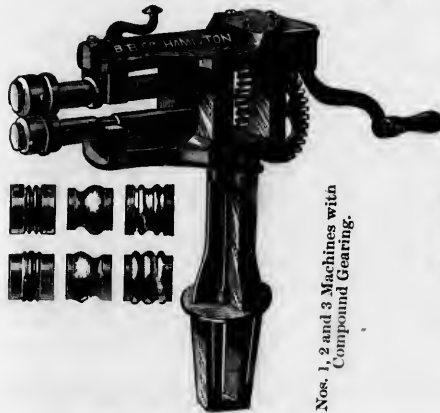
Large Burring Machine

Prices of No. 1 Small Machines Made up as follows :

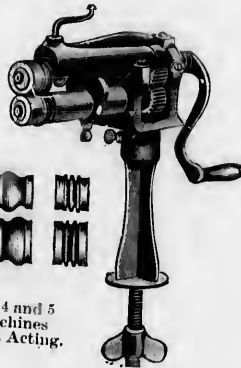
No. 1—Wiring Machine, with No. 1 Standard .....	\$15.00
No. 1—Setting Down Machine, with No. 1 Standard .....	12.70
No. 1—Large Turning Machine, with No. 1 Standard .....	13.35
No. 1—Small Turning Machine, with No. 1 Standard .....	13.00
No. 1—Large Burring Machine, with No. 1 Standard .....	11.70
No. 1—Small Burring Machine, with No. 1 Standard .....	11.05
Full set No. 1 Machines, No. 1 Standards .....	77.40
Full set No. 1 Machines, Patent Standards .....	79.40
Full set No. 1 Machines, without Standards .....	71.60

No. 1 Standards always sent with No. 1 Machines unless otherwise ordered.

Beading Machines



Nos. 1, 2 and 3 Machines with Compound Gearing.



Nos. 4 and 5 Machines Direct Acting.

No. 1—Improved, 13 inches, 3 pairs rollers and rotary stand .....	\$35.50
No. 2—Improved, 10 inches, 3 pairs rollers and rotary stand .....	34.40
No. 3—Improved, 7 1-2 inches, 3 pairs rollers and rotary stand .....	25.50
No. 4—Improved, 6 inches, 4 pairs rollers and rotary stand .....	19.75
No. 5—Improved, 4 inches, for tin, 5 pairs rollers and rotary stand .....	18.45

GROOVING MACHINES



No. 1.

Brass Mounted Groovers

No. 1—With standard, 20 inches long.....	\$16.20
No. 2—With standard, 17 inches long.....	13.20
Extra standards.....	1.00
Extra rollers.....	2.00
No. 3—Encased Groover, 20 inches long, with standard.....	16.20
No. 4—Brass Mounted Groover, 31 inches long, with standard.....	33.60
No. 5—Brass Mounted Groover, 37 inches long, with standard.....	39.60

Squaring Shears



Latest Improved Squaring Shears.

The unprecedented success we have had in the sale of these machines justifies us in guaranteeing them to give complete satisfaction; they are superior to anything in the market. The feature of having them *one inch longer* than American Shears is of considerable advantage to every tinsmith and sheet metal worker handling 30 inch stock, as invariably the sheet is a trifle wide.

This machine is of the most approved pattern, with carefully tempered and machine ground knives. Has adjustable gauges and steel springs. All parts are well proportioned and carefully finished.

No. 0 cuts 37 inches.....	\$80.00	Extra knives for No. 0.....	\$28.00
No. 1 cuts 31 inches.....	54.00	Extra knives for No. 1.....	16.00
No. 2 cuts 21 inches.....	45.60	Extra knives for No. 2.....	12.00

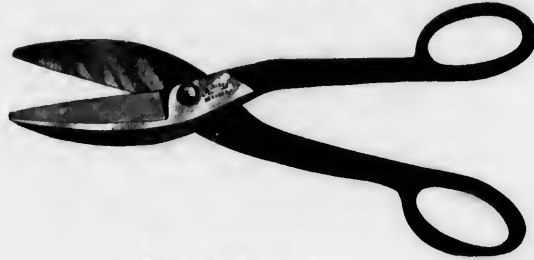
Nos.  
Length  
Per pair

Nos.  
Length  
Per pair

Soldering  
Soldering

No. 2

TINNERS' SNIPS



Straight Blade, Cast Steel

Nos.	6 1-2	7	8	9	10
Length of cut, inch	4 1-2	4	3 1-2	3	2 1-2
Per pair	\$3.50	3.00	2.40	1.90	1.75



Circular Blade

Nos.	7	8	9
Length of cut, inch	4	3 1-2	3
Per pair	\$4.50	4.00	3.50

Soldering Coppers



Pointed for common use.

Soldering Coppers, 1 and 1 1-2 lbs. per pair	Per pound	\$0.40
Soldering Coppers, 2 lbs. and over	Per pound	.35

"The Gem" Soldering Set



No. 2	Soldering Copper, Scraper, Box of Rosin, Bar of Solder	Per dozen sets	\$10.50
	One set in wood box.		

guaranteeing them to give  
 them one inch longer than  
 handling 30 inch stock, as  
 the ground knives. Has  
 \$28.00  
 16.00  
 12.00



For Steam, Water and Gas

Butt Welded

BLACK.

Inside diameter, inch .....	1-8	1-4	3-8	1-2	3-4	1	1 1/4
Price per foot .....	\$0.06	.06	.07	.08 1-2	.12	.17	.24
Approximate weight per foot, lbs.....	0.24	.42	.56	.84	1.12	1.67	2.24

GALVANIZED.

Inside diameter, inch .....	1-8	1-4	3-8	1-2	3-4	1	1 1/4
Price per foot .....	\$0.06	.06	.07	.08 1-2	.12	.17	.24

Lap Welded

BLACK.

Inside diameter, inch .....	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	6
Price per foot .....	\$0.80	.43	.52	.68	.81	.95	1.25	1.42	1.85
Approximate weight per foot, lbs.....	2.66	3.61	5.74	7.54	9.00	10.66	12.34	14.50	18.76

GALVANIZED.

Inside diameter, inch .....	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	6
Price per foot .....	\$0.30	.43	.62	.80	.98	1.16	1.50	1.75	2.20

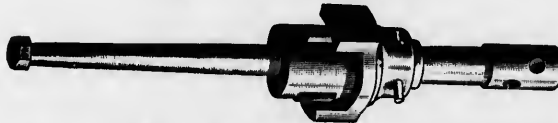
Lap Welded Boiler Tubes

External diameter, inch .....	1 1/2	2	2 1/2	3
Price per foot.....	\$			

Approximate Weight of Boiler Tubes per Foot

Inch.....	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	4	4 1/2	5	6
Lbs.....	1.15	1.40	1.85	1.91	2.16	2.75	3.04	3.33	3.96	4.28	5.47	6.17	7.58	10.16

Dudgeon Roller Tube Expander



Inch.....	1	1 1/4	1 7/8	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3
Each.....	\$5.00	5.00	5.25	5.25	5.25	5.60	5.60	6.30	7.00	7.80
Inch.....	3 1/4	3 1/2	3 3/4	4	4 1/2	5	6	7		
Each.....	\$8.75	10.00	12.00	12.00	14.00	17.00	21.00	26.00		

Boiler Rivets

Approximate Number in a Keg or Box of 100 Lbs.

LENGTH	1-2 inch	3-16 inch	5-8 inch	11-16 inch	3-4 inch	7-8 inch	LENGTH	1-2 inch	3-16 inch	5-8 inch	11-16 inch	3-4 inch	7-8 inch
1 inch...	690	760	560	450			2 1-8 inch...	590	500	354	289	237	152
1 1-8 " .....	875	725	530	415			2 1-4 " .....	555	490	347	280	232	149
1 1-4 " .....	800	690	490	389	356	228	2 1-2 " .....	525	475	335	260	219	141
1 3-8 " .....	700	650	460	370	329	211	2 3-4 " .....	500	440	312	242	211	133
1 1-2 " .....	720	625	425	357	290	180	3 " .....	460	410	290	224	203	127
1 5-8 " .....	710	595	405	340	271	174	3 1-4 " .....	430	380	267	212	190	115
1 3-4 " .....	690	550	390	325	264	169	3 1-2 " .....	410	350	248	201	180	108
1 7-8 " .....	665	530	375	312	257	165	3 3-4 " .....	395	335	241	192	162	102
2 " .....	690	510	360	297	248	156	4 " .....		326	230	184	153	99

Nos. ....  
Cuts, inch.....  
Each.....  
Extra Cutters...

Nos. ....  
Cuts, inch.....  
Each.....  
Extra Cutters...

Nos. ....  
Cuts, inch.....  
Each.....  
Extra Cutters...

Nos. ....  
Takes pipe, inch. ....  
Each.....

PIPE CUTTERS

Barnes' Improved



Nos. ....		<b>1</b>	<b>2</b>
Cuts, inch.....		1-8 to 3-4	1 to 2
Each.....		\$3.00	4.50
Extra Cutters.....	Each	.25	.30

The Stanwood Pipe Cutter



Nos. ....		<b>1</b>	<b>2</b>	<b>3</b>
Cuts, inch.....		1-8 to 3-4	1 to 2	2 to 3
Each.....		\$3.00	4.50	14.00
Extra Cutters.....	Each	.25	.35	.45

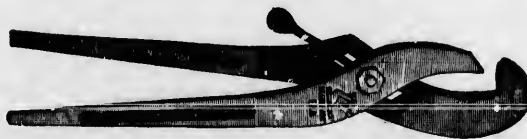
Saunders' Pattern New Wheel Pipe Cutter



Nos. ....		<b>1</b>	<b>2</b>	<b>3</b>
Cuts, inch.....		1-8 to 1	1 to 2	2 to 3
Each.....		\$3.00	4.50	14.00
Extra Cutters.....	Each	.24	.32	.60

Pipe Tong

Brown's Adjustable Pipe Tong



Nos. ....		<b>1</b>	<b>1-2</b>	<b>2</b>	<b>3</b>	<b>4</b>
Takes pipe, inch.....		1-4 to 8-4	8-8 to 1	1-2 to 1 1-4	1 to 2	1 1-2 to 3
Each.....		\$0.90	1.00	1.25	1.90	4.25

1 114  
.17 .24  
1.67 2.24

1 114  
.17 .21

5 6  
1.42 1.85  
14.50 18.76

5 6  
1.75 2.20

2 12 3

5 6  
7.58 10.16

3-4 3  
1.00 7.80

3 7  
1.00 26.00

3-4 7-8  
inch inch

237 152  
232 149  
219 141  
211 133  
203 127  
199 115  
180 108  
162 102  
153 99

**CHAIN PIPE WRENCHES**

**Brock's Patent Drop Forged**



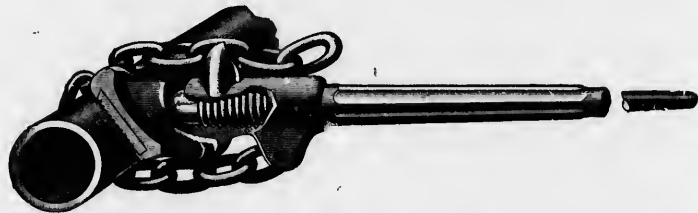
Nos. 0 1

Nos. 2 3 4

ALL PARTS INTERCHANGEABLE.

Nos. ....	0	1	2	3	4
Each .....	\$2.50	3.50	5.50	7.50	11.00
Takes pipe—Inch.....	1-8 to 3-4	1-8 to 1-2	1-4 to 2 1-2	3-4 to 4	1 1-2 to 8
Length—Inch .....	12 1-2	20	27	37	50

**Hilt's Improved Adjustable Chain Pipe Wrench**

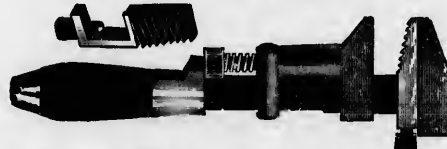


Nos. ....	1	2	3	4	5	6	7
Each .....	\$3.50	5.50	7.50	9.50	11.00	18.00	30.00
Takes pipe—Inch.....	1-2 to 1 1-2	1 to 3	1 to 4	1 1-2 to 6	2 to 10	2 1-2 to 12	4 to 16
Length of lever—Inch.....	18	26	36	46	58	70	80
Weight—Lbs. ....	5	9	15	25	36	50	85
Extra chain .....	\$0.40	.65	.80	.95	1.25	2.00	3.20
Bodies .....	2.00	2.50	3.75	4.50	5.00	6.00	7.00
Extra jaws.....	1.25	2.00	3.00	3.50	4.50	5.00	5.50
Extra teeth.....	0.50	.50	.60	.75	.75	1.00	1.00

**How to Operate the Hills Wrench**

Put the chain around the pipe, passing it on the jaw between its two high points, and place a link of the chain in the lug, screw the steel handle into the pocket of the jaw and force it against the pipe, thereby taking up all the slack in the chain, and the wrench will go to work immediately. The wrench will work best when the handle is screwed into the pocket so that the jaw will assume a position about 25 degrees out of a line parallel with the handle.

**Atwater's Patent Pipe Wrench Jaw**



Made from Crucible Tool Steel, Drop Forged Hardened and Tempered. Can be instantly attached to any ordinary Screw Wrench, making the cheapest Pipe Wrench in the market.

Nos. ....	1	2	3
Fits Wrench—Inch .....	6 or 8	10, 12, 15, 18	15, 18, 21
Holds from 1-8 inch to .....	3-4 inch	2 inch	3 inch
Each .....	\$0.40	.50	.75

One dozen in a box.

In sets, 1 each, Nos. 1, 2, 3 ..... Per set \$1.65

One set in a box.

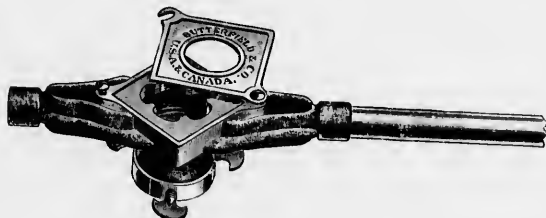
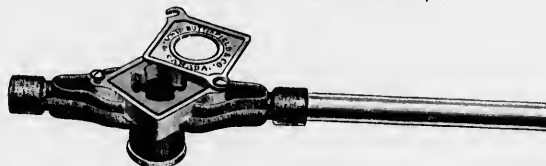
No. ....  
Dies with  
Dimensi  
Die Pla  
Dies  
Die Plat  
Extra B  
Die Fru

Inch. ....  
Threads, p  
Each. ....



**SOLID DIE PLATES**

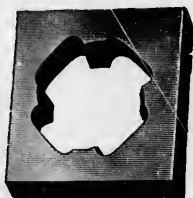
For Threading Steam, Gas and Water Pipes



No.	0	1	1 1-2	1 3-4	With Leader Screws.	
Dies with each plate	1-8, 1-4, 3-8, 1-2	1 4, 3-8, 1-2, 3-4, 1	3-4, 1, 1 1-4	1, 1 1-4, 1 1-2	2	3
Dimensions of Dies, inch	2 x 1-2	2 1-2 x 3-4	3 x 3-4	3 x 3-4	1 1-4, 1 1-2, 2	2 1-2, 3
Die Plates complete with R. H.					4 x 7-8	5 x 1 1-4
Dies	\$9.50	15.00	13.50	13.50	20.00	43.00
Die Plates without Dies	3.50	5.00	6.00	6.00	0.50	25.00
Extra Bushings	.25	.35	.45	.45	.60	1.00
Die Frames		.30	.40	.40	.50	.60

No. 3 plate can be supplied with 4 handles at an advance of \$

**Solid Pipe Dies**



Nos.	1	2	3	4	5
Inch	2 x 1-2	2 1-2 x 3-4	3 x 3-4	4 x 7-8	5 x 1 1-4
Each	\$1.50	2.00	2.50	3.50	9.00

In ordering be particular to state whether right or left hand, and if possible give number and maker of plate for which Dies are required.

**Pipe Taps and Reamers**



Inch	Pipe Taps										
Threads, per inch	1-8	1-4	3-8	1 2	3 4	1	1 1-4	1 1-2	2	2 1-2	3
Each	\$1.12	1.25	1.50	1.87	2.50	3.12	3.75	4.62	6.25	10.50	15.00

Taps right or left hand. Right hand always sent unless otherwise advised.

List, and Sizes of Reamers (Same as Pipe Taps.)

3 7.50 11.00  
2 3-4 to 4 1 1-2 to 8  
37 50

6 18.00 30.00  
2 1-2 to 12 4 to 16  
70 80  
50 85  
2.00 3.50  
6.00 7.00  
5.00 5.50  
1.00 1.00

place a link of the chain  
hereby taking up all the  
best when the handle is  
parallel with the handle.

ly attached to any ordi-

2, 15, 18 15, 18, 21  
3 inch 3 inch  
.50 .75

Per set \$1.65

STEEL WIRE FLUE CLEANERS



Inch.....	1 1-4	1 1-2	2	2 1-2	3	4
Each.....	\$2.00	2.00	2.00	2.00	2.00	2.00

The Engineer's Favorite Flue Cleaner

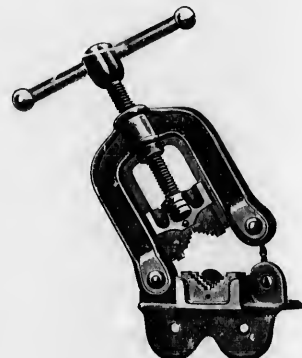


Inch.....	2	2 1-4	2 1-2	2 3-4	3	3 1-2	4
Each.....	\$2.00	2.25	2.50	2.75	3.00	3.50	4.00

Pipe Vises



Nos. 1 and 2.



Nos. 10 and 20.

No. 1—Holds pipe to 1 1-4 inch.....	Each \$5.00
No. 2—Holds pipe to 2 inch.....	Each 6.00
Nos. 10 and 20, Malleable Iron, with Cut Steel Jaws.	
No. 10—Holds pipe to 2 inch, weight 20 lbs.....	Each \$ 6.00
No. 20—Holds pipe to 3 inch, weight 32 lbs.....	Each 10.00



Bushing.

- Unions.....
- Bushings.....
- Plugs.....
- Stop Cocks.....
- Flanges.....
- Flanged Unions.....

Inch.....  
Each.....

Inch.... 1-8  
Each.... \$0.00

Inch.... 1-8  
Each.... \$0.00

Inch.....  
Each.....

Inch.....  
Each.....

MALLEABLE IRON FITTINGS



Bushing.



Plug.



Union.



Stop Cock.

	1-4	3-8	1-2	3-4	1	1 1-4	1 1-2	2	2 1-2	3	3 1-2	4	5	6
Unions	\$0.15	\$0.18	\$0.20	\$0.23	\$0.34	\$0.48	\$0.60	\$0.80	\$1.50	\$2.10	\$3.00	\$4.00		
Bushings	.05	.05	.06	.07	.09	.13	.17	.27	.42	.60	.80	1.00		
Plugs	.03	.03	.04	.05	.06	.10	.13	.20	.35	.50	.75	.85	\$1.85	\$2.50
Stop Cocks		.75	.80	.90	1.25	1.60	2.00	2.60	4.50	6.50	12.00	16.00	33.00	45.00
Flanges	.10	.15	.20	.28	.36	.50	.65	.90	1.40	2.00	2.75	3.50	5.00	6.00
Flanged Unions			.60	.65	.70	.85	1.15	1.50	1.75	2.25	2.75	3.15	5.00	6.50

Malleable Iron Nipples Right and Left

WITH HEXAGON NUT IN CENTRE.

Inch														
Each														

Wrought Iron Nipples



Plain - Right Hand

		CLOSE OR SHORT.															
		1-8	1-4	3-8	1-2	3-4	1	1 1-4	1 1-2	2	2 1-2	3	3 1-2	4	4 1-2	5	6
Inch																	
Each		\$0.06	.06	.06	.07	.09	.11	.17	.20	.26	.55	.70	1.00	1.15	1.75	2.10	2.65
		LONG.															
		1-8	1-4	3-8	1-2	3-4	1	1 1-4	1 1-2	2	2 1-2	3	3 1-2	4	4 1-2	5	6
Inch																	
Each		\$0.08	.08	.08	.10	.18	.17	.24	.29	.38	.75	1.00	1.35	1.65	2.35	2.80	3.50
		Plain - Right and Left															
		CLOSE OR SHORT.															
		1-8	1-4	3-8	1-2	3-4	1	1 1-4	1 1-2	2	2 1-2	3	3 1-2	4	4 1-2	5	6
Inch																	
Each			\$0.08	.08	.08	.10	.13	.17	.28	.35	.75	1.00	1.30	1.50			
		LONG.															
		1-8	1-4	3-8	1-2	3-4	1	1 1-4	1 1-2	2	2 1-2	3	3 1-2	4	4 1-2	5	6
Inch																	
Each			\$0.11	.11	.11	.18	.17	.22	.31	.38	.48	1.00	1.30	1.70	2.00		

## MALLEABLE IRON FITTINGS

## Class A. Price 30 Cents Per Pound

Elbows, 1-8, 1-4 x 1-8, 3-8 x 1-8.  
 Tees, 1-8, 1-8 x 1-4, 1-4 x 1-8, 3-8 x 1-8.  
 Sockets, 1-4 x 1-8, 3-8 x 3-8, 1-2 x 1-8.

Rod Couplings.  
 R. and L. Couplings, 1-8 inch.  
 Couplings R. H., 1-8.  
 Ells R. and L., 1-4 and 3-8.  
 R. and L. Return Bends, 3-8 and 1-2.



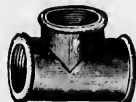
Elbow.

## Class B. Price 20 Cents Per Pound

Elbows, 3-8, 1-4, 3-8 x 1-4, 1-2 x 1-4.  
 Tees, 1-4, 3-8, 1-4 x 3-8, 3-8 x 1-4 x 1-4, 3-8 x 1-4,  
 3-8 x 1-4 x 3-8.  
 Elbows, Side Outlets, 1-2 inch and smaller.  
 Four-way Tees, 1-2 inch and smaller.  
 Street Ells, 1-4 and 3-8.  
 Crosses, 1-4, 3-8, 1-2 inch.  
 Reducing Crosses, 1 inch and smaller.  
 Drop Ells and Tees, 1-2 inch and smaller.  
 Caps, 3-8 and 1-4 inch.  
 Locknuts, 1-2, 3-8 and 1-4.  
 Reducing Couplings, 3-8 x 1-4 to 3-4 x 3-8.  
 Extension Pieces, 3-8 and 1-2 inch.

R. and L. Couplings, 3-8 and 1-4.

R. H. Couplings, 3-8 and 1-4 inch.  
 R. and L. Elbows, 1-2 inch.  
 R. and L. Bends, 3-4 and 1 inch.  
 Waste Nuts, 3-4 and smaller.  
 Chandelier Hooks, all sizes.  
 Return Bends, 3-8 and 1-2 inch.  
 Wall Plates, all sizes.  
 45° Ells, 1-2 inch and smaller.  
 Y's, 3-4 and 1-2 inch.



Tee.

## Class C. Price 16 Cents Per Pound

Elbows, 1-2 and 1-2 x 3-8.  
 Tees, 1-2 and 1-2 inch Reducing.  
 Elbows, Side Outlets, 3-4 and larger.  
 Street Ells, 1-2, 3-4, 3-4 x 1-2, and 1" x 3-4.  
 Crosses, 1 inch and 3-4 inch straight.  
 Drop Ells, 3-4 and larger.  
 Drop Tees, 3-4 and larger.  
 Four-way Tees, 3-4 and larger.  
 Caps, 1-2, 3-4 and 1 inch.  
 Locknuts, 3-4, 1 inch and 1-1-4 inch.  
 Reducing Couplings, 3-4 x 1-2 to 1 in. inclusive.

R. and L. Couplings 1-2 and 3-4.  
 R. H. Couplings, 1-2 and 3-4.  
 Extension Pieces, 3-4 and larger.  
 Waste Nuts, 1 inch and larger.  
 Return Bends, 3-8 and 1 inch.  
 45° Ells, 3-4 to 2 inches, inclusive.  
 Y's, 1 inch and larger.  
 Return Bends, R. and L., 1-1-4 and larger.  
 Elbows, R. and L., 3-4 and 1 inch.

Right Hand  
Coupling.

## Class D. Price 13 Cents Per Pound

Elbows and Tees, 3-4 and 1 inch.  
 Crosses, 1-1-4 inches and larger.  
 Street Ells, 1 inch and larger.  
 Caps, 1-1-4 inches and larger.  
 Locknuts, 1 1/2 inches and larger.  
 Reducing Couplings, 1-1-4 inch and larger.  
 R. H. Couplings, 1 inch and 1-1-4.  
 Return Bends, 1-1-4 inches and larger.  
 R. and L. Couplings, 1 inch and larger.  
 45° Elbows, 2 1-2 inches and larger.  
 Elbows R. and L., 1-1-4 inches and larger.

Such Fittings in this Class that have  
 Outlets smaller than 3-4 inch, to be  
 classed as "C."



R. and L. Coupling.

## Class E. Price 11 Cents Per Pound

Elbows and Tees, 1 1-4 inches and larger. Such Fittings in this Class that have Outlets smaller than 1 inch, to be classed "D."  
 Right Hand Couplings, 1 1-2 inches and 2 inches.  
 The run of Tees gives the size for the purpose of classification and the Outlet being larger does not change it.



Reducing Coupling.

Orders for less than 25 lbs., in Classes "B," "C," "D" and "E," will be charged at a uniform price of 20 cents per lb. Galvanized Fittings 3 cents per lb. net extra.



Cross.



Lock Nut.

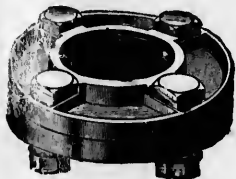


Return Bend.



Cap.

CAST IRON FITTINGS



Flange Unions

Inch.....	3-4	1	1 1-4	1 1-2	2	2 1-2
Each.....	\$0.65	.70	.85	1.15	1.50	1.75
Inch.....	3	3 1-2	4	4 1-2	5	6
Each.....	\$2.25	2.75	3.15	4.50	5.00	6.50



Cast Iron Flanges

Drilled for screws.

For pipe, inch.....	1-2	3-4	1	1 1-4	1 1-2	2
Each.....	\$					



Branch Tees

1 inch inlet, 2 1-2 inches centre to centre.

Number of branches.....	2	3	4	5	6	7	8
Each.....	\$0.90	1.00	1.20	1.40	1.70	2.15	2.40

All openings in Branch Tees for circulation are tapped right hand.  
Inlets and outlets same size as branches unless otherwise ordered.  
Can also supply with 1 1-4, 1 1-2 and 2 inch inlets.



Hook Plates

Price, each.

No. of Hooks.....	1	2	3	4	5	6
For 1 inch pipe, 2 1-2 inches between centres..	\$0.07	.14	.13	.20	.26	.32
For 1 1-4 inch pipe, 3 inches between centres..	\$0.08	.16	.20	.25	.32	.40
For 1 1-2 inch pipe, 3 1-2 inches between centres	\$0.12	.24	.30	.36	.45	.60
For 2 inch pipe, 4 1-2 inches between centres..	\$0.18	.36	.50	.65	.80	.95



Cap.

CAST IRON FITTINGS

Elbows



		RIGHT HAND.							
Inch .....	1-4	3-8	1-2	3-4	1	1 1/4	1 1/2	2	
Each .....	\$0.04	.05	.06	.09	.13	.20	.25	.40	
Inch .....	2 1/2	3	3 1/2	4	4 1/2	5	6		
Each .....	\$0.75	1.10	1.35	1.80	2.50	2.85	3.90		
		RIGHT AND LEFT.							
Inch .....	1-4	3-8	1-2	3-4	1	1 1/4	1 1/2	2	
Each .....	\$0.05	.06	.07	.11	.16	.23	.29		
Inch .....	2	2 1/2	3						
Each .....	\$0.46	.85	1.25						



		Elbows 45°							
Inch .....	3-8	1-2	3-4	1	1 1/4	1 1/2	2		
Each .....	\$0.10	.10	.15	.20	.26	.35	.50		
Inch .....	2 1/2	3	3 1/2	4	4 1/2	5	6		
Each .....	\$1.30	1.60	1.90	2.50	3.50	4.50	5.50		



		Tees							
Inch .....	1-4	3-8	1-2	3-4	1	1 1/4	1 1/2	2	
Each .....	\$0.06	.07	.09	.13	.20	.30	.38	.60	
Inch .....	2 1/2	3	3 1/2	4	4 1/2	5	6		
Each .....	\$1.10	1.50	2.00	2.50	3.50	4.00	5.50		



		Reducing Tees							
Inch .....	1-2	3-4	1	1 1/4	1 1/2	2			
Each .....	\$0.11	.15	.23	.35	.44	.70			
Inch .....	2 1/2	3	3 1/2	4	4 1/2	5	6		
Each .....	\$1.25	1.75	2.30	2.90	4.00	4.60	6.35		

Inch .....

Finished .....

Nickel-plated .....

Inch .....

Finished .....

Nickel-plated .....

COMPRESSION PLAIN BIBB COCKS



Fig. 545. For Lead Pipe—Plain.

Inch .....					
Finished .....	3-8	1-2	5-8	3-4	1
Nickel-plated .....	Each \$0.75	.84	1.00	1.50	2.83
	Each .92	1.04	1.21	1.71	3.08



Fig. 546. For Lead Pipe—With Stuffing Box.

Inch .....				
Finished .....	3-8	1-2	5-8	3-4
Nickel-plated .....	Each \$0.92	1.00	1.17	1.75
	Each 1.08	1.21	1.38	1.96

COMPRESSION PLAIN BIBB COCKS



Fig. 550. For Iron Pipe—Without Stuffing Box.

Inch.....		<b>3-8</b>	<b>1-2</b>	<b>5-8</b>	<b>3-4</b>	<b>1</b>
Finished .....	Each	\$0.83	.92	1.08	1.67	3.08
Nickel-plated .....	Each	1.00	1.12	1.30	1.88	3.34

For Iron Pipe—With Stuffing Box.

Inch.....		<b>3-8</b>	<b>1-2</b>	<b>5-8</b>	<b>3-4</b>
Finished .....	Each	\$1.00	1.08	1.25	1.92
Nickel-plated .....	Each	1.17	1.30	1.47	2.13

5-8 inch Iron Pipe Bibbs are screwed for 3-4 inch iron pipe.



Compression Hose Bibbs

Fig. 551 For Lead Pipe—Without Stuffing Box.

FINISHED.						
Inch.....		<b>3-8</b>	<b>1-2</b>	<b>5-8</b>	<b>3-4</b>	<b>1</b>
Each .....		\$0.83	.92	1.08	1.67	3.08

NICKEL-PLATED.						
Inch.....		<b>3-8</b>	<b>1-2</b>	<b>5-8</b>	<b>3-4</b>	<b>1</b>
Each .....		\$1.00	1.12	1.30	1.88	3.34

With Stuffing Box.

FINISHED.						
Inch ..		<b>3-8</b>	<b>1-2</b>	<b>5-8</b>	<b>3-4</b>	
Each .....		\$1.00	1.08	1.25	1.92	

NICKEL-PLATED.						
Inch.....		<b>3-8</b>	<b>1-2</b>	<b>5-8</b>	<b>3-4</b>	
Each .....		\$1.17	1.30	1.47	2.13	

Inch.....  
Finished ..  
Nickel-plat  
  
Inch.....  
Finished ..  
Nickel-plat

Fig. 774—Ch  
Fig. 7—Cal



COMPRESSION HOSE BIBBS

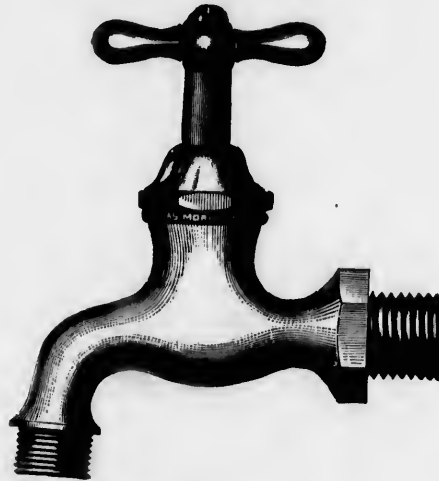


Fig. 553. For Iron Pipe.

WITHOUT STUFFING BOX.

Inch.....				
Finished .....	1-2	5-8	3-4	1
Nickel-plated.....	Each \$1.00	1.17	1.84	3.34
	Each 1.21	1.38	2.04	3.58

WITH STUFFING BOX.

Inch.....				
Finished .....	1-2	5-8	3-4	
Nickel-plated.....	Each \$1.17	1.34	2.10	
	Each 1.38	1.55	2.30	

5-8 inch Iron Pipe Bibbs are screwed for 3-4 inch Iron Pipe.

Lawn Sprinklers



Fig. 774.



Fig 7.

- Fig. 774—Champion Sprinkler, with spike, nickel-plated.....Each \$0.80
- Fig. 7—California Sprinkler, revolving head, painted and striped, with coupling for 1-2 and 3-4 inch hose...Each 2.25

3 3-4 1  
8 1.67 3.08  
0 1.88 3.34

1 5-8 3-4  
8 1.25 1.92  
0 1.47 2.13

e Bibbs  
out Stulling Box.

5-8 3-4 1  
1.08 1.67 3.08

D.  
5-8 3-4 1  
1.50 1.88 3.34

Box.

2 5-8 3-4  
1.08 1.25 1.92

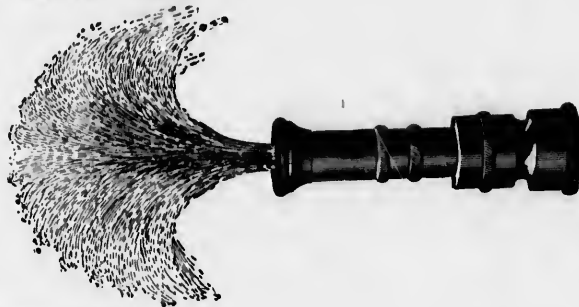
D.  
1 5-8 3-4  
1.80 1.47 2.13

HOSE NOZZLES



Magic Hose Nozzles

Magic Hose Nozzles, straight stream or spray, 1-2 and 3-4 inch ..... Per dozen \$ 9 75  
 Magic Hose Nozzles, straight stream or spray, 1 inch ..... Per dozen 18 00



Gem Hose Nozzles, 1-2 and 3-4 inch, finished ..... Per dozen \$6 75

Garden Hose Reel



Garden Hose Reels ..... Each \$1.25  
 Garden Hose Reels, with drum, Each 2.00

Hose Ties



PATENTED MAY 6, 1877.  
 Brass Wire for Hose.

Inch.....	1-2	3-4
Per gross.....	\$2.40	2.50
Hose Pliers, small .....	Each \$0 30	
Hose Pliers, large.....	Each .40	

Hose Couplings



Inch.....	1-2	3-4	1
Per dozen .....	\$ 50	1.65	3.30

BRASS FITTINGS



Steam Cocks

BEST STEAM METAL. SQUARE HEADS

Inch.....	1-4	3-8	1-2	3-4	1	1 1-4	1 1-2	2	2 1-2	3	3 1-2	4
Each.....	\$0.70	.75	1.10	1.50	2.25	3.75	4.80	7.25	14.00	20.00	36.00	50.00



Check Valves

Horizontal, Angle or Vertical

BEST STEAM METAL.

Inch.....	1-4	3-8	1-2	3-4	1	1 1-4	1 1-2	2	2 1-2	3
Each.....	\$0.50	.60	.85	1.15	1.55	2.30	3.25	5.20	10.00	14.00

Jenkins' Pattern

Inch.....	1-4	3-8	1-2	3-4	1	1 1-4	1 1-2	2
Each.....	\$1.10	1.20	1.30	1.90	2.60	3.60	5.00	7.50



Globe Valves

BEST STEAM METAL.

Inch.....	1-4	3-8	1-2	3-4	1	1 1-4
Each.....	\$0.60	.75	1.00	1.35	1.80	2.80
Inch.....	1 1-2	2	2 1-2	3	3 1-2	4
Each.....	\$3.90	5.00	11.25	16.00	30.00	40.00

Jenkins' Pattern

Inch.....	1 1-4	3-8	1-2	3-4	1	1 1-4	1 1-2	2
Each.....	\$1.10	1.25	1.00	2.20	2.80	4.00	5.50	8.00



..... Per dozen \$9.75  
..... Per dozen 14.00

..... Per dozen \$6.75



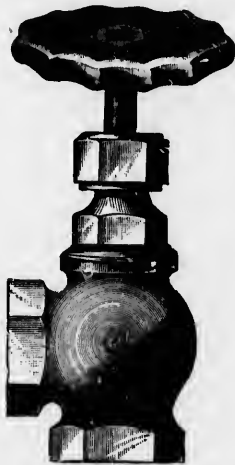
1-2 3-4  
\$2.40 2.50  
..... Each \$0.30  
..... Each .40



3-4 1  
1.65 3.30

BRASS FITTINGS

Angle Valve



Peet Valve



BEST STEAM METAL.

		Angle Valves											
Inch.....		1-4	3-8	1-2	3-4	1	1 1-4	1 1-2	2	2 1-2	3	3 1-2	4
Each.....		\$0.60	.75	1.00	1.35	1.80	2.80	3.90	5.90	11.25	16.00	30.00	40.00
		Peet Valves											
Inch.....		3-8	1-2	3-4	1	1 1-4	1 1-2	2	2 1-2	3	3 1-2	4	
Each.....		\$1.20	1.30	1.75	2.25	3.25	4.25	6.25	11.50	16.00	32.00	40.00	

Size of shank, iron  
Finished, each .....

No. 7



Compression Air Valves

WOOD WHEEL HEAD.

		Finished.		
Inch.....		1-8	1-4	3-8
Each.....		\$0.65	.70	.75
		Nickel-Plated.		
Inch.....		1-8	1-4	3-8
Each.....		\$0.70	.75	.80

Size of shank, iron pi  
Finished, each .....

Size of shank, iron pi  
Finished, each .....

AIR OR PET COCKS

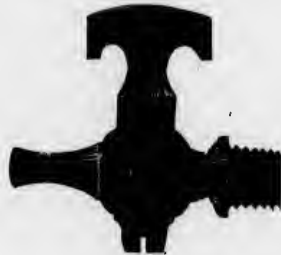


Fig. 390.

T. Handle. Straight Drain.

Size of shank, iron pipe thread .....	1-8	1-4	3-8	1-2
Finished, each .....	\$0.40	.45	.50	.60

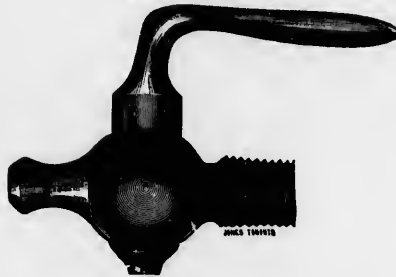


Fig. 388.

Lever Handle. Straight Drain.

Size of shank, iron pipe thread .....	1-4	3-8	1-2
Finished, each .....	\$0.60	.65	.75

Cylinder Cocks

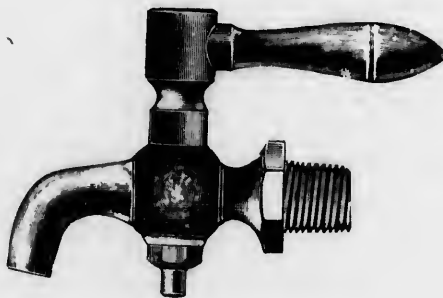


Fig. 377.

Lever Handle. Bent Nose.

Size of shank, iron pipe thread .....	1-4	3-8	1-2
Finished, each .....	\$0.85	.90	1.00

3 1/2 4  
30.00 40.00

3 1/2 4  
32.00 40.00

1-4 3/8  
.70 .75

1-4 3/8  
.75 .80

WATER GAUGES

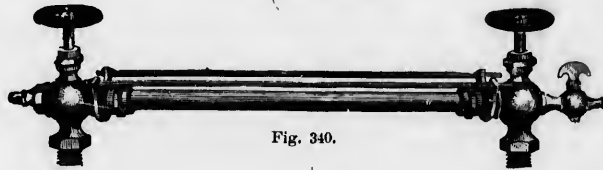


Fig. 340.

Iron Wheels

No. 3—Rough, round body, two guards, 5-8 x 12 inch glass, 1-2 inch iron pipe..... Each \$3.00

Compression Gauge Cocks

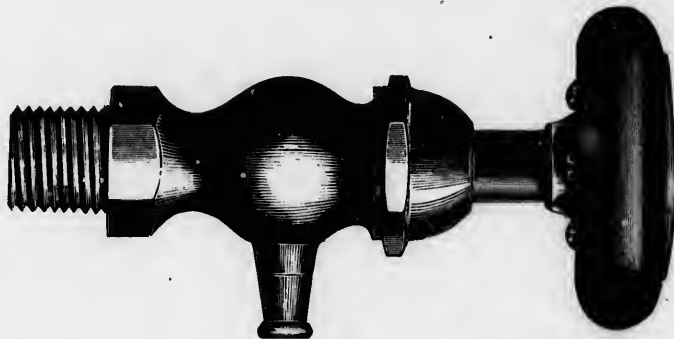


Fig. 353.

Wood Handle, with Stuffing Box

Size of shank, iron pipe thread .....	<b>3 8</b>	<b>1 2</b>	<b>3 4</b>
Finished, with babbit valve .....	\$1.10	1.15	1.35

Dia. of Dial, inches ..  
Each .....

Steam Whistles

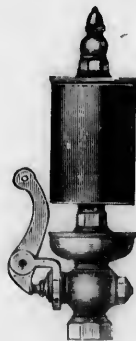


Fig. 291.

Best Steam Metal, with Valve

Inch .....	<b>1 1-2</b>	<b>2</b>	<b>2 1-2</b>	<b>3</b>	<b>3 1-2</b>	<b>4</b>	<b>4 1-2</b>	<b>5</b>	<b>6</b>	<b>8</b>
Each .....	\$4.00	4.75	6.50	8.00	11.00	14.00	17.25	22.00	30.00	80.00

Dia. of Dial, inches ..  
Each .....

Steam Gauge Syphons,

BRASS FITTINGS

Steam Gauges



Iron Case, Brass Ring and Cock

Dia. of Dial, inches .....	5	5 1-2	6	6 3-4	8 1-2
Each .....	\$6.00	8.00	10.00	14.00	21.00

Brass Case, Ring and Cock

Dia. of Dial, inches .....	5	5 1-2	6	6 3-4	8 1-2
Each .....	\$9.00	11.00	14.00	18.00	27.00

Steam Gauge Syphons



Steam Gauge Syphons, 1-4 inch wrought iron pipe..... Each \$0.50

..... Each \$3.00

1-2 34  
1.15 1.35

5 6 8  
1.00 30.00 80.00

## CYLINDER LUBRICATORS

With Patent Metallic Disc, Cap and Drain Valve.



Diameter of cup, inches .....	1 1-2	2	2 1-2	3	4
Size of shank, screwed iron pipe thread.....	3-8	1-2	1-2	3-4	3-4
Finished, each.....	\$3.25	3.75	4.75	5.75	7.25

1 3 pint .....  
 1 2 pint .....  
 1 pint .....

The first  
 severest tests.

The meth  
 pipe, where it a  
 all parts reache  
 the quantity of

The sight  
 engineer to see  
 to feed any quan  
 though the eng



"QUEEN" SIGHT-FEED LUBRICATOR

Patented



PRICE LIST.

Size.	Plain Brass.	Nickel-plated
1-3 pint .....	\$4.50	5.00
1-2 pint .....	5.00	6.00
1 pint .....	8.00	9.00

The first and only sight feed lubricator, with single connection, introduced, that proves perfect after the severest tests.

The method of oiling by means of these lubricators consists in introducing the oil drop by drop into the steam pipe, where it atomizes and mingles with the steam and is carried to every part of the valves and cylinder, lubricating all parts reached by the steam. By their use all wearing parts of the engine from throttle valve down receive just the quantity of oil needed continuously while the engine is working.

The sight-feed feature, which shows the oil drop by drop on its way to the parts to be lubricated enables the engineer to see at a glance how rapidly the oil is being fed, and by the use of the feed valve he can adjust the lubricator to feed any quantity desired. When the feed is once regulated it need not be changed until the oil is exhausted though the engine may be run a week.

3  
3-4  
5.75

4  
3-4  
7.25

IMPROVED MICHIGAN LUBRICATOR

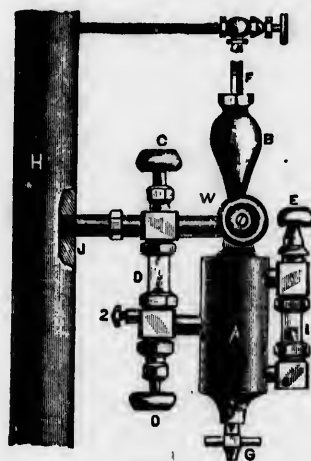


Fig. 15.

DIRECTIONS.

**How to Apply.**—First drill and tap the steam pipe above the throttle with a 1-2 or 3-4 inch gas tap, as may be required to receive the oil discharge pipe; then tap the steam pipe not less than 18 inches above the top of the condensing chamber, as may be required, using 1-4 inch gas pipe for steam connecting tube, which attach to top of condenser. If, for any reason, the steam pipe cannot be tapped "18 inches or more above the condensing chamber," it may be tapped lower down, and the tube of required length may be bent or coiled.

**How to Fill and Operate.**—Close valves D and W, open valve G, draw off the water, close valve G and fill with oil. First, open valve W, then regulate the flow of oil with valve D.

In case of strong pulsation, valve C to be partly closed until oil feeds steadily; same to be closed in case of breaking feed glass.

Before starting the cup, time should be allowed for "sight-feed glass and condensing chamber" to fill with water by condensation.

When there is danger of freezing when not in use, valve D, G and E should be left open and Fig. 2.

In special cases, when cup cannot be attached, as shown in cut, send us a diagram and we will give directions.

When applied and operated according to instructions, we guarantee perfect satisfaction, as they never fail.

Should it become necessary, the Lubricator may be cleansed by simply opening the valves by which steam can be forced through it, cleansing all the passages without disconnecting the cup or stopping the engine.

PRICE LIST.

SIZE.	Plain Brass.	Nickel-Plated	SIZE.	Plain Brass.	Nickel-Plated
1-3 Pint .....	\$4 50	\$5. 00	1 Quart. ....	\$11. 00	\$12. 00
1-2 Pint.....	5. 00	6. 00	3 Quarts.....	16. 00	19. 00
1 Pint.....	8 00	9. 00			

1-3 Pint with Drop Glass only.

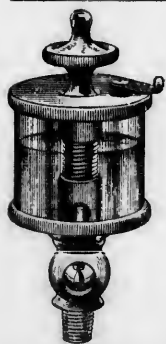


Fig. 30.

The Gem Oil Cup

This Cup has no superior.

PRICE LIST PER DOZEN.

NUMBER.	To Fit Standard Pipe Tap.	Brass.	Nickel.
0 (1 oz.) .....	1-4 inch	\$15 00	\$18.50
1 (2 oz.) .....	1-4 inch	16 00	20 00
2 (3 1-2 oz.) .....	1-4 inch	18 00	21.50
3 (5 oz.) .....	1-4 inch	20 00	23.50
4 (7 oz.) .....	3-8 inch	23.00	27.00
5 (9 oz.) .....	3-8 inch	26.00	30.50
6 (12 oz.) .....	3-8 inch	32.00	37.50

Special threads without extra charge.

For Glass Sight Feed, \$1.00 per dozen extra.

Brass S  
Feed



Fig.

Glass S  
Feed O



Fig. 51.

GLASS OIL CUPS

Brass Shell Wire  
Feed Oilers



Fig. 50.

With Guards



Fig. 300.

With Brass Shell

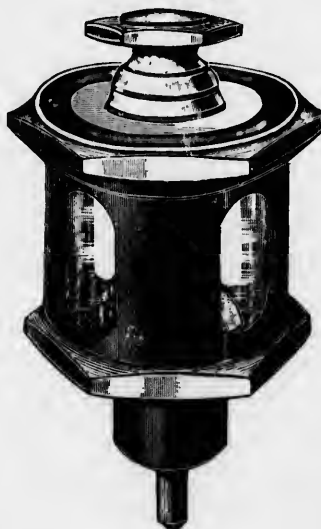


Fig. 301.

PRICE LIST.

Fig. 300 and 301.

Number	Diameter and Length of Glass.	Size of Shank Screwed for Iron Pipe.	With Guards, Finished, Price each.	Brass Shell, Finished, Price each.
5	1 x 1	1-4	\$1.55	\$1.55
6	1 x 1-8	1-4	1.75	1.75
7	1-4 x 1-4	1-4 or 3-8	1.90	1.90
8	1-4 x 1-2	1-4 or 3-8	2.05	2.05
9	1-2 x 1-2	3-8	2.20	2.20
10	1-2 x 1-5-8	3-8	2.40	2.40
11	1-5-8 x 1-5-8	1-2	2.60	2.60
12	1-5-8 x 1-3-4	1-2	2.80	2.80
13	1-3-4 x 2	1-2	3.00	3.00
14	2 x 2	1-2	3.30	3.30
15	2 x 2 1-2	1-2	3.60	3.60
16	2 1-2 x 2 1-2	3-4	5.50	5.50
17	3 x 3	3-4	6.00	6.00
18	3 1-2 x 3 1-2	3-4	7.75	7.75
19	4 x 4	3-4	8.80	8.80

PRICE LIST.

Fig. 50 and 51.

For Lubricating Crank Eccentric and Cross-Head

Number.	Diameter and Length of Glass.	Size of Shank Screwed for Iron Pipe.	Fig. 50, Brass, Price each.	Fig. 50, Nickel, Price each.	Fig. 51, Brass, Price each.	Fig. 51, Nickel, Price each.
7	1-4 x 1-4	1-4	\$1.00	\$1.25	\$1.00	\$1.25
8	1-4 x 1-1-2	1-4	1.25	1.50	1.25	1.50
10	1-2 x 1-5-8	1-4	1.50	1.75	1.50	1.75
11	1-5-8 x 1-5-8	3-8	1.75	2.00	1.75	2.00
12	1-5-8 x 1-3-4	3-8	2.00	2.25	2.00	2.25
13	1-3-4 x 2	3-8	2.25	2.50	2.25	2.50
14	2 x 2	3-8	2.50	2.75	2.50	2.75
15	2 x 2 1-2	3-8	2.75	3.00	2.75	3.00

Glass Shell Splash  
Feed Oil Cup



Fig. 51.

ch gas tap, as may be  
above the top of the  
which attach to top of  
condensing chamber,

valve G and fill with oil.  
to be closed in case of  
ber" to fill with water

Fig. 2.  
will give directions.  
they never fail.  
by which steam can be  
line.

Plain Brass.	Nickel-Plated
\$11.00	\$12.00
16.00	19.00

ss.	Nickel.
00	\$14.50
00	20.00
00	21.50
00	23.50
00	27.00
00	30.50
00	37.50

Plain Oil Cup

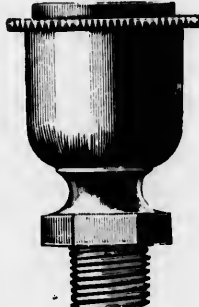


Fig. 25.

Spring Top Oiler

Pat. by T. J. Carroll.



Fig. 26.

BRASS OIL CUPS

PRICE LIST.

Diameter of Cup, Inches.	Size of Shank, Screwed for Iron Pipe.	Plain, Price Each.	Spring Top, Price Each.	T. J. C. Price Each.
3/4	1-8	\$0.30	\$0.30	\$0.30
7-8	1/4	.35	.35	.35
1	1/4	.40	.40	.40
1 1-8	1/4	.50	.50	.50
1 1-4	1/4	.60	.60	.60
1 1-2	3/8	.90	.90	.90
1 3-4	3-8	1.25	1.25	1.25
1 7-8	3-8	1.50	1.50	1.50
2	1-2	1.75	1.75	1.75
2 1-4	1-2	2.25	2.25	2.25
2 1-2	1-2	2.75	2.75	2.75
3	1-2	4.50	4.50	4.50

T. J. C. Patent Oiler

This Oiler has no pins or springs to get out of order; it is perfectly tight and will not leak; it is made of the very best steam metal, and in sizes from 3-4 inch to 3 inches.



Fig. 27.

Wood Plug Oilers

FOR SHAFTING.

The Wood Plug Oiler is in use by the largest mills and factories in the country, and is pronounced by all who use it to be a saving of 50 per cent. over the old way of oiling.



Fig. 22.



Fig. 23.



Fig. 24

Wood Plug, Glass Oilers for shafting .....	Per dozen \$3.50
Full Globe.....	Per dozen 3.00
Flat Side .....	Per dozen 3.00
Flat Side and Top .....	Per dozen 3.00

J. C. Patent Oiler

J. C. Patent Oiler has no pins or  
to get out of order; it  
is perfectly tight and will not  
is made of the very best  
metal, and in sizes from  
to 3 inches.



Fig. 27.



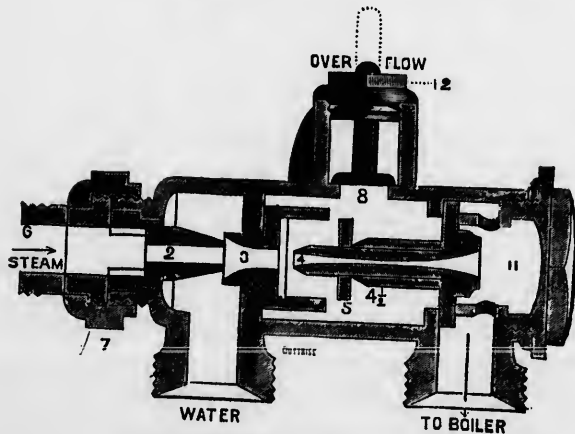
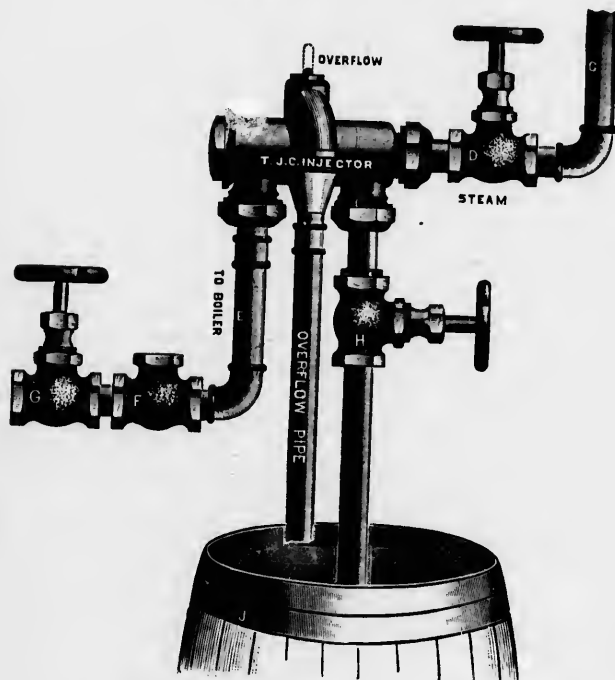
Fig. 24.

..... Per dozen \$3.50  
..... Per dozen 3.00  
..... Per dozen 3.00  
..... Per dozen 3.00

T. J. C. INJECTOR

THE BEST AND MOST RELIABLE INJECTOR IN THE MARKET.

Patented by T. J. Carroll.



For price list and directions see page 596.

## THE T. J. C. INJECTOR

## PRICE LIST.

NUMBER.	Price.	Gals. per hr. 65 lbs. press.	Size of Pipe Connection.	Horse Power.
7 .....	\$ 7.00	80	3-8	4 to 8
10 .....	7.00	120	1-2	8 to 16
15 .....	10.50	300	3-4	16 to 40
20 .....	15.00	540	1	40 to 72
25 .....	22.50	900	1 1-4	72 to 120
35 .....	30.60	1740	1 1-2	120 to 220
45 .....	38.00	2870	2	220 to 300

## PRICE LIST OF PARTS FOR T. J. C. INJECTOR.

No.		7	10	15	20	25	35	45
2	Steam Jet.....	\$0.50	\$0.50	\$0.60	\$0.75	\$1.00	\$1.25	\$1.50
3	Suction Jet.....	.50	.50	.60	.75	1.00	1.25	1.50
4	Delivery Jet.....	1.50	1.50	2.00	3.00	4.00	4.50	5.00
5	Ring Valve.....	.25	.25	.25	.25	.50	.50	.50
6	Tail Pipe.....	.25	.25	.25	.50	.75	.75	.75
7	Tail Nut.....	.25	.25	.25	.50	.75	.75	.75
8	Overflow Valve.....	.25	.25	.25	.25	.50	.50	.50
4 1-2	Deliver Sleeve.....	.60	.60	.75	1.00	1.25	1.50	1.75
11	Tail Plug.....	.60	.60	.75	1.00	1.25	1.50	1.75
12	Overflow Cap.....	.25	.25	.25	.50	.50	.75	.75

## DIRECTIONS

## FOR CONNECTING AND OPERATING INJECTOR

Be sure and and blow out steam pipe thoroughly before connecting Injector so as to remove any dirt, rust or scale that may have accumulated in pipes. This is important.

Take steam from highest point of boiler possible, and never connect with any steam pipe used for other purposes.

If more than 10 feet of suction pipe is used, it should be a size larger than Injector fittings. Any of the pipes used can be larger, but in no event smaller. If water is forced through a heater there must be a Check Valve between heater and Injector to prevent back pressure. All connections must be tight, especially in suction pipe.

Don't use a wrench on tail pipes No. 6. The hole in end next to Injector is made Square for the purpose of inserting a chisel or piece of iron on which to use a wrench.

## TO OPERATE.

Open water valve H, also steam valve D as soon as water appears at overflow, throttle water until discharge ceases, when Injector will be working. If Injector will not force water to the boiler, the trouble is dirt in the Delivery Jet, and by shutting water valve until steam appears, then giving quickly one-quarter turn or more open, it will start Injector if dirt is not too large to go through jet. On long lift or high steam it is sometimes necessary to open steam valve only part way until water appears, then open full.

When water flows to Injector, open steam valve first, then water valve.

For illustrations see page 595.

SIZE

No. 1 - Br  
No. 2 - Br  
No. 3 - Br  
No. 4 - Br  
No. 5 - Br  
No. 6 - Iro  
No. 7 - Iro  
No. 8 - Iro

SIZE

Steam Jet  
Delivery J  
Tail Pipe, 6  
Coupling N

Eject  
out decrease  
or decrease  
water to a  
should not  
from 60° to  
of steam in  
accordingly

All pipe  
tion pipe at

For h  
suction pipe  
facilitate d  
to be raised

To sta  
admitted qu

To en  
state with c

1-Th  
2-Th  
3-St  
4-Th

EJECTOR

MADE OF BEST STEAM METAL.



Fig. 9.

T. J. C. Ejector or Steam Pump

PRICE LIST AND CAPACITY.

SIZE.	Steam Connection In Inches.	Suction and Delivery In Inches.	Capacity per 65 Pounds In Gallons.	Price Each.	Strainers.
No. 1 - Brass	3-4	1-2	250	\$ 8.00	\$ 0.50
No. 2 - Brass	1-2	3-4	500	10.00	.75
No. 3 - Brass	3-4	1	960	15.00	1.00
No. 4 - Brass	1	1-4	1300	20.00	1.25
No. 5 - Brass	1	1-4	2000	25.00	1.50
No. 6 - Iron	1-4	2	3500	35.00	1.75
No. 7 - Iron	1-4	2 1-2	5000	40.00	
No. 8 - Iron	2	3	8000	50.00	

Nos. 6, 7 and 8 iron bodies, balance brass. Capacity based on 4 foot lift.

PRICE LIST OF PARTS FOR THE T. J. C. EJECTOR OR STEAM JET PUMP.

SIZE NO.	1	2	3	4	5	6	7	8
Steam Jet	\$0.50	\$0.70	\$0.85	\$1.00	\$1.00	\$1.25	\$1.75	\$2.00
Delivery Jet	.80	1.00	1.25	1.50	1.75	2.50	4.00	6.00
Tail Pipe, Steam End	.50	.65	.75	1.00	1.00	1.15	1.25	2.00
Coupling Nut, Steam End	.50	.65	.75	1.00	1.00	1.15	1.15	3.00

Ejectors adjusted for above conditions can be mounted to lift and force liquids. They will lift sixteen feet without decreasing the given capacities. At higher or lower steam pressure the capacities are correspondingly increased or decreased. At pressures of from 30 to 45 pounds they will lift from 6 to 12 feet. As a rule these Ejectors will force water to a height corresponding to double the amount of operating steam pressure. For very high elevations they should not be made to lift. The higher the temperature of the liquids, the lower the lift. At lifts of 20 feet it can be from 60° to 65° Fahr. If not required to lift, these Ejectors will take water at 100° Fahr. temperature. The amount of steam necessary to work Ejectors increases with elevations, and the temperature of elevated liquids will rise accordingly from 40° to 50° Fahr.

APPLICATION OF EJECTORS.

All pipes must not be of smaller diameters than those given in table, and care should be taken that joints in suction pipe are perfectly tight.

For high elevations and high temperature of liquids the Ejectors should be submerged from 3 to 6 feet. The suction pipe should always be provided with a strainer. It is also recommended to insert a stop valve in force pipe to facilitate cleaning of suction pipe by steam if necessary. This is important in all cases where impure substances have to be raised.

To start the Ejector, open steam valve slowly until the suction is effected, when full amount of steam should be admitted quickly.

To enable us to send the most suitable Ejector, and to insure the utmost capacity by minimum amount of steam state with order:

- 1 - The substance to be elevated, quantity and temperature of same.
- 2 - The height of elevation and suction, if required by local conditions.
- 3 - Steam pressure.
- 4 - The mode of application, whether lifting or forcing, or forcing only.

Horse Power.

- 4 to 8
- 8 to 16
- 16 to 40
- 40 to 72
- 72 to 120
- 120 to 230
- 220 to 300

35 45

\$1.25	\$1.50
1.25	1.50
4.50	5.00
.50	.50
.75	.75
.75	.75
.75	1.00
.50	.50
1.50	1.75
.75	.75

remove any dirt, rust or

used for other purposes.

ings. Any of the pipes in a Check Valve between ion pipe.

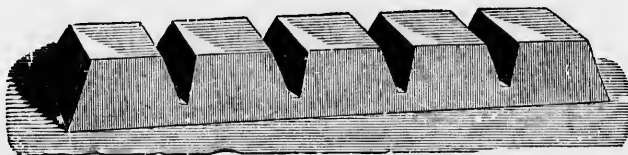
are for the purpose of

e water until discharge le is dirt in the Delivery more open, it will start necessary to open steam





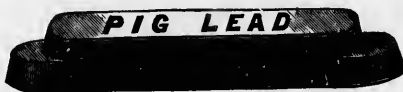
BABBITT METAL



Hoyt's Superior Quality Babbitt Metal

Nos. ....	4	3	2	1	Genuine
Per pound . . . . .	\$0.10	.17	.20	.25	.45

In boxes containing about 50 lbs.



	<b>Pig Lead</b>	<b>Bar Lead</b>
Per pound.....	\$	\$

Solder



Half-and-Half Solder ..... Per pound \$

Silver Solder

For Joining Band Saws, etc.

Per ounce ..... \$2.25

Ingot Tin

Lamb and Flag, or Straits ..... Per pound \$

Bar Tin

Strictly pure..... Per pound \$

Zinc Spelter

Antimony

Intern  
Two p  
Three

Intern  
Per fo

Intern  
Per fo

Inch ...  
Per pou

1-16, 3-32  
The  
of every

**RUBBER HOSE**



**Conducting and Hydrant Hose**

Internal diameter, inch.....	<b>1-2</b>	<b>3-4</b>	<b>1</b>	<b>1 1-4</b>	<b>1 1-2</b>	<b>1 3-4</b>	<b>2</b>
Two ply, per foot .....	\$0.20	.25	.33	.42	.50	.59	.66
Three ply, per foot .....	0.25	.30	.40	.50	.60	.70	.80

50 feet in a roll.

**Hard Rubber Suction Hose, 4 Ply**

Internal diameter, inch.....	<b>3-4</b>	<b>1</b>	<b>1 1-4</b>	<b>1 1-2</b>	<b>1 3-4</b>	<b>2</b>	<b>2 1-4</b>	<b>2 1-2</b>
Per foot .....	\$0.57	.75	.93	1.13	1.31	1.50	1.70	1.88

All classes of rubber hose, packing, etc., supplied to order.

**Cotton Garden and Mill Hose**

Rubber lined.



Internal diameter, inch.....	<b>1-2</b>	<b>3-4</b>	<b>1</b>	<b>1 1-4</b>	<b>1 1-2</b>	<b>1 3-4</b>	<b>2</b>	<b>2 1-4</b>	<b>2 1-2</b>
Per foot .....	\$0.25	.30	.40	.50	.60	.70	.80	.90	1.00

50 feet in a roll.

**Engine Packing**

Rubber Packing, with Cloth insertion



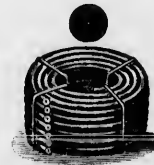
Inch.....	<b>1-32</b>	<b>1-16</b>	<b>3-32</b>	<b>1-8</b>	<b>3-16</b>	<b>1-4</b>
Per pound .....	\$0.35	.85	.30	.60	.80	.30

**Round and Square Piston Packing**

Square Piston Packing, rubber back ..... Per pound \$0.75

Round Piston Packing, in twelve feet lengths ..... Per pound .75

Square Piston Packing Rubber Back, is made in lengths of twenty feet.



**Rainbow Sheet Packing**

1-16, 3-32 and 1-8 Inch ..... Per pound \$1.00

The genuine Rainbow Packing has name "Rainbow" in a diamond in black extending through the entire length of every roll.

1 Genuine  
.25 .45

Bar Lead  
\$

..... Per pound \$

..... \$2.25

..... Per pound \$

..... Per pound \$

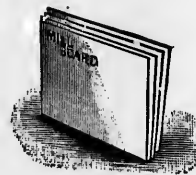
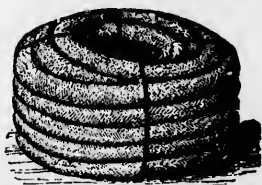
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ENGINE PACKING



Square Flax Packing, 1-4 to 1 inch..... Per lb. \$0.00

Asbestos and Soapstone Packing



Asbestos Rope Packing, 1-4 to 1 inch..... Per lb. \$0.09  
 Asbestos Wick Packing, in small balls..... Per lb. .60  
 Asbestos Mill Board or Sheet Packing, in rolls 36 inches wide..... Per lb. .15  
 Soapstone Packing..... Per lb. .18

Garlock Patented Pack



Elastic Ring.



Spiral Packing.



Sectional Ring.

Garlock's Elastic Ring Packing..... Per lb. \$1.50  
 Garlock's Sectional Ring Packing..... Per lb. 1.20  
 Garlock's Spiral Packing..... Per lb. 1.20  
 Garlock's Gaskets..... Per lb. 1.00  
 Garlock's Graphite Flange Packing..... Per lb. .75

The following is a very close estimate of the weight of a single box of Garlock's Spiral Packing. Each box contains 12 feet. Larger sizes can be furnished to order at same price.

Box	Size	Weights	Box	Size	Weights	Box	Size	Weights
Box 3-16	inch	1-2 pound	Box 1-2	inch	2 1-8 pounds	Box 13-16	inch	5 3-4 pounds
Box 1-4	"	3-4 "	Box 9-16	"	2-7-8 "	Box 7-8	"	6 5-8 "
Box 5-16	"	1 "	Box 5-8	"	3 5-8 "	Box 15-16	"	7 "
Box 3-8	"	1 1-2 "	Box 11-16	"	4 1-4 "	Box 1	"	8 1-4 "
Box 7-16	"	1 3-4 "	Box 3-4	"	4 3-4 "			

Hair Felt

For Covering Boilers, Steam Pipes, Etc.

In rolls 6 feet wide.

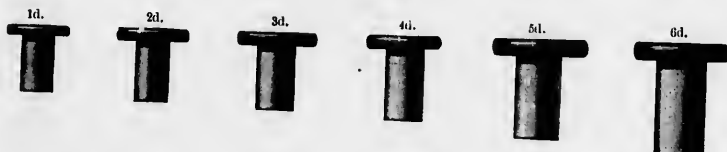
Thickness, inch..... 1-2 34  
 Per square foot..... \$0.09 .11

Size.  
 Length  
 Diam  
 Per p

7-16  
 3-8  
 11-32  
 5-16  
 No. 1  
 2  
 3  
 4  
 5  
 6  
 7  
 8  
 9  
 10  
 11  
 12  
 13  
 14

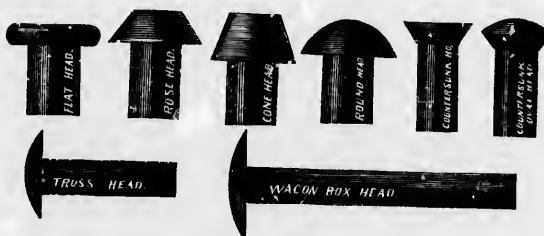
COOPERS' RIVETS

List of April 12th, 1892.



Size.....	1d.	2d.	3d.	4d.	5d.	6d.
Length, Inch.....	15-32	1-2	17-32	9-16	5-8	5-8
Diameter, W.G.....	4	3	3	2	inch 5-16	11-32
Per pound.....	\$0.13	.13	.12½	.12½	.12	.12

Iron Rivets in Bulk



List of Round, Flat, Wagon Box, Truss, Wheel, or other style heads, in quantities

List of April 12th, 1892.

PRICE PER POUND.

DIAMETER	LENGTH														
	Inch	1-2 and longer	15-32	7-16	13-32	3-8	11-32	5-16	9-32	1-4	7-32	3-16	5-32	1-8	3-32
7-16	11-1-2	11-1-2	11-1-2	..	..	..	..	..	..	..	..	..	..	..	..
3-8	12	12	12	..	..	..	..	..	..	..	..	..	..	..	..
11-32	12	12	12	..	..	..	..	..	..	..	..	..	..	..	..
5-16	12 1-2	12 1-2	12 1-2	13	13	..	..	..	..	..	..	..	..	..	..
No. 1	12 1-2	12 1-2	12 1-2	13	13	15	..	..	..	..	..	..	..	..	..
2	12 1-2	12 1-2	12 1-2	13	13	13	14	..	..	..	..	..	..	..	..
3	13	13	13	14	14	14	15	15	15	15	16	17	17	17	17
4	13	14	14	15	15	15	16	16	16	16	17	17	17	17	17
5	14	15	15	16	16	16	17	17	17	17	18	18	18	18	18
6	14	15	16	16	16	17	17	17	17	18	18	19	19	19	19
7	15	16	16	16	17	17	17	18	18	18	19	19	20	20	20
8	16	16	17	17	17	18	18	18	19	19	20	20	21	21	21
9	18	19	19	20	20	21	21	21	21	21	22	22	22	23	23
10	19	20	20	21	22	23	23	24	24	24	25	25	25	26	26
11	20	22	22	23	24	25	26	26	27	27	28	28	28	29	29
12	21	24	24	25	26	27	28	28	29	30	30	31	31	31	31
13	25	27	27	28	29	30	30	31	31	32	32	33	33	33	33
14	27	30	30	31	32	33	33	34	34	35	35	36	36	36	36

Rivets made from wire smaller than No. 14, all lengths, 70 cents per pound.

Tinning, 6 cents per pound extra.



Per lb. \$0.69  
Per lb. .60  
Per lb. .15  
Per lb. .18

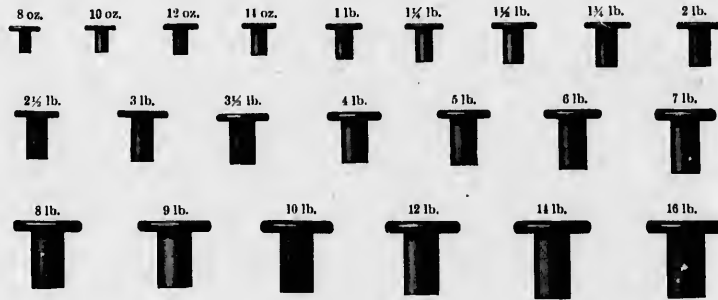


Sectional Ring.  
Per lb. \$1.50  
Per lb. 1.30  
Per lb. 1.30  
Per lb. 1.00  
Per lb. .75

Packing. Each box  
co.  
inch. Weights 5 3-4 pounds  
" " " 6 5-8 "  
" " " 7 "  
" " " 8 1-4 "

1-2 34  
\$0.09 .11

THOUSAND RIVETS



List of April 12, 1892.

In boxes per 1000.

Size.	Black.	Tinned.	Size.	Black.	Tinned.
8 ounce.....	\$ 0.20	\$ 0.24	4 pound.....	\$ 0.64	\$ 0.88
10 ounce.....	.22	.25	5 pound.....	.75	1.05
12 ounce.....	.24	.28	6 pound.....	.90	1.26
14 ounce.....	.26	.30	7 pound.....	1.05	1.50
1 pound.....	.27	.33	8 pound.....	1.20	1.70
1 1/4 pound.....	.29	.37	9 pound.....	1.27	1.80
1 1/2 pound.....	.32	.41	10 pound.....	1.40	2.00
1 3/4 pound.....	.36	.47	12 pound.....	1.70	2.40
2 pound.....	.40	.52	14 pound.....	1.90	2.75
2 1/2 pound.....	.47	.63	16 pound.....	2.25	3.10
3 pound.....	.53	.72	18 pound.....	2.60	3.70
3 1/2 pound.....	.58	.80	20 pound.....	2.80	4.00



Tinned Iron Belt Rivets



In one pound boxes.

PRICE PER POUND.

Nos.....	6	7	8	9	10
Inch, 1-4.....	.25	.25	.25	.27	.34
Inch, 5-16.....	\$0.24	.24	.25	.27	.33
inch, 8-8.....	\$0.23	.23	.24	.26	.30
Inch, 7-16.....	\$0.22	.23	.23	.25	.27
Inch, 1-2 and longer.....	\$0.20	.21	.22	.24	.25

Annealed Iron Burs, Black and Tinned

In one pound boxes.



Nos.....	3	4	5	6	7	8	9	10	13
Black, per pound.....	\$0.25	.26	.27	.30	.32	.33	.34	.35	.43
Tinned, per pound.....	\$0.31	.32	.33	.36	.38	.39	.40	.41	.48

Inch, 1-4



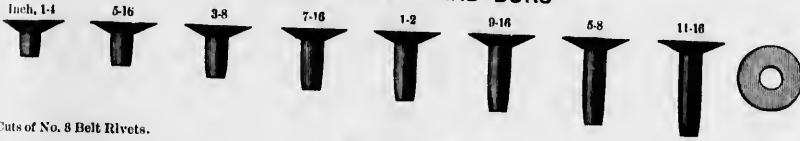
Cuts of No

Nos.....

Inch  
1-2  
3-4

1  
1 1-4  
1 1-2  
1 3-4  
2  
2 1-4  
2 1-2  
3  
3 1-4  
3 1-2  
4 1-4  
4 1-2

COPPER RIVETS AND BURS



Cuts of No. 8 Belt Rivets.

Belt Rivets  
In One Pound Boxes.

Nos. ....	7	8	10	12
	20	20	24	30

Tinned.

- \$ 0.88
- 1.05
- 1.26
- 1.50
- 1.70
- 1.80
- 2.00
- 2.40
- 2.75
- 3.10
- 3.70
- 4.00

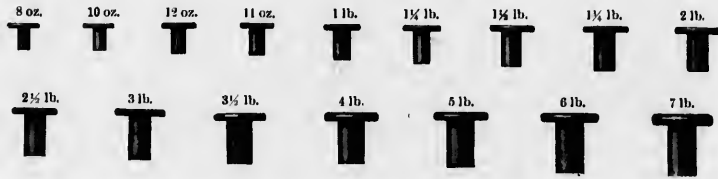
- 9
- 27
- 27
- 26
- 25
- 24

- 10
- 35
- 41

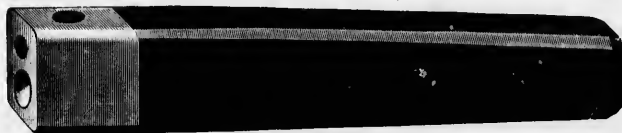
Inch																		
1-2																		
3-4																		
1																		\$0.22
1 1-4									\$0.35	\$0.30	\$0.29	\$0.28	\$0.25	\$0.24	\$0.22			.22
1 1-2									.38	.33	.30	.29	.27	.25				
1 3-4					\$0.87	\$0.58	\$0.50		.42	.37	.34	.32	.30	.25	.24			
2						.75	.65	.55	.45	.40	.37	.35						
2 1-4			\$1.00	\$0.90		.80	.70	.60	.48	.44	.40	.38						
2 1-2	\$2.20	1.80	1.30	1.00		.87	.75	.65	.54		.44							
3	2.47		1.40	1.30	1.10	.93	.80	.70	.58				.40					
3 1-4						.95												
3 1-2				1.40														
4 1-4	2.73			1.50														
4 1-2	3.27																	

Spring Cotters and Flat Spring Keys imported to order.

THOUSAND RIVETS



CAST STEEL RIVET SETS



Full size cut of No. 3.



Nos. ....	0	1	2	3	4	5	6	7	8
Per dozen .....	\$5.50	4.75	4.75	3.75	3.75	3.00	3.00	3.00	3.00

Half dozen in a box.

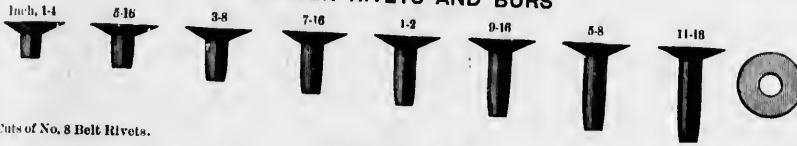
Annealed Iron Burs, Black and Tinned

In one pound boxes.



Nos. ....	3	4	5	6	7	8	9	10	12
Black, per pound .....	\$0.25	.26	.27	.30	.32	.33	.34	.37	.43
Tinned, per pound .....	\$0.31	.32	.33	.36	.38	.39	.40	.41	.48

COPPER RIVETS AND BURS



Cuts of No. 8 Belt Rivets.

Belt Rivets

In One Pound Boxes.

Nos. ....	7	8	10	12
All lengths from 1-4 to 1 1-2 inch, per pound. ....	\$0.49	.50	.54	.58

NUMBER OF COPPER BELT RIVETS AND BURS IN A POUND.

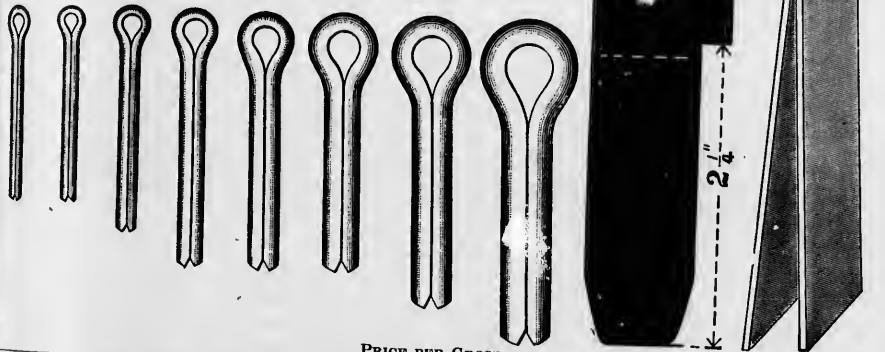
Number	1-4	5-16	3-8	7-16	1-2	9-16	5-8	3-4	7-8	1	1 1-8	1 1-4	Burs
7 .....	264	248	184	192	156	152	136	116	104	92	104	76	420
8 .....	276	268	228	204	192	168	160	136	116	104	84	94	588
10 .....	420	392	348	290	280	258	236	202	196	...	...	...	840
12 .....	888	520	500	420	376	307	358	326	...	...	...	...	1262

Coppered Iron Belt Rivets and Burs

In One Pound Boxes.

No. 8 Rivets, all lengths. ....	Per pound \$0.18
No. 8 Burs. ....	Per pound 0.30

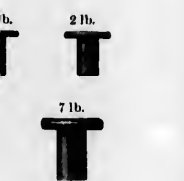
Nettlefold's Split Cotter Pins



PRICE PER GROSS.

Numbers	3-8	5-16	1	2	3	4	5	6	7	8	9	10	11	12	13
Inch															
1-2															
3-4															
1															\$0.22
1 1-4								\$0.35	\$0.30	\$0.29	\$0.28	.25	\$0.24	\$0.22	.22
1 1-2								.88	.33	.30	.29	.27	.25	.24	.24
1 3-4					\$0.97	\$0.58	\$0.50	.42	.37	.34	.32	.30	.28	.26	.24
2					.75	.66	.55	.45	.40	.37	.35	.30	.28	.26	.24
2 1-4		\$1.70	\$1.00	\$0.90	.80	.70	.60	.48	.44	.40	.38	.37	.30	.28	.26
2 1-2	\$2.20	1.80	1.20	1.10	.98	.80	.75	.54	.44	.40	.38	.37	.30	.28	.26
3	2.47		1.40	1.30	1.10	.93	.70	.58				.40			
3 1-4					1.40										
3 1-2					1.50										
4															
4 1-4															
4 1-2															

Spring Cotters and Flat Spring Keys imported to order.



Full size of Rivet Set Holes.  
 4 5 6  
 3.75 3.00 3.00

9 10 12  
 .34 .35 .42  
 .40 .41 .48



## WOVE WIRE

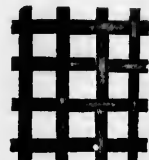
Cuts show full size of Mesh and Wire.

Hardware Grade, Wire Cloth.

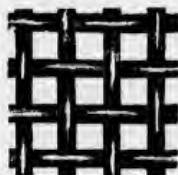
Meshes are from centre to centre of Wires. Put up in 12 yard Rolls.



No. 2 1-2 Mesh, of No. 10 Wire.

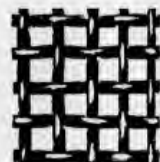


No. 3 1-2 Mesh, of No. 13 Wire.

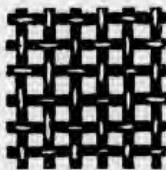


No. 3 Mesh, of No. 12 Wire.

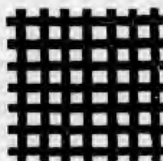
SIZE OF MESH.	No. of Wire.	CENTS PER YARD.			
		18-inch	21-inch	24-inch	30-inch
Inches.					
2 x 2	18	28	30	35	45
2 1-2 x 2 1-2	19	24	30	35	45
3 x 3	20	28	30	35	45
4 x 4	22	28	30	35	45
5 x 5	23	28	30	35	45
6 x 6	24	28	30	35	45
7 x 7	25	30	32	37	47
8 x 8	26	30	32	37	47
9 x 9	27	30	32	37	47
10 x 10	28	33	35	40	50
12 x 12	30	33	35	40	50
14 x 14	32	35	37 1/2	43	55
16 x 16	34	35	37 1/2	43	55
18 x 18	35	37	40	45	55
20 x 20	36	37	40	45	55
22 x 22	36	37	40	45	55
24 x 24	36			54	65
26 x 26	37			60	75



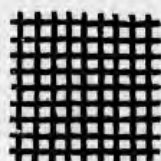
No. 4 Mesh, of No. 11 Wire.



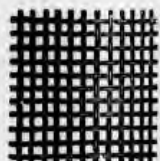
No. 5 Mesh, of No. 14 Wire.



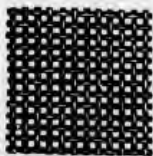
No. 6 Mesh, of No. 16 Wire.



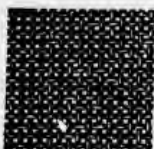
No. 8 Mesh, of No. 18 Wire.



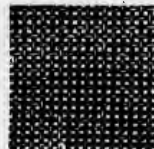
No. 10 Mesh, of No. 19 Wire.



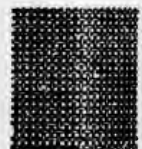
No. 12 Mesh, of No. 20 Wire.



No. 14 Mesh, of No. 21 Wire.



No. 16 Mesh, of No. 23 Wire.



No. 18 Mesh, of No. 25 Wire.

## Special Sand Screen Cloth

No. 3 x 3 inch of No. 16 Steel Wire, 30 and 36 inches wide.



## Perforated Sheet Zinc and Steel

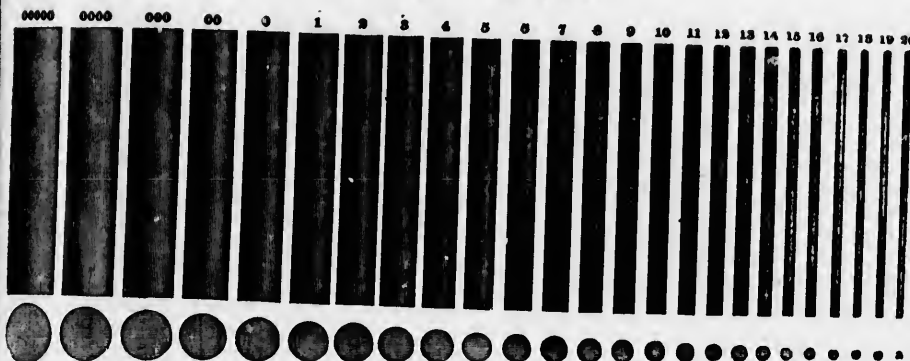
All sizes in stock or supplied to order.

0000  
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DIAMETER OF WIRE

By various Gauges in use in the United States and England.

Weights, Length and Breaking Strain



DECIMALS OF AN INCH.

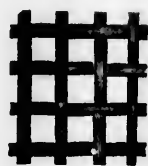
WEIGHT OF.

LENGTH OF.

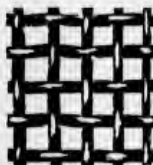
BREAKING STRAINS.

No.	Trenton Iron Co's Gauge.	Birmingham Gauge (Stub).	American Brown & Sharpe's Gauge.	Washburn & Moeh (Worcester) Gauge.	New British Standard Gauge, Merch. S.	WEIGHT OF.		100 Yards.	LENGTH OF.		BREAKING STRAINS.		No.
						100 Yards. Lbs.	Mile. Lbs.		100 Yards.	Annealed. Lbs.	Bright. Lbs.		
00000	.450			.430	.432	144.4	2541	70					
0000	.400	.454		.388	.400	123.8	2170	81		7814	11725	00000	
000	.390	.425	.40864	.362	.372	107.1	1885	94		6702	10052	0000	
00	.380	.380	.3649	.331	.348	93.7	1649	107		5790	8894	000	
0	.365	.340	.32480	.307	.304	81.2	1420	123		5372	7908	00	
1	.285	.300	.2803	.263	.275	68.9	1225	144		4897	6565	0	
2	.265	.284	.25703	.244	.252	49.1	1037	170		3770	5655	1	
3	.245	.259	.22942	.207	.212	34.8	864	203		3190	4785	2	
4	.225	.228	.18194	.162	.176	24.	732	240		2890	3900	3	
5	.205	.220	.16202	.148	.160	19.8	612	287		2554	3381	4	
6	.190	.186	.14428	.135	.144	16.0	502	348		1833	2824	5	
7	.175	.180	.12849	.120	.128	12.7	422	417		1600	2470	6	
8	.160	.165	.11443	.105	.110	10.4	348	505		1390	1813	7	
9	.145	.148	.10189	.092	.104	8.4	282	607		1130	1507	8	
10	.130	.134	.090742	.080	.080	7.0	223	787		925	1233	9	
11	.1175	.120	.080808	.072	.072	5.8	183	962		738	1010	10	
12	.105	.109	.071961	.062	.062	5.	148	1190		607	810	11	
13	.0925	.095	.064084	.054	.054	4.	114	1539		473	631	12	
14	.080	.083	.057008	.047	.047	3.2	88	2000		356	474	13	
15	.061	.065	.048257	.038	.038	2.4	70	2500		290	372	14	
16	.0525	.058	.043257	.032	.032	2.0	56	3125		220	292	15	
17	.045	.049	.038303	.025	.025	1.8	42	4167		165	222	16	
18	.040	.042	.03589	.020	.020	1.2	32	5555		127	160	17	
19	.035	.035	.031061	.015	.015	1.2	21	8333		103	137	18	
20	.031	.032	.028462	.012	.012	1.	18	10000		80	107	19	
21	.028	.028	.025347	.008	.008	.70	13.44	13100				20	
22	.025	.025	.023571	.006	.006	.62	10.67	16041				21	
23	.0225	.022	.021	.005	.005	.50	8.75	20124				22	
24	.020	.020	.0179	.004	.004	.40	7.08	24857				23	
25	.018	.018	.01504	.003	.003	.32	5.50	31448				24	
26	.017	.010	.014195	.002	.002	.26	4.53	38822				25	
27	.016	.014	.012941	.001	.001	.23	4.04	43224				26	
28	.015	.013	.01257	.001	.001	.21	3.58	49224				27	
29	.014	.012	.010425	.001	.001	.18	3.15	55809				28	
30	.013	.010	.008828	.001	.001	.150	2.74	64177				29	
31	.012	.009	.00795	.001	.001	.14	2.30	74422				30	
32	.011	.007	.00708	.001	.001	.12	2.01	87353				31	
33	.010	.003	.006304	.001	.001	.10	1.80	103970				32	
34	.0085	.005	.005511	.001	.001	.090	1.60	126755				33	
35	.008	.004	.005	.001	.001	.072	1.26	139417				34	
36	.0085			.001	.001	.064	1.13	155257				35	
37	.008			.001	.001							36	
38	.0075			.001	.001								
39	.007			.001	.001								
40				.001	.001								

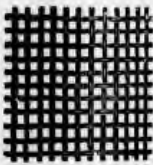
tolls.



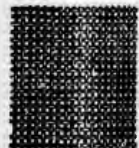
No. 3 1-2 Mesh, of No. 13 Wire.



No. 4 Mesh, of No. 14 Wire



No. 10 Mesh, of No. 19 Wire



No. 18 Mesh, of No. 23 Wire

and Steel

l to order.



ROLLASON'S PATENT CAST STEEL MUSIC WIRE

IN HALF POUND BUNDLES.

Nos. ....	2	4	6	7	8	9	10	11	12					
Per pound .....														
Nos. ....	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Per pound .....														

Brass Spring Wire

Nos. ....	0	1	2	3	4	5	6	7	8	9	10	11	12
Per pound .....													
Nos. ....	13	14	15	16	17	18	19	20	21	22			
Per pound .....													

Annealed Brass Snare Wire

IN 1 AND 2 OZ. RINGS.

Nos. ....	22	24	28
Per pound .....			

IN 4 OZ. RINGS.

Nos. ....	22	24	28
Per pound .....			

Soft Copper Wire

Nos. ....	3	4	5	6	7	8	10	11	12	13
Per pound .....										
Nos. ....	14	15	16	17	18	10	20	21	22	
Per pound .....										

Wire on Spools



Exact size. No. 5 or "Hair Wire" Spool.

Nos. ....	28	32	34	36
Black, per dozen spools .....	\$0.35	40	45	45
Tinned, per dozen spools .....	0.40	45	50	55



Exact size. Quarter Pound Spool.

Brass Spring Wire, 1/4 lb. Spools.

Nos. ....	16	18	20	22
Per dozen spools .....	\$1.95	1.95	2.10	2.25

Soft Copper Wire, 1/4 lb. Spools.

Nos. ....	16	18	20	22
Per dozen spools .....	\$2.10	2.10	2.10	2.40

One dozen spools in a box.

6	17	18	19	20
\$ 3.80	\$ 4.00	\$ 4.25	\$ 4.45	\$ 4.65
95	4.00	4.20	4.15	4.65
00	4.15	5.00	6.00	.....
50	5.30	5.00	6.00	.....
15	5.80	6.10	.....	.....
80	5.50	5.70	6.00	.....

ghtened Wire  
feet long (not exact).  
7-16 3-8 5-16 1-4 3-16  
ed on application.

ghtened Wire	10 to 20 in.	5 to 10 in.
exact length.	long.	long.
lbs. Per 100 lbs.	Per 100 lbs.	Per 100 lbs.
0	0.60	1.00
5	1.00	1.50
0	1.50	2.00
0	2.00	3.00

6 17 18 19 20

5 16 17 18 19

37 38 39 40

49 50 51 52

16 17 18 28

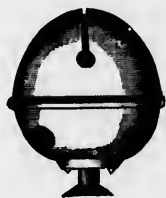
11-32 23-64 38

SLEIGH BELLS

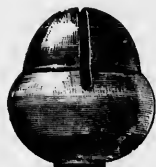
We do not illustrate full line of Sleigh Bells, but can supply strapped bells (in patterns of bells shown) for back or body, plain black or russet leather, felt lined or leather bound, gilt or nickel bells.

Shaft Gongs, Saddle Chimes, Open Team Bells.

Our travellers will carry samples in regular season, new patterns being constantly introduced.



Dextor.



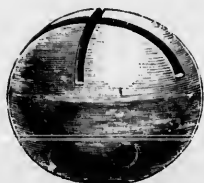
Dome.



Acorn.



New Bevel.



Centennial.



Saddle Chimes. No. 12.



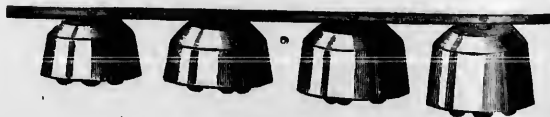
Open Team Bell.



Dome Shaft Gong. No. 11.



Swiss Chimes.



Bevel Chimes.

Nos. ....  
Height wit  
Width at r  
Per dozen.

Leather Co

No. 12—Cast

COW BELLS



Full size cut, of No. 6.

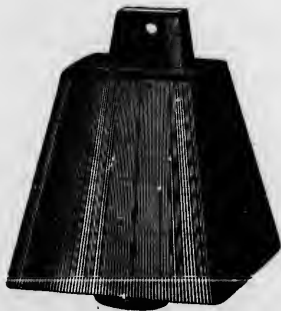
Nos.....	0	1	2	3	4	5	6	7
Height without loop, inch .....	6 3-4	6	5 1-2	4 7-8	4	3 1-4	2 3-4	2 3-8
Width at mouth, inch .....	5 3-4	5 1-4	4 3-4	3 7-8	3 1-2	3	2 1-2	2 1-4
Per dozen.....	\$7.00	5.75	4.50	3.50	3.00	2.25	1.75	1.50

Cow Bell Straps

Leather Cow Bell Straps, 42 inches long, 1 1-4 inches wide ..... Per dozen \$3.00

Cast Sheep Bells

With Leather Strap.



Full size cut.

No. 12—Cast Sheep Bell, with leather strap ..... Per dozen \$3.75

supply strapped bells (in  
asset leather, felt lined or

patterns being constantly



Open Team Bell.



ii.



## FARM BELLS



These Bells are made of good material and are the best of their class.

- No. 2—Diameter 17 inches, weight 50 pounds ..... Each \$3.75  
 No. 3—Diameter 19 inches, weight 75 pounds ..... Each 5.00  
 No. 4—Diameter 21 inches, weight 100 pounds ..... Each 6.75

## Steel Alloy Church and School Bells



No. 24. With Tolling Attachment.

These bells can be relied on under all circumstances and in all seasons.

Bells are numbered by the diameter in inches.

List Number and Diameter in inches.	Weight of Bell only.	Weight of Bell and Mountings.	List Price.
<b>20</b>	105 pounds.	150 pounds.	\$16.00
<b>22</b>	125 pounds.	175 pounds.	20.00
<b>24</b>	155 pounds.	225 pounds.	25.00
<b>26</b>	220 pounds.	325 pounds.	40.00
<b>28</b>	265 pounds.	425 pounds.	50.00

Tolling hammers for Nos. 24, 26 and 28 when so ordered, \$5.00 each, extra.

All sizes, except Nos. 20 and 22, have springs.

.....Each \$3.75  
.....Each 5.00  
.....Each 6.75

---

List Price.

\$16.00  
20.00  
25.00  
40.00  
50.00

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## ERRATA

## HARVEST TOOLS

An advance in List Prices of Forks, Hoes, Etc. (illustrated in Pages 611 to 618) was made by manufacturers after this Catalogue had passed through printer's hands. The following are the Revised Prices applying to the above mentioned pages.

## Page 611

2 Prong Boys' Forks, plain ferrule, straight handle.....	Per dozen	\$ 6.00
2 Prong Hay Forks, plain ferrule, straight handle.....	Per dozen	7.00
2 Prong Hay Forks, plain ferrule, bent handle.....	Per dozen	7.50
2 Prong Hay Forks, plain ferrule, bent handle, 14 inch tine.....	Per dozen	8.75
2 Prong Hay Forks, strap ferrule, straight handle.....	Per dozen	8.50
2 Prong Hay Forks, strap ferrule, bent handle.....	Per dozen	9.00
3 Prong Hay Forks, plain ferrule, straight handle.....	Per dozen	8.50
3 Prong Hay Forks, plain ferrule, bent handle.....	Per dozen	9.00
3 Prong Hay Forks, plain ferrule, bent handle, 14 inch tine.....	Per dozen	10.00
3 Prong Hay Forks, strap ferrule, straight handle.....	Per dozen	9.75
3 Prong Hay Forks, strap ferrule, bent handle.....	Per dozen	10.25
4 Prong Hay Forks, plain ferrule, bent handle, 12 inch tine.....	Per dozen	12.00

## Page 612

3 Prong Straw Forks, plain ferrule, straight handle, 14 inch tine.....	Per dozen	\$10.25
3 Prong Barley Forks, plain ferrule, bent handle, 16 inch tine.....	Per dozen	11.75
4 Prong Straw Forks, plain ferrule, bent handle, 16 inch tine.....	Per dozen	13.75
4 Prong Barley Forks, plain ferrule, bent handle, 20 inch tine.....	Per dozen	17.75
4 Prong Barley Forks, plain ferrule, bent handle, 20 inch tine with movable backs.....	Per dozen	19.75

## Page 613

4 Prong Manure Forks, long handle, plain ferrule.....	Per dozen	\$11.75
4 Prong Manure Forks, long handle, strap ferrule.....	Per dozen	13.25
4 Prong Manure Forks, D handle, plain ferrule.....	Per dozen	13.00
4 Prong Manure Forks, D handle, strap ferrule.....	Per dozen	14.25
4 Prong Manure Forks, long handle, plain ferrule, "Acme" double shank.....	Per dozen	13.00
4 Prong Manure Forks, long handle, strap ferrule, "Acme" double shank.....	Per dozen	15.00
4 Prong Manure Forks, D handle, plain ferrule, "Acme" double shank.....	Per dozen	14.00
4 Prong Manure Forks, D handle, strap ferrule, "Acme" double shank.....	Per dozen	15.75

## Page 614

5 Prong Manure Forks, long handle, plain ferrule.....	Per dozen	\$14.00
5 Prong Manure Forks, long handle, strap ferrule.....	Per dozen	9.25
5 Prong Manure Forks, D handle, plain ferrule.....	Per dozen	19.00
5 Prong Manure Forks, D handle, strap ferrule.....	Per dozen	20.50
6 Prong Manure Forks, long handle, plain ferrule.....	Per dozen	21.00
6 Prong Manure Forks, long handle, strap ferrule.....	Per dozen	22.50
6 Prong Manure Forks, D handle, plain ferrule.....	Per dozen	22.00
6 Prong Manure Forks, D handle, strap ferrule.....	Per dozen	23.25

## Page 615

4 Prong Spading Forks, long handle, plain ferrule.....	Per dozen	\$15.75
4 Prong Spading Forks, long handle, strap ferrule.....	Per dozen	17.50
4 Prong Spading Forks, D handle, plain ferrule.....	Per dozen	17.00
4 Prong Spading Forks, D handle, strap ferrule.....	Per dozen	18.00
4 Prong Potato Forks, long handle, plain ferrule.....	Per dozen	12.75
4 Prong Potato Forks, D handle, plain ferrule.....	Per dozen	14.00
4 Prong Potato Hooks, solid steel shanks, round tines.....	Per dozen	8.50
4 Prong Potato Hooks, solid steel shanks, diamond backs.....	Per dozen	10.00
4 Prong Manure Drags.....	Per dozen	10.50
5 Prong Manure Drags.....	Per dozen	12.50

## Page 616

Field Hoes, riveted shank.....	Per dozen	\$5.50
Field Hoes, cast steel shank, solid neck.....	Per dozen	7.50
Field Hoes, cast steel shank, socket.....	Per dozen	9.00
Garden Hoes, cast steel shank, solid neck.....	Per dozen	7.00
Ladies' Hoes, cast steel shank, solid neck.....	Per dozen	6.50
Turnip Hoes, cast steel shank, solid neck.....	Per dozen	8.25
Carrot Hoes, cast steel shank, solid neck.....	Per dozen	7.00

## Page 617

Dutch Hoes, cast steel shank, solid neck.....	Per dozen	\$8.25
Weeding Hoes, 4 tooth, cast steel shank, solid neck.....	Per dozen	8.25
Turf Edgers, cast steel shank, solid neck.....	Per dozen	13.50
Weed Cutters, cast steel shank, solid neck.....	Per dozen	5.00
Mortar Hoes, cast steel shank, solid neck.....	Per dozen	12.50
Mortar Hoes, cast steel shank, solid neck (with holes).....	Per dozen	13.50

## Page 618

Malleable Iron Garden Rakes, 10 tooth.....	Per dozen	\$3.50
Malleable Iron Garden Rakes, 12 tooth.....	Per dozen	6.00
Malleable Iron Garden Rakes, 14 tooth.....	Per dozen	5.50
Malleable Iron Garden Rakes, assorted 10, 12 & 14 tooth.....	Per dozen	6.00
Malleable Iron Garden Rakes, 12 tooth (patent brace heads).....	Per dozen	7.00
Cast Steel Garden Rakes, solid steel shank, 10 tooth (patent brace heads).....	Per dozen	8.75
Cast Steel Garden Rakes, solid steel shank, 12 tooth (patent brace heads).....	Per dozen	9.75
Cast Steel Garden Rakes, solid steel shank, 14 tooth (patent brace heads).....	Per dozen	10.75
Cast Steel Garden Rakes, solid steel shank, 16 tooth (patent brace heads).....	Per dozen	12.00
Cast Steel Garden Rakes, solid steel shank, assorted 10, 12 and 14 tooth (patent brace heads).....	Per dozen	9.75
Garden Tools, cast steel (Spade, Hoe and Rake).....	Per set	2.50

HAY FORKS

TOLEDO FORK MILLS CO.

Made of best crucible cast steel, capped ferrules, balloon tines, best selected second growth white ash handles.



2 Prong Boys.



3 Prong Hay, plain ferrule.



3 Prong Hay, strap ferrule.



4 Prong Hay.

2 Prong Boys, plain ferrule, straight handle.....	Per dozen \$5.80
2 Prong Hay, plain ferrule, straight handle.....	Per dozen 6.25
2 Prong Hay, plain ferrule, bent handle.....	Per dozen 6.75
2 Prong Hay, plain ferrule, bent handle, 14 inch tine.....	Per dozen 7.75
2 Prong Hay, strap ferrule, straight handle.....	Per dozen 7.50
2 Prong Hay, strap ferrule, bent handle.....	Per dozen 8.00
3 Prong Hay, plain ferrule, straight handle.....	Per dozen \$7.50
3 Prong Hay, plain ferrule, bent handle.....	Per dozen 8.00
3 Prong Hay, plain ferrule, bent handle, 14 inch tine.....	Per dozen 9.00
3 Prong Hay, strap ferrule, straight handle.....	Per dozen \$8.75
3 Prong Hay, strap ferrule, bent handle.....	Per dozen 9.25
4 Prong Hay, plain ferrule, bent handle, 12 inch tine.....	Per dozen \$11.00

Standard length of tines, 12 inches.

Length of handles per list assorted to 5 1-2 feet.

Extras, all 5 1-2 feet, 25c. per dozen, 5 1-2 to 6 feet 50c., all 6 feet 75c.

## STRAW AND BARLEY FORKS

TOLEDO FORK MILLS CO.

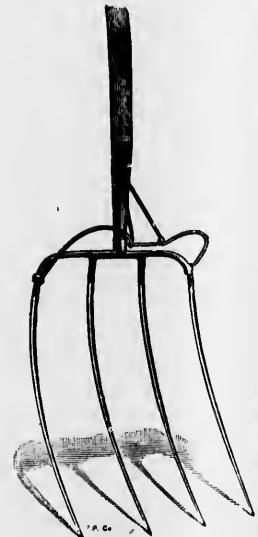
Balloon Tines. Capped Ferrules.



3 Prong Straw or Barley.



4 Prong Straw or Barley.



4 Prong Barley.

3 Prong, Straw, plain ferrule, straight handle, 14 inch tine.....	Per dozen \$ 9.25
3 Prong, Barley, plain ferrule, bent handle, 16 inch tine.....	Per dozen 10.75
4 Prong, Straw, plain ferrule, bent handle, 16 inch tine.....	Per dozen \$14.00
4 Prong, Barley, plain ferrule, bent handle, 20 inch tine.....	Per dozen 16.75
4 Prong, Barley, plain ferrule, bent handle, 20 inch tine, with movable backs.....	Per dozen \$18.75

4 Prong M  
4 Prong M4 Prong M  
4 Prong M4 Prong M  
4 Prong M  
4 Prong M  
4 Prong M

MANURE FORKS

TOLEDO FORK MILLS CO.

Balloon Tines. Capped Ferrules.



Acme Double Shank.

4 Prong Manure, long handle, plain ferrule.....	Per dozen \$10.75
4 Prong Manure, long handle, strap ferrule.....	Per dozen 11.75
4 Prong Manure, D handle, plain ferrule.....	Per dozen \$11.50
4 Prong Manure, D handle, strap ferrule.....	Per dozen 12.75

Acme Double Shank

4 Prong Manure, long handle, plain ferrule, "Acme" double shank.....	Per dozen \$11.50
4 Prong Manure, long handle, strap ferrule, "Acme" double shank.....	Per dozen 13.00
4 Prong Manure, D handle, plain ferrule, "Acme" double shank.....	Per dozen 12.50
4 Prong Manure, D handle, strap ferrule, "Acme" double shank ..	Per dozen 14.00



4 Prong Barley.

..... Per dozen \$ 9.25  
 ..... Per dozen 10.75

..... Per dozen \$14.00  
 ..... Per dozen 16.75

..... Per dozen \$18.75

**MANURE FORKS**

TOLEDO FORK MILLS CO.

Balloon Tines. Capped Ferrules.

- 5 Prong Manure, long handle, plain ferrule ..... Per dozen \$16.00
- 5 Prong Manure, long handle, strap ferrule. . . . . Per dozen 17.25

- 5 Prong Manure, D handle, plain ferrule..... Per dozen \$17.00
- 5 Prong Manure, D handle, strap ferrule..... Per dozen 18.25



5 Prong Manure.



5 Prong Manure, D Handle.



6 Prong Manure.

- 6 Prong Manure, long handle, plain ferrule ..... Per dozen \$18.75.
- 6 Prong Manure, long handle, strap ferrule ..... Per dozen 20.00

- 6 Prong Manure, D handle, plain ferrule..... Per dozen \$19.50
- 6 Prong Manure, D handle, strap ferrule..... Per dozen 20.75



6 Prong Manure, D Handle.



Spading

4 Prong P  
4 Prong P

4 Prong Ma  
5 Prong Na



Prong Manure, D Handle.



Spading Fork.



Potato Fork.

**SPADING FORKS**

TOLEDO FORK MILLS Co.

Capped Ferrules.

- 4 Prong Spading, long handle, plain ferrule ..... Per dozen \$14.00
- 4 Prong Spading, long handle, strap ferrule ..... Per dozen 15.50
- 4 Prong Spading, D handle, plain ferrule..... Per dozen 15.00
- 4 Prong Spading, D handle, strap ferrule..... Per dozen 16.00

**Potato Forks**

- 4 Prong Potato, long handles, plain ferrule . . . . . Per dozen \$11.25
- 4 Prong Potato, D Handle, plain ferrule..... Per dozen 12.50

**Potato Hooks**



- 4 Prong Potato Hooks, oval tines ..... Per dozen \$9.00
- 4 Prong Potato Hooks, round tines..... Per dozen 7.50

**Manure Drags**



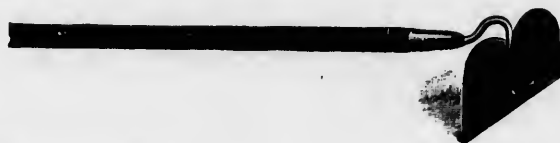
- 4 Prong Manure Drags, balloon tines..... Per dozen \$ 9.50
- 5 Prong Manure Drags, balloon tines..... Per dozen 11 00



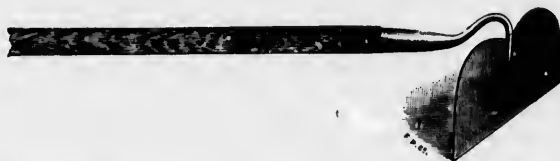
Prong Manure, D Handle.

**FIELD HOES**

TOLEDO FORK MILLS CO.



Field Hoes, riveted shank, 8 x 5 inches ..... Per dozen \$4.50  
 Field Hoes, cast steel shank, solid neck, 8 x 5 inches ..... Per dozen 6.75



Field Hoes, cast steel shank, socket 8 x 5 inches ..... Per dozen \$7.75

**Garden Hoes**



Garden Hoes, cast steel shank, solid neck, 6 x 4 1-4 inches ..... Per dozen \$6.00  
 Ladies' Hoes, cast steel shank, solid neck, 4 1-2 x 3 1-4 inches ..... Per dozen 5.50

**Turnip Hoes**



Turnip Hoes, cast steel shank, solid neck, assorted blades, 8 to 10 inches ..... Per dozen \$7.00

**Carrot Hoes**



Carrot Hoes, cast steel shank, solid neck, 4 inch cut, 5 inch deep ..... Per dozen \$6.00

Du  
Wee  
Turf  
Weed  
Mortar  
Mortar

**DUTCH HOES**

TOLEDO FORK MILLS CO.



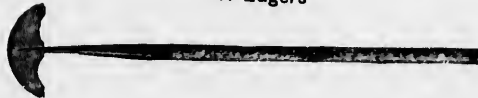
Dutch Hoes, cast steel shank, solid neck, 7 x 2 1-2 inches..... Per dozen \$7.00

**Weeding Hoes**



Weeding Hoes, 4 tooth, cast steel shank, solid neck, 4 1-2 inch blade..... Per dozen \$7.00

**Turf Edgers**



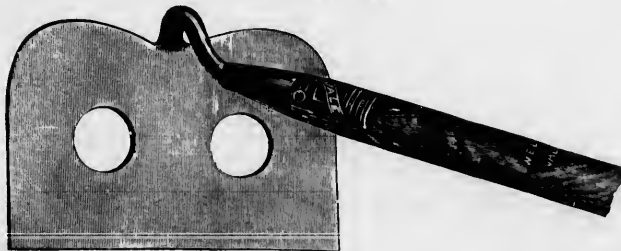
Turf Edgers, cast steel shank, solid neck, 9 x 3 inches..... Per dozen \$12.00

**Weed Cutters**



Weed Cutters, cast steel shank, solid neck..... Per dozen \$4.50

**Mortar Hoes**



Mortar Hoes, cast steel shank, solid neck, 9 1-4 x 6 1-2 inches..... Per dozen \$11.00  
 Mortar Hoes, cast steel shank, solid neck, with holes, 9 1-4 x 6 1-2 inches..... Per dozen 12.00



GARDEN RAKES

TOLEDO FORK MILLS CO.



Malleable Iron

Patent Brace Heads.

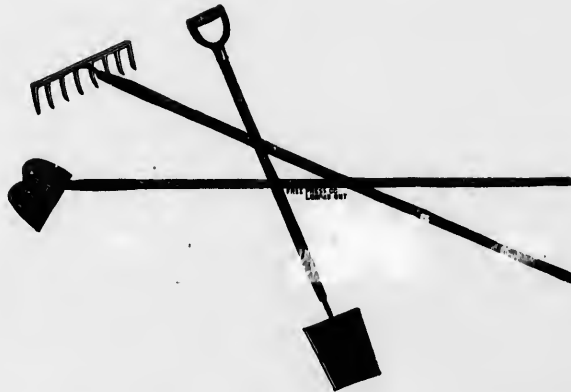
Number of Teeth .....	<b>10</b>	..	<b>12</b>	..	<b>14</b>	.....	Assorted....	<b>10</b>	..	<b>12</b>	<b>14</b>
Per dozen .....	\$5.00	..	5.50	..	6.00	.....				5.50	

Cast Steel

Cast Steel Shank. Solid Neck.

Number of Teeth .....	<b>10</b>	.....	<b>12</b>	.....	<b>14</b>	.....	<b>16</b>
Per dozen.....	\$8.25	.....	9.25	.....	10.25	.....	16.75

Garden Tools



Cast Steel Garden Tools (spade, hoe and rake) ..... Per set \$2.30

CAST  
OHIO  
CLIMA  
TOLEDO

ROYAL  
CLIPPE

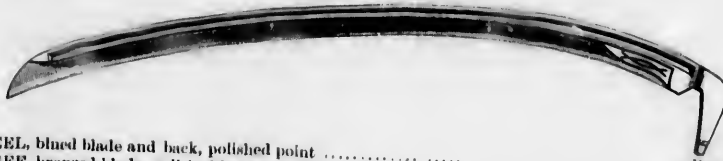
SORBY'S

Cast steel,

Cast steel,

**GRASS SCYTHES**

TOLEDO FORK MILLS CO.



- CAST STEEL, blued blade and back, polished point ..... Per dozen \$11.00
- OHIO CHIEF, bronzed blade, polished back and point, blued web ..... Per dozen 12.00
- CLIMAX, polished blade back and point, bronzed web ..... Per dozen 14.50
- TOLEDO BLADE, polished blade back and point, bronzed web ..... Per dozen 16.00

One dozen in a box.

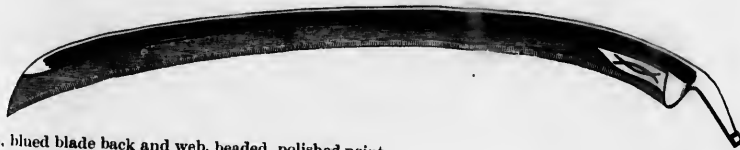


- ROYAL, wide heel, bronzed blade and web, polished back and point. .... Per dozen \$13.00
- CLIPPER, wide heel, polished blade back and point, bronzed web ..... Per dozen 14.50

One dozen in a box.

- SORBY'S Lawn Scythes, polished blade, blued, riveted back ..... Per dozen 10.00

**Grain Scythes**



- Cast steel, blued blade back and web, beaded, polished point ..... Per dozen \$16.00

**Bush Scythes**



- Cast steel, painted blade and back, beaded, polished point ..... Per dozen \$13.00



10 .. 12 14  
5.50

4 ..... 16  
25 ..... 16.75

..... Per set \$2.30

## GRASS HOOKS



Fox's Reaping Hooks No. 2.....	Per dozen	\$4.65
Fox's Reaping Hooks No. 3.....	Per dozen	5.25
Fox's Reaping Hooks No. 4.....	Per dozen	5.80
Fox's Reaping Hooks No. 5.....	Per dozen	7.40
Canadian Reaping Hooks, small.....	Per dozen	3.75
Canadian Reaping Hooks, medium.....	Per dozen	4.25
Canadian Reaping Hooks, large.....	Per dozen	4.50
Sickles .....	Per dozen	4.65

## Corn Knives



Corn Knives, cast steel .....	Per dozen	\$3.40
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## Brush Hooks



Brush Hooks, handled, ordinary pattern .....	Per dozen	\$12.75
Brush Hooks, handled (extra heavy), British Columbia pattern.....	Per dozen	15.00

## Farmers' Bill Hooks



No. 967 .....	2	3
Length from heel to point, inch.....	8 1-2	9
Per dozen .....	\$15.00	16.50

## Weed Hooks

No. 925—Square points, cast steel .....	Per dozen	\$3.50
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HAY KNIVES

Lightning



Cast Steel Lightning Hay Knives ..... Per dozen \$18.00  
 Brook's Cast Steel Hay Knives. .... Per dozen 18 50

Heath's Patent



Heath's Patent Hay Knives. .... Per dozen \$21.00

Spear Point



L Handle Cast Steel Hay Knives, spear point ..... Per dozen \$18.00  
 T Handle Cast Steel Hay Knives, spear point ..... Per dozen 18.00

CORN HOOKS



Corn Hooks, cast steel blades, strapped ..... Per dozen \$3.25  
 Brook's, cast steel blades ..... Per dozen 5.00

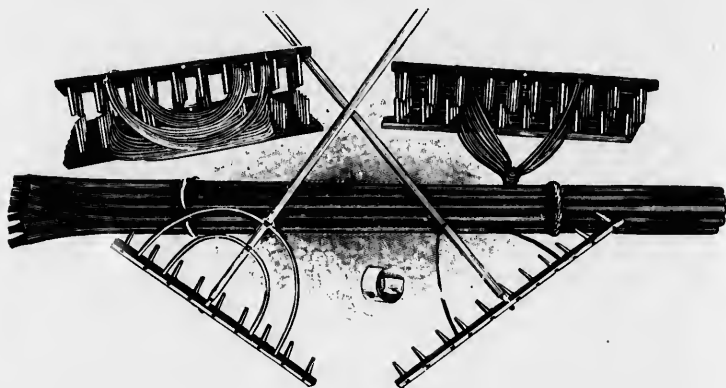
..... Per dozen \$4.65  
 ..... Per dozen 5.25  
 ..... Per dozen 5.80  
 ..... Per dozen 7.40  
 ..... Per dozen 3.75  
 ..... Per dozen 4.25  
 ..... Per dozen 4.50  
 ..... Per dozen 4.65

..... Per dozen \$3.40

..... Per dozen \$12.75  
 ..... Per dozen 15.00

..... 2 3  
 ..... 8 1-2 9  
 ..... \$15.00 16.50  
 ..... Per dozen \$3.30

## BUSCHLEN'S PATENT HAY RAKES



Save freight, warehouse room and liability to breakage in shipment. Can be mounted by anyone without previous experience.

The **Wood Bow Rake** has narrow slots made in handle into which bows are set. Rake is mounted by simply putting the end of handle into head and nailing on the clips.

In **Wire Bow Rake** bow is secured to handle by staples.

Clips, nails and staples sent with each bundle.

Wood Bow, straight .....	Per dozen \$1.20
Wire Bow, straight .....	Per dozen 1.35
Wood Bow, bent .....	Per dozen 1.35
Wire Bow, bent .....	Per dozen 1.40

## Hand Hay Rakes



No. 1—Straight Hay Rakes, wood bow .....	Per dozen \$1.20
No. 1—Straight Hay Rakes, wire bow .....	Per dozen 1.25
No. 1—Bent Hay Rakes, wood bow .....	Per dozen 1.35
No. 1—Bent Hay Rakes, wire bow .....	Per dozen 1.40
Extra Bent Hay Rakes, oiled head, wood bow .....	Per dozen 1.75
Extra Bent Hay Rakes, oiled head, wire bow .....	Per dozen 1.80

STRAW-CUTTER KNIVES

RICHMOND AND CHANDLER'S PATTERN.



Nos.....	0	3	4	5
Each.....	\$1.75	1.90	2.25	2.80

Knives of any pattern supplied to order.

Scythe Snaths



Cockburn's Patent Scythe Snaths, revolving socket..... Per dozen \$9.50



No. 00—Patent Swing Socket..... Per dozen \$9.50



No. 102—Loop and Slide Socket..... Per dozen \$9.00



No. 150—Loop and Solid Plate..... Per dozen \$8.00



No. Z—Drive Ring and Slide Socket..... Per dozen \$8.00



No. 2—Drive Ring and Socket..... Per dozen \$7.00



No. 3—Drive Ring..... Per dozen \$6.00



Double Ring Bush..... Per dozen \$9.00

Half dozen in a bundle.

d by anyone without previ-

Rake is mounted by simply

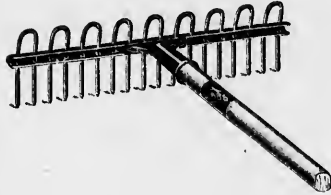
..... Per dozen \$1.30  
 ..... Per dozen 1.35  
 ..... Per dozen 1.35  
 ..... Per dozen 1.40

..... Per dozen \$1.30  
 ..... Per dozen 1.35  
 ..... Per dozen 1.35  
 ..... Per dozen 1.40  
 ..... Per dozen 1.55  
 ..... Per dozen 1.80

LAWN RAKES

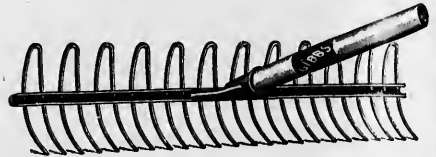
The "Boss"

Heavily tinned. Reversible.



The "Crescent"

Heavily tinned. Reversible.



The "BOSS" all steel, full tinned, 12 1-2 inch head, 14 teeth ..... Per dozen \$6.75  
 Can be used as a lawn rake, around stables, and on gravel walks.

The "CRESCENT" all steel, full tinned, 21 inch head, 24 teeth ..... Per dozen 9.00

Vegetable Scoops



Vegetable Scoops, cast steel, D handle, 10 tine, 16 x 12 1-2 inches ..... Per dozen \$22.00

Coal or Coke Forks



Coal or Coke Forks, cast steel, 14 tines ..... Each \$4.25

**GRAIN CRADLES**

With and Without Scythes.

**Improved Mulley**

Wood Braces.

Without scythes..... Per dozen \$16.00  
 Complete with scythes..... Per dozen 30.00  
 With iron braces, add \$2.00 per dozen.

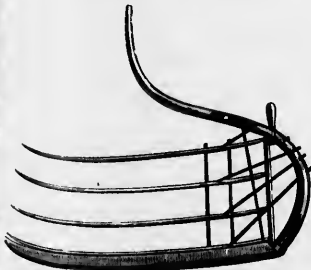


Improved Mulley.

**Half Mulley**

Wood Braces.

Without scythes..... Per dozen \$16.00  
 Complete with scythes..... Per dozen 30.00  
 With iron braces, add \$2.00 per dozen.



Half Mulley.

**Morgan**

Wood Braces.

Without scythes..... Per dozen \$16.00  
 Complete with scythes..... Per dozen 30.00  
 With iron braces, add \$2.00 per dozen.



Morgan.

**Cradle Fingers**



Cradle Fingers, dressed..... Per dozen \$1.50

Reversible.

Per dozen \$6.75

Per dozen 9.00

Per dozen \$22.00

Each \$4.25



## HAY FORK PULLEYS.



Half Size Cut of No. 108.

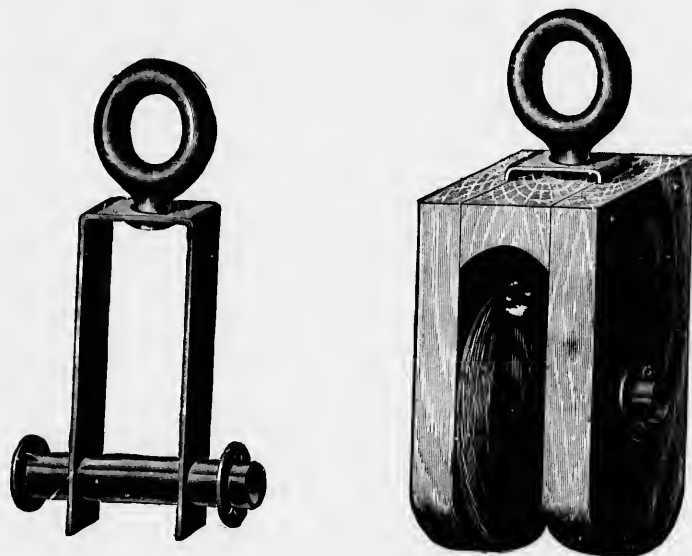
Half Size Cut of No. 107.

No. 108. 6 Inch Maple Sheave, for 1 Inch Rope or Smaller.....Per Dozen, \$3.75

No. 107. Knot passing, 5 In. Maple Sheave, Heavy Malleable Iron Frame..Per Dozen, 3.75

PACKED AS WANTED.

HAY FORK PULLEYS.



Wood Frame, Hay Fork Pulleys.

- No. 111—5 Inch, Maple Sheave, Swivel Hook ..... Per Dozen, \$4.50  
 Hartz, Steel, Style as No. 111 with Swivel Ring ..... Per Dozen, 4.50

(Cut shows Pulley, with Ring )

Wrought Iron Floor Hooks.



- 3-4 Inch..... Per Dozen, \$1.00

PACKED AS WANTED.



No. 107.

Per Dozen, \$3.75

Per Dozen, 3.75

HAY FORK PULLEYS



STEARNS' NEW PATTERN.

For one inch rope, Japanned.

- No. 1—Solid Eye, japanned..... Per dozen \$3.00
- No. 11—Swivel Eye, japanned..... Per dozen 3.25

B. S. & M. For 1 1-4 inch rope.

- No. 10—Solid Eye, japanned..... Per dozen \$3.53
- No. 10—Swivel Eye, japanned..... Per dozen 4.25

Full barrels contain about 8 dozen.

Well Wheels



Cast Iron, Japanned.

Inch .....	10	12
Per dozen.....	\$6.00	7.25

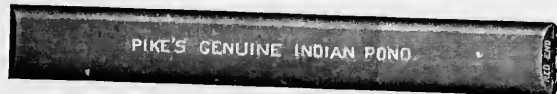
SCYTHE STONES



Canada Red End, soft, coarse grit..... Per gross \$5.00  
 One-quarter gross in a box.



Bay Chaleur, medium grit ..... Per gross \$6.00  
 One-quarter gross in a box.



No. 1—Genuine Indian Pond, red end..... Per gross \$7.00  
 One-quarter gross in a box.



Round English pattern, coarse grit..... Per 100 \$15.00  
 25 in a box.

Emery—Mower and Scythe Sharpener Combined



Emery Scythe Sharpener, wire strengthened..... Per gross \$21.33  
 One-quarter gross in a box.

Emery—"Mower's Friend."

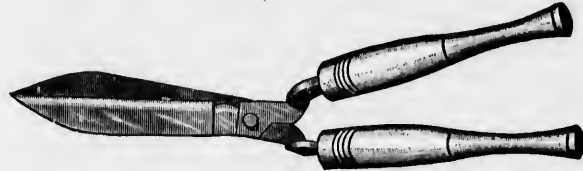


Emery, "Mower's Friend," wire strengthened..... Per gross \$24.00  
 One-quarter gross in a box.

..... Per dozen \$3.00  
 ..... Per dozen 3.25  
 e.  
 ..... Per dozen \$3.55  
 ..... Per dozen 4.25  
 zen.

..... 10 12  
 ..... \$6.00 7.25

GARDEN SHEARS



No. 100—Plain Blades, Hardwood Handles

Inch .....	7 1-2	9
Per pair.....	\$1.15	1.45

No. 101—Notched Blades, Hardwood Handles

Inch.....	7 1-2	9
Per pair.....	\$1.30	1.60

No. 106—Long Handle, 9 inch blade.....	Per pair	\$2.25
No. 105—Long Handle, 9 inch blade, with wheel.....	Per pair	2.50

Border Shears

Long Handle, 8 1-2 inch blade .....	Per pair	\$2.00
Long Handle, 8 1-2 inch blade, with wheel .....	Per pair	2.50

The Pennsylvania Lawn Mower



The cylinder blades are driven by using either ordinary wheel singly or both wheels, hence the machines are specially adapted for cutting terraces, steep embankments, borders of flower beds, and around trees and shrubs.

Inch cut.....	14	16	18
8 inch wheels, open cylinder, 4 cast steel knives.....	Each	\$17.00	19.00 21.50
High wheels, large cylinder, wheels 10 1-2 inch, open cylinder, 6 1-2 inch, 4 cast steel knives for cutting high grass 6 to 10 inch, leaving the grass one inch with but one cutting, 17 inch cut .....	Each	\$28.00	

Pony or horse-power mowers to order.

Inch  
Each  
Appro

Inch ...  
Each ...  
Approxi

LAWN MOWERS

Improved Philadelphia, 1894

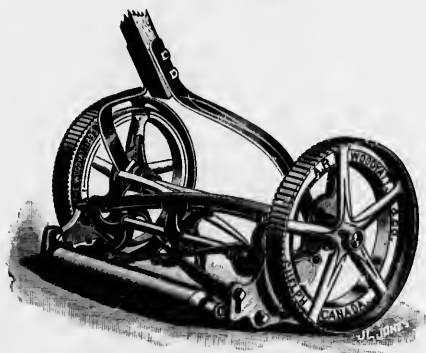


Flat Wheel and Gear Incased. 7 1-2 Inch Wheel.

Inch .....	<b>10</b>	.....	<b>12</b>	.....	<b>14</b>	.....	<b>16</b>	.....	<b>18</b>
Each .....	\$4.50	.....	4.90	.....	5.10	.....	5.50	.....	5.65
Approximate shipping weight, lbs...	30	.....	36	.....	37	.....	39	.....	42

Woodyatt's High Wheel

Improved for 1896.



Open Cheeks. Incased Gears. 10 1-2 Inch High Open Wheel.

Inch .....	<b>12</b>	.....	<b>14</b>	.....	<b>16</b>	.....	<b>18</b>	.....	<b>20</b>
Each .....	\$6.75	.....	7.00	.....	7.50	.....	8.25	.....	10.00
Approximate shipping weight, lbs ..	50	.....	52	.....	54	.....	57	.....	60

Can supply grass boxes for Woodyatt Mower if required.

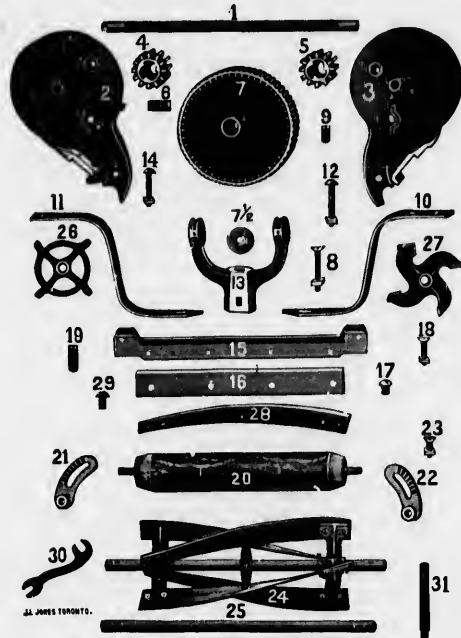
One mower in a crate.

Pony or horse power machines supplied to order.

... **7 1-2** 9  
 ... **\$1.15** 1.45  
  
 ... **7 1-2** 9  
 ... **\$1.30** 1.60  
 ..... Per pair \$2.25  
 ..... Per pair 2.30  
  
 ..... Per pair \$2.00  
 ..... Per pair 2.30

... wheels, hence the machines are  
 ... round trees and shrubs.  
  
**14** **16** **18**  
**\$17.00** **19.00** **21.00**  
 ... for cutting high grass  
 ..... Each \$28.00

LIST OF PARTS  
FOR THE PHILADELPHIA LAWN MOWER FOR 1894

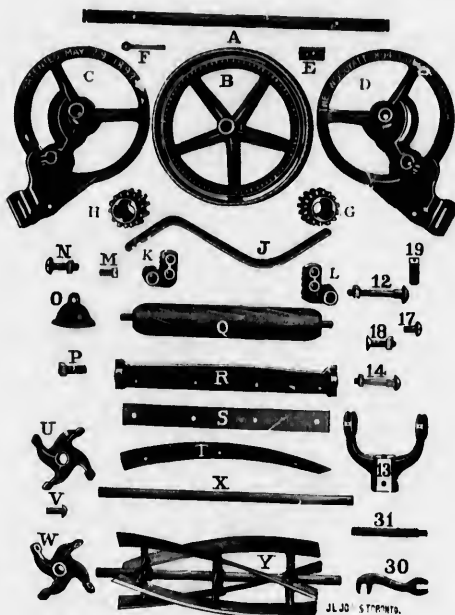


1—Cross Bar .....	\$0.35	17—Lower Knife Cap Screw .....	\$0.05
2—Left Side Plate .....	1.00	18—Lower Knife Bolt .....	.03
3—Right Side Plate .....	1.00	19—Lower Knife Set Screw .....	.03
4—Pinion, left hand .....	.25	20—Wood Roller .....	.25
5—Pinion, right hand .....	.25	21—Roller Box, left hand .....	.10
6—Pawl .....	.10	22—Roller Box, right hand .....	.10
7—Drive Wheel, left hand .....	.75	23—Roller Box Bolt .....	.03
7½—Drive Wheel, right hand .....	.75	24—Cylinder { 10 in. 12 in. 14 in. 16 in. 18 in.	
7½—Wheel Washer .....	.05	{ \$2.00 2.50 2.50 2.50 3.00	
8—Bolt for Wheel .....	.05	25—Cylinder Shaft .....	.35
9—Half Box Screw .....	.05	26—Cylinder Centre .....	.25
10—Handle Brace, left hand .....	.30	27—Cylinder Wing .....	.25
11—Handle Brace, right hand .....	.30	28—Cylinder { 10 in. 12 in. 14 in. 16 in. 18 in.	
12—Bolt for Handle Brace .....	.05	{ Knives { \$0.35 .35 .50 .60 .70	
13—Handle Bracket .....	.40	29—Cylinder Rivets, per dozen .....	.20
14—Handle Bracket Bolts .....	.05	30—Wrench .....	.05
15—Lower Knife Plate .....	.40	31—Handle for Sharpening Mower .....	.05
16—Lower Knife .....	.40	32—Wood Handle, complete (no cut) .....	.75

J. J. JAMES TORONTO.

A—C  
B—D  
B—D  
C—L  
D—R  
E—P  
F—C  
G—P  
H—P  
J—H  
K—L  
L—R  
M—P  
N—J  
O—P  
P—K  
Q—W  
R—L  
Knif

LIST OF  
LAWN MOWER PARTS FOR THE WOODYATT, 1896



A—Cross Bar.....	\$0.40
B—Drive Wheel, right.....	.80
B—Drive Wheel, left.....	.80
C—Left Side Plate.....	1.00
D—Right Side Plate.....	1.00
E—Pawl.....	.10
F—Cotter Pin for Wheel.....	.05
G—Pinion, left hand.....	.25
H—Pinion, right hand.....	.25
J—Handle Brace.....	.30
K—Left Hand Roller Bracket.....	.10
L—Right Hand Roller Bracket.....	.10
M—Pinion Cover Screw.....	.05
N—Journal Bolt.....	.05
O—Pinion Cover.....	.10
P—Knife Back Bolt.....	.10
Q—Wood Roller.....	.25
R—Lower Knife Back { 12 in. 14 in. 16 in. 18 in. 20 in.	
{ 35c. 40c. 45c. 50c. 55c.	

S—Lower Knife { 12 in. 14 in. 16 in. 18 in. 20 in.	
{ 35c. 40c. 45c. 50c. 55c.	
T—Cylinder Knife..... { 12 in. 14 in. 16 in. 18 in. 20 in.	
{ 45c. 50c. 55c. 60c. 65c.	
U—Cylinder Centre.....	.25
V—Cylinder Rivets, per doz.....	.25
W—Cylinder End.....	.25
X—Cylinder Shaft.....	.40
Y—Cylinder..... { 12 in. 14 in. 16 in. 18 in. 20 in.	
{ \$2.00 2.25 2.50 3.00 3.25	
12—Handle Brace Bolt.....	.05
13—Malleable Handle Bracket.....	.40
14—Bolt for Handle Bracket.....	.05
17—Cap Screw for Knife Back.....	.05
18—Roller Bracket Bolt.....	.05
19—Knife Back Set Screw.....	.05
30—Wrench.....	.05
31—Handle for Sharpening Mower.....	.05
32—Wood Handle, complete (no cut).....	.75



## THE BIEDER ADJUSTABLE GRASS CATCHER

Patented July 27th, 1892.



The Bieder Grass Catcher is adjustable and will fit all sizes and makes of mowers. The mode of attaching the Catcher to handle braces of mower makes it adjustable in height, whereby it will fit mowers of different size wheels and various shapes of handle braces.

It is made deep to prevent grass from flying over sides or rear.

The forward ends of the frame are enclosed in a metal tube, which prevents canvas from wearing and thus adds to the serviceability of the catcher.

Per dozen ..... \$12.00

## Strawberry Forks



No. 1—Strawberry Forks ..... Per dozen \$1.50

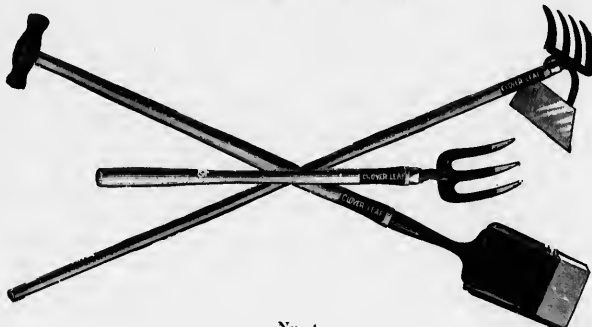
Spade,  
Hoe,  
Rake

Polis

Spade,  
Hoe, p  
Rake,  
Fork,

GARDEN SETS

Clover Leaf. Three Pieces



No. 4.

No. 3—Ash Handles

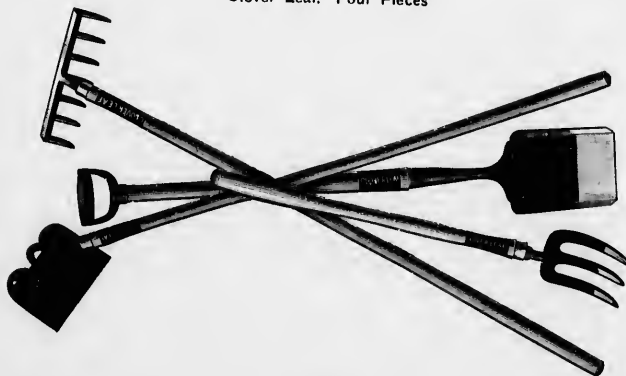
Spade, polished steel blade, 5 5-8 x 4 inches, 22 inch handle.....	} Per dozen sets \$6.25
Hoe, polished steel blade, 30 inch handle.....	
Rake, malleable iron, 5 tooth, 30 inch handle.....	

No. 4—Ash Handles, 30 Inches Long

Polished Spade, 5 5-8 x 4 inch, Hoe and Rake in one piece, three tined fork.....	Per dozen sets \$9.50
--	-----------------------

Garden Sets

Clover Leaf. Four Pieces



No. 5.

Selected White Ash Handles. Belted and Varnished

Spade, polished steel blade, 6 1-4 x 5 inches, 22 inch handle, with malleable iron Denamelled bar.....	} Per dozen sets \$18.00
Hoe, polished steel blade, 30 inch handle.....	
Rake, malleable iron, 7 tooth, polished 30 inch handle.....	
Fork, Malleable iron, half polished, 18 inch handle.....	

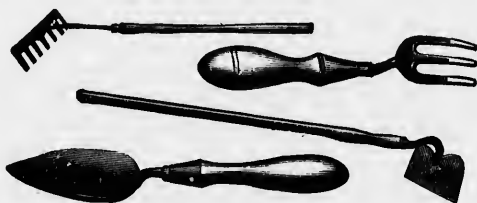
The mode of attaching the  
ers of different size wheels

wearing and thus adds to

\$12.00

Per dozen \$1.50

FLORAL SETS



No. 44—4 pieces, polished steel Hoe and Trowel, malleable iron Rake and Weeding Fork..... Per dozen sets \$7.50  
One set in a package.

Garden Trowels



6 inch tinned steel blade..... Per dozen \$1.25



Extra heavy steel.

6 inch, extra heavy, black, steel blade..... Per dozen \$1.45  
7 inch, extra heavy, black, steel blade..... Per dozen 1.80

Secor's Excelsior Weeding Hooks



Tinned..... Per dozen \$1.20  
One dozen in a box.

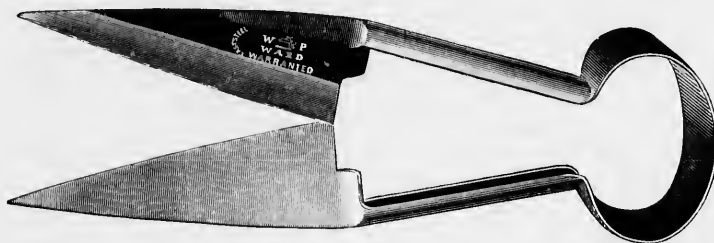
No. 1  
No. 3  
No. 3  
No. 15

No. 26  
No. 26  
No. 100

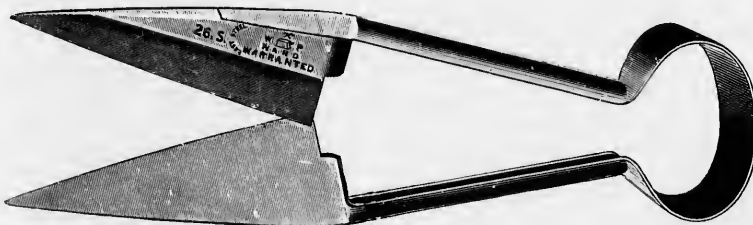
No. 3-T

SHEEP SHEARS

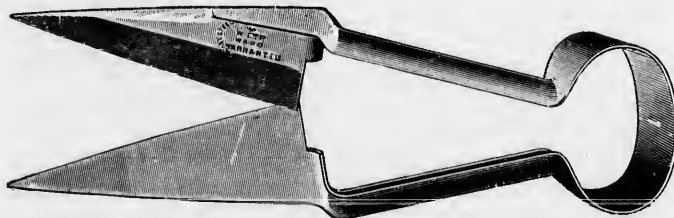
WARD & PAYNE'S SOLID STEEL.



- No. 1—5 inch blade, half polished, bent .....
  - No. 3—6 inch blade, half polished, straight .....
  - No. 3—6 inch blade, half polished, bent .....
- Per dozen \$6.25  
Per dozen 6.50  
Per dozen 7.25
- GERMAN.
- No. 1501—6 inch blade, half polished, bent .....
- Per dozen 3.75



- No. 26—5 inch blade, full polished, straight .....
  - No. 26—6 inch blade, full polished, bent, etched on blade "Royal Canadian" .....
  - No. 26—6 1-2 inch blade, full polished, bent, etched on blade "Royal Canadian" .....
  - No. 100—7 inch blade, full polished, straight, etched on blade "Ontario Clipper" .....
- Per dozen \$ 9.00  
Per dozen 10.00  
Per dozen 10.50  
Per dozen 10.25

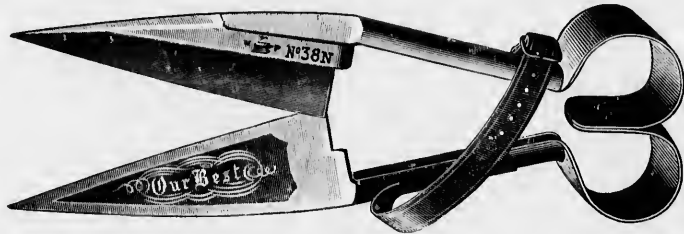


- No. 3—Trowel, 6 inch blade, half polished .....
- Per dozen \$12.50

Half dozen in a package.

**SHEEP SHEARS**

WARD AND PAYNE'S SOLID STEEL



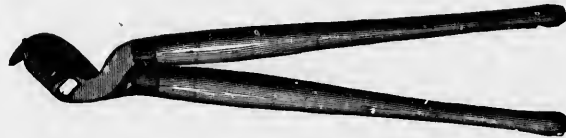
No. 38 N—6 inch blade, polished, double spring, with strap ..... Per dozen \$13.50

WITHOUT STRAP

No. 200—6 1-2 inch blade, polished, double spring..... Per dozen 10.75

Half dozen in a package.

**Tree Pruners**



Buckeye Pruning Shears, small ..... Per dozen \$15.00

Buckeye Pruning Shears, large..... Per dozen 22.50



Waters Pattern, 6, 8 and 10 feet handles..... Per dozen \$12.00

Extra knives, cast steel..... Per dozen 3.00

**Pruning Shears or Sheep Toe Clippers**



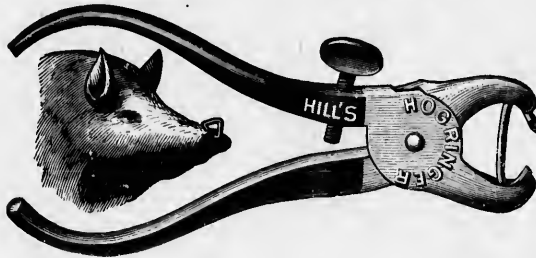
No. 31069—Helical springs ..... Inches 8 8 1/2

Per dozen ..... \$5.25 5.50

Extra springs..... Each 0.12 .12

No. 1—American, brass spiral spring..... Per dozen \$5.00

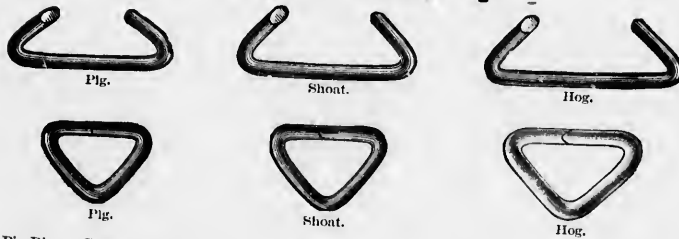
HILL'S IMPROVED HOG RINGERS.



For all Sizes of Hill's Rings.....Per Dozen, \$1.25

HALF DOZEN IN A BOX.

Hill's Pig, Shoat and Hog Rings.



Pig Rings, Coppered Wire.....Per 1000, \$0.70  
 Shoat Rings, Coppered Wire.....Per 1000, .70  
 Hog Rings, Coppered Wire.....Per 1000, .70

ONE HUNDRED RINGS IN A BOX; ONE DOZEN BOXES IN A PACKAGE.

Hill's Hog Tongs or Holders.



For any Size Hog.....Per Dozen, \$6.00

HALF DOZEN IN A BOX.



.....Per dozen \$13.50

.....Per dozen 10.75



.....Per dozen \$15.00

.....Per dozen 22.50



.....Per dozen \$12.00

.....Per dozen 3.00



8 8 1/2

\$5.25 5.50

0.12 .12

.....Per dozen \$5.00

SPRAY PUMPS

Latest Improved Patterns of Spray Pumps and Garden Syringes always carried in stock.



Little Giant.

Myers' Little Giant Spray Pumps, brass ..... Each \$4.00

This pump is made so as to discharge a fine jet in the bottom of the bucket, which keeps the solution thoroughly agitated. A feature very necessary to a spray pump.



Extra Nozzle.

Bordeaux Spray throws a solid stream or a fine-shaped spray.

Bordeaux Nozzle ..... Each \$1.00

Garden Syringes

For Gardens and Small Orchards



No. 2900

No. 2900—Brass Garden Syringe, 1 1-2 x 18 inches ..... Each \$0.80



No. 2902

No. 2902—Brass Garden Syringe, 1 1-2 x 18 inches, double rose ..... Each \$1.05



Style of Nos. 2901, 9507, 2903.

No. 2901—Brass Garden Syringe, 1 1-4 x 14 inches ..... Each \$0.80  
 No. 9507—Brass Garden Syringe, 1 1-2 x 18 inches ..... Each .95  
 No. 2903—Brass Garden Syringe, heavy, 1 1-2 x 18 inches ..... Each 1.65

W  
Catalo  
Fig.  
212  
554  
\* Dept  
from pump  
Fig.  
424  
\* Dept  
lift and for  
Inch .....  
Each .....  
11-4 x 20

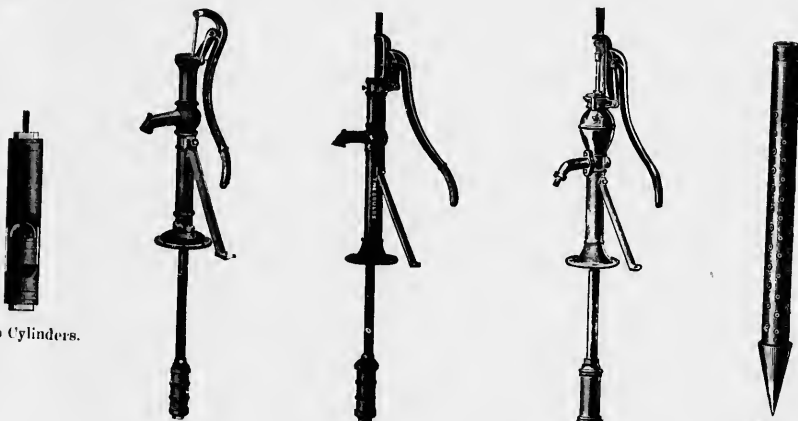
We do not illustrate full line of Pumps, but can supply all classes of Cistern, Well and Force Pumps. Illustrated Catalogue of Pumps sent on application.



CISTERN PUMPS

Nos.....	1	2	3	4
Diameter of Cylinder.....	2 1-2	3	3 1-2	4
Size suction, inch.....	1	1 1-4	1 1-4	1 1-2
Each.....	\$4.25	4.75	5.25	5.75

Anti-Freezing Well and Force Pumps



Pump Cylinders.

Fig. 212.

Fig. 554.

Fig. 424.

Drive Well Points.

Well Pumps.

Fig.	No.	Dia. Cyl. Inch.	Suction, Inch.	Stroke, Inch.	Gal. per Stroke.	*Lift, Feet.	Height, Inch.	Approx. Weight.	Each.
212	4	3	1 1-4	6	1-6	30	39	56 lbs.	\$5.50
554	4	3	1 1-4	6	1-6	40	45	81 lbs.	7.50

\* Depth of wells to which Pumps may be adapted by lowering cylinders to within 15 or 20 feet of water. † Height from pump base to upper guide.

Well Force Pumps.

Fig.	No.	Dia. Cyl. Inch.	Suction, Inch.	Stroke, Inch.	Gal. per Stroke.	*Lift and Force, Feet.	Height, Inch.	Approx. Weight.	Each.
424	4	3	1 1-4	6	1-6	60	47	94 lbs.	\$10.50

\* Depth of wells to which pumps may be adapted by lowering cylinders to within 15 or 20 feet of water or total lift and force from supply to point of delivery. † Height from pump base to lever top.

Pump Cylinders

Inch.....	3 x 12	14	3 1/2 x 12	14	16	4 x 14	16
Each.....	\$7.00	7.50	8.00	8.50	9.00	11.00	12.00

Drive Well Points

1 1/4 x 20 inch, 60 mesh gauze.....	Each \$2.00
-------------------------------------	-------------



**STEEL SINKS**

Peerless



Painted

Size .....	<b>16 x 24</b>	<b>18 x 30</b>	<b>18 x 36</b>
Each .....	\$1.35	1.60	2.40

Galvanized

Size .....		<b>18 x 30</b>
Each .....		\$2.25

**Lead Pipe**

MADE FROM BEST QUALITY PIG LEAD.

All sizes ..... Per pound, \$0.07

**WEIGHTS PER YARD IN POUNDS AND AVERAGE LENGTHS.**

CALIBRE	WEIGHT PER YARD	AVERAGE LENGTHS	CALIBRE	WEIGHT PER YARD	AVERAGE LENGTHS
1-4 Inch, strong .....	2	75	1 1-4 Inch, medium .....	10	Yds. 16
3-8 Inch, light .....	2 1-2	60	1 1-4 Inch, strong .....	12	11
3-8 Inch, strong .....	3	50	1 1-4 Inch, extra strong .....	14	12
1-2 Inch, extra light .....	2 1-2 and 3 1-2	60 and 48	1 1-2 Inch, extra light .....	10	17
1-2 Inch, light .....	4	40	1 1-2 Inch, light .....	11	15
1-2 Inch, medium .....	4 1-2	36	1 1-2 Inch, medium .....	12	13
1-2 Inch, strong .....	5 and 6	30 and 25	1 1-2 Inch, strong .....	14	11
1-2 Inch, extra strong .....	7 and 8	22 and 20	1 1-2 Inch, extra strong .....	16 and 18	17 and 15
5-8 Inch, extra light .....	4 1-2	36	1 3-4 Inch, light .....	14	20
5-8 Inch, light .....	5	33	1 3-4 Inch, medium .....	16	17
5-8 Inch, medium .....	6	28	1 3-4 Inch, strong .....	18	15
5-8 Inch, strong .....	7	24	1 3-4 Inch, extra strong .....	20	14
5-8 Inch, extra strong .....	8 and 9	21 and 18	2 Inch, extra light .....	16	17
3-4 Inch, extra light .....	5	33	2 Inch, light .....	18	15
3-4 Inch, light .....	6	28	2 Inch, medium .....	20	14
3-4 Inch, medium .....	7	24	2 Inch, strong .....	22	12
3-4 Inch, strong .....	8	21	2 Inch, extra strong .....	24	11
3-4 Inch, extra strong .....	9 and 10	18 and 16	2 1-2 Inch, extra light .....	20	12 to 14 feet
1 Inch, extra light .....	5	33	2 1-2 Inch, medium .....	24	12 to 14 feet
1 Inch, light .....	6	28	2 1-2 Inch, strong .....	27	12 to 14 feet
1 Inch, medium .....	7	24	2 1-2 Inch, extra strong .....	30 and 32	12 to 14 feet
1 Inch, strong .....	8	21	3 Inch, extra light .....	27	12 to 14 feet
1 Inch, extra strong .....	9 and 10	18 and 16	3 Inch, medium .....	30	12 to 14 feet
1 1-4 Inch, extra light .....	6	28	3 Inch, strong .....	34	12 to 14 feet
1 1-4 Inch, light .....	8	21			

**Waste or Soil Pipe**

Eight feet length, all sizes ..... Per pound \$.....

**WEIGHTS PER YARD IN POUNDS.**

Inside diameter, inches .....	<b>1 1-4</b>	<b>1 1-2</b>	<b>2</b>	<b>2 1-2</b>	<b>3</b>	<b>4</b>
Light .....	5	5 1-2	6	8 1-2	10	13 1-2
Medium .....	6	7	8 1-2	13 1-2	16 1-2	18
Strong .....	7	8	10 1-2	16	22 1-2	24
Extra strong .....	8	9	12	23		

**Composition Gas Tubing on Reels**

Size, inches .....	Weight per Yard .....	Average Length .....
3-8 .....	1	75 yards
1-2 .....	1 8-4	50 yards
5-8 .....	2 1-4	40 yards
3-4 .....	3	30 yards
1 .....	3 1-2	25 yards

King  
Th

Wood's C

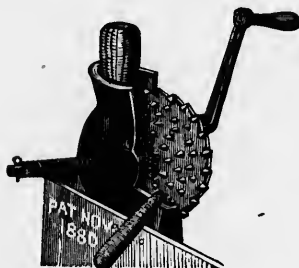
Burrall Co

CORN PLANTERS



"King of the Field" Corn Planters.....Per dozen \$12.00  
 This Planter has flexible iron drop, iron seed box and channel, and operator can always see the seed dropped.  
 Is well made, strong, durable and reliable.

Wood's Corn Sheller



Wood's Corn Shellers..... Each \$3.00  
 Will shell a bushel of Corn in four minutes.

Burrall Corn Sheller



Burrall Corn Sheller, all iron.....Each \$12.75  
 Shells large or small ears quick and clean, and throws cobs out separately.

18 x 30  
1.60

13 x 36  
2.40

.....  
.....

13 x 30  
82.25

..... Per pound, \$0.67

HEIGHT PER YARD	AVERAGE LENGTHS	
Lbs.	Yrs.	The Largest Cobs.
10	16	
12	17	
14	14	
10	12	
11	17	
12	15	
12	13	
14	11	
and 18	17 and 15	
14	20	
16	17	
18	15	
20	14	
16	17	
18	15	
20	14	
22	12	
24	11	
20	12 to 14 feet	
24	12 to 14 feet	
27	12 to 14 feet	
and 32	12 to 14 feet	
27	12 to 14 feet	
30	12 to 14 feet	
34	12 to 14 feet	

..... Per pound 8.....

2 1-2	3	4
8 1-2	10	13 1-2
13 1-2	16 1-2	18
16	22 1-2	24
23		

.....	Average Length
.....	75 yards
.....	50 yards
.....	40 yards
.....	30 yards
.....	25 yards

**WOOD MEASURES**

INSPECTED.



Per dozen.....	<b>1-2 Gallon</b> \$3.00	<b>1-2 Peck</b> 3.25	<b>Peck</b> 5.50	<b>1-2 Bushel</b> 7.00	Sets 15.50
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**Iron Measures**

INSPECTED.



Japanned.

Per dozen.....	<b>1-2 Peck</b> \$5.00	<b>Peck</b> 9.00	<b>1-2 Bushel</b> 10.50	Inch. Per d. Inch. Each.
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**Feed Pans**

Japanned.

Japanned Feed Pans.....	Per dozen \$2.75
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**Liquid Measures**

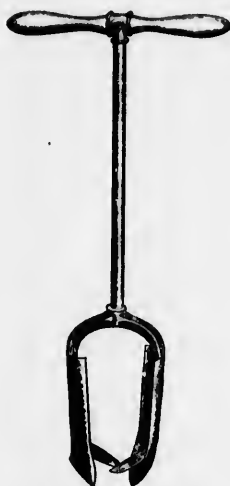
INSPECTED. SOLID BOTTOMS.



Wooden Vinegar Measures, in sets of 1-2 gallon, quart, pint and funnel.....	Per set \$2.00
Wooden Vinegar Measures, in sets of quart, pint and funnel.....	Per set 1.35

Per dozen.....	<b>1-2 Gallon.</b> \$9.25	<b>Quart.</b> 7.75	<b>Pint.</b> 6.25	<b>Funnel.</b> 2.25
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POST-HOLE AUGERS AND DIGGERS



Iwan's Post-Hole Auger.



Vaughan's Post-Hole Auger.



Eureka Post-Hole Digger.

	Vaughan's Post-Hole Augers			Eureka Post-Hole Diggers		
Inch.....	5	6	7	8	9	10
Per dozen.....	\$7.00	8.00	9.00	10.00	11.00	12.00
	Iwan's Post Hole Augers					
Inch.....	7	8	9	10		
Each.....	\$2.50	2.75	2.85	3.00		
	Eureka Post-Hole Diggers					
	Steel blades, malleable iron heads;					
	length, complete, 5 feet ..... Each \$1.00					



Fig. 1.

"Samson" Tree Planter and Post-Hole Digger

DIRECTIONS.

Plunge the Digger into the ground, as shown in cut, Fig. 1, and when the soil is loosened pull out the lever with one hand, as shown in cut, Fig. 2, which will press the dirt between the blades; then draw the Digger from the hole, keeping hold of the lever with one hand and the handle with the other. When the Digger is clear of the hole you can deposit the load anywhere within reach by simply pressing down the lever, which will open the blades, and the dirt will fall from between them. The Digger is then ready for another plunge.

Each ..... \$4.25



Fig. 2.

1-2 Bushel Sets  
7.00 13.50

Peck 1-2 Bushel  
9.00 10.50

Per dozen \$2.75

Per set \$2.00  
Per set 1.50

Pint. Funnel.  
6.25 2.25

FENCING WIRE






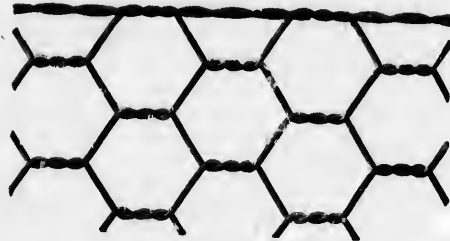
		FEET PER POUND.	PRICE PER POUND.
4 Barbs, 4 inches apart .....		13 1-2	\$
4 Barbs, 6 inches apart .....		15 1-4	
2 Barbs, 3 inches apart .....		14	
2 Barbs, 5 inches apart .....		15 1-4	
Plain Twist, 2 strand .....		17 3-4	
Plain Twist, 3 strand .....		11 3-4	

Table of Estimated Weights

	1 ROD, 16 1-2 FEET.		1 ACRE, 165 FEET.		1 MILE, 5280 FEET.	
	1 Strand.	2 Strand.	1 Strand.	2 Strand.	1 Strand.	2 Strand.
	Ozs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
4 Barbs, 4 inches apart .....	19 1-2	2 7-16	12	24	384	768
4 Barbs, 6 inches apart .....	17 1-2	2 3-16	11	22	352	704
2 Barbs, 3 inches apart .....	19	2 3-8	11 7-8	23 3-4	380	760
2 Barbs, 5 inches apart .....	17 1-2	2 3-16	11	22	352	704
Plain Twist, 2 strands .....	15	1 7-8	9	18	288	576
Plain Twist, 3 strands .....	22 1-2	2 13-16	14	28	448	896
Ribbon .....	19 1-2	2 7-16	12	24	384	768

GALVANIZED WIRE NETTING



3-4 Inch Mesh.

	Mesh, inch.....	3-4	1	1 1-2	1 1-2	1 1-2	1 1-2	1 1-2
	Width, inch.....	36	36	24	30	30	42	48
	Gauge of Wire.....	20	20	19	19	19	19	19
	Per yard.....	\$0.33	.24	.12	.15	.18	.21	.24
	Mesh, inch.....	2	2	2	2	2	2	2
	Width, inch.....	24	30	36	42	48	60	72
	Gauge of Wire.....	19	19	19	19	19	19	19
	Per yard.....	\$0.8 1-2	.11	.13	.15	.17	.22	.26

Galvanized Wire Fencing

An excellent fence for farm or garden at very low figure.

3 inch mesh, 48 inch wide, 14 gauge wire..... Per yard \$0.40

All above in rolls of 50 yards.

Apple Drying Cloth

Galvanized Apple Drying Cloth, 1-2 inch mesh, 36 inches wide, 19 gauge wire..... Per yard \$0.85  
 Galvanized Apple Drying Cloth, 1-2 inch mesh, 30 inches wide, 19 gauge wire..... Per yard 1.00

McMen's Woven Wire Fencing

List 1. Mesh 5 1-2 x 10 1-2 Inches

Selvage Three Strands No. 13 Wire. Meshes No. 14 Wire.

	Width, inch.....	25 1-2	31	36 1-2	42	47 1-2	53
	Per rod.....	\$0.64	.57	.60	.63	.66	.69

List 2. Mesh 5 1-2 x 10 1-2 Inches. Meshes No. 13 Wire

	Width, inch.....	25 1-2	31	36 1-2	42	47 1-2	53
	Per rod.....	\$0.60	.65	.70	.75	.80	.85

List 3. Mesh 4 x 8 Inches

Selvage Three Strands No. 13 Wire. Meshes No. 14 Wire.

	Width, inch.....	22	26	30	34	38	42	46	50	54
	Per rod.....	\$0.66	.69	.72	.75	.78	.81	.84	.87	.90

List 4. Mesh 3 x 6 Inches

Selvage Three Strands No. 14 Wire. Meshes No. 15 Wire.

	Width, inch.....	20	23	26	29	32	35	41	47	59	71	77
	Per rod.....	\$0.80	.85	.90	.95	.97	1.00	1.05	1.10	1.25	1.40	1.50

Full rolls contain twenty rods.

Extra for cutting rolls 5%.

FEET PER POUND. PRICE PER POUND.

13 1-2 \$  
15 1-4

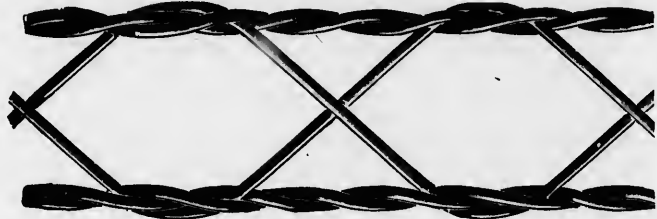
15 1-4

17 3-4

11 3-4

ET.	1 MILE, 3280 FEET.	
rand.	1 Strand.	2 Strand.
bs.	Lbs.	Lbs.
14	384	768
12	352	704
13 3-4	380	760
12	352	704
8	288	576
13	448	896
14	384	768

**TRUSS-CABLE FENCE WIRE**



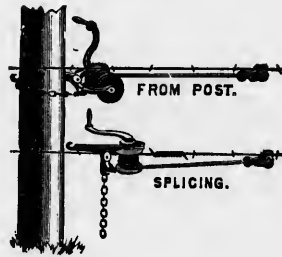
SIZE OF ONE STRAND

Truss-Cable Fencing ..... Per pound \$  
 Ten feet to a pound.

Its construction is such as to allow for the expansion and contraction of heat and cold without stretching. It has great tensile strength, width and visibility, is safe, ornamental, easy to handle and will not sag.

**Wire Stretchers**

"Little Giant"



Little Giant, Jr., with rope attachment ..... Per dozen \$12.00  
 Little Giant, with chain attachment ..... Per dozen 15.00  
 Big Giant ..... Each 1.65

**Hercules Wire Stretcher**



Hercules Wire Stretcher ..... Per dozen \$2.80  
 Cheapest serviceable Barb Wire Stretcher made.

No. 12  
 No. 13  
 No. 14  
 No. 16

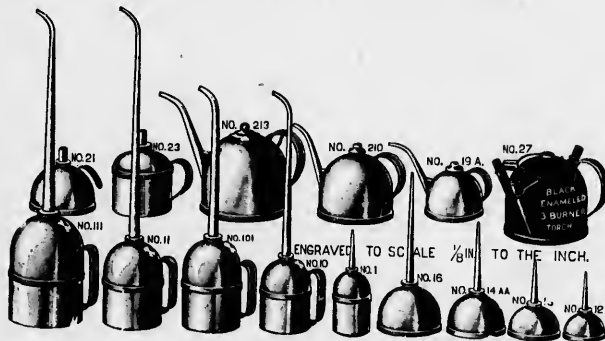
No. 10  
 No. 11  
 No. 101

No. 210

Chas. M.

**COPPERIZED STEEL OILERS**

Made from Cold Rolled No. 20 Gauge "Swedoh" Steel.



**Copperized O.R. "Swedoh" Steel Anti-Rust Oilers**

- No. 12—Improved steel spring bottom, 2 3/4 inch diameter, 2 1/2 inch straight nozzle..... Per dozen \$4.50
- No. 13—Improved steel spring bottom, 3 3/8 inch diameter, 3 inch straight nozzle..... Per dozen 5.50
- No. 14—Improved steel spring bottom, 3 3/8 inch diameter, 9 inch bent nozzle..... Per dozen 6.50
- No. 16—Improved steel spring bottom, 4 1/8 inch diameter, 9 inch bent nozzle..... Per dozen 10.50

One dozen in a box.

**Railroad or Engineers' Oilers**

- No. 10—Engineers' Oiler, 1 pint, 3 3/8 inch diameter, 5 inches high, 12 inch nozzle..... Per dozen \$14.00
- No. 11—Engineers' Oiler, 1 quart, 4 1/8 inch diameter, 6 inches high, 18 inch nozzle..... Per dozen 18.00
- No. 101—Engineers' Oiler, 1 quart, 4 1/8 inch diameter, 6 inches high, 10 inch nozzle..... Per dozen 18.00

**Engineers' Fillers**

- No. 210—Engineers' Fillers, 1 quart, 5 inch diameter, 5 inch high, screw top..... Per dozen \$20.00

Half dozen in a box.

**Chase's Machine Oilers**

ZINC.

Nos .....	1	2	3	4	5
Per dozen.....	\$0.90	1.00	1.15	1.50	2.25

One dozen in a box.

**Sewing Machine Oilers**

Per dozen..... \$0.75

One dozen in a box.



Chase's Machine Oiler.



Sewing Machine Oiler.





**PARAGON OILERS**

ZINC.

Nos.....	1	2	3
Per dozen.....	\$1.50	1.95	2.25

Half dozen in a box.

**Threshing Machine Oilers**

No. 179—SPUN.

Straight or bent spout.

No. 179—3 1-2 x 3 inches ..... Per dozen \$1.15

No. 675

Straight or bent spout.

No. 675—3 1-2 x 3 inches ..... Per dozen \$1.15



No. 179.



No. 675.

**Engineers' Drip Oilers**

With handle and filler.

1 pint, bent spout..... Per dozen \$3.75

1 1-2 pint, bent spout..... Per dozen 4.50

1 quart, bent spout..... Per dozen 5.00

Half dozen in a box.



**Bicycle Oilers**

No. 169—TIN.

Per dozen..... \$1.35

One dozen in a box.

Jones' D Handle

Burns' D Handle

Gray's D Handle

Old's D Handle

"Silver Dollar"

Jones' L Handle

Burns' L Handle

Gray's L Handle

Old's L Handle

"Silver Dollar"

Eureka D Handle

Eureka D Handle

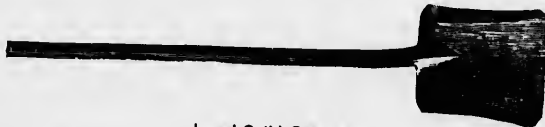
SHOVELS

Patent Solid Plain Back, D Handle, Square Point



	Jones' Solid Cast Steel	
Jones' D Handle Square Point Shovels, No. 2, polished .....		Per dozen \$16.50
	Burns' Solid Cast Steel	
Burns' D Handle Square Point Shovels, No. 2, polished .....		Per dozen 15.00
	Gray's Solid Cast Steel	
Gray's D Handle Square Point Shovels, No. 2, polished .....		Per dozen 13.00
	Old's Solid Cast Steel	
Old's D Handle Square Point Shovels, No. 2, polished .....		Per dozen 11.50
	"Silver Dollar" Solid Cast Steel	
"Silver Dollar" D Handle Square Point Shovels, No. 2, polished .....		Per dozen 12.00

Patent Solid Plain Back, L Handle, Square Point



	Jones' Solid Cast Steel	
Jones' L Handle Square Point Shovels, No. 2, polished .....		Per dozen \$16.50
	Burns' Solid Cast Steel	
Burns' L Handle Square Point Shovels, No. 2, polished .....		Per dozen 15.00
	Gray's Solid Cast Steel	
Gray's L Handle Square Point Shovels, No. 2, polished .....		Per dozen 13.00
	Old's Solid Cast Steel	
Old's L Handle Square Point Shovels, No. 2, polished .....		Per dozen 11.50
	"Silver Dollar" Solid Cast Steel	
"Silver Dollar" L Handle Square Point Shovels, No. 2, polished .....		Per dozen 12.00

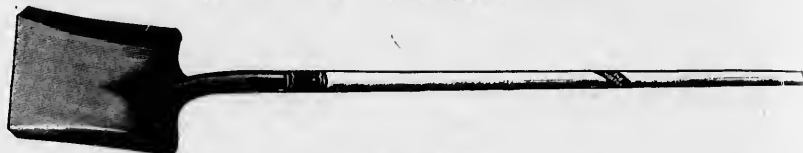
Patent Solid Socket. D Handle, Square and Round Point



	Eureka Solid Cast Steel	
Eureka D Handle Square Point Shovels, No. 2, polished .....		Per dozen \$13.00
Eureka D Handle Round Point Shovels, No. 2, polished .....		Per dozen 13.00

SHOVELS

Patent Solid Socket, L Handle, Square and Round Point



Eureka Solid Cast Steel

Eureka L Handle Square Point Shovels, No. 2, polished ..... Per dozen \$13.00  
 Eureka L Handle Round Point Shovels, No. 2, polished ..... Per dozen 13.00

Patent Solid Plain Back, D Handle, Round Point



Jones' Solid Cast Steel

Jones' D Handle Round Point Shovels, No. 3, polished..... Per dozen \$17.25

Burns' Solid Cast Steel

Burns' D Handle Round Point Shovels, No. 3, polished..... Per dozen \$16.00

Gray's Solid Cast Steel

Gray's D Handle Round Point Shovels, No. 3, polished..... Per dozen \$14.00

Old's Solid Cast Steel

Old's D Handle Round Point Shovels, No. 3, polished..... Per dozen \$12.00

"Silver Dollar" Solid Cast Steel

"Silver Dollar" D Handle Round Point Shovels, No. 3, polished..... Per dozen \$12.50

Patent Solid Plain Back, Long Handle, Round Point



Jones' Solid Cast Steel

Jones' L Handle Round Point Shovels, No. 2, polished ..... Per dozen \$16.50

Burns' Solid Cast Steel

Burns' L Handle Round Point Shovels, No. 2, polished ..... Per dozen \$15.00

Gray's Solid Cast Steel

Gray's L Handle Round Point Shovels, No. 2, polished ..... Per dozen \$13.00

Old's Solid Cast Steel

Old's L Handle Round Point Shovels, No. 2, polished..... Per dozen \$11.50  
 Old's L Handle Round Point Furrow Shovel, narrow, polished..... Per dozen 11.50

"Silver Dollar" Solid Cast Steel

"Silver Dollar" L Handle Round Point Shovels, No. 2, polished ..... Per dozen \$12.00  
 "Silver Dollar" L Handle Round Point Furrow Shovel, narrow, polished ..... Per dozen 12.00

Jones'  
 Burns'  
 Burns'  
 Gray's  
 Old's D  
 "Silver"  
 Eureka L  
 No. 150 -  
 No. 151 -  
 No. 152 -  
 No. 153 -  
 No. 160 -  
 No. 161 -  
 No. 162 -  
 No. 163 -

SPADES

Patent Solid Plain Back, D and L Handle



Jones' Solid Cast Steel, D or L Handle

Jones' D or L Handle Spades, No. 2, polished ..... Per dozen \$17.00

Burns' Solid Cast Steel, D or L Handle

Burns' D or L Handle Spades, No. 2, polished ..... Per dozen \$15.75  
 Burns' D Handle Toy Spades, polished ..... Per dozen 9.00

Gray's Solid Cast Steel, D or L Handle

Gray's D or L Handle Spades, No. 2, polished ..... Per dozen \$13.50

Old's Solid Cast Steel, D or L Handle

Old's D or L Handle Spades, No. 2, polished ..... Per dozen \$12.00

"Silver Dollar" Solid Cast Steel, D or L Handle

"Silver Dollar" D or L Handle Spades, No. 2, polished ..... Per dozen \$12.50

Patent Solid Socket D Handle Spades



Eureka Solid Cast Steel

Eureka D Handle Spades, No. 2, polished ..... Per dozen \$13.00

Draining Spades

Patent Solid Plain Back, D Handle



Cut of No 4 with Foot Tread.

Jones' Solid Cast Steel

No. 150 - D Handle Draining Spades, 14 x 7 1-2 x 5 1-2, heavy, No. 1, polished ..... Per dozen \$18.50  
 No. 151 - D Handle Draining Spades, 17 x 5 1-2 x 4 1-2, heavy, No. 2, polished ..... Per dozen 18.50  
 No. 152 - D Handle Draining Spades, 17 x 4 1-2 x 3 heavy, No. 3, polished ..... Per dozen 18.50  
 No. 153 - D Handle Draining Spades, 18 x 4 1-2 x 3 heavy, No. 4, polished ..... Per dozen 18.50

Burns' Solid Cast Steel

No. 160 - D Handle Draining Spades, 14 x 7 1-2 x 5 1-2, light, No. 1, polished ..... Per dozen \$17.50  
 No. 161 - D Handle Draining Spades, 17 x 5 1-2 x 4 1-2, light, No. 2, polished ..... Per dozen 17.50  
 No. 162 - D Handle Draining Spades, 17 x 4 1-2 x 3 light, No. 3, polished ..... Per dozen 17.50  
 No. 163 - D Handle Draining Spades, 18 x 4 1-2 x 3 light, No. 4, polished ..... Per dozen 17.50

Treads furnished with Nos. 152, 153, 162, 163, extra per dozen, net ..... \$3.00.

**DITCHING SPADES**

Patent Solid Plain Back, D Handle



- Jones' Solid Cast Steel
- No. 154—D Handle Ditching Spades, 15 1-2 x 7 1-2 x 5 1-2, heavy flat, polished ..... Per dozen \$18.50
- Burns' Solid Cast Steel
- No. 164—D Handle Ditching Spades, 15 1-2 x 7 1-2 x 5 1-2, light flat, polished ..... Per dozen 17.50
- Hardy's D Handle Ditching Spades, 15 x 6 3-4 x 6 1-2 ..... Per dozen 17.00

**Nursery, Clay and Post Hole Spades**

Patent Solid Plain Back, D Handle



Post Hole Spade.

- Jones' Solid Cast Steel
- No. 155—D Handle Post Hole Spades, 15 x 5 1-2 x 6, concaved, polished ..... Per dozen \$18.50
- No. 156—D Handle Clay Spades, 12 1-2 x 7, polished ..... Per dozen 17.00
- No. 157—D Handle Nursery Spades, polished ..... Per dozen 19.50
- Burns' Solid Cast Steel
- No. 165—D Handle Post Hole Spades, 15 x 5 1-2 x 6, concaved, polished ..... Per dozen 17.50
- No. 166—D Handle Clay Spades, 12 1-2 x 7, polished ..... Per dozen 16.00
- Hardy's D Handle Clay Spades, 13 x 6 1-2 x 6, polished ..... Per dozen 17.00

**English**

Draining and Ditching Spades



- Parkes' Solid Cast Steel Socket, strapped, No. 502, 5 1-2 x 3 x 18, polished ..... Each \$ 2.75
- Parkes' Solid Cast Steel Socket, strapped, No. 502, 6 x 3 1-2 x 18, polished ..... Each 2.75
- Parkes' Solid Cast Steel Socket, strapped, No. 502, 6 x 4 x 18, polished ..... Each 2.75
- Parkes' Solid Cast Steel, strapped, No. 549, 5 x 3 x 16, polished ..... Each 1.85
- Parkes' Solid Cast Steel, strapped, No. 549, 5 1-4 x 3 1-4 x 18, polished ..... Each 1.85
- Parkes' Solid Cast Steel, strapped, No. 549, 6 x 3 1-2 x 18 ..... Each 2.00
- Hardy's Solid Cast Steel, full strapped, 5 1-2 x 3 x 17, polished ..... Each 2.10
- Hardy's Solid Cast Steel, full strapped, 6 x 3 1-2 x 17, polished ..... Each 2.25
- Hardy's Solid Cast Steel, full strapped, 6 x 4 x 17, polished ..... Each 2.25
- Hardy's Solid Cast Steel, short strapped, 5 x 3 x 16, polished ..... Per dozen 17.00
- Hardy's Solid Cast Steel, short strapped, 5 1-2 x 3 x 16, polished ..... Per dozen 20.00
- Hardy's Solid Cast Steel, short strapped, 6 x 3 x 18, polished ..... Per dozen 20.00
- Hardy's Solid Cast Steel, short strapped, 6 x 3 1-2 x 18, polished ..... Per dozen 18.00
- Jackson's American Draining Spades, 16, 17 and 18 inch ..... Per dozen 18.00
- London Tread Spades ..... Per dozen 18.00
- Spade Lifters ..... Per dozen 2.75

Jones' C  
Jones' C  
Jones' C  
Jones' C  
Jones' C  
Jones' C  
Jones' C

Ward's C  
Ward's C  
Ward's C

Cast Steel  
Cast Steel  
Cast Steel  
Cast Steel  
Cast Steel  
Cast Steel

Leeds' D  
Leeds' D

No. 3—Ga

Eureka Cas  
Eureka Cas  
Eureka Cas  
Eureka Cas  
Eureka Cas

GRAIN SCOOPS

Black Strap Cast Steel, Riveted



Jones' Cast Steel

Jones' Cast Steel D Handle Grain Scoops, No. 2, polished.....	Per dozen	\$14.50
Jones' Cast Steel D Handle Grain Scoops, No. 4, polished.....	Per dozen	15.50
Jones' Cast Steel D Handle Grain Scoops, No. 6, polished.....	Per dozen	17.50
Jones' Cast Steel D Handle Grain Scoops, No. 8, half polished.....	Per dozen	20.00
Jones' Cast Steel D Handle Grain Scoops, No. 10, half polished.....	Per dozen	22.50
Jones' Cast Steel D Handle Locomotive or Coal Scoops, No. 6, heavy, black.....	Per dozen	17.50
Jones' Cast Steel D Handle Coal Scoops, round point, No. 6 extra heavy, black.....	Per dozen	18.00
Jones' Cast Steel D Handle House Furnace Scoop, black.....	Per dozen	10.50

Ward's Cast Steel

Ward's Cast Steel D Handle Grain Scoops, No. 2, polished.....	Per dozen	\$12.50
Ward's Cast Steel D Handle Grain Scoops, No. 4, polished.....	Per dozen	13.50
Ward's Cast Steel D Handle Grain Scoops, No. 6, polished.....	Per dozen	14.00

Faxon or Mohawk Steel Scoops

Cast Steel D Handle Grain Scoops, No. 2, half polished.....	Per dozen	\$10.50
Cast Steel D Handle Grain Scoops, No. 4, half polished.....	Per dozen	11.25
Cast Steel D Handle Grain Scoops, No. 2, polished.....	Per dozen	11.25
Cast Steel D Handle Grain Scoops, No. 4, polished.....	Per dozen	12.00
Cast Steel D Handle Grain Scoops, No. 6, polished.....	Per dozen	12.50
Cast Steel D Handle Grain Scoops, No. 8, polished.....	Per dozen	14.25
Cast Steel D Handle Grain Scoops, No. 10, polished.....	Per dozen	16.00

Leeds' Steel

Leeds' D Handle Grain Scoops, No. 2.....	Per dozen	Black	Half Polished
Leeds' D Handle Grain Scoops, No. 4.....	Per dozen	\$10.00	10.50
		11.00	11.50

Galvanized Scoops

No. 3—Galvanized Steel Scoops (for salt, etc).....	Per dozen	\$21.00
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PATENT SOLID SOCKET.

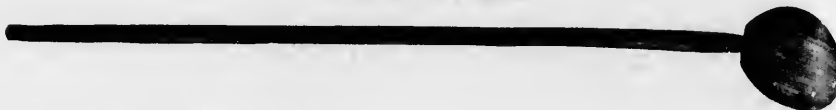


Eureka Cast Steel

Eureka Cast Steel D Handle Grain Scoops, No. 2, polished.....	Per dozen	\$10.00
Eureka Cast Steel D Handle Grain Scoops, No. 3, polished.....	Per dozen	11.00
Eureka Cast Steel D Handle Grain Scoops, No. 4, polished.....	Per dozen	12.00
Eureka Cast Steel D Handle Grain Scoops, No. 6, polished.....	Per dozen	13.00
Eureka Cast Steel D Handle Grain Scoops, No. 8, polished.....	Per dozen	15.00

**POST HOLE SPOONS**

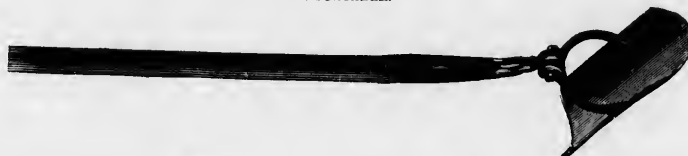
FOR DIGGING POST HOLES.



Cast Steel Riveted Post Hole Spoons, handled ..... Per dozen \$9.60

**Concave Drain Cleaners**

ADJUSTABLE.



Concave Drain Cleaners, Adjustable..... Per dozen \$11.00

**American Patent Socket Snow Shovel**

No. 100—Best Cast Steel, T Handle, No. 2, black ..... Per dozen \$6.00  
 No. 101—Best Cast Steel, L Handle, No. 2, black ..... Per dozen 5.50

**Sand Shovels**

Jones' L or D Handles, Solid Cast Steel Socket, No. 4, 13 1-4 x 11 x 10 1-2, black ..... Per dozen \$13.00  
 Jones' L or D Handles, Solid Cast Steel Socket, No. 5, 13 1-2 x 11 1-2 x 11, black ..... Per dozen 13.25  
 Jones' L or D Handles, Solid Cast Steel Socket, No. 6, 13 3-4 x 12 x 11 1-2, black ..... Per dozen 13.50  
 Half polished, 50 cents per dozen extra.

**Railway Shovels**

Patent Plain Back, Solid Cast Steel

Jones' D Handle, Square Point, No. 2, 70 lbs. per dozen, black ..... Per dozen \$15.75  
 Jones' D Handle, Round Point, No. 3, 70 lbs. per dozen, black ..... Per dozen 16.50  
 Burns' D Handle, Square Point, No. 2, 70 lbs. per dozen, black ..... Per dozen 14.25  
 Burns' D Handle, Round Point, No. 3, 70 lbs. per dozen, black ..... Per dozen 15.25

**Miners' Shovels**

AMERICAN.

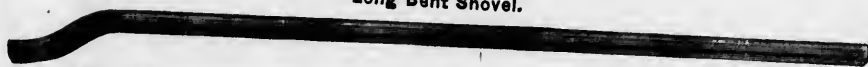
L Handle, Cast Steel Miners' Shovels, riveted back, polished, half-spring and full-spring points ..... Per dozen \$13.00

**Moulders' Shovels**

Jones' D Handle, patent plain back, solid cast steel, polished ..... Per dozen \$16.50  
 Burns' D Handle, patent plain back, solid cast steel, polished ..... Per dozen 15.50

**HANDLES.**

**Long Bent Shovel.**



Selected Ash.....Per Dozen, \$2.50

**All Wood, D Shovel**



Selected Ash.....Per Dozen, \$2.80

**Long Bent Spade.**



Selected Ash.....Per Dozen, \$2.50

**All Wood, D Spade.**



Selected Ash.....Per Dozen, \$2.80

**All Wood, D Ditching Spade.**

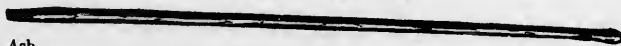
Selected Ash, Extra Long.....Per Dozen, \$4.00

**All Wood, D Scoop.**



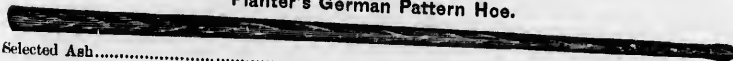
Selected Ash.....Per Dozen, \$3.50

**Garden or Field Hoe.**



Selected Ash.....Per Dozen, \$0.95

**Planter's German Pattern Hoe.**



Selected Ash.....Per Dozen, \$2.25

**Garden Rake.**



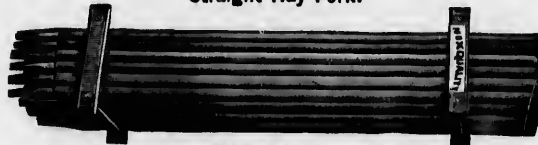
Selected Ash, Length 6 Feet.....Per Dozen, \$1.40

PACKED AS WANTED.



**HANDLES.**

**Straight Hay Fork.**



	Selected Ash.				
Length, Feet .....	4	4 1-2	5	5 1-2	6
Per Dozen.....	\$1.20	1.40	1.00	1.80	2.00

**Bent Hay Fork.**



	Selected Ash.			
Length, Feet.....	4 1-2	5	5 1-2	6
Per Dozen .....	\$1.80	2.00	2.10	2.35

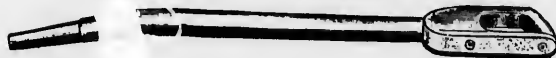
**Barley Fork Handles.**

Per Dozen .....

**Long Bent Manure Fork.**

Selected Ash, Length 4 1-2 Feet.....Per Dozen, \$2.00

**D Manure Fork (with Malleable D Head).**



Selected Ash, Bent, Chucked and Bored .....

Selected Ash, Bent, Ferruled.....

**Malleable Iron D Heads.**



For Manure and Spading Forks.....Per Dozen, \$2.00

**Plain Wrought Iron Ferrules.**



Hoe.



Hay Fork



Manure Fork.

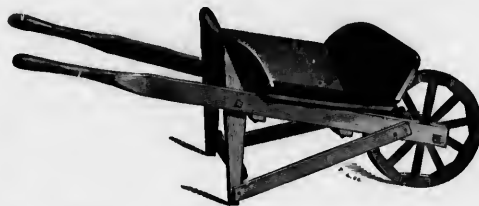
Hoe.....Per Dozen, \$ .80

Hay Fork.....Per Dozen, .85

Manure Fork.....Per Dozen, 1.00

PACKED AS WANTED.

**RAILROAD OR NAVVY WHEELBARROWS**



Bent Tray, bolted securely to frame, strongly made and well finished.



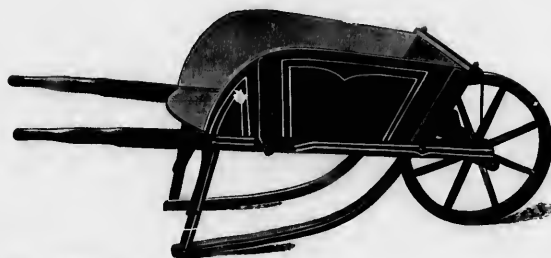
With Jacobs' Patent Wood Wheel  
Per dozen.....\$25.50



With Iron Wheel  
Per dozen.....\$27.00

Wheelbarrow Wheels, iron.....Per dozen \$16.50

**Garden Wheelbarrows**



Garden Wheelbarrows, painted and striped.....Each \$4.00

**Steel Tray Wheelbarrows**

FOR MINERS, FOUNDRIES, ETC.



Steel Tray, tubular frame.....Each \$8.25

## HORSE TIE WEIGHTS



Japanned.

Japanned Horse Weights, 15 to 30 lbs. each.....Per pound \$0.66

## Tie Weights, with Chain

TRADE NO.	WEIGHT.	LENGTH OF CHAIN.	PRICE PER DOZEN.
10	15 lbs.	7 feet.	\$11 50
11	15 "	9 "	12 50
12	15 "	12 "	14 00
13	20 "	7 "	14 00
14	20 "	9 "	15 00
15	20 "	12 "	16 40
16	25 "	7 "	16 30
17	25 "	9 "	17 30
18	25 "	12 "	18 80
19	30 "	7 "	18 70
20	30 "	9 "	19 70
21	30 "	12 "	21 20

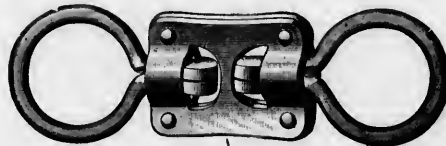
Chains only—7 ft. \$5.00, 9 ft. \$6.00, 12 ft. \$7.50 per dozen.

These Tie Weights are fitted with No. O Brown's Patent Chain, with swivel snap at end, and are securely attached to the weight.

## Hitching Post Heads

Cast Iron, Japanned.

## Oneida Steel Swivels



1 inch, 1 ring.....Per dozen \$0.55  
 3-4 inch, 2 rings.....Per dozen .60  
 1 inch, 2 rings.....Per dozen .60

Six dozen in a box.

Trade No. ....  
 No. on wire g  
 Approximate  
 Approximate

BROWN'S PATENT STEEL WIRE CHAINS

Cuts showing full size.



No. 2.



No. 1.



No. 0.



No. 00.



No. 000.



No. 00000.

Trade No.	00000	000	00	0	1	2
No. on wire gauge.....	6	8	9	10	11	12
Approximate length, per pound.....	3 ft.	4 1-3 ft.	5 ft.	6 1-6 ft.	8 1-3 ft.	10 1-4 ft.
Approximate breaking strain (in pounds).....	2100	1800	1500	1200	1000	800

Per pound \$0.06

PRICE PER DOZEN.

\$11.50
12.50
14.00
15.00
16.40
16.30
17.30
18.80
18.70
19.70
21.20

and are securely attached

Per dozen \$0.53

Per dozen .60

Per dozen .60

AMERICAN CHAINS

Cuts showing exact size of links.

No. 7.



No. 6.



No. 5.



No. 4.



No. 3.



No. 2.



No. 1.



No. 0.



No. 2/0.



No. 3/0.



No. 4/0.



Nos. ....  
 4 1/2 feet .....  
 6 feet .....

Nos. ....  
 4 1/2 feet .....  
 6 feet .....



No. 2.



GERMAN HALTER CHAINS



Nos.....		<b>3/0</b>	..	<b>2/0</b>	..	<b>0</b>	..	<b>1</b>	..	<b>2</b>	..	<b>3</b>	..	<b>4</b>	..	<b>6</b>
4 1/2 feet.....	Per dozen	\$3.00	..	2.70	..	2.50	..	2.25	..	2.10	..	1.90	..	.....	.....	.....
6 feet.....	Per dozen	.....	..	.....	..	.....	..	3.00	..	2.80	..	.....	..	2.65	..	2.40

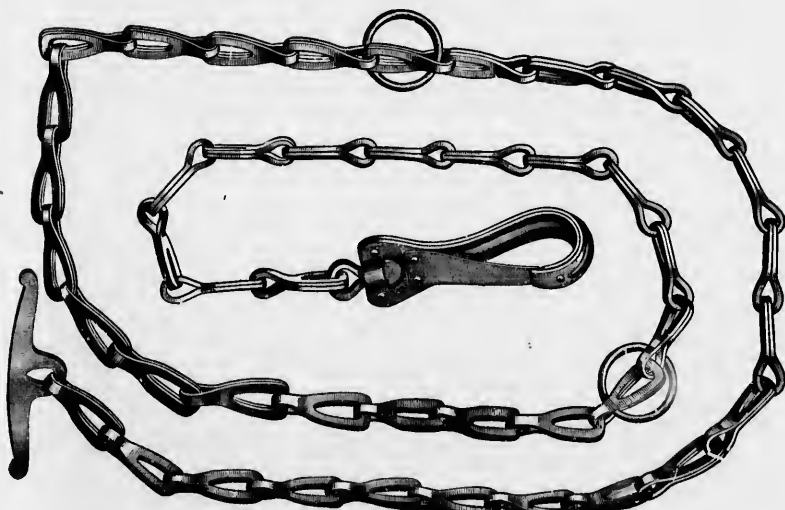
Nos. 3/0, 2/0 and 0, half dozen in a package. Other Nos., one dozen.

Cuts of bright Coil Chain on page 669 show exact size links of above chains.

No. 4/0.



American Halter Chains



Nos.....		<b>3/0</b>	..	<b>2/0</b>	..	<b>0</b>	..	<b>1</b>	..	<b>2</b>	..	<b>3</b>	..	<b>4</b>	..	<b>6</b>
4 1/2 feet.....	Per dozen	\$3.50	..	3.15	..	2.40	..	2.10	..	1.90	..	.....	..	.....	.....	.....
6 feet.....	Per dozen	.....	..	.....	..	.....	..	3.00	..	2.60	..	2.40	..	2.20	..	2.10

Nos. 3/0, 2/0 and 0, half dozen in a box. Other Nos., one dozen.

For cuts showing exact size of links see page 662.

**BROWN'S PATENT STEEL WIRE CHAINS.**

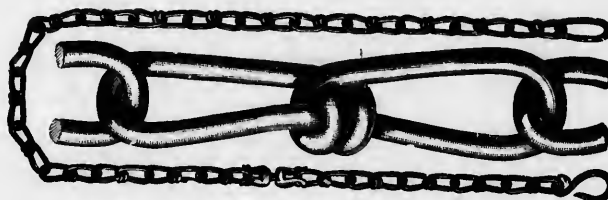
**Halter and Dog Chains**



Nos.....		<b>2</b>	<b>1</b>	<b>0</b>	<b>2/0</b>	<b>3 0</b>
4 1-2 feet.....	Per dozen	\$3.00	3.50	4.00	4.50	5.20
6 feet.....	Per dozen	4.00	4.50	5.00	5.75	6.75
9 feet.....	Per dozen	5.10	5.70	6.25	7.20	8.50

9 feet chain has one centre swivel in addition to swivel snap.  
One dozen in a box.

**Blue Tempered Steel Trace Chains**



Feet.....		<b>3 1-2</b>		<b>7</b>
Per pair.....		\$0.45		.65

Half dozen and one dozen pairs in a box.

**English Trace Chains**

Straight or twisted links.....		<b>3 1-2 x 10 x 2</b>	<b>7 x 10 x 2</b>	<b>7 x 12 x 2</b>
Per pair.....		\$0.38	.65	.70

**Brown's Patent Coil Chain**

Nos.....	<b>2</b>	<b>1</b>	<b>0</b>	<b>2 0</b>	<b>3 0</b>	<b>5 0</b>
Per 100 feet, bright.....	\$4.65	5.25	6.00	6.75	7.75	8.55
Per 100 feet, galvanized.....	6.35	7.25	8.75	10.25	11.75	14.50

In 100 feet boxes, or kegs of about 100 lbs.

**Post Chains**



No. 0—2 1-2 feet long.....	Per dozen	\$3.00
No. 1—2 1-2 feet long.....	Per dozen	2.65
No. 2—2 1-2 feet long.....	Per dozen	2.40

One dozen in a box.

**Special Tie Chains**

No. 2—7 feet long, bright, with swivel snap at each end.....	Per dozen	\$5.00
No. 2—7 feet long, nicked, with swivel snap at each end.....	Per dozen	7.00

For cuts showing sizes of chain see page 661.



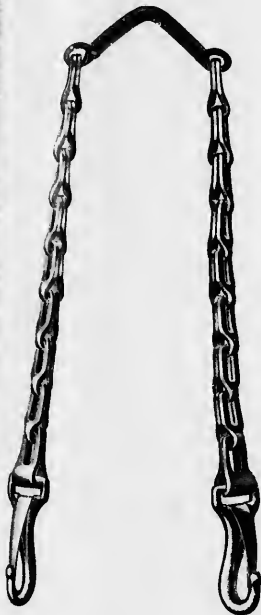
No. 5168—Flat, 5  
No. 5169—Fancy  
No. 4452—Round  
No. 5280—Heavy  
No. 5261—Heavy  
Challenge, Chain

No. 2808 E—Heavy  
No. 72 —Heavy

Polished Steel, 25 in  
Nickel Plated, 20 in  
Mixed Link, 20 Inch  
Aluminum, 20 Inch

ALL STEEL BREAST CHAINS

Patented.



Steel Breast Chains

Inch.....	28	48
Per pair.....	\$0.60	.90

Key Rings



On Cards

- No. 5108—Flat, Split Ring, assorted . . . . . Per gross \$2.80
- No. 5109—Fancy Split Ring, assorted . . . . . Per gross 3.25
- No. 4452—Round Ball Ends, assorted . . . . . Per gross 3.75
- No. 5280—Heavy Round Split Ring, assorted . . . Per dozen 1.20
- No. 5261—Heavy Round Split Ring, assorted . . . Per dozen 1.50
- Challenge, Chain with Padlock . . . . . Per dozen 1.35

One dozen on a card.

Scabbard Rings

- No. 2606 E—Heavy Split Ring, 1 3/4 inch. . . . . Per dozen 1.25
- No. 72 —Heavy Split Ring, 2 inch . . . . . Per dozen 1.00

Half dozen on a card.

Key Chains

- Polished Steel, 26 inch . . . . . Per dozen \$1.00
- Nickel Plated, 20 inch . . . . . Per dozen 1.50
- Mixed Link, 20 inch . . . . . Per dozen 1.65
- Aluminum, 20 inch . . . . . Per dozen 2.85

One dozen in a box.



Key Chains.

0 30  
50 5.20  
75 6.75  
20 8.50

7  
.65

7 x 12 x 2  
.70

50  
8.85  
14.50

Per dozen \$3.00  
Per dozen 2.65  
Per dozen 2.40

Per dozen \$5.00  
Per dozen 7.00



**TIE-OUT CHAINS**

**BROWN'S PATENT STEEL CHAIN**

Nos.		1	0	00	000
20 feet, two swivels	Per dozen	\$13.50	\$15.00	\$17.00	\$20.00
30 " "	Per dozen	19.00	21.00	24.50	28.00
40 " "	Per dozen	24.00	28.00	32.00	37.00
50 feet, three swivels	Per dozen	30.00	33.00	39.00	46.00
60 " "	Per dozen	35.00	39.00	45.00	52.00
75 " "	Per dozen	40.00	45.00	52.00	59.00
100 feet, four swivels	Per dozen	53.00	60.00	69.00	79.00

These Chains have stake rings, swivels and a swivel snap. They are the best chains on the market for tethering cattle.

**Cow Ties**

**BROWN'S PATENT STEEL CHAIN.**



Open Ring.



Closed Ring.



Three Chain.

Nos.		0000	000	00	0
Open Ring	Per dozen	\$4.75	\$4.00	\$3.50	\$3.25
Closed Ring	Per dozen	4.75	4.00	3.50	3.25
Three Chain	Per dozen	4.75	4.00	3.50	3.25

Put up 1-3 dozen in a box, 12 dozen in a case.

Closed Ring Cow Ties of this pattern are made with rings 2 1-2 and 3 1-2 inch diameter. Smaller size ring always sent unless otherwise ordered.

For cuts showing sizes of chain see page 661.

AMERICAN COW CHAINS



Nos.....	Open Ring Pattern.				
Per dozen.....	0 .....	2/0 .....	3/0 .....	4/0 .....	
	\$3.25 .....	3.50 .....	4.00 .....	4.75 .....	
	Half dozen in a box.				



Nos.....	Closed Ring Pattern.				
Per dozen.....	2/0 .....	3/0 .....	4/0 .....		
	\$3.50 .....	4.00 .....	4.75 .....		
	Half dozen in a box.				

Nos.....	Ohio Pattern. Three Chain.				
Per dozen.....	2/0 .....	3/0 .....	4/0 .....		
	\$3.25 .....	3.75 .....	4.50 .....		
	Half dozen in a box.				

For cuts showing exact sizes of chain see page 662.

00	000
\$17.00	\$20.00
24.50	28.00
32.00	40.00
39.00	46.00
45.00	52.00
52.00	59.00
69.00	73.00

chains



Chain.

00	0
\$3.50	\$3.25
3.50	3.25
3.50	3.25

Smaller size ring

ENGLISH COW CHAINS



Close Ring.



Open Ring.

Our Chains are specially made from patterns supplied by us to makers. These patterns being selected with special regard to the requirements of cattle raisers.

Close Ring

Nos. ....	<b>085</b>	<b>85</b>	<b>185</b>	<b>285</b>	<b>485</b>
Per dozen .....	\$2.75	2.85	3.00	3.85	3.60

Nos. 85 and 285 have small rings for use on iron bars.

Open Ring

Nos. ....	<b>081</b>	<b>81</b>	<b>81</b>	<b>181</b>	<b>281</b>
Per dozen .....	\$2.05	2.40	3.15	4.25	5.00

Three Chain or Walton Pattern

Nos. ....	<b>086</b>	<b>86</b>	<b>186</b>	<b>286</b>
Per dozen .....	\$2.20	2.55	2.85	3.55

Half dozen in a package.



Nos. 3-0  
Nos. ....  
Per 100 feet.

JACK AND SAFETY CHAIN



Double Link.



No. 8.

Steel Jack Chain

Price per dozen yards.



No. 10.



No. 12.



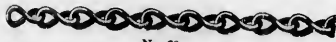
No. 14.



No. 16.



No. 18.



No. 20.



Safety No. 00.

Single Link

6	7	8	9	10	11	12	13
\$1.20	.90	.75	.54	.49	.43	.38	.34
14	15	16	17	18	19	20	
\$0.80	.28	.25	.24	.23			

Double Link

6	7	8	9	10	11	12	13
\$1.54	1.21	.96	.86	.75	.60	.53	.47
14	15	16	17	18	19	20	
\$0.42	.36	.33		.30			

Brass Single Link

8	9	10	11	12	13	14	15
\$5.25	4.25	3.50	2.55	2.05	1.70	1.35	1.00
16	17	18	19	20			
\$0.86	.82	.60	.54	.50			

Brass Double Link

10	11	12	13	14	15	16	17	18	19	20
\$4.25	3.45	3.00	2.15	1.90	1.50	1.20	1.00	.75	.65	.62

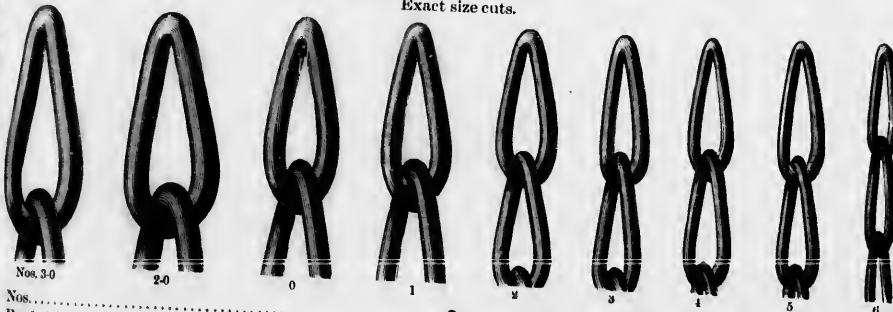
Brass Safety Chain

2	1	10	20	30
\$1.90	1.40	1.10	1.00	.85

One dozen yards in a box.

Bright German Coil Chain

Exact size cuts.



Nos. 3-0	2-0	0	1	2	3	4	5	6
Per 100 feet.....				\$3.80	3.60	3.75	4.00	4.50

One hundred feet in a package.

being selected with

285 485  
3.85 3.60

181 281  
4.25 5.00

186 286  
2.85 3.55

## CURRY COMBS



## Scroll Back

No. 1—Steel, 6 bars .....	Per dozen \$1.10	No. 2—Steel, 8 bars .....	Per dozen \$1.25
No. 3—Tinned, 6 bars .....	Per dozen 1.35	No. 4—Tinned, 8 bars .....	Per dozen 1.45
No. 5—Brass, 6 bars .....	Per dozen 1.90	No. 6—Brass, 8 bars .....	Per dozen 2.20



## Single Raised Grip

No. 11—Steel, 6 bars .....	Per dozen \$1.25	No. 12—Steel, 8 bars .....	Per dozen \$1.35
No. 13—Tinned, 6 bars .....	Per dozen 1.35	No. 14—Tinned, 8 bars .....	Per dozen 1.45
No. 15—Brass, 6 bars .....	Per dozen 1.90	No. 16—Brass, 8 bars .....	Per dozen 2.20

One dozen in a box.

No. 17—

No. 18—

No. 19—

No. 47—6

No. 48—8

CURRY COMBS



Flat Back

WITH MANE COMB.

No. 17—Steel, 6 bars.....	Per dozen \$1.60
No. 18—Tinned, 6 bars.....	Per dozen 1.85
No. 19—Brass, 6 bars.....	Per dozen 2.40



Close Steel Back and Steel Bars

No. 47—6 bars.....	Per dozen \$2.30
No. 48—8 bars.....	Per dozen 2.80

One dozen in a box.

..... Per dozen \$1.25  
 ..... Per dozen 1.45  
 ..... Per dozen 2.20

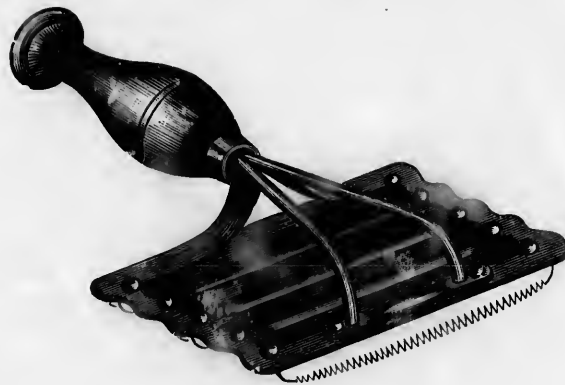
..... Per dozen \$1.35  
 ..... Per dozen 1.45  
 ..... Per dozen 2.20

CURRY COMBS



Double Raised Grip

No. 21—Steel, 6 bars.....	Per dozen \$1.50	No. 22—Steel, 8 bars.....	Per dozen \$1.90
No. 23—Tinned, 6 bars.....	Per dozen 1.80	No. 24—Tinned, 8 bars.....	Per dozen 2.25
No. 25—Brass, 6 bars.....	Per dozen 2.60	No. 26—Brass, 8 bars.....	Per dozen 3.20



Double Raised Grip

CLOSE BACK

No. 41—Steel, 6 bars.....	Per dozen \$1.80	No. 42—Steel, 8 bars.....	Per dozen \$2.20
No. 43—Tinned, 6 bars.....	Per dozen 2.10	No. 44—Tinned, 8 bars.....	Per dozen 2.80
No. 45—Brass, 6 bars.....	Per dozen 2.90	No. 46—Brass, 8 bars.....	Per dozen 3.40

One dozen in a box.

No. 33—  
No. 35—  
No. 37—

No. 27—St  
No. 29 Tin  
No. 31—Bra

CURRY COMBS



Double Handle

No. 33—Steel, 6 bars.....	Per dozen \$2.20
No. 35—Tinned, 6 bars.....	Per dozen 2.50
No. 37—Brass, 6 bars.....	Per dozen 3.30



Double Round Grip

WITH MANE COMB.

No. 27—Steel, 6 bars.....	Per dozen \$2.00
No. 29—Tinned, 6 bars.....	Per dozen 2.40
No. 31—Brass, 6 bars.....	Per dozen 3.10

One dozen in a box.



**CURRY COMBS**



**Patent Self Cleaning**

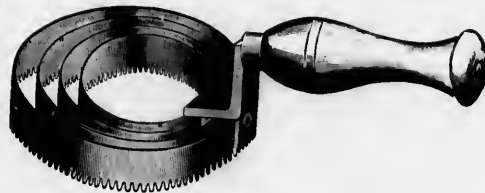
A. W. C.

No. 141—Steel, 6 bars..... Per dozen \$3.20

**Perfect Curry Comb**

Wood Back set with wire by patent process.

Per dozen ..... \$2.00



**Circular Spring Steel**

With strong Malleable Iron Shank, which is rivetted through handle.

No. 75 ..... Per dozen \$2.75



**Cattle Comb**

STEEL.

With strong Malleable Iron Brace Back, rivetted through handle.

Per dozen..... \$2.00

One dozen in a box.

Horses'

Inch ...  
Per gross

Inch ....  
Per gross

12 inch .

Japanned  
Per gross  
Japanned  
Per gross

Japanned S  
Per dozen . .

**HORSES' FRIEND CURRY COMB**

Patented.



Front View of the Comb.

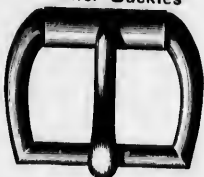


Back View of the Comb.

Will not scratch the most tender skinned animal.

Horses' Friend Curry Comb..... Per dozen \$2 10  
One dozen in a box.

**Roller Buckles**



**Harness Rings**



**Malleable, Japanned Roller Buckles**

No. 74—Japanned Roller Buckles.

Inch .....	5-8	3-4	7-8	1	1-4	1-2
Per gross .....	\$0.60	.75	1.00	1.15	1.65	1.90

No. 50—Japanned, Barrel Roller Buckles.

Inch .....	5-8	3-4	7-8	1	1-4	1-2	1-3-4	2	2-1-2
Per gross .....	\$0.75	.90	1.05	1.25	1.65	2.15	2.65	3.25	4.10

5-8 inch, two gross in a box. 3-4 to 1 inch, one gross. Other sizes, half gross.

No. 850—Japanned Shoe Buckles.

1-2 inch ..... Per gross \$1.35  
Two gross in a box.

**Harness Rings**

Japanned Halter, inch.....	3-4	1	1-4	1-2		
Per gross .....	\$0.70	.75	.85	1.35		
Japanned Breeching, inch ...	1	1-4	1-2	1-3-4	2	2-1-2
Per gross .....	\$0.90	1.30	2.25	2.75	3.50	5.75

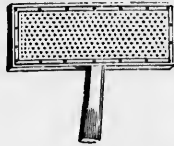
Half gross in a box or package.

**Malleable Cockeyes, with Roller**

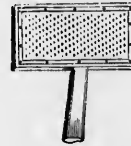


Japanned Screwed Cockeyes inch ..... 1-2 ..... 1-3-4  
Per dozen ..... \$0.55 ..... .60  
Two dozen in a box.

LARGE AND SMALL HORSE CARDS



Large Horse Cards, No. 2.

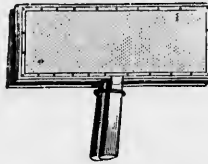


Small Horse Cards, Nos. 4 and 01

Horse Cards, Coppered Wire

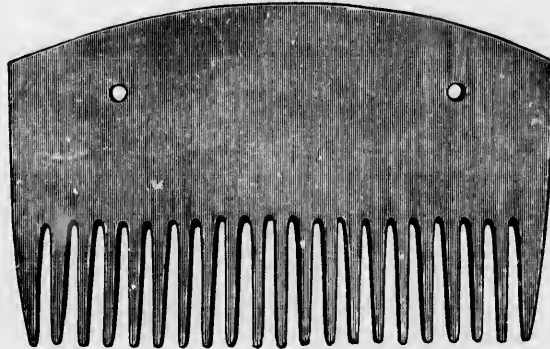
- No. 2—Large, 8 1-4 x 3 1-2 inches, leather, coppered wire ..... Per dozen \$1.50
- No. 04—Small, 5 3-4 x 3 1-2 inches, leather board, coppered wire..... Per dozen .95
- No. 4—Small, 5 3-4 x 3 1-2 inches, leather, coppered wire ..... Per dozen 1.40

Wool Cards



- No. 8B—Wool, 9 1-4 x 4 1-4 inches, leather, coppered wire..... Per dozen pairs \$3.25

Mane Combs



- No. 150E—Horn Mane Combs, 4 x 2 1-2 inches..... Per dozen \$1.65

One dozen in a package.



Nos.....  
Per pound.....

Nos.....  
Per pound.....



Shoemakers' W

Size.....  
Per dozen.....

Size.....  
Per dozen.....

SHOE THREAD



		<b>Barbour's Standard</b>					
Nos.....	.....	8	9	10	12	15	20
Per pound.....	.....	\$0.78	.86	.87	.02	1.02	1.08
		<b>Harp Brand</b>					
Nos.....	.....						8
Per pound.....	.....						\$0.68
		One pound in a box.					

Shoemakers' or Saddlers' Wax

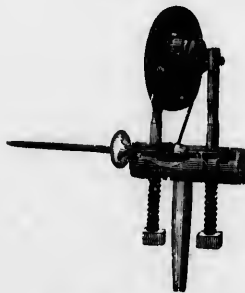
Shoemakers' Wax in balls ..... Per 100 balls \$1.00



Fisher's Patent Heel Supports

Nos.....	.....	2	3
Per dozen .....	.....	\$1.35	1.35
One dozen in a box.			

Wheelheads



Patent Brass Bushed

Size.....	.....	Large	.....	Extra Large
Per dozen .....	.....	\$4.50	.....	5.80

Anti-Friction

Size.....	.....	Large	.....	Extra Large
Per dozen .....	.....	\$5.00	.....	6.30
One dozen in a box.				

GERMAN PATTERN HARNESS

BRONZED.



Inch .....	3-4	7-8	1	1 1-4	1 1-2	1 3-4	2
Per gross .....	\$2.40	2.40	2.40	4.20	5.50	7.00	8.00

3-4 to 1 inch, half gross in a box; other sizes, one-quarter gross.

Round Eye. Bronzed

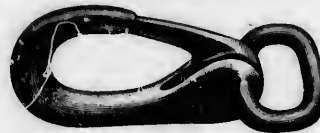
Inch .....	1-2	5-8	3-2	7-8
Per gross .....	\$2.40	3.20	4.40	5.50

Half gross in a box.

"Hubbard's" Patent



"Gem" Patent



No. 4—Hubbard's Patent, X C Plate

Inch .....	7-8	1
Per gross .....	\$9.00	9.00

No. 32—"Gem" Patent, X C Plate

Inch .....	7-8	1	1 1-2	1 3-4
Per gross .....	\$5.25	5.25	8.75	10.25

7-8 and 1 inch, half gross in a box; other sizes, one quarter gross.

Triumph Patent



No. 55—X C Plate

Inch .....	7-8	1	1 1-4	1 1-2	1 3-4
Per gross .....	\$3.60	3.85	6.60	7.25	8.00

7-8 and 1 inch, half gross in a box; other sizes, one-quarter gross.

Inch .....  
Per gross .....

These S

Inch .....  
Per gross .....

No. 12 Round,



Coleman's Patent  
No. 100—Double

**ONEIDA SOLID STEEL HARNESS SNAPS**

Nickel-Plated



Inch.....	3-4	7-8	1	1 1-4	1 1-2	1 3-4
Per gross.....	\$9.30	3.35	3.40	5.75	6.75	8.25

One-quarter gross in a box.

These Snaps are made from best Bessemer steel, the greatest care being taken in the manufacture of the springs, which are of a new pattern, and attached to the Snap in such a way as to insure the greatest reliability.

**Bolt Snaps**

No. 12.—X C Plate.



Inch.....	7-8	1	1 1-4	1 1-2	1 3-4	2
Per gross.....	\$4.50	4.80	8.00	8.75	9.50	11.00

7-8 and 1 inch, half gross in a box; other sizes, quarter gross.

**Bolt Snaps, Open Eye**

No. 12.—X C Plate.



Cut shows closed eye.

No. 12—Round, open eye, 3-4 inch, X C Plate..... Per gross \$5.50

Half gross in a box.

**Bit Snap**



**Double Snap**



No. 100.

Coleman's Patent Bit Snap, bronzed..... Per gross \$6.50  
 No. 100 Double Snaps, X C Plate..... Per gross 9.00

Half gross in a box.

13-4 2  
7.00 8.00

3-4 7-8  
4.40 5.50

7-8 1  
\$9.00 9.00

1-2 13-4  
3.75 10.25

1-2 13-4  
.25 8.00

**BREAST STRAP ROLLER SNAPS**



X. C. Plate, Breast Strap Roller Snaps

Inch .....	1 1-2	1 3-4
Per dozen .....	\$2.40	2.35

One dozen in a box.



**Whiffletree Snaps**

Japanned.

Inch.....	7-8	1	1 1-8	1 1-4
Per dozen .....	\$4.50	4.75	5.60	6.00

One dozen in a box.

**Hame Staples**



No. 960—Malleable iron, with bars, 3-8 inch ..... Per dozen \$0.30

Two dozen in a box.

**Hame Tug Clips**



No. 982—Malleable iron, 3-8 inch..... Per dozen \$0.30

Two dozen in a box.

**Breast Strap Slides**



No. 5—1 3-4 inch, heavy grey iron, japanned..... Per dozen \$0.75

No. 6—1 3-4 inch, steel..... Per dozen 0.50

One dozen in a box.

No. 00—12 Cor  
Adjustable, with

No. 6—Deflan  
No. 16—Deflan  
No. 100—Extra  
No. 159—Extra  
No. 20E—1 inch  
No. 25E—1 1-4 inc

Sisal Rope Halter  
Sisal Rope Halter  
Sisal Rope Halter  
Manilla Rope Halt  
Russia Hemp Rope  
Russia Hemp Rope

WEB HALTERS



No. 00.



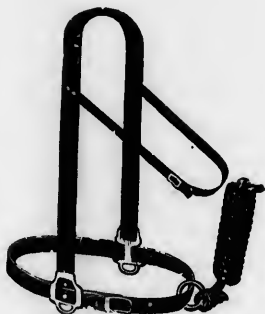
Adjustable.

- No. 00—12 Cord, Rope Chin Strap and Tie ..... Per dozen \$3.00  
 Adjustable, with Buckled Chin Strap, Rope Tie ..... Per dozen 4.00

134  
2.55

114  
6.00

Leather Halters



DEFLIANCE.



Style of No. 100.  
(Cut shows Rope Tie.)

- No. 6—Defiance, 1 inch leather, tinned trimmings, rope tie..... Per dozen \$ 7.50  
 No. 16—Defiance, 1 1/4 inch leather, tinned trimmings, leather tie ..... Per dozen 9.75  
 No. 100—Extra strong, stitched joints, with snap and leather tie..... Per dozen 15.00  
 No. 150—Extra strong, plain without leather tie..... Per dozen 11.00  
 No. 20E—1 inch leather, japanned trimmings, rope tie..... Per dozen 5.25  
 No. 25E—1 1/4 inch leather, tinned trimmings, rope tie..... Per dozen 7.00

Rope Halters

WITH MALLEABLE SNAP AND RING.

- Sisal Rope Halters, small ..... Per gross \$10.00  
 Sisal Rope Halters, large ..... Per gross 14.50  
 Sisal Rope Halters, extra large ..... Per gross 22.00  
 Manila Rope Halters, extra large ..... Per gross 28.50  
 Rasch Rope Halters, small .....  
 Russia Rope Halters, large .....

Per dozen \$0.30

Per dozen \$0.30

Per dozen \$0.75

Per dozen 0.50



WHIP SOCKETS



Skeleton, Leather Dash.  
Three-quarters size cut.



Worden's Adjustable.  
One-third size cut.



Skeleton, Wood Dash.  
Three-quarters size cut.

Skeleton Whip Sockets

Leather Dash, grey iron, japanned .....	Per dozen \$1 30
Wood Dash, grey iron, japanned .....	Per dozen 00

One dozen in a box.

Worden's Adjustable Whip Sockets

Worden's Adjustable, steel japanned, leather dash .....	Per dozen \$2 30
---	------------------

Half dozen in a box.

No. 10—Steel, ja  
No. 103—Steel, ja  
No. 113—Steel, ja  
No. 20—Steel, ja

Feet .....  
4 plait, per dozen ..

Feet .....  
4 plait, per dozen ..

Feet .....  
Per dozen ..

Live Oak Whip Stock  
Hickory Whip Stocks

**WHIP SOCKETS**

ADJUSTABLE BAND FASTENERS.



Style of Nos. 10 and 103.



Style of Nos. 113 and 20.

No. 10—Steel, japanned, 6 3-4 inches long .....	Per dozen	\$0.90
No. 103—Steel, japanned, plated top, 6 3-4 inches long .....	Per dozen	1.15
No. 113—Steel, japanned, plated bell top, 6 3-4 inches long .....	Per dozen	3.00
No. 20—Steel, japanned, bell top, 7 1-2 inches long .....	Per dozen	4.50

Half dozen in a box.

**Whip Lashes**

		Imitation Buck			
Feet .....		4	4 1-2	5	5 1-2
4 plait, per dozen ..		\$1.60	1.75	2.00	2.25
					2.50
		Horse Hide			
Feet .....		3	3 1-2	4	4 1-2
4 plait, per dozen ..	\$1.85	1.45	1.80	1.90	2.25
					2.50
					2.75
		Raw Hide			
Feet .....		4	4 1-2	5	5 1-2
Per dozen .....		\$2.50	2.75	3.10	3.50

California, Horse Hide and genuine Buckskin Lashes, 10 and 12 feet, to order.

**Whip Stocks**

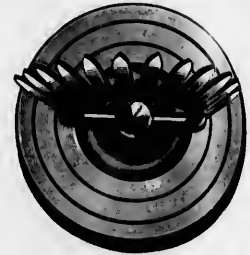
Live Oak Whip Stocks, black leather covered, 3 1-2 feet .....	Per dozen	\$7.00
Hickory Whip Stocks, with keeper, 3 1-2 feet .....	Per dozen	1.15



Circular.

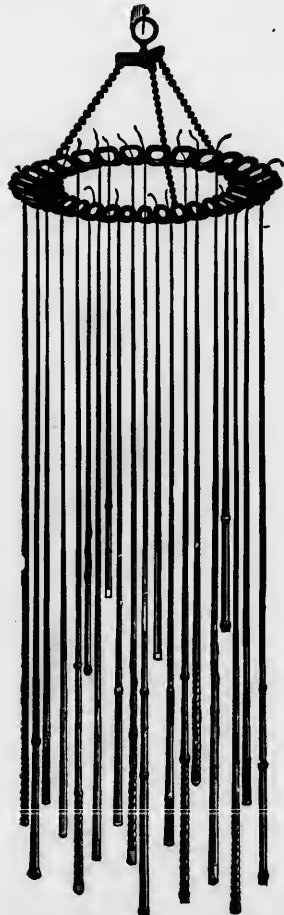


Straight.



Handy.

Circular Whip Racks, 16 1-2 inches diameter, holds 64 whips, without chains .....	Per dozen	\$11 25
Straight Whip Racks .....	Per dozen	2 25
Handy Whip Racks .....	Per dozen	3 00
Half dozen in a box.		



**DRIVING WHIPS**

**Straight Rattan**

No.	Price per doz.
12—Black, varnished, japan cap, loop snap, 5 1-2 feet .....	\$ 1.15
14—Black, varnished, japan cap, loop snap, 6 feet .....	1.35
16—Black, varnished, nickel cap and ferrule, loop snap, 6 feet .....	1.50
30—Black, varnished, closely platted, chased nickel or gilt ferrule, japan cap, loop snap, 6 feet .....	2.50
34—Black, fine platted, chased nickel or gilt, head and ferrule, loop snap, 6 feet .....	2 80

**Extra Javas**

44—Black or wine, patent finish, waterproof, gilt or nickel head and ferrule, loop snap, 6 feet .....	\$ 3.00
54—Black or wine, star finish, fancy, gilt ferrule, japan cap, loop snap, 6 feet .....	2 90
50—Black or wine, satin finish, waterproof, rubber cap, two worked buttons, Philadelphia wire-wound snaps, 6 feet .....	4.20
68—Black or wine, smooth finish, extra long chased gilt ferrule, textile cap, Philadelphia wire-wound snap, 6 feet .....	4.70
76—Black or wine, enamel finish, 4 gilt buttons and textile cap, Philadelphia wire-wound snap, 6 feet .....	5.00
80—Black or wine, smooth finish, nickel or gilt spiral centre, three stitched buttons, Philadelphia wire-wound snap, 6 feet .....	5.50

**Best Selected Stock**

**EXTRA QUALITY.**

88—Black wine or amber, patent waterproof finish, extra chased gilt head and ferrule, loaded butt, Philadelphia wire-wound snap, 6 feet .....	6 50
100—Wine, black or amber, extra enamel finish, long gilt or nickel scroll head and ferrule, Philadelphia wire-wound snap, loaded butt, 6 feet .....	6 50
118—Black or wine, imperial finish, waterproof, long worked buttons, METALLIC LINED loaded butt, Philadelphia wire-wound snap, 6 feet .....	6 50
124—Black, wine or amber, FINE RUSSET LEA HANDLE, worked buttons, extra stock, best imperial finish, Philadelphia wire-wound snap, 6 feet .....	7 50

Best  
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128—Bl  
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162—“O  
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6 feet  
168—“O  
waved  
heavy  
184—Woo  
finish,  
196—Woo  
finish,  
delphia  
Extra Raw  
204—Raw  
plain t  
proof, I  
208—Raw  
extra f  
delphia  
220—Raw  
finish,  
ferrule,  
twisted  
238—“CYC  
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232—“CYC  
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Rummer  
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234—Rawhi  
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240—“NOI  
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black but  
snap (Pat.  
252—“PLYM  
combust  
otherwise

DRIVING WHIPS

Best Selected Stock Extra Quality Javas

- | No. |  | Price per doz. |
|-----|--|----------------|
| 128 | -Black or wine chased, nickel or gilt head and ferrule, <b>RUSSET LEATHER HANDLE</b> , best waterproof finish, wire wound Philadelphia snap, 6 feet..... | \$ 8.50        |
| 162 | -" <b>OUR PETS</b> ," black or wine, fancy waved handle, extra fine gilt head and ferrule, imperial finish, silk twisted snap, wire wound, 6 feet.....   | 8.75           |
| 168 | -" <b>OUR PETS</b> ," black or wine, fancy corded waved, handle loaded, spiral wound, extra heavy head and ferrule, 6 feet.....                          | 9.00           |

Straight Rawhides

- |     |   |      |
|-----|---|------|
| 194 | -Wood butt, rawhide, black or wine, imperial finish, plain buttons, Philadelphia snap, 6 feet. \$                   | 5.40 |
| 188 | -Wood butt, rawhide, black or wine, Imperial finish, extra gilt or nickel mountings, Philadelphia snap, 6 feet..... | 6.25 |

Extra Rawhide Whips Made Only of Very Best Rawhide Centres, Guaranteed First Quality

- |      |  |       |
|------|--|-------|
| 204  | -Rawhide centre, 3 1-2 feet, black or wine, plain textile buttons, imperial finish, waterproof, Philadelphia snap, wire wound, 6 feet. \$  | 8.50  |
| 203  | -Rawhide centre, 3 1-2 feet, black or wine, extra fine mountings, imperial finish, Philadelphia twisted snap.....  | 9.50  |
| 220  | -Rawhide centre, 4 feet, black or wine, star finish, extra fine gilt and enamel head and ferrule, <b>OIL SKIN LINED</b> , Philadelphia silk-twisted snap.....  | 14.00 |
| 238  | -" <b>CYCLONE</b> ," rawhide, full length centre, through cap, double cover, <b>RUBBER LINED</b> , three plain black buttons, wine or black, finest ivory finish, English silk twisted snap, 6 feet.....   | 15.00 |
| 232  | -" <b>CYCLONE</b> ," rawhide, centre runs from handle to tip, heavy wrought iron spikes, <b>RUBBER LINED</b> , double cover, three plain black buttons, best ivory enamel finish, finest all silk snap, 6 feet.....  | 16.00 |
| 234  | -Rawhide, guaranteed full length, through cap, Philadelphia snap.....  | 11.00 |
| 240  | -" <b>NOR-WEST</b> ," rawhide, 4 ft. centre, double cover, first cover platted with fine <b>SPRING WINE</b> and linen thread (positively unbreakable), extra heavy-headed head and ferrule, wine or black ivory, waterproof finish, Philadelphia silk-twisted snap (Patent applied for), 6 feet.....   | 20.00 |
| 240A | -" <b>NOR-WEST</b> ," with waved handle, three worked buttons, rubber cap, otherwise as 240.....   | 21.00 |
| 248  | -" <b>PLYMOUTH ROCK</b> ," rubber and Textile lined rawhide, the lining runs through the loop, making the strongest rawhide whip ever manufactured; these whips have been tested in all kinds of weather and will keep their shape better than any other rawhide made; black or wine ivory finish, all plain black buttons, all silk, Philadelphia twisted snap (Pat. in Canada, Feb. 16th, 1894), 6 feet..... | 20.00 |
| 252  | -" <b>PLYMOUTH ROCK</b> ," with very finest combination gilt and enamel mountings, otherwise like 248.....   | 25.00 |

Whalebone Whips

Warranted Best No. 1 Arctic Whalebone

- | No. |  | Price per doz. |
|-----|--|----------------|
| 286 | -Black, 1-4 bone, plain black buttons, imperial finish, Philadelphia snap, wire-wound, 6 feet. \$  | 8.25           |
| 288 | -Black, 1-4 bone, fine chased mountings, linen lined, Imperial finish, Philadelphia snap, wire-wound.....  | 10.00          |
| 290 | -Black, 2 feet bone, heavy chased nickel or gilt head and ferrule, linen lined, Philadelphia snap, wire-wound.....                                       | 15.00          |
| 296 | -Black, 1-2 bone, buck lined, plain black buttons, best waterproof rubber finish, silk-twisted snap, 6 feet.....   | 15.00          |
| 300 | -Black, 1-2 bone, extra fine, <b>SILK STITCHED RUSSET LEATHER HANDLE</b> , extra quality, gilt head and ferrule, buck lined, Philadelphia silk snap..... | 20.00          |

Team Whips

- |     |   |         |
|-----|---|---------|
| 434 | -White lash top, brown handle, two russet buttons, Japan cap, 6 1-4 feet.....   | \$ 5.00 |
| 448 | -Black body, white lash top, two long extra chased ferrules, Japan caps and stitched head button, 7 1-2 feet.....                                   | 8.00    |
| 456 | -" <b>LIVE OAK</b> " TEAM—with twisted stock, black Japan cap, two leather or stitched buttons, 1 1-2 feet linen or horsehide lash, 6 1-2 feet..... | 8.50    |
| 558 | -Black body, white or colored horsehide top, lodged butt, extra heavy head and ferrule, braided snap.....   | 9.50    |
| 464 | - <b>RAWHIDE</b> , three stitched buttons, wire-wound, open centre, Jap cap, loop snap, 6 feet.....   | 10.00   |

Riding Whips

- |     |  |         |
|-----|--|---------|
| 480 | -Red or black, white, red, russet or black buttons, loop snap, 3 feet.....   | \$ 1.25 |
| 502 | -Wine or black, extra stock, loaded, gilt or nickel head or ferrule, imperial rubber finish, Philadelphia wire-wound snap, 3 feet..... | 3.50    |
| 494 | -Rawhide, riding, black or russet, platted through, stitched buttons and hand loop, loop snap.....                                     | 4.60    |
| 530 | -Whalebone, black handle, gilt head and ferrule, imitation gut top, oil finish, twisted silk snap, 3 feet.....                         | 11.50   |

Track Whips

- |     |  |         |
|-----|--|---------|
| 410 | -Black, <b>FULL LENGTH RAWHIDE</b> , textile buttons, best ivory finish, twisted silk snap, wire bound, 4 feet 4 inches.....           | \$12.00 |
| 420 | -Black, <b>WHALEBONE THROUGH</b> , best ivory waterproof finish, <b>DOUBLE COVER</b> , English silk twisted snap, 4 feet 4 inches..... | 20.00   |

Tandem or Coach Whips

- |     |   |       |
|-----|---|-------|
| 500 | -Wine color body, fine white bow top, <b>IMITATION OF ENGLISH QUILL TOP</b> , extra heavy gilt head and ferrule, Philadelphia snap, 8 feet..... | 16.00 |
|-----|---|-------|



Handy.  
..... Per dozen \$11.25  
..... Per dozen 2.20  
..... Per dozen 3.00

Price per doz.  
..... \$1.15  
..... 1.33  
..... 1.50  
..... 2.50  
..... 2.80  
..... \$3.00  
..... 2.90  
..... 4.20  
..... 4.70  
..... 5.00  
..... 3.50  
..... 6.25  
..... 6.50  
..... 6.25  
..... 7.50

HORSE POKES



Dictator

Per dozen ..... \$3.05



Montreal

Per dozen ..... \$6.00



Champion

Per dozen ..... \$3.55



Climax

Per dozen ..... \$5.25



Dominion

Per dozen ..... \$5.55



Pearson's Patent H  
I. X. L. Horse Pöke

HORSE POKES



Pearson's Patent



I. X. L.

This Poke has no equal in the world. It will prevent the worst of unruly mules or horses from pushing or jumping fences or being injured by barbed wire, and is made extra strong. The head or cross piece is hinged at one end and closes with a spring lock at the other end. The essence of strength and convenience. Patented in U. S., November 9th, 1886; in Canada, July 2nd, 1887.

Pearson's Patent Horse Pokes.....	Per dozen \$9.00
I. X. L. Horse Pokes.....	Per dozen 9.00

..... \$6.00

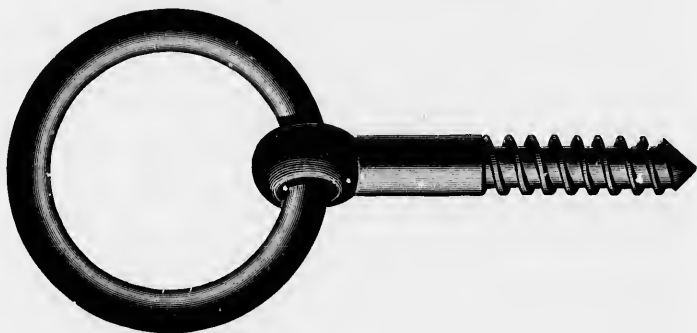
..... \$3.65

..... \$3.3



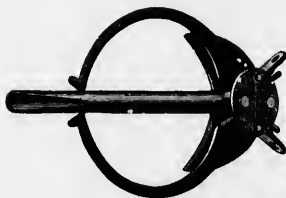
**HITCHING RINGS**

Wrought Screw. Wrought Ring. Solid Forged Eye.



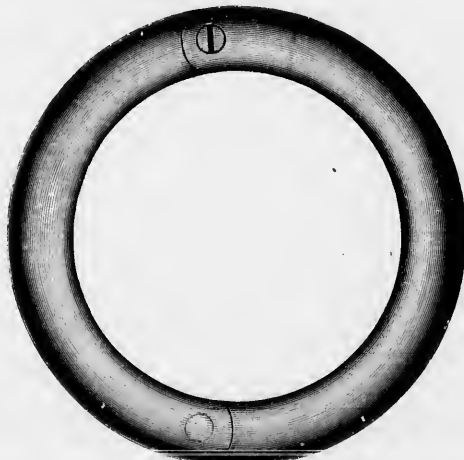
Full size cut of No. 15.

- No. 15—Wrought Hitching Rings, 2 1-2 inch, plain ..... Per dozen \$1.00  
 No. 5—Steel Screw, Malleable Ring..... Per dozen .75  
 One dozen in a box.



**Ox Bow Pins**

- No. 71—Malleable iron, 1 3-4 inch, steel spring, japanned .... Per dozen \$1.05  
 One-sixth gross in a box.



**Bull Rings**

Polished Copper  
 WITH KEYS.

Nos.....	21	.....	22
Inch.....	2 1-2	.....	3
Per dozen .....	\$2.25	.....	3.00

One dozen in a box.

**No. 25**

Pure Bronze Cannon Metal  
 Extra Large and Strong.

- 3 1-2 inch diameter, 7-16 inch Cannon Metal.  
 Per dozen..... \$12.00

Quarter dozen in a box.

Full size cut of No. 25.

Screw Drivers or Keys are not packed with this Ring, as it can be opened with any small Screw Driver.

No. 500 -  
 With t



PATENT BULL SNAPS

C Plate.



No. 500—Complete without handle .... Per dozen \$5.50  
 With three feet of chain and three screw eyes  
 (all C Plate.)

CATTLE LEADERS



No. 2.

Half size cut.

No. 1—Bright, with brass wire spring .. Per dozen \$1.00

No. 2—Bright, with brass wire spring .. Per dozen 1.10

One dozen in a box.

Cast Brass Ox Balls



No. 12.



No. 13.



No. 14.



No. 5.

No. 12—Octagon, light ..... Per gross \$ 7.50

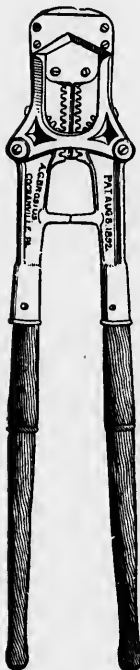
No. 13—Octagon, medium ..... Per gross 8.25

No. 14—Octagon, medium ..... Per gross 9.75

No. 5—Octagon, heavy ..... Per gross 18.75

Half gross in a box.

**KEYSTONE DEHORNING CLIPPERS**



The most simple, yet the most powerful. Consists of frame, blade and two handles. No chute required, and the only clipper that does not need one in any case. The moving blade comes out to grind or file by turning handles back. New blades can be fitted in in five minutes. No bending. Made of the best malleable iron; handles, rock maple; blades are of the finest steel, and of the special temper required for this work. The parts are all made interchangeable, so they can be replaced at any time. The most humane method, as the horn can be taken off instantly with a rapid motion in the cow's own stable, without scaring her, as is always the case when forced into a chute. Does not crush any horns as a knife cutting from one or two sides does in case it is hard and brittle. Can be carried in a buggy box, ready to do work at any time, and not be in the way. One can cut any horn instantly without twisting it off. No twisting motion or second cut on a horn. Does not cut all the shell of the horn first, as a circular blade does, while handles are open too wide to have the best power, but begins at four spots with a sliding cut which requires much less power then a direct cut. The Keystone Clipper is approved by veterinary surgeons. The Keystone Clipper is approved by leading dairymen. The Keystone knife is formed by two V-shaped knives coming together, thus giving four cutting blades. They have a sliding cut, similar to two sets of shears working in opposite directions. The levers are attached to the knives with cogs in such a way as to give the power of forty-eight men on the knives. It is 3 feet 8 inches long, and about 8 inches across the widest place. The blades will open 5 inches, and it is 3 1-2 inches between the sides of frame. When the handles are doubled back to carry, it is only 3 feet long, and the weight is about 14 lbs.

not  
V O L  
F I Z

Clippers only .....	Each \$12.00
Complete, with leader and rope, extra blades and screws.....	Each 12.00

This outfit is fully guaranteed. Should it break or give out through any defect, it will be replaced any time within one year.

**Calf Weaners**

Malleable Iron.



Hill's Adjustable Calf Weaners.....	Per dozen \$2.75
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One-twelfth dozen in paper folder.



Chimney  
Descriptive  
Plain finish  
Japaned

B Hinge...

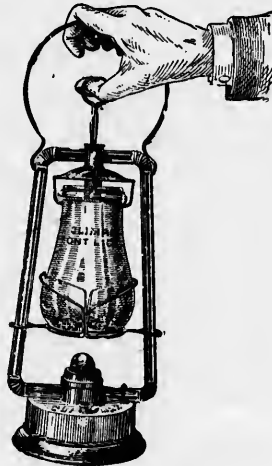
Large refiner

No. 39 - Rat  
No. 38 - Rat

TUBULAR LANTERNS



Clinmax Crank.



Clinmax Lift.



Clinmax Dash Reflector.

Description Plain finish..... per dozen Japanned, blue or red..... per dozen	Crank \$ 6.25 ..... 7.00	Lift 6.25 ..... 7.00	Dash Reflector 8.50 ..... 9.50
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Can supply with colored globes if required.

Wright's Hinge Lantern



Railroad Lantern



B Hinge..... Per dozen	Plain \$ 6.25	Japanned Ired 7.00	Hinge Dash, Japanned 9.50
------------------------	---------------	--------------------	---------------------------

Dash Lanterns with Bulls Eye Globes 90 cents per dozen extra.

No. 2—American Side Spring, Safety, Oval Tube  
No. 2 BURNER, 1 INCH WICK.

Large retinned oil fount, new inside guard, locked glass flange and burner, globe removable without taking off guard..... Per dozen \$11.00  
All above one dozen in a box.

Railroad Lanterns

No. 39—Railroad Lantern, ratchet burner.....	Per dozen 9.00
No. 39—Railroad Lantern, ratchet convex burner, for coal oil.....	Per dozen 9.50

and two handles.  
by case.  
e; blades are of the finest  
ny time.  
with a rapid motion in the  
l into a chute.  
es does in case it is hard  
ot be in the way.  
g motion or second cut on  
hile handles are open too  
which requires much less

together, thus giving four  
working in opposite direc-  
as to give the power of  
inches across the widest  
ides of frame. When the  
is about 14 lbs.

..... Each \$12.00  
..... Each 12.00  
will be replaced

..... Per dozen \$2.75

TUBULAR LANTERNS



No. 2—Round Tube, "Cold Blast," Bottom Lift  
No. 2 BURNER, 1 INCH WICK, No. 0 GLOBE.

This lantern is made on same principle as the celebrated Globe street lamp, with wind break around the top, making it a very desirable lantern for use in places where there are strong drafts of wind. It is specially adapted for use in mills and other places where there is considerable dust, as the burner will not clog up.

The one piece tubes are strongly made without elbows or joints. Globes easily raised to light and trim, and removable without disturbing guard. GIVES A FINE LIGHT.

Per dozen ..... \$16.00  
Half dozen in a box.

"Gem" Tubular Lantern



Solid Brass, Nickel-plated

No. 00 BURNER, 1-2 INCH WICK, No. 00 GLOBE

This is a perfect lantern in its burning qualities. The light produced is stronger and brighter than that of any lantern using a 5-8 inch burner, it will not blow out in the wind and will not smoke, nor will the oil sweat through the brass, which is the usual objection in a brass lantern. It is nicely finished and of convenient size for use where a small lantern is required.

Per dozen ..... \$19.00  
One dozen in a box.

Inch...  
Per dozen

It th...  
affected by...  
space, as in...  
Per dozen.

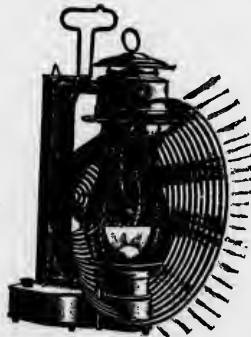
POLICE LANTERNS



Inch.....	2 3/4	3	HIATT'S
Per dozen.....	\$7.50	8.25	22.50

wind break around the top.  
It is specially adapted for  
up.  
raised to light and trim, and  
..... \$16.00

Tubular Search Light



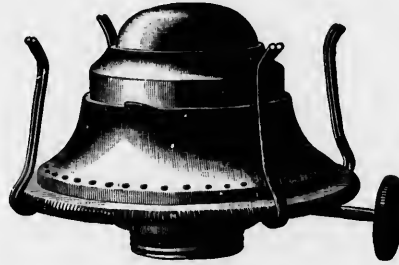
No. 20—Tubular Search Light  
No. 0 TUBULAR GLOBE, No. 2 BURNER, 1 INCH WICK.

It throws a brilliant and steady light out of doors as well as inside, without smoking or flickering, and is not affected by the wind or strong drafts. Specially adapted where a strong light is required to be spread over a large space, as in stables, mills, warehouses, picnic grounds, etc.

Per dozen.....	\$33.00
----------------	---------

nd brighter than that of any  
will the oil sweat through the  
venient size for use where a  
..... \$19.00

## LAMP BURNERS



Full size cut No. 1 or A.

Nos.....	0	A	B
Per dozen.....	\$1.00	1.05	1.50

## Lantern Burners

For tubular lanterns.....	Per dozen \$1.00
One dozen in a box.....	

## Lamp Wick

## Star Brand

Nutmeg, cut or on cards.....	Per gross \$0.40
No. 0—Small, cut or on cards.....	Per gross .50
No. A—Medium, cut or on cards.....	Per gross .70
No. B—Large, cut or on cards.....	Per gross 1.00
No. D—1 1-2 inch wide.....	Per gross 1.60
Sun Duplex or Climax.....	Per gross 2.00
Duplex (regular).....	Per gross 3.00
Rochester.....	Per gross 5.00
Royal.....	Per gross 9.00

## Oil Stove Wick

3 1-2 inch.....	Per gross pieces \$5.50
4 inch.....	Per gross pieces 6.00
4 1-2 inch.....	Per gross pieces 6.50
5 inch.....	Per gross pieces 7.00

One-quarter gross in a package.

Cotton Candle or Miners' Wick  
IN BALLS.

Cotton Candle or Miners' Wick.....	Per pound \$0.45
Five or ten pounds in a package.....	

## Lamp Chimneys

## Crimp Top

No. 0—Six dozen in a case.....	Per dozen \$0.48
No. A—Eight dozen in a case.....	Per dozen .50
No. B—Six dozen in a case.....	Per dozen .70

## Quaker Flint

No. 0—Six dozen in a case.....	Per dozen \$0.65
No. A—Eight dozen in a case.....	Per dozen .65
No. B—Six dozen in a case.....	Per dozen .80
Rochester Flint Chimneys.....	Per dozen 1.40

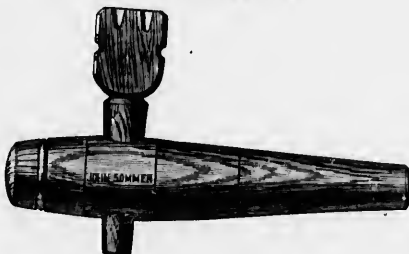
## Lantern Globes

Ordinary Tubular Lantern Globes, clear glass.....	Per dozen \$0.35
Ordinary Tubular Lantern Globes, RUBY.....	Per dozen 3.75
Bull's Eye Tubular Lantern Globes.....	Per dozen 2.30
Railroad Lantern Globes.....	Per dozen 2.00

Inch  
Per dozNos.  
Inch  
Per dozenNos.  
Inch  
Per dozen  
REDLICK

WOOD FAUCETS

Universal



Inch .....	8	9
Per dozen .....	\$1.80	2.40

Cork Lined



Nos. ....	4	6	8
Inch .....	8	9	10
Per dozen .....	\$0.75	.90	1.05



**DIPLOMA & MEDAL awarded Sept. 27, 1876**

By the U. S. Centennial Comm. of Philadelphia

For the excellence of

**REDLICH'S WARRANTED FAUCETS**

To the Redlich Man'g Co. Chicago.

Redlich's  
Warranted  
Faucets.

**These FAUCETS are fully saturated with  
INDIA RUBBER and absolutely perfect.**

Nos. ....	2	3	4
Inch .....	8	8 1-2	9 1-2
Per dozen .....	\$1.30	1.45	1.75
REDLICH'S Faucets, 16 inch, for ice chests .....			Per dozen \$4.25

0  
1.00

A  
1.05

B  
1.50

Per dozen \$1.00

Per gross \$0.40

Per gross .50

Per gross .70

Per gross 1.00

Per gross 1.60

Per gross 2.60

Per gross 3.00

Per gross 5.60

Per gross 9.00

Per gross pieces \$5.50

Per gross pieces 6.00

Per gross pieces 6.50

Per gross pieces 7.00

Per pound \$0.45

Per dozen \$0.48

Per dozen .50

Per dozen .70

Per dozen \$0.65

Per dozen .65

Per dozen .89

Per dozen 1.40

Per dozen \$0.50

Per dozen 3.75

Per dozen 2.30

Per dozen 2.00

WINE FAUCETS



No. 323 1/2.  
FAST KEY.



No. 325 1/2.  
LOOSE KEY.

No. 323 1-2—Fast Metal Key, Varnished

Nos .....	0	1	3	4
Length, inch.....	6 1-2	7	8 1-2	9
Per dozen.....	\$1.15	1.20	1.75	2.05

No. 325 1-2—Loose Metal Key, Varnished

Nos .....	0	1	3	4
Length, inch.....	6 1-2	7	8 1-2	9
Per dozen.....	\$1.30	1.50	1.95	2.40

Half dozen in a package.

Bottle Corkers



No. 350—Varnished Maple Bottle Corkers, zinc lined ..... Per dozen \$5.00  
Half dozen in a package.

Champagne Taps



No. 20430. 1 Inch Screw (not full length as shown in cut).  
No. 20430—Nickel-plated Champagne Taps..... Per dozen \$9.00

Horse Shoe Magnets



Inch.....	3	4	5	6	8
Per dozen.....	\$1.90	2.75	3.75	5.25	9.00

Inch...  
Per do.

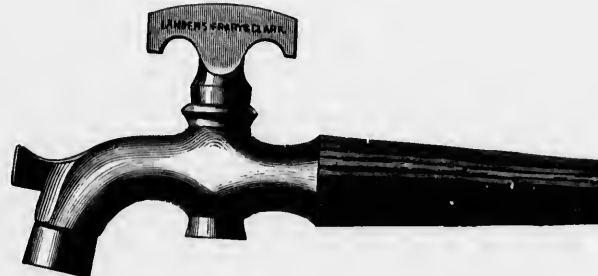
Inch....  
Per dozen



**BRASS RACKING COCKS**

**Fast Key to Drive**

Yellow Metal.

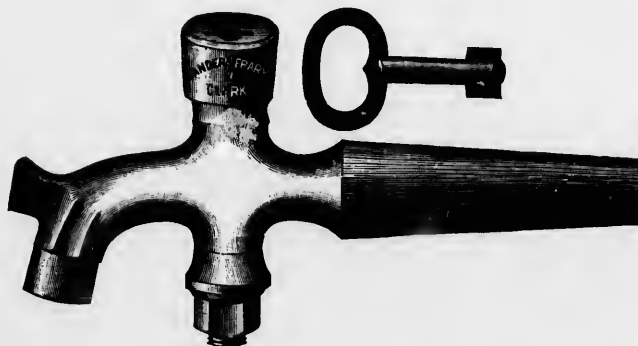


Inch.....	<b>3-8</b>	<b>1-2</b>	<b>5-8</b>	<b>3-4</b>	<b>7-8</b>	<b>1</b>	<b>1 1-3</b>
Per dozen .....	\$6.00	8.00	9.50	12.00	17.25	23.50	33.00

..... Per dozen \$5.00

**Loose Key to Drive**

Yellow Metal.



Inch.....	<b>3-8</b>	<b>7-16</b>	<b>1-2</b>	<b>5-8</b>
Per dozen .....	\$6.75	8.10	9.00	9.50

Half dozen in a box or package.

**6** **8**  
5.25 9.00

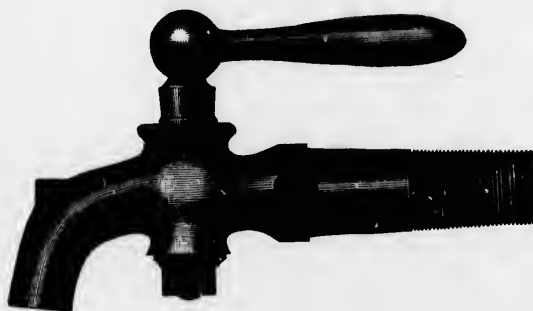
## MOLASSES AND OIL GATES



## STEBBINS' PATTERN.

No.	Bore, inch	Per dozen
1.....	13-16	\$ 7 00
2.....	7-8	8 00
3.....	11-4	9 00
4.....	13-8	10 00
5.....	11-2	12 00

Half dozen in a box.



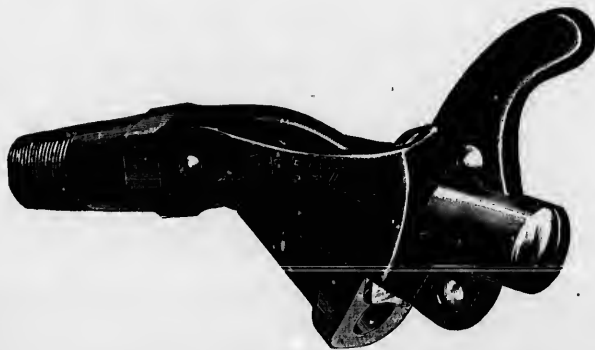
## Petroleum Faucets

Japanned.

Lever Handle, Screw Shank, Key bushed with Brass.

Bore, inch.....	1-2	5-8	3-4	1
Per dozen.....	\$ 5.75	6.00	7.00	8.25

1-2 inch, one dozen in a box ; other sizes, half dozen.

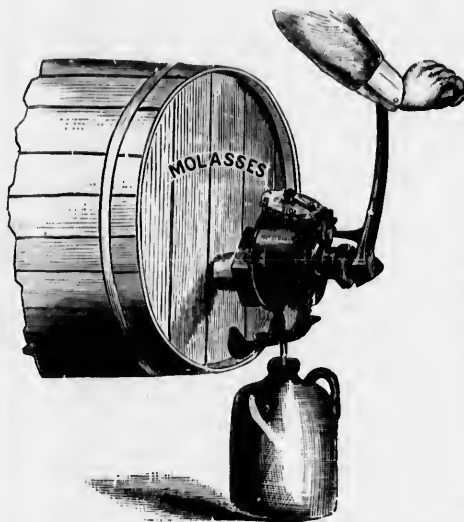


## Perfection Faucets

Japanned.

1-2 inch bore.....	Per dozen	\$ 9.50
3-4 inch bore.....	Per dozen	12.00
1 inch bore.....	Per dozen	14.00
1 1-4 inch bore.....	Per dozen	16.50
1 1-2 inch bore.....	Per dozen	20.00
2 inch bore.....	Per dozen	28.00
3 inch bore.....	Per dozen	36.00

Half dozen in a box.



Inspected and Stamped.

**VICTOR MEASURING FAUCETS**

Patented.

These are the only Measuring Faucets allowed to be used by authority of the Dominion Government.

They can be applied to a barrel as easily as any other faucet or gate and are so constructed that a certain amount of liquid is forced through the faucet at every revolution of the handle, whether the liquid be thick or thin, hot or cold. Every faucet bears the stamp of the Dominion Government.

They will measure correctly in any quantity from 1-2 gill upwards.

Japanned,

Index Dial Painted Red, Figures Bronzed.

Each ..... \$5.00

**Enterprise Cheese Cutter**

Self Gauging.

This machine obviates the hard labor of cutting with a hand knife. It is not designed to cut mathematically correct as to weight, but, if a pound or more is wanted, the customer can be accommodated with ONE piece which will be within a fraction of the desired weight, instead of giving two or three pieces, or leaving small pieces to dry out. It is beautifully finished in colors, with gilt ornamentation, and is of handsome appearance. The blade is tinned.

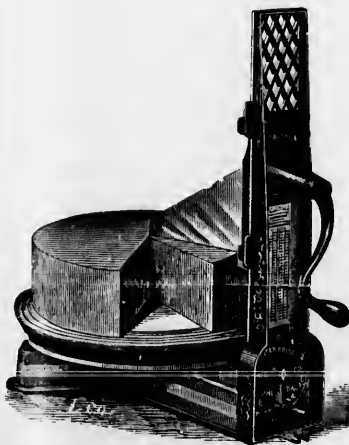
**DIRECTIONS FOR USE.**—The cheese is first weighed and placed on the platform. By referring to the scale or table posted on the column supporting the knife, you will find opposite the number representing the weight of the cheese the number of times the SMALL CRANK has to be turned to measure off a pound; then by turning the LARGE CRANK, the knife blade descends, cutting evenly, clearly and easily, and a pound is cut off by a single stroke.

Without Cover

Each ..... \$15.00

With Cover

Each ..... 19.50



PATTERN.  
Each ..... Per dozen  
\$ 7.00  
8.00  
9.00  
10.00  
12.00

Each  
Thank, Key bushed with brass.  
1-2 5-8 3-4 1  
5.75 6.00 7.00 8.25  
in a box; other sizes.  
dozen.

Each  
Japanned.  
e. .... Per dozen \$ 9.50  
e. .... Per dozen 12.00  
e. .... Per dozen 14.00  
e. .... Per dozen 16.50  
e. .... Per dozen 20.00  
e. .... Per dozen 25.00  
e. .... Per dozen 35.00  
dozen in a box.

## BUNG STARTERS



No. 700

Made from selected timber. Well oiled.

No. 700—Hickory Bung Starters.....Per dozen \$4.50

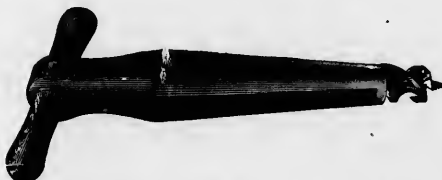
## Cooper's Hoop Drivers



Made from selected timber. Well oiled.

No. 681—Hickory Hoop Drivers, with iron rings.....Per dozen \$5.00

## Tap or Bung Borers



To sharpen the Stock or Reamer, file the inside of Slot only.

No. 1—Boring from 5-8 to 1 1-2 inches.....	Each	\$2.25
No. 2—Boring from 1 1-8 to 2 inches.....	Each	3.00
No. 3—Boring from 1 1-2 to 3 inches.....	Each	4.50



No. 4677.—Cast Steel

Inch.....	1 1 4	1 1-2	2
Per dozen.....	\$8.50	9.00	13.50

Half dozen in a package.

NAIL PULLERS



Style of Nos. 1079 and C1402.

- No. 1079—Samson Nail Puller..... Each \$1.65  
 Scranton Nail Puller, heavy cast head..... Each 2.25  
 No. C1402—Wynns' Nail Puller..... Each 3.25

Box Scrapers



Double Handle.

- No. 12—5 inch blade, white handle, side rivetted..... Per dozen \$7.50  
 Half dozen in a box.

Box Scrapers



Single Handle.

Ship Scrapers



Single Handle.

- Box Scrapers, Single Handle  
 No. 1—Cast steel, 3 3/4 inch blade..... Per dozen \$6.75
- Ship Scrapers  
 Ship Scrapers, cast steel, 5 inch blade, socket handle..... Per dozen 5.50  
 Half dozen in a box or package

Box Chisels



Wrought Iron, Steel Faced, Japanned.

- No. 72—Whole length, 12 inches..... Per dozen \$4.75  
 Half dozen in a box.

.....Per dozen \$4.50

.....Per dozen \$5.00

..... Each \$2.25  
 ..Each 3.00  
 ..Each 4.50

1 1-2 2  
 9.00 13.50

**CAST STEEL COLD CHISELS**

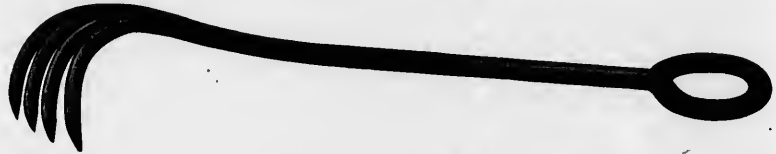


Solid Cast Steel, Octagon.

Inch .....	<b>1-2</b>	<b>5-8</b>	<b>3-4</b>	<b>7-8</b>	<b>1</b>
Per dozen .....	\$1.20	2.00	2.75	3.75	4.25

Half dozen in a box.

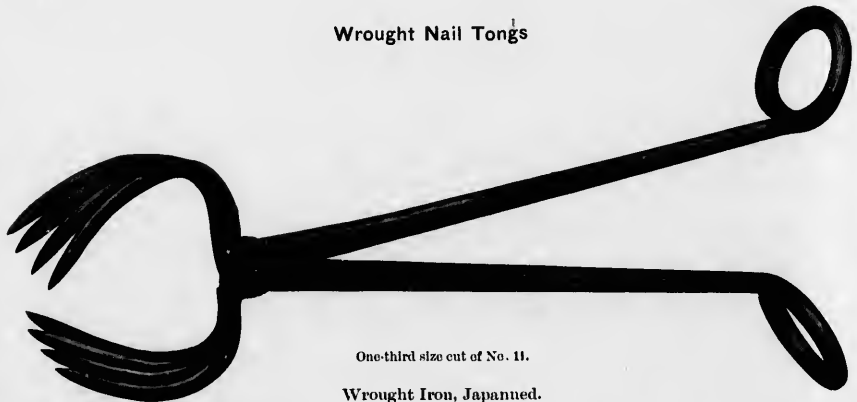
**Wrought Nail Claws**



Wrought Iron, Japanned.

No. 1—Wrought Nail Claws, japanned..... Per dozen \$8.25

**Wrought Nail Tongs**



One-third size out of No. 11.

Wrought Iron, Japanned.

No. 11—Wrought Nail Tongs, japanned..... Per dozen \$18.00

Loose, not packed.

**Box or Cotton Hooks**



Half size out of No. 2.

No. 2—Cast steel, polished black handle, 8 inches ..... Per dozen \$3.75  
One dozen in a box.

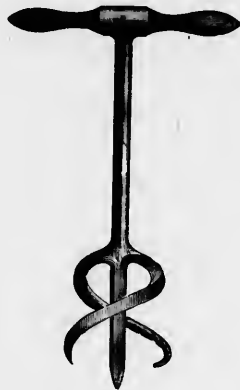
3 prong

Malleab

No. 620  
No. 617  
No. 620  
No. 620

No. 625  
No. 627  
No. 627

FRUIT AUGERS



3 prong, malleable iron, tinned, wood handle..... Per dozen \$ 12.00

Fish Forks



Malleable iron, tinned..... Per dozen \$10.50

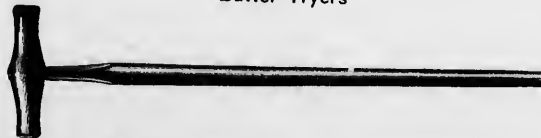
Cheese Tryers



No. 620 1-2—6 inch, polished cast steel, 1-2 inch wide..... Per dozen \$ 3.50  
 No. 617 —6 inch, polished cast steel, tapered 9-16 to 3-4 inch..... Per dozen 5.75  
 No. 620 N —5 inch, cast steel, nickel plated, 1-2 inch wide..... Per dozen 4.25  
 No. 620 N —6 inch, cast steel, nickel plated, 1-2 inch wide..... Per dozen 4.50

Half dozen in a box.

Butter Tryers



No. 625 N —9-4 x 20 inch, ring handle, cast steel, nickel plated..... Per dozen \$16.00  
 No. 627 1-2 —5-8 x 18 inch, wood T handle, cast steel, polished..... Per dozen 9.00  
 No. 627 1-2 N—1 x 18 inch, wood T handle, cast steel, nickel plated..... Per dozen 18.00

Half dozen in a package.

7-8 1  
 3.75 4.25

..... Per dozen \$8.25

..... Per dozen \$18.00

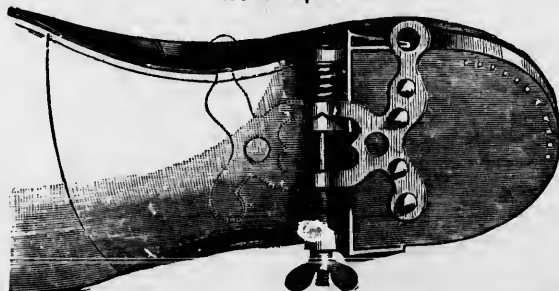
..... Per dozen \$3.75

PEG BREAKS.



- |         |   |                    |
|---------|---|--------------------|
| No. 12. | Cast Steel.....   | Per Dozen, \$ 5.50 |
| No. 15. | Cast Steel, Adjustable.....                                 | Per Dozen, 8.50    |
| No. 50. | Counter Peg Break, Adjustable, with Last and Clinchers..... | Per Dozen, 30.00   |
| No. 50. | Extra Cutters.....  | Per Dozen, 13.50   |

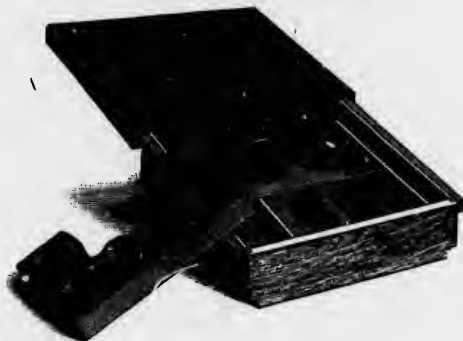
PACKED AS WANTED.  
Ice Creepers.



"Rival," Reversible.....Per Dozen Pairs, \$2.00  
ONE DOZEN PAIRS IN A BOX.



TUCKER'S ALARM TILLS



No. 2.

No. 2—Stained front, plain coin tray, 4 1-2 x 18 1-2 inch front, 16 1-2 inches deep..... Per dozen \$24.00  
Half dozen in a crate.

Japanned Cash Boxes



Inches.....			
Per dozen.....	9	10	12
	\$13.50	15.75	17.25

Adjustable Stove Trucks



Patented July 6th, 1880. Improved June, 1892.

Wrought Iron Frame, with Malleable Iron Clamps and Thumb Screws. Mounted on Martin's Double Wheel Casters.  
Full Spread, 24 x 36 inches. Carries stove four inches from floor.

"The Daisy" Stove Truck..... Per dozen \$33.00

The "Improved Adjustable"

Round Steel Rods. Malleable Iron Fittings. Mounted on Martin's Double Wheel Casters.  
Adjusts 18 x 24 to 30 x 40 inches, 2 1-2 inches high.

Per dozen..... \$30.00

Half dozen in a crate.

er Dozen, \$ 5.50  
er Dozen, 8.50  
er Dozen, 30.00  
er Dozen, 13.50

dozen Pairs, \$2.00

TOBACCO CUTTERS



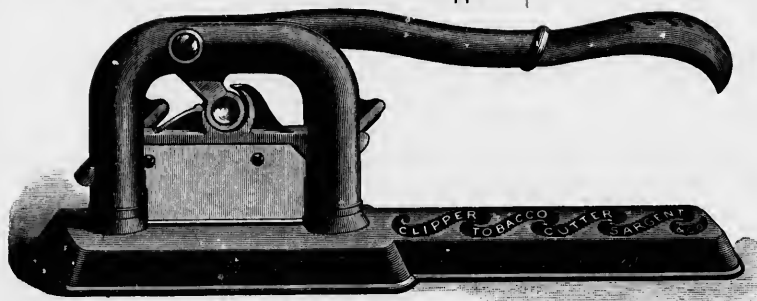
One-third size cut of No. 2.

Clipper

No. 2

Tuscan Bronzed, Polished Blade

Per dozen ..... \$9.00

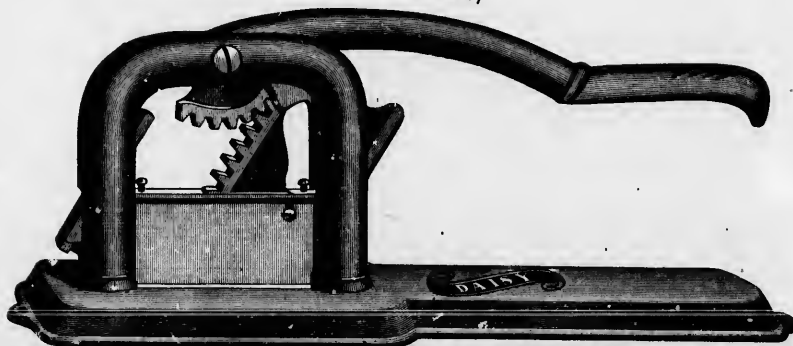


One-third size cut. Whole length is 16 inches.

Bronzed and Ornamented

No. 12—Clipper, size of opening 7-8 x 3 1/4 inches ..... Per dozen \$21.00

Daisy



One-third size cut. Whole length is 17 1/4 inches. Patented.

Bronzed and Ornamented, with Gauge

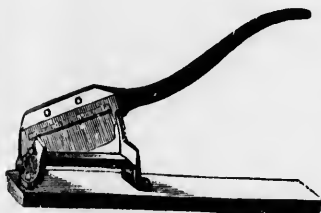
No. 21—Daisy, size of opening 1 3/4 x 4 inches ..... Per dozen \$24.00

No. 4  
No. 14

No. 15

No. 2-1

**TOBACCO SHAVES**



Japanned. 3 Inch Knife

Per dozen.....\$5.25

For Shaving Fine Cut from Plug for Smoking in Pipes.

One-third dozen in a package.

**Boot Jacks**



One-third size cut of Nos. 4 and 11.

**Beetle Pattern**

No. 4—Japanned ..... Per dozen \$3.25  
 No. 11—Bronzed ..... Per dozen 3.75



One-third size cut No. 15.

No. 15—Berlin Bronzed..... Per dozen \$3.00  
 Half dozen in a package.

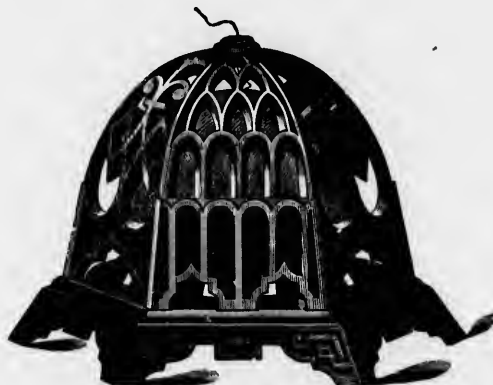
**Cork Pressers**



Half size cut.

No. 2—Japanned..... Per dozen \$2.75  
 One-third dozen in a package.

## TWINE BOXES



Half size out of No. 76. Patented.

Berlin Bronzed.

No. 76—Berlin Bronzed.....Per dozen \$7.50

One-sixth dozen in a box.



Half size out of No. 13

Patent Catch.

No. 13—Copper Bronzed.....Per dozen \$2.50

Half dozen in a box.



Half size out of No. 43. Patented.

Copper Bronzed.

No. 43—Copper Bronzed.....Per dozen \$6.75

One-sixth dozen in a box.

PAPER CLIPS



Full size cut of No. 40.

No. 40.

Berlin Bronzed.

Per dozen .....\$1.10

No. 50.

With Pins.

No. 50—Berlin Bronzed..... Per dozen \$1.65

No. 55.

With Pins and Screw Holes in Back Plate.

Packed with Screws.

No. 55—Berlin Bronzed..... Per dozen \$1.90

One dozen in a box.



Full size cut of No. 55.

Paper File Hooks



Half size cut of No. 24. Patented.

No. 24—Tuscan Bronzed... Per dozen \$0 60

One dozen in a box.

Paper Files

No. 37.

Berlin Bronzed.

Per dozen.....\$1.60

One dozen in a box.



Half size cut of No. 37. Patented.

..... Per dozen \$7.50

ented.

zed.

..... Per dozen \$6.75

n a box.

**CLIMAX WAREHOUSE AND BAGGAGE TRUCK**

A combination suitable for boxes, barrels and bags, or for moving baggage in hotels.

Never place points of truck under barrel or box.



Points will hold load from sliding or rolling in any direction.

The advantages of this Truck over all others on the market are, it is so constructed it will handle successfully boxes, barrels, and bags equally as well as trucks designed for each special purpose. Having but one handle, it can be used to advantage where a two-handle Truck would be useless, especially around ends of counters, or in a crowded room. The points are a decided improvement over the old style flat nose, for with them it is not necessary to push box or barrel over from truck to place them under, thereby causing an unnecessary lift to load.

NEVER PLACE POINTS UNDER BARREL OR BOX, but pull the same over to the Truck until it is on a balance, as in cut. Now run Truck as far as it will go; let barrel or box rest on Truck and it is loaded, points naturally coming three to six inches from bottom and catching and holding load from sliding or rolling off in any direction. When handling bags, turn swinging nose, which is held in place by springs, over on points to protect bag.

It is small and may be kept in any corner and out of the way, where it will be convenient and scarcely seen. Occupies, when not in use, only 8 x 12 inches floor room. Is 3 1-2 feet long, 1 foot wide and weighs only 13 pounds, yet it is so constructed that it is very strong, and has been thoroughly tested. The old style truck, on account of the size, is usually kept in the cellar or warehouse, and is frequently more trouble to go after than to move the goods by hand.

This Combination Truck is just the truck for store, mill or granary, and the reasonable price at which it is sold brings it within the reach of all.

Each ..... \$1.65

**Dandy Truck**



Mounted on patent caster, with floor cup.

Strong and durable.

Can be used for moving barrels, boxes or bales, and by fastening floor cup to floor, forms a first class barrel swing underneath counter.

Occupies little space and can be hung against the wall when not in use.

Each..... \$1.65

No. 1.  
No. 2.  
No. 3.  
No. 4.

No. 1-W

Length 3 f

WAREHOUSE TRUCKS



	Length.	Width.	Diameter of Wheels.	
No. 1.....	4 feet 4 inches	1 foot 7 inches	6 inches	Each \$ 0.00
No. 2.....	4 feet 8 inches	1 foot 9 inches	8 inches	Each 12.00
No. 3.....	4 feet 11 inches	2 feet	10 inches	Each 16.00
No. 4.....	5 feet 4 inches	2 feet	11 inches	Each 20.00

Bag Trucks



No. 1.

For handling small boxes, kegs, bags or packages.

No. 1—With Concave Cross Bars and Cast Iron Nose Plate, length 3 ft. 7 in., diameter of wheels 6 in..... Each \$3.50

The Handy

Length 3 ft. 10 in., diameter of wheels 6 in..... Each \$2.25

hotels.  
 ers on the market are, it  
 oxes, barrels, and bags  
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 nds of counters, or in a  
 rovement over the old  
 ry to push box or barrel  
 y causing an unneces-  
 on Box, but pull the  
 ce, as in cut. Now run  
 rest on Truck and it is  
 nches from bottom and  
 ng off in any direction,  
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 mer and out of the way,  
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 2 feet long, 1 foot wide  
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 The old style truck, on  
 ar or warehouse, and is  
 ove the goods by hand.  
 : for store, mill or gran-  
 old brings it within the

.....\$1.65

forms a first class barrel

\$1.65

## CHAMPION SCALES

Manufactured by CHAMPION SCALE CO., Hamilton, Ont.

Complete Descriptive List of all classes of Scales sent on application.

With Iron Weights, complete.



With Tin Scoop.

## Even Balance Scale

WITH SIDE BEAM.

	Price.	Stamping
Capacity, 1-4 oz. to 4 lbs. ....	\$5.00	.50
Capacity, 1-4 oz. to 10 lbs. ....	7.50	.50

NOTE.—The 4-lb. Scales are packed six in a box, without extra charge for boxing. If ordered less than six in a box an extra charge of 15 cents per scale will be made for boxing.



## Union Scale

WITH TIN SCOOP.

	Price.	Stamping
Capacity, 1-2 oz. to 240 lbs. ....	\$11.00	.50



## Platform Scale

WITH WHEELS.

	Price.	Stamping
Capacity, 600 lbs. ....	\$28.00	1.00
Capacity, 1200 lbs. ....	35.00	1.00



PORTABLE PLATFORM SCALES

WITH BRASS SLIDING POISE AND HEAVY BEVEL EDGE PLATFORM.



Without Wheels

New Nos.	Old Nos.	Capacity	Platform	Price	Stamping
20	11 1-2	400 lbs.	21 x 15 in.	\$23.00	\$0.75
22	11	600 lbs.	25 x 16 in.	27.00	1.00
24	10 1-2	1000 lbs.	26 x 17 in.	32.00	1.00
26	10	1200 lbs.	28 x 19 in.	36.00	1.00
28	9	1500 lbs.	28 x 21 in.	41.00	1.00
30	8	2000 lbs.	31 x 24 in.	46.00	1.00
32	7	2500 lbs.	31 x 24 in.	53.00	1.50

Pillar Braces on Nos. 9, 8, 7.

With Wheels

New Nos.	Old Nos.	Capacity	Platform	Price	Stamping
34	11 1-2	400 lbs.	21 x 15 in.	\$26.00	\$0.75
36	11	600 lbs.	25 x 16 in.	30.00	1.00
38	10 1-2	1000 lbs.	26 x 17 in.	35.00	1.00
40	10	1200 lbs.	28 x 19 in.	40.00	1.00
42	9	1500 lbs.	28 x 21 in.	45.00	1.00
44	8	2000 lbs.	31 x 24 in.	51.00	1.00
46	7	2500 lbs.	31 x 24 in.	58.00	1.50

Pillar Braces on Nos. 9, 8, 7.

With Wheels and Drop Lever

New Nos.	Old Nos.	Capacity	Platform	Price	Stamping
48	10 1-2	1200 lbs.	26 x 17 in.	\$42.00	\$1.00
50	10	1500 lbs.	28 x 19 in.	48.00	1.00
52	9	2000 lbs.	28 x 21 in.	55.00	1.00
54	8	2500 lbs.	31 x 24 in.	62.00	1.50
56	7	3000 lbs.	31 x 24 in.	70.00	1.50

Pillar Braces on all sizes.



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4.  
Price. Stamping  
\$5.00 .50  
7.50 .50  
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ss than six in a box an  
e made for boxing.

P.  
Price. Stamping  
\$11.00 .50

Price. Stamping  
\$28.00 1.00  
35.00 1.00

## DORMANT WAREHOUSE SCALE

TWO IRON PILLARS.



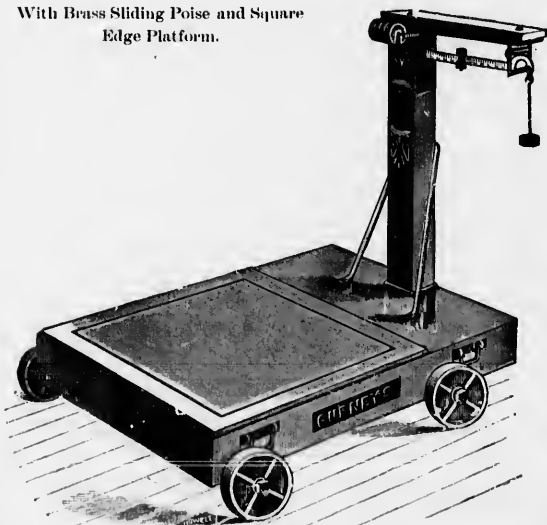
Single Beam, with Sliding Poise and Graduated Counterpoise

No.	Capacity.	Size of Platform.	Price.	Stamping.
440	3000 lbs.	40 x 31 in.	\$115.00	\$1.50
441	4000 lbs.	48 x 42 in.	130.00	1.50
442	5000 lbs.	48 x 48 in.	160.00	2.00

Double Beam, with Sliding Poises and Graduated Counterpoise.

No.	Capacity.	Size of Platform.	Price.	Stamping.
445	3000 lbs.	40 x 31 in.	\$121.00	\$1.50
446	4000 lbs.	48 x 42 in.	136.00	1.50
447	5000 lbs.	48 x 48 in.	168.00	2.00

With Brass Sliding Poise and Square Edge Platform.



Portable Warehouse Scale

WITH WHEELS.

New No.	Old No.	Capacity.	Platform.	Price.	Stamping.
66	1	5000 lbs.	48 x 48 in.	\$140.00	\$2.00
68	4	4000 lbs.	42 x 44 in.	110.00	1.50
70	5	3000 lbs.	31 x 40 in.	95.00	1.50
72	7	2500 lbs.	25 x 34 in.	85.00	1.50
74	9	2000 lbs.	21 x 31 in.	65.00	1.00

WITHOUT WHEELS.

New No.	Old No.	Capacity.	Platform.	Price.	Stamping.
70	1	5000 lbs.	48 x 48 in.	\$130.00	\$2.00
78	4	4000 lbs.	42 x 44 in.	100.00	1.50
80	5	3000 lbs.	31 x 40 in.	90.00	1.50
82	7	2500 lbs.	25 x 34 in.	80.00	1.50
84	9	2000 lbs.	21 x 31 in.	60.00	1.00

Millers' and Grain Dealers' Scale

With Brass Sliding Poise

WITH WHEELS.

No.	Capacity.	Platform.	Price.	Stamping.
57	1500 lbs.	36 x 30 in.	\$65.00	\$1.00
58	1500 lbs.	42 x 30 in.	75.00	1.00
60	2000 lbs.	42 x 30 in.	80.00	1.00

WITHOUT WHEELS.

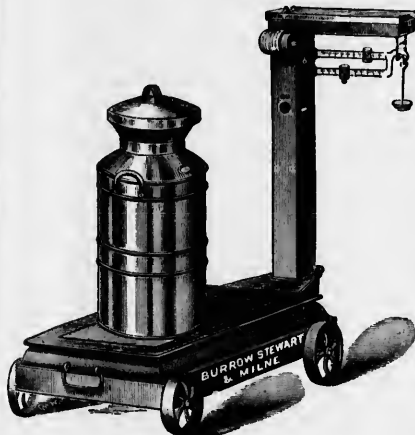
No.	Capacity.	Platform.	Price.	Stamping.
61	1500 lbs.	36 x 30 in.	\$60.00	\$1.00
62	1500 lbs.	42 x 30 in.	70.00	1.00
64	2000 lbs.	42 x 30 in.	75.00	1.00

No. 360-361-

No. 215-216-220-221-225-226-230-231-

**DAIRY SCALE**

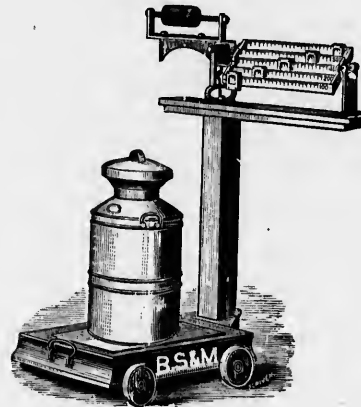
Double Beam, with Sliding Poises



WITHOUT WHEELS.

No.	Capacity.	Size of Platform.	Price.	Stamping.
360	— 600 lbs.	25 x 16 inches	\$30.00	\$1.00
361	— 1000 lbs.	26 x 18 inches	35.00	1.00

**Five Beam Dairy Scale**



WITH WHEELS.

This Scale has a Compound Beam for weighing and registering separately the different quantities of milk as they are poured into the can, thus saving much time and trouble. No weights are used, as the weighing is all done with the poises.

No.	Capacity.	Price.	Stamping.
368	— 600 lbs.	\$48.00	\$1.00

g Poises and Graduated poise.

Platform.	Price.	Stamping.
1 in.	\$121.00	\$1.50
2 in.	136.00	1.50
8 in.	168.00	2.00

**Warehouse Scale**

WITH WHEELS.

Platform.	Price.	Stamping.
48 x 48 in.	\$140.00	\$2.00
42 x 44 in.	110.00	1.50
31 x 40 in.	95.00	1.50
25 x 34 in.	85.00	1.50
21 x 31 in.	65.00	1.00

WITHOUT WHEELS.

Platform.	Price.	Stamping.
48 x 48 in.	\$130.00	\$2.00
42 x 44 in.	100.00	1.50
31 x 40 in.	90.00	1.50
25 x 34 in.	80.00	1.50
21 x 31 in.	60.00	1.00

**Union or Family Scale**



WITH SINGLE BEAM.

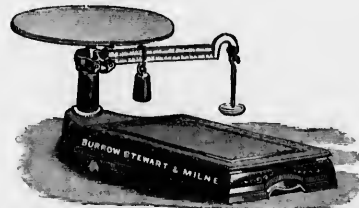
No.	Capacity.	Price.	Stamping.
215	— 1/2 to 240	Tin Scoop, notched beams	\$12.00 \$0.50
216	— 1/2 to 240	Brass " " "	13.00 .50
220	— 1/2 to 240	Tin Scoop, sliding poise	13.00 .50
221	— 1/2 to 240	Brass " " "	14.00 .50

WITH DOUBLE BEAM.

225	— 1/2 to 240	Tin Scoop, notched beams	13.00 .50
226	— 1/2 to 240	Brass " " "	14.00 .50
230	— 1/2 to 240	Tin Scoop, sliding poises.	15.00 .50
231	— 1/2 to 240	Brass " " "	16.00 .50

**Union Meat Scale**

With Round or Square Porcelain Plate



WITH SINGLE BEAM.

No.	Capacity.	Price.	Stamping.
235	— 1/2 to 240	With notched beam	\$14.00 \$0.50
236	— 1/2 to 240	With sliding poise.	15.00 .50

WITH DOUBLE BEAM.

240	— 1/2 to 240	With notched beam	15.00 .50
241	— 1/2 to 240	With sliding poises	17.00 .50

**Grain Dealers' Scale**

With Sliding Poise

WITH WHEELS.

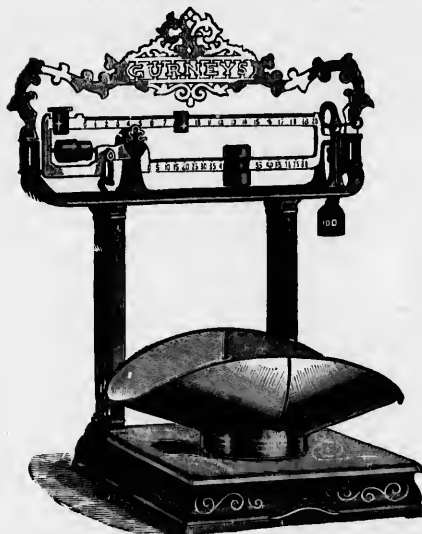
Platform.	Price.	Stamping.
6 x 30 in.	\$65.00	\$1.00
2 x 30 in.	75.00	1.00
2 x 30 in.	80.00	1.00

WITHOUT WHEELS.

Platform.	Price.	Stamping.
6 x 30 in.	\$60.00	\$1.00
2 x 30 in.	70.00	1.00
2 x 30 in.	75.00	1.00

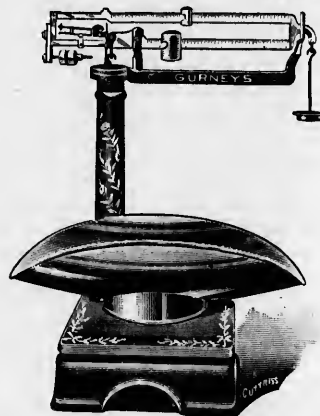
**CANADIAN COUNTER SCALE**

Nickel-Plated Beams and Sliding Poises



**DOMINION COUNTER SCALE**

With Patent Automatic Scoop Balance



Nickel-Plated Beam, Poises and Scoop Balance

Double Beam, marked on both sides

Capacity, 210 lbs. by oz.

Size of platform, 14 in. long: 11 in. wide

**Canadian Counter Scale**

No. 514	—1 oz. to 200 lbs., platform 12 x 15 inches, brass scoop	.....	Each \$29.00	Stamping \$0.50
No. 515	—1 oz. to 200 lbs., platform 12 x 15 inches, tin scoop	.....	Each 28.00	Stamping .50
No. 515 1-2	—1 oz. to 200 lbs., platform 12 x 15 inches, without scoop	.....	Each 27.00	Stamping .50

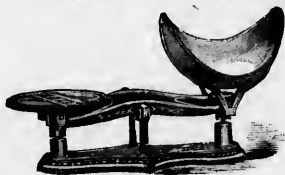
**Dominion Counter Scale**

The Automatic Scoop Balance is now offered for the first time, and every grocer who uses it will find it a great saving in time, and it will also obviate liability to error. When scoop is placed on the platform, the ball on back end of beam automatically rolls to the right, thus balancing scale with scoop on, and when scoop is taken off scale, the ball rolls to the left balancing scale without scoop.

With large brass scoop, each \$30.00. Stamping, \$0.50.

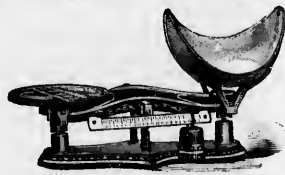
**Even Balance Scale**

Without Side Beam, with Iron Weights Complete



**Even Balance Scale**

With Brass Side Beam, with Iron Weights Complete



WITH TIN SCOOP.				
New Nos.	Old Nos.	Capacity.	Price.	Stamping.
306	1	1-4 oz. to 10 lbs.	\$6.60	\$0.75
308	2	1-4 oz. to 6 lbs.	5.40	.70
310	3	1-4 oz. to 4 lbs.	4.20	.50
WITH BRASS SCOOP.				
318	1	1-4 oz. to 10 lbs.	\$7.80	\$0.75
320	2	1-4 oz. to 6 lbs.	6.40	.70
322	3	1-4 oz. to 4 lbs.	5.10	.50

WITH TIN SCOOP.				
New Nos.	Old Nos.	Capacity.	Price.	Stamping.
330	1	1-4 oz. to 10 lbs.	\$7.50	\$0.50
332	2	1-4 oz. to 6 lbs.	6.00	.45
334	3	1-4 oz. to 4 lbs.	4.80	.30
WITH BRASS SCOOP.				
342	1	1-4 oz. to 10 lbs.	\$8.70	\$0.50
344	2	1-4 oz. to 6 lbs.	7.00	.45
346	3	1-4 oz. to 4 lbs.	5.70	.30

New Nos. 354 356 358

366 368 370

Nos. Cup oz. 474—½ lb. 476—½ lb. 478—½ lb. 480—½ lb.



WINTER SCALE

atic Scoop Balance



es and Scoop Balance

ed on both sides

lbs. by oz.

long; 11 in. wide

\$29.00 Stamping \$0.50  
28.00 Stamping .50  
27.00 Stamping .50

uses it will find it a great  
form, the ball on back end  
is taken off scale, the ball

ce Scale

Iron Weights Complete



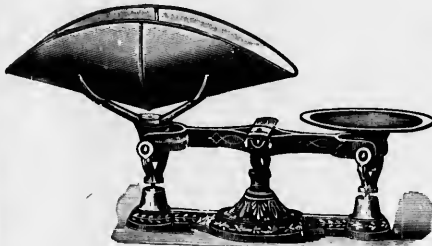
SCOOP.

	Price.	Stamping
os.	\$7.50	\$0.50
os.	6.00	.45
os.	4.80	.30
SCOOP.		
os.	\$8.70	\$0.50
os.	7.00	.45
os.	5.70	.30

GROCERS' SCALES

Grocers' Trip Scale

Without Side Beam



WITH TIN SCOOP.

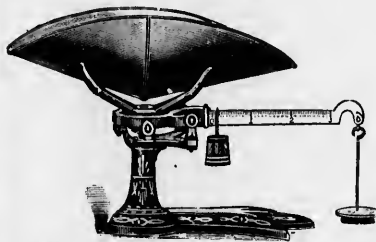
New Nos.	Old Nos.	Capacity.	Price.	Stamping.
354	1	¼ oz. to 17 lbs.	\$ 8.50	\$0.80
356	2	¼ oz. to 10 lbs.	6.40	.75
358	3	¼ oz. to 6 lbs.	5.40	.70

WITH BRASS SCOOP.

New Nos.	Old Nos.	Capacity.	Price.	Stamping.
366	1	¼ oz. to 17 lbs.	\$10.00	.80
368	2	¼ oz. to 10 lbs.	7.60	.75
370	3	¼ oz. to 6 lbs.	6.30	.70

Grocers' Scale

With Single Beam

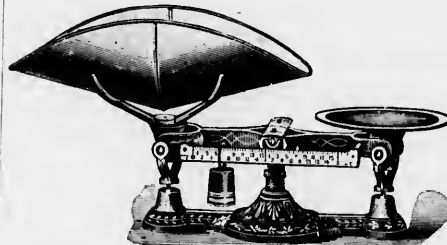


Nos.	Capacity, oz. lbs.		Price.
474	½ to 62	with Tin Scoop, notched beam....	\$11.00
476	½ to 62	with Brass Scoop, notched beam..	12.00
478	½ to 62	with Tin Scoop, sliding poise.....	12.00
480	½ to 62	with Brass Scoop, sliding poise...	13.00

Stamping, \$0.50.

Grocers' Trip Scale

With Side Beam



WITH TIN SCOOP.

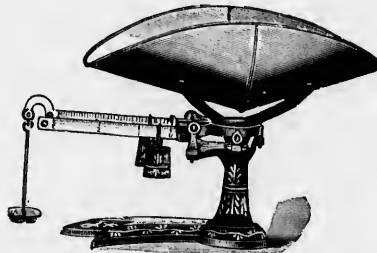
New Nos.	Old Nos.	Capacity.	Price.	Stamping.
378	1	¼ oz. to 17 lbs.	\$ 9.90	\$0.55
380	2	¼ oz. to 10 lbs.	7.50	.50
382	3	¼ oz. to 6 lbs.	6.30	.45

WITH BRASS SCOOP.

New Nos.	Old Nos.	Capacity.	Price.	Stamping.
390	1	¼ oz. to 17 lbs.	\$11.40	.55
392	2	¼ oz. to 10 lbs.	8.70	.50
394	3	¼ oz. to 6 lbs.	7.20	.45

Grocers' Scale

With Double Beam



Nos.	Capacity, oz. lbs.		Price.
482	½ to 62	with Tin Scoop, notched beam....	\$12.00
484	½ to 62	with Brass Scoop, notched beam..	13.00
486	½ to 62	with Tin Scoop, sliding poise.....	14.00
488	½ to 62	with Brass Scoop, sliding poise...	15.00

Iron Weights

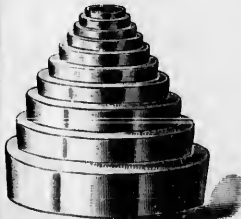
Stamping Extra, 5 cents net for each weight.

SEPARATE WEIGHTS.

½, 1, 2 and 4 oz. each	.....\$0.13
½ lb. each	..... .25
1 lb. each	..... .25
2 lb. each	..... .35
3 lb. each	..... .45
4 lb. each	..... .55
5 lb. each	..... .65

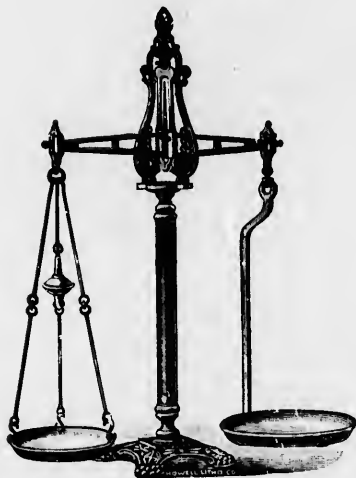
SETS.

½ lb. to ½ oz.	.....\$0.75
1 lb. to ½ oz.	..... 1.00
2 lbs. to ½ oz.	..... 1.25
3 lbs. to ½ oz.	..... 1.50
4 lbs. to ½ oz.	..... 1.90
5 lbs. to ½ oz.	..... 2.30



## STANDARD TEA SCALE

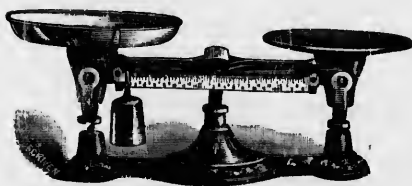
Without Weights



With Brass Standard, Beautifully Finished.

New Nos.	Old Nos.	Capacity.	Height of Standard.	Price.	Stamping.
490	2	7 lbs.	31 in.	\$20.00	\$0.30
492	1	12 lbs.	36 in.	23.00	.30

## Grocers' Tea Scale



With Iron Weights and Brass Dish.

New Nos.	Old Nos.	Capacity.	Price.	Stamping.
396	1	$\frac{1}{4}$ oz. to 17 lbs., without side beam	\$10.00	\$0.50
398	2	$\frac{1}{4}$ oz. to 10 lbs., without side beam	7.60	.50
400	3	$\frac{1}{4}$ oz. to 6 lbs., without side beam	6.30	.45
402	1	$\frac{1}{4}$ oz. to 17 lbs., with side beam ...	11.40	.50
404	2	$\frac{1}{4}$ oz. to 10 lbs., with side beam ...	8.70	.50
406	3	$\frac{1}{4}$ oz. to 6 lbs., with side beam ...	7.20	.45

## BUTTER OR MEAT TRIP SCALE



With Iron Weights, Complete.

WITH TWO IRON PLATES.

New Nos.	Old Nos.	Capacity.	Price.	Stamping.
414	1	$\frac{1}{4}$ oz. to 17 lbs., without side beam	\$ 8.50	\$0.80
416	2	$\frac{1}{4}$ oz. to 10 lbs., without side beam	6.40	.75
418	3	$\frac{1}{4}$ oz. to 6 lbs., without side beam	5.10	.70
420	1	$\frac{1}{4}$ oz. to 17 lbs., with side beam ...	9.90	.50
422	2	$\frac{1}{4}$ oz. to 10 lbs., with side beam ...	7.50	.50
424	3	$\frac{1}{4}$ oz. to 6 lbs., with side beam ...	6.30	.45

WITH BRASS PLATE AND IRON PLATE.

426	1	$\frac{1}{4}$ oz. to 17 lbs., without side beam	9.70	.80
428	2	$\frac{1}{4}$ oz. to 10 lbs., without side beam	7.30	.75
430	3	$\frac{1}{4}$ oz. to 6 lbs., without side beam	6.20	.70
432	1	$\frac{1}{4}$ oz. to 17 lbs., with side beam ...	11.10	.50
434	2	$\frac{1}{4}$ oz. to 10 lbs., with side beam ...	8.40	.50
436	3	$\frac{1}{4}$ oz. to 6 lbs., with side beam ...	7.20	.45

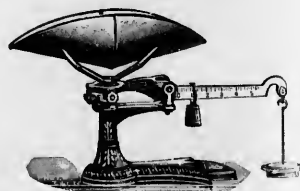
WITH PORCELAIN PLATE AND IRON PLATE.

438	1	$\frac{1}{4}$ oz. to 17 lbs., without side beam	11.20	.80
440	2	$\frac{1}{4}$ oz. to 10 lbs., without side beam	8.40	.75
442	3	$\frac{1}{4}$ oz. to 6 lbs., without side beam	6.80	.70
444	1	$\frac{1}{4}$ oz. to 17 lbs., with side beam ...	12.60	.50
446	2	$\frac{1}{4}$ oz. to 10 lbs., with side beam ...	9.60	.50
448	3	$\frac{1}{4}$ oz. to 6 lbs., with side beam ...	7.80	.45

WITH PORCELAIN PLATE AND BRASS PLATE.

450	1	$\frac{1}{4}$ oz. to 17 lbs., without side beam	12.30	.80
452	2	$\frac{1}{4}$ oz. to 10 lbs., without side beam	9.30	.75
454	3	$\frac{1}{4}$ oz. to 6 lbs., without side beam	7.60	.70
456	1	$\frac{1}{4}$ oz. to 17 lbs., with side beam ...	13.70	.50
458	2	$\frac{1}{4}$ oz. to 10 lbs., with side beam ...	10.50	.50
460	3	$\frac{1}{4}$ oz. to 6 lbs., with side beam ...	8.60	.45

## Druggists' Scale



No.	Capacity.	Price.	Stamping.
494	1 drachm to 8 lbs., Tin Scoop ...	\$10.00	\$0.50
498	1 drachm to 8 lbs., Brass Scoop..	11.00	.50

No. 528  
No. 530No. 524—C  
No. 526—S

AT TRIP SCALE



ts, Complete.

ON PLATES.

	Price.	Stamp- Inc.
out side beam	\$ 8.50	\$0.80
ut side beam	6.40	.75
ut side beam	5.40	.70
side beam ...	9.90	.50
side beam ...	7.50	.50
side beam ...	6.30	.45

AND IRON PLATE.

ut side beam	9.70	.80
ut side beam	7.30	.75
ut side beam	6.20	.70
side beam ...	11.10	.50
side beam ...	8.40	.50
side beam ...	7.20	.45

E AND IRON PLATE.

ut side beam	11.20	.80
ut side beam	8.40	.75
ut side beam	6.80	.70
side beam ...	12.60	.50
side beam ...	9.60	.50
side beam ...	7.80	.45

E AND BRASS PLATE.

ut side beam	12.30	.80
ut side beam	9.30	.75
ut side beam	7.60	.70
side beam ...	13.70	.50
side beam ...	10.50	.50
side beam ...	8.60	.45

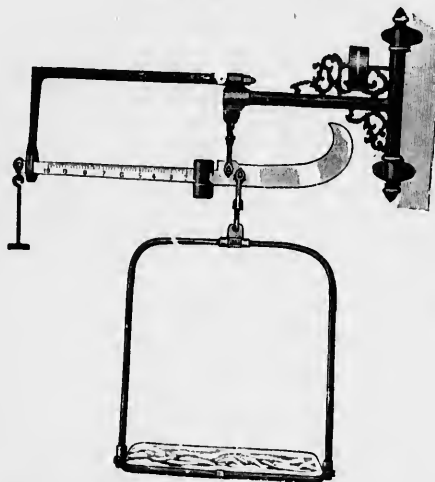
Scale



	Price.	Stamping
Scoop ...	\$10.00	\$0.50
ss Scoop..	11.00	.50

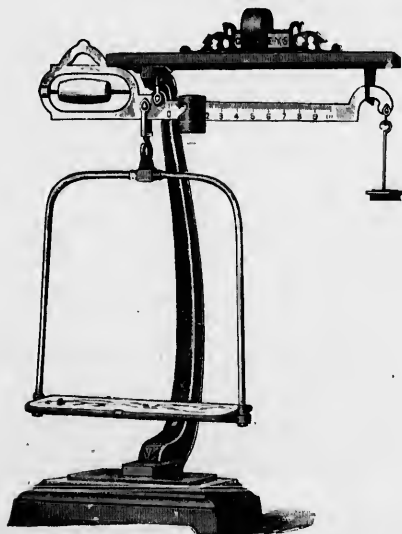
BUTCHER SCALES

With Brass Beam and Sliding Poise



- No. 528—Capacity 50 lbs., with porcelain plate ..... Each \$15.00 Stamping \$0.50  
 No. 530—Capacity 50 lbs., with tin dish ..... Each 14.00 Stamping .50

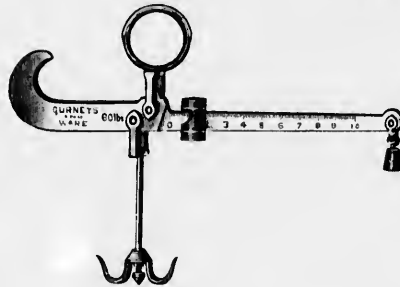
With Brass Beam and Sliding Poise



- No. 524—Capacity 50 lbs., with porcelain plate, brass beam with balance ..... Each \$17.00 Stamping \$0.50  
 No. 526—Same Scale, except with beam as shown with Scale No. 529..... Each 16.00 Stamping .50

PEDLER OR BUTCHER BEAM

Brass Beam with Sliding Poise

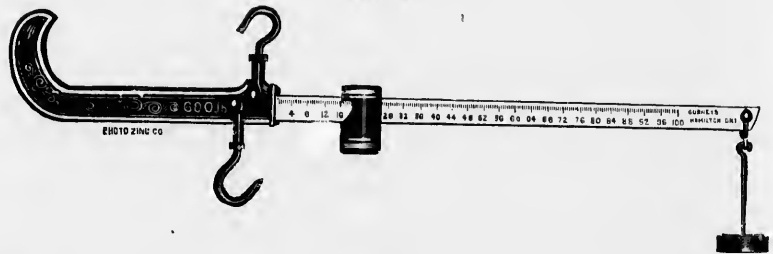


- No. 538—Capacity 25 lbs. To weigh by hand..... Price \$ 6.00
- No. 540—Capacity 50 lbs. To weigh by hand..... Price 7.00
- No. 542—Capacity 60 lbs. To weigh by hand..... Price 8.00
- No. 544—Capacity 100 lbs. To weigh by hand..... Price 10.00
- No. 546—Capacity 25 lbs. With wagon attachment.. Price 7.00
- No. 548—Capacity 50 lbs. With wagon attachment.. Price 8.00
- No. 550—Capacity 60 lbs. With wagon attachment.. Price 9.00
- No. 552—Capacity 100 lbs. With wagon attachment.. Price 11.00

Stamping, \$0.50.

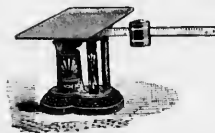
Improved Weigh Beams

Steel Bar

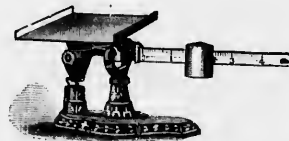


No.	Capacity.	Description.	Stamp- Price ing.
554	100 lbs.	80 lbs. engraved on beam, one 25 lb. counterpoise	\$4.10 \$0.50
556	150 lbs.	80 lbs. engraved on beam, one 25 lb. counterpoise, one 50 lb. weight	4.35 .50
558	200 lbs.	80 lbs. engraved on beam, one 25 lb. counterpoise, two 50 lb. weights	4.60 .50
560	250 lbs.	80 lbs. engraved on beam, one 25 lb. counterpoise, one 50 lb. weight, one 100 lb. weight	4.85 .50
562	300 lbs.	80 lbs. engraved on beam, one 25 lb. counterpoise, two 50 lb. weights, one 100 lb. weight	5.10 .50
564	350 lbs.	100 lbs. engraved on beam, one 100 lb. counterpoise, one 50 lb. weight, one 100 lb. weight	5.70 .50
566	400 lbs.	100 lbs. engraved on beam, one 100 lb. counterpoise, two 100 lb. weights	6.00 .50
568	500 lbs.	100 lbs. engraved on beam, one 100 lb. counterpoise, three 100 lb. weights	6.40 .50
570	600 lbs.	100 lbs. engraved on beam, one 100 lb. counterpoise, four 100 lb. weights	6.80 .75

Package and Postal Scales



- Capacity. Price.
- No. 532—1/4 to 8 oz. \$4.00
- No. 534—1/2 to 34 oz. 6.00



- Capacity. Price.
- No. 536—1/3 oz. to 4 lbs. \$9.00



- Capacity. Price.
- No. 537—1/2 oz. to 6 lbs. \$12.00

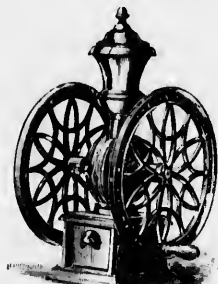
NOTE—Letter Scales do not require to be stamped.



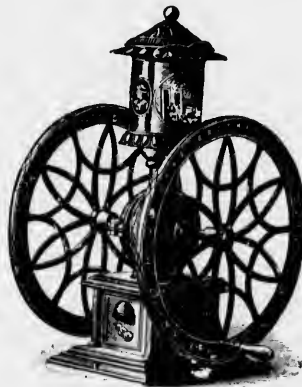
SWIFT COFFEE MILLS



Nos. 13, 14, 140.



Nos. 13½, 14½, 15½.



Nos. 15, 16, 18.

Nos. 13 1-2, 14 1-2 and 15 1-2, have nickel-plated Hoppers.  
Other Nos. have Hoppers finished in vermilion and gold.



Nos. 21, 28.

Nos.	Fly Wheels		Capacity Per Minute	List
	No. of	Diameter Inches		
12	1	9	1-2 lb.	\$ 2.50
12 1-2	2	9	1-2 lb.	3.50
13	2	12	3-4 lb.	5.00
14	2	15	1 lb.	8.00
14 1-2	2	15	1 lb.	12.00
140	2	17	1 1-4 lb.	12.00
15	2	20	1 1-2 lb.	15.00
15 1-2	2	20	1 1-2 lb.	20.00
16	2	24	1 3-4 lb.	20.00
18	2	30	2 lb.	28.00

ON STAND.

Nos.	Fly Wheels		Capacity Per Minute	Height Feet	List
	No. of	Diameter Inches			
24	2	30	2 lbs.	5 1-2	\$37.00
28	2	36	5 lbs.	5 10-12	65.00

Complete Illustrated List showing all sizes and patterns, sent on application.

by hand..... Price \$ 6.00  
by hand..... Price 7.00  
by hand..... Price 8.00  
by hand..... Price 10.00  
on attachment..Price 7.00  
on attachment..Price 8.00  
on attachment..Price 9.00  
on attachment..Price 11.00

50.



Stamp  
Ing.  
Price..... \$4.10 \$0.50  
..... 4.35 .50  
..... 4.60 .50  
0 lb. weight..... 4.85 .50  
00 lb. weight..... 5.10 .50  
00 lb. weight..... 5.70 .50  
..... 6.00 .50  
..... 6.40 .50  
..... 6.80 .75

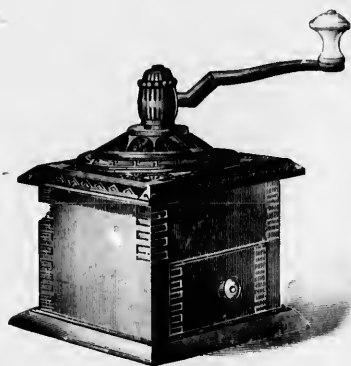


Double Beam  
Capacity..... Price.  
1-2 oz. to 6 lbs..... \$12.00  
weighing papers, periodicals, etc.

COFFEE MILLS



Style of Nos. 112 and 118.



Style of Nos. 400, 401 and 425.

- |   |                  |
|---|------------------|
| No. 118—Japanned Iron Hopper, dovetailed box .....                | Per dozen \$5.00 |
| No. 112—Britannia Metal Hopper, dovetailed box .....              | Per dozen 8.00   |
| No. 400—Iron Top, bronzed, dovetailed box .....                   | Per dozen 8.50   |
| No. 401—Iron Top, bronzed, dovetailed box, medium size .....      | Per dozen 9.25   |
| No. 425—Iron Top, bronzed, dovetailed box, extra large size ..... | Per dozen 13.50  |

Half dozen in a box.



Style Nos. 450 and 470.



Style of Nos. 70 and 135.

- |  |                  |
|--|------------------|
| No. 450—Side Mill, all iron .....                        | Per dozen 8 9.00 |
| No. 470—Side Mill, all iron, large size .....            | Per dozen 12.00  |
| No. 70—Side Mill, wood back .....                        | Per dozen 8.00   |
| No. 132—Side Mill, wood back, large size .....           | Per dozen 7.50   |
| No. 135—Side Mill, wood back (Old Wilson Improved) ..... | Per dozen 5.00   |

No. 135 one dozen in a box, other Nos. half dozen.

No. 825  
No. 725  
No. 825  
No. A 8  
No. 0

For grind  
No. 650—  
No. 750—

COFFEE MILLS



No. 722.



No. A 9. One Pound Mill.



No. 0. Enterprise.



No. 822. One Pound Mill.

- No. 722—Copper Bronzed, Lacquered Castings, box 6 1-4 x 6 x 5 inch..... Per dozen \$ 8.25
- No. 822—One Pound Mill, Copper Bronzed, Lacquered Castings ..... Per dozen 11.00
- No. A 9—Top and Swing Covers, stamped from heavy steel, lacquered..... Per dozen 11.50
- No. 0—Enterprise, with clamp, japanned and ornamented..... Each 2.25

Bone, Shell and Corn Mills



No. 650.



No. 750.

For grinding bones, shells, corn, roots, bark, chicken feed, etc. Regulated to grind coarse or fine by adjusting thumb screw near centre of fly wheel.

- No. 650—To attach to wall or post ..... Each \$11.50
- No. 750—On stand, height 17 1-4 inches..... Each 11.50



- ..... 400, 401 and 425.
- ..... Per dozen \$5.00
- ..... Per dozen 8.00
- ..... Per dozen 8.50
- ..... Per dozen 9.25
- ..... Per dozen 13.50

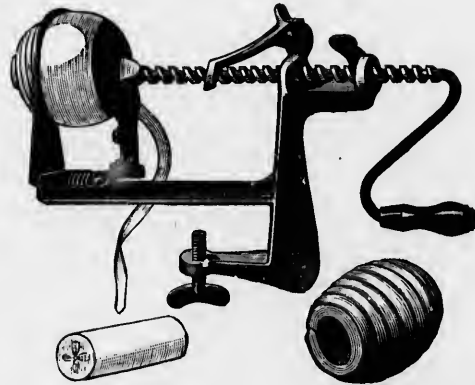


- ..... and 135.
- ..... Per dozen \$ 9.00
- ..... Per dozen 12.00
- ..... Per dozen 8.00
- ..... Per dozen 7.50
- ..... Per dozen 5.00

APPLE PARERS



THE HUDSON Rocking Table Apple Parer, with push off..... Per dozen \$8.25  
 • One dozen in a box.



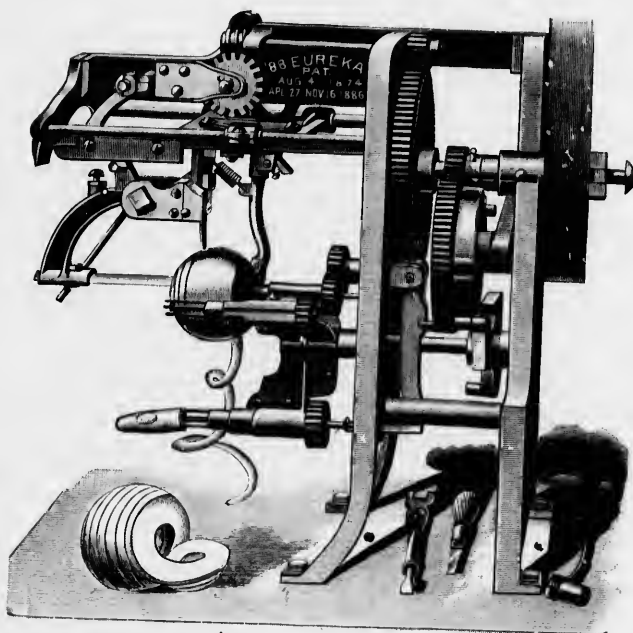
THE LITTLE STAR Combined Parer, Corer and Slicer ..... Per dozen \$8.00  
 One dozen in a box.

Parer  
 the capaci  
 rest—thro  
 Each.....  
 Extra  
 numbered  
 wanted, als  
 delay when

EUREKA

APPLE PARING, CORING AND SLICING MACHINE

FOR HAND OR POWER USE.



Pares, cores and slices 25 apples per minute. Can be used to pare and core without slicing; when so operated the capacity of the machine is limited only by the ability of the operator to put on the apples—the machine does the rest—throwing off the pared apple and core separately.

The Strongest, Fastest, Most Complete, and Finest Working Machine Made

Each..... \$40.00

Extra parts can be supplied to order. Most of the parts have their numbers cast on them. Those not so numbered are not likely to be confounded with any other part. In ordering give the number or name of the part wanted, also the number of the machine which is stamped on the metal plate. A little care in ordering may save delay when time is valuable.

..... Per dozen \$8.25

..... Per dozen \$8.00

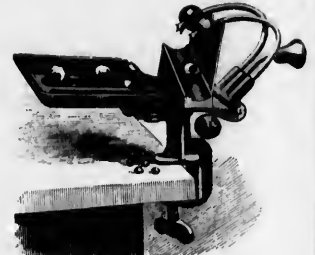
**CHERRY STONERS**



Nos. 1 and 2.



No. 12.



FAMILY. JAPANNED.

No. 1—Enterprise Cherry Stoner, japanned .....	Per dozen \$11 50
No. 2—Enterprise Cherry Stoner, tinned .....	Per dozen 11 00
No. 12—New Enterprise Cherry Stoner, tinned .....	Per dozen 18 50
Family Cherry Stoner, 2 prong, japanned .....	Per dozen 8 25

**Egg Beaters**



DOVER.



KEYSTONE.

Improved Dover Egg Beater .....	Per dozen \$ 2.35
No. 20—Keystone Egg Beater, glass jar, holds a quart (wine) and is graduated to 1-4, 1-2 and 1 pint. . .	Per dozen 21.00

MINCING KNIVES



No. 11.



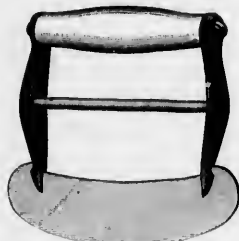
No. 55. Wood Handle.



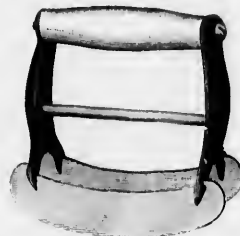
No. 33. Double Blade.

No. 11—Braced Shank, polished.....Per dozen \$0.90 | No. 55—Wood Handle, polished.....Per dozen \$2.50  
 No. 33—Double Blade, polished.....Per dozen \$1.25

Smith's Patent Wire Braced

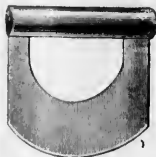


No. 1. Single Blade.

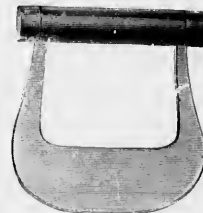
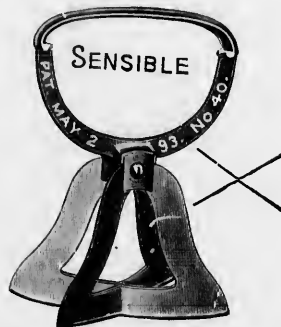


No. 2. Double Blade.

No. 1—Plain Handle, single blade.....Per dozen \$2.50 | No. 2—Plain Handle, double blade.....Per dozen \$3.50



ECLIPSE.



No. 21.

"Eclipse," all steel, polished.....Per dozen \$1.90  
 "Sensible," 4 blade, polished, japanned malleable handle.....Per dozen 2.25  
 No. 21 Hammered, cast steel, wood handle.....Per dozen 4.25

One dozen in a box.



JAPANNED.

.....Per dozen \$11.50  
 .....Per dozen 14.00  
 .....Per dozen 15.50  
 .....Per dozen 8.25

.....Per dozen \$ 2.25  
 d 1 pint...Per dozen 21.00

**MEAT CUTTERS**

Inside White Enamelled. Outside Japanned and Ornamented.

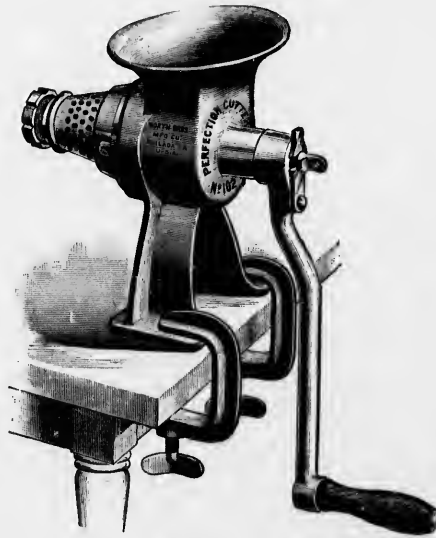


Size.....	R	S	SS	U	W	Z with wheel
Corresponds with Enterprise Nos.....	5	10	12	22	32	32
Each.....	\$1.50	2.25	1.88	3.00	4.50	5.50

Half dozen in a case.

**New Perfection Meat Cutters**

1894 Pattern.



WITH CLAMPS.

No. <b>101</b> —Galvanized, cuts one pound per minute.....	Each \$2.25
No. <b>102</b> —Galvanized, cuts two pounds per minute.....	Each 3.25

WITHOUT CLAMPS.

No. <b>0102</b> —Galvanized, cuts two pounds per minute.....	Each \$3.00
No. <b>0103</b> —Galvanized, cuts three pounds per minute.....	Each 4.75

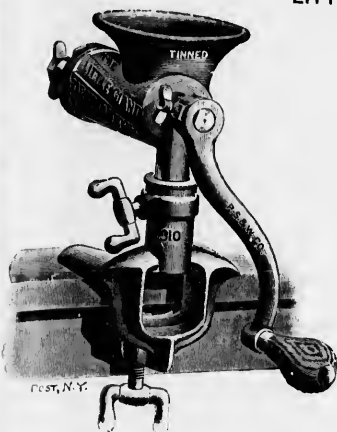
Half dozen in a case.

For N  
Per do  
  
Extra  
Each

No. 312  
No. 322



LITTLE GIANT MEAT CHOPPER



- No. 305—With clamp, weighs 5 1-4 lbs., cuts 1 1-2 lbs. per minute (without stuffer) ..... Per dozen \$24.00
- No. 310—With clamp, weighs 8 3-4 lbs., cuts 3 lbs. per minute (without stuffer) ..... Per dozen 36.00
- No. 320—With clamp, weighs 12 1-2 lbs., cuts 4 lbs. per minute (without stuffer) ..... Per dozen 54.00

Stuffer can be easily attached to any machine, but machines are not shipped with the stuffer attachment unless so ordered.

For No.	<b>310</b>	.....	<b>312</b>	.....	<b>320</b>	.....	<b>322</b>		
Per dozen	\$1.50	.....	4.50	.....	6.00	.....	6.00		
Stuffer Attachment, Extra									
Extra Knives				Extra Plates					
Extra knives	Nos. <b>310</b>	<b>312</b>	<b>320</b>	<b>322</b>	Extra plates	Nos. <b>310</b>	<b>312</b>	<b>320</b>	<b>322</b>
Each	\$0.30	.30	.50	.50	Each	\$0.50	.50	.75	.75



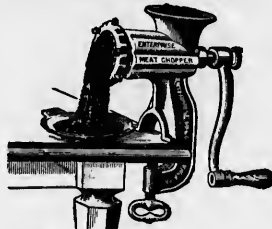
- No. 312—On feet, weighs 8 lbs., cuts 3 lbs. per minute ..... Per dozen \$30.00
  - No. 322—On feet, weighs 12 1-2 lbs., cuts 4 lbs. per minute ..... Per dozen 48.00
- Half dozen in a box.

W  
32  
4.50

Z with wheel  
32  
5.50

..... Each \$2.25  
..... Each 3.25  
..... Each \$3.00  
..... Each 4.75

**ENTERPRISE GALVANIZED MEAT CHOPPERS.**



- No. 5. Weight 4 $\frac{3}{4}$  Pounds, Chops  $\frac{3}{4}$  Pound Per Minute.....Each, \$2.00  
 No. 10. Weight 8 Pounds, Chops 1 Pound Per Minute.....Each, 3.00



- No. 12. Weight 7 Pounds, Chops 1 Pound Per Minute.....Each, \$2.50  
 No. 22. Weight 12 Pounds, Chops 2 Pounds Per Minute.....Each, 4 00  
 No. 32. Weight 18 Pounds, Chops 3 Pounds Per Minute.....Each, 6.00  
           HALF DOZEN IN A BOX.  
 No. 42. Weight 30 Pounds, Chops 5 Pounds Per Minute.....Each, 15.00  
           ONE-QUARTER DOZEN IN A BOX.

Can supply Extra Knives, Plates, etc., for above Machines.

**ENTERPRISE SAUSAGE STUFFING ATTACHMENTS.**



**For Enterprise Meat Choppers.**

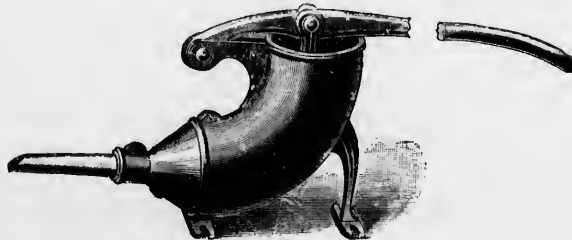
To Fit Choppers Nos.....	5	10	12	22	32
3-4 Inch, Per Dozen.....	\$3.75	4.50	4.50	6.00	7.25

**Enterprise Sausage Stuffers and Lard Presses.**



No. 5.	2 Quart, Japanned, Rack Movement .....	Each, \$3.00
No. 25.	4 Quart, Japanned, Screw Movement.....	Each, 5.00
No. 35.	8 Quart, Japanned, Screw Movement.....	Each, 8.50
Nos. 15 AND 25, HALF DOZEN IN A CASE; No. 35, QUARTER DOZEN.		

**Sausage Fillers.**



No. 1.	For Family Use.....	Each, \$1.60
No. 0.	For Butcher's Use.....	Each, 1.95

HALF DOZEN IN A CASE.

...Each, \$2.00  
...Each, 3.00

...Each, \$2.50  
...Each, 4.00  
...Each, 8.00

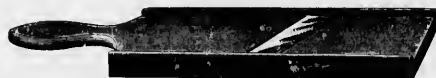
...Each, 15.00

## COMBINATION FRUIT WINE AND JELLY PRESS



Combination Fruit and Jelly Press, tinned..... Each \$4.50

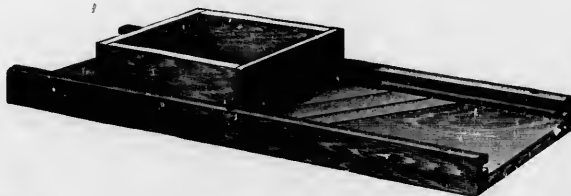
## Slaw Cutters



No. 0—Maple Wood Vegetable Cutter, 3 1-4 x 12 inches..... Per dozen \$3.00  
Six dozen in a box.



No. 100—One Knife, adjustable blade..... Per dozen \$3.25  
One dozen in a box.



No. 200—Two Knives, without box, adjustable blade..... Per dozen \$ 4.50

## Kraut Cutters

No. 2—Two Knives with box, 8 x 26 inches, adjustable blade..... Per dozen \$18.00  
One dozen in a box.

No. 2314  
No. 3705  
No. 3705  
No. 3705  
No. 2315  
No. 2315

Canadian

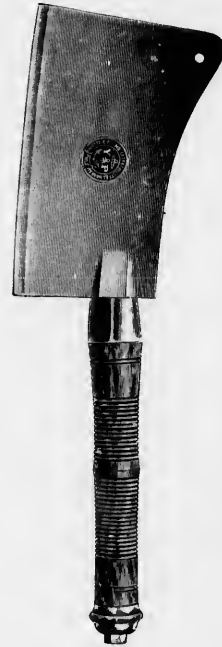
MEAT CHOPPERS



No. 0850.



No. 0332.



No. 821.  
and style of No. 3705.

Beef Splitters

Full Polished Blade, Wrapped Iron Handle

- No. 0850—15 inch handle, 11 inch blade ..... Each \$4.00  
 No. 0851—18 inch handle, 12 inch blade ..... Each 4.25

Butchers' Cleavers

Full Polished Blade, Wrapped Iron Handle

- No. 0832—8 inch blade ..... Per dozen \$22.50

Wood Handle, Polished Blade

Nos.....	821	822	823
Inch.....	8	9	10
Per dozen .....	\$23.00	26.00	29.00

Half dozen in a box.

German

- No. 2314—Round Black Enamelled Handle, 7 inch blade ..... Per dozen \$4.00  
 No. 3705—Round Handle, 8 inch blade ..... Per dozen 19.50  
 No. 3705—Round Handle, 9 inch blade ..... Per dozen 22.00  
 No. 3705—Round Handle, 10 inch blade ..... Per dozen 27.50  
 No. 2315—Oval Handle, tang full length of handle, 7 inch blade ..... Per dozen 12.00  
 No. 2315—Oval Handle, tang full length of handle, 8 inch blade ..... Per dozen 14.00

Canadian Butchers' Cleavers

- Canadian Butchers' Cleavers..... Per dozen 7.00  
 Half dozen in a box or package.

..... Each \$4.50

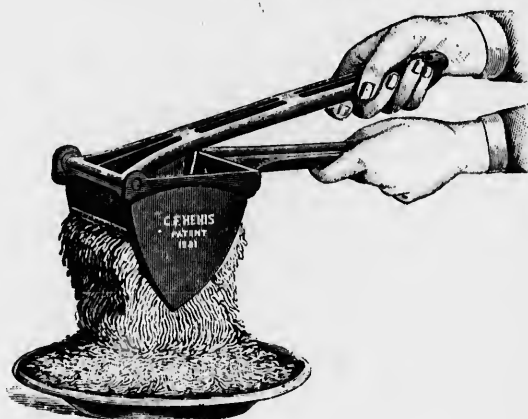
..... Per dozen \$3.00

..... Per dozen \$3.25

..... Per dozen \$ 4.50

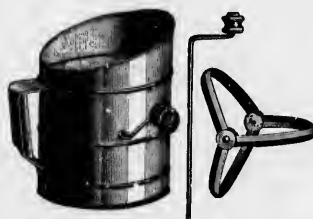
..... Per dozen \$18.00

FRUIT AND VEGETABLE PRESSES



Henis' Patent Fruit and Vegetable Presses, galvanized..... Per dozen \$6.00  
 Silver's Patent Fruit and Vegetable Presses, galvanized, round cup..... Per dozen 6.00  
 One dozen in a box.

Flour Sifters



Victor Flour Sifters ..... Per dozen \$3.00  
 One dozen in a box.

Nutmeg Graters



No. 4—Edgar's Patent Nutmeg Graters ..... Per dozen \$1.30  
 One dozen in a box.

No. 50

No. 50

Handl  
 Stand

Troy Po  
 Troy Po

MRS. POTTS' COLD HANDLE SAD IRONS



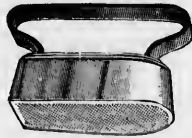
Full set consists of three Irons, one Handle and Stand.

- No. 55—Plain, polished ..... Per dozen sets \$1.10
- No. 50—Nickel-plated ..... Per dozen sets 1.65

Half dozen sets in a box.

- Handles, only, for Mrs. Potts' Sad Irons, black walnut..... Per dozen \$2.60
- Stands, only, for Mrs. Potts' Sad Irons ..... Per dozen 1.10

Troy Polishing Irons



With plain or perforated face.

Polished and Japanned.

- Troy Polishing Irons, plain face ..... Per dozen \$3.00
- Troy Polishing Irons, perforated face..... Per dozen 8.00

**SENSIBLE SAD IRONS**



Style No. 2.



**Sensible Sad Irons**

Set consists of three Irons (1 each 5, 6 and 7 lbs.), one Detachable Cold Handle and Stand.

Style Nos. 2 or 3

Plain .....	Per set \$1.10
Nickel-plated .....	Per set 1.65
Extra handles .....	Per dozen 2.00

When ordering state whether style No. 2 (Double Pointed) or No. 3 (Square End) are required.

Six sets in a box.

**Sensible Toy Sad Irons**

With Detachable Cold Handle.

Plain, weight 1 lb. each .....	Per dozen \$2.50
--------------------------------	------------------



TOY SAD IRON.



SAD IRONS



TAILORS' IRONS



Sad Irons

Nos. 5, 6, 7, 8, 9, 10 and 14—Polished and japanned..... Per pound \$0.05  
 Nos. 5, 6, 7, 8, 9, 10 and 14—Nickel-plated and bronzed..... Per pound .063/4

Tailors' Irons

12 to 30 lbs., polished and japanned..... Per pound \$0.07 1/2

Tailors' Charcoal Irons



No. 3.



No. 20.

No. 3—Single Flue, 7 x 3 3/4 inch, 7 1/2 lbs. each..... Each \$1.15  
 No. 20—Double Flue, large size, polished and japanned, weight 20 lbs..... Each 4.50

Detachable Cold Handle

..... Per set \$1.30  
 ..... Per set 1.45  
 ..... Per dozen 2.60

(nted) or No. 3 (Square

..... Per dozen \$2.50

THE ORIGINAL "KNOX" FLUTING MACHINE



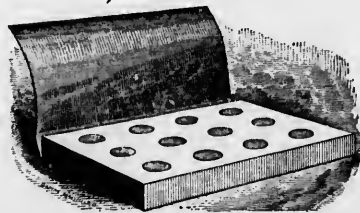
"Knox" Fluters, 6 inch, rolls, style No. 15 ..... Each \$7.50

Hand Fluters

GENEVA.

Geneva Hand Fluters, white metal base and rocker ..... Per dozen \$4.50

Laundry Wax Blocks



Sherwood's Laundry Wax Blocks ..... Per dozen \$3.00

One dozen in a box.

These blocks are so constructed that by simply rubbing the heated iron quickly over the top of the block it takes off all dirt or roughness, smooths up the iron, waxes it, and puts it in the best possible condition for use without wasting a bit of wax or burning the fingers. It is built up in layers so that when the top of the block becomes dirty or the wax exhausted, a layer can be pulled off and a fresh, new surface brought into use. Each successive layer can be removed in the same way, so that the entire block may be utilized.

No.  
No.  
No.  
No.  
Pigu  
Magi  
No.

Little  
B. pol

Pearl, 1  
No. 00

No. 5 or

CURLING IRONS



- No. 2249 1-2/6—Japanned wood handle, full length 8 inches . . . . . Per dozen \$0.45
- No. 2249 1-2/8—Japanned wood handle, full length 8 1-2 inches . . . . . Per dozen .55
- No. 3286/7 —Whitewood handle, full length 8 1-4 inches . . . . . Per dozen .55
- No. 3286/8 —Whitewood handle, full length 8 1-2 inches . . . . . Per dozen .65
- Pigmy, polished wood handle, full length 6 1-2 inches . . . . . Per dozen 1.05
- Magic, polished wood handle, full length 7 1-2 inches . . . . . Per dozen .75
- No. 100—Greelan, folding pocket, leather case . . . . . Per dozen 1.80

One dozen in a box.



- Little Princess, nickel-plated, antique oak handles, full length 7 3/4 inches . . . . . Per dozen \$1.05
- B, polished wood handle, full length 7 3/4 inches . . . . . Per dozen .85

One dozen in a box.



- Pearl, highly polished and nickel-plated, polished antique oak handles, full length 8 1-2 inches . . . . . Per dozen \$2.75
- No. 00—Paragon, nickel-plated, antique oak handles, full length 8 1-2 inches . . . . . Per dozen 1.65

One dozen in a box.

The spring being located at end of handle is not affected by heat, and will always retain its elasticity.

Hair Wavers



- No. 5 or 100—Oriental Waving Irons, polished and nickel-plated, 5 prongs, full length 10 3/4 inches . . . Per dozen \$3.00

One dozen in a box.

TRACING WHEELS



NO. 10 TRACING WHEEL.

- No. 10—Bright, whitewood handle..... Per dozen 80 65
- No. 950—Bright, polished black handle..... Per dozen 75
- No. 3061—Bright, polished black handle..... Per dozen 75

One dozen in a box.



No. 951.



No. 3062.

- No. 951—Bright, polished black handle..... Per dozen 81 10
- No. 3062—Bright, polished black handle, double wheel..... Per dozen 1 35
- No. 3059—Bright, polished black handle, double wheel..... Per dozen 2 50
- No. 6105—Bright, polished black handle, double wheel..... Per dozen 2 75

One dozen in a box.



No. 11. Adjustable.

Can be adjusted to any width.

- No. 11—Bright, polished black handle..... Per dozen 81.75

One dozen in a box.

Pinking Irons



Diamond Tooth.

Oval Pattern, Scollop or Diamond Teeth.

Inch .....	3-6	1-2	5-6	3-4	7-8	1	1 1/4
Per dozen .....	\$1.35	1.35	1.35	1.35	1.35	1.35	2.75

One dozen in a box.

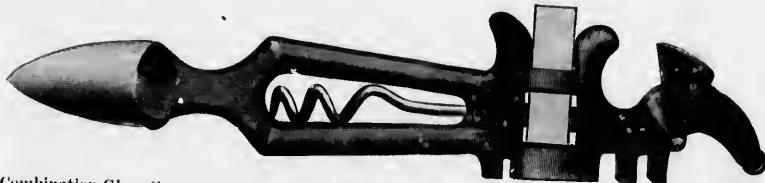
GLASS CUTTERS



No. 13—Combined Glass Cutter and Putty Knife ..... Per dozen \$1.25  
 One dozen in a box.



No. XXX—Ebonized Wood Handle, loose head, on same principle as glazier's diamond ..... Per dozen \$2.25  
 One in a paper tube. One dozen in a box.



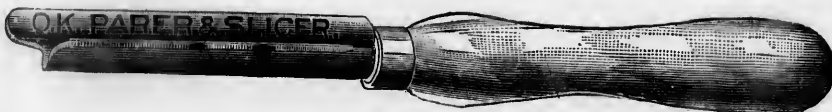
No. 10—Combination Glass Cutter, Can Opener, Knife and Scissors Sharpener and Corkscrew ..... Per dozen \$1.50  
 One dozen in a box

Glaziers' Diamonds



No. 2—Crown Diamond	.....	Each	\$ 6.75
No. 3—Crown Diamond	.....	Each	8.25
No. 4—Sheet Diamond	.....	Each	9.75
No. 5—Plate Diamond	.....	Each	13.50
No. 6—Sheet Diamond, to close up	.....	Each	9.00
No. 9—Sheet Diamond, with rack	.....	Each	10.50
No. 12—Diamond and Rack, to close up, brass sides	.....	Each	8.00

O. K. Parer and Slicer



For paring Fruit and Vegetables.

O. K. Parer and Slicer ..... Per dozen \$1.00  
 One dozen in a box.

..... Per dozen 80 65  
 ..... Per dozen 75  
 ..... Per dozen 75  
  
 ..... Per dozen \$1 10  
 ..... Per dozen 1.35  
 ..... Per dozen 2.50  
 ..... Per dozen 2.75

..... Per dozen \$1.75  
  
 ..... Per dozen 1.35  
 ..... Per dozen 2.75

## FLY TRAPS



Balloon Fly Traps ..... Per dozen \$2.40

One dozen in a box.

## Wire Dish Covers

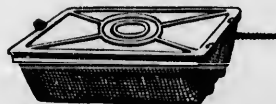


Round Wire Dish Covers

Set of five, 6, 7, 8, 9 and 10 inches ..... Per set \$

## Oval Wire Dish Covers

## Corn Poppers



Corn Poppers, square ..... Per dozen \$1.65

**SELF-WRINGING MOPS**



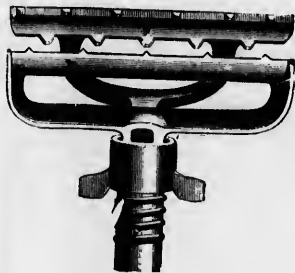
Self-Wringing Mops ..... Per dozen \$5.25

One dozen in a bundle.

**Mop Cloths**

Cotton Mop Cloths ..... Per dozen \$2.75

One dozen in a bundle.



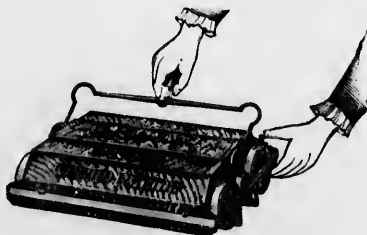
**Combination Mop and Brush Holder**

4 feet handles.

No. 2—Copper bronzed, stained handle ..... Per dozen \$1.80

One dozen in a bundle.

**Carpet Sweepers**



Mahogany finish, hand decorated, with automatic reversible bail, broom action, spring dumping device, rubber tires and buffer.

The Grand Rapids ..... Per dozen \$36.00

One dozen in case.

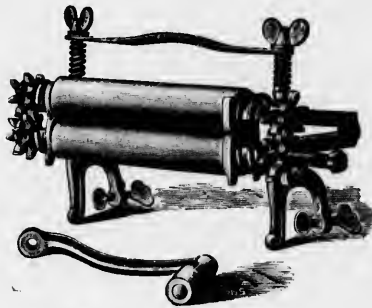
Rubber Rings for Grand Rapids Sweepers ..... Per dozen \$1.80

Rubber Bands for Grand Rapids Sweepers ..... Per dozen 8.00

**CLOTHES WRINGERS**

SOLID WHITE RUBBER ROLLS.

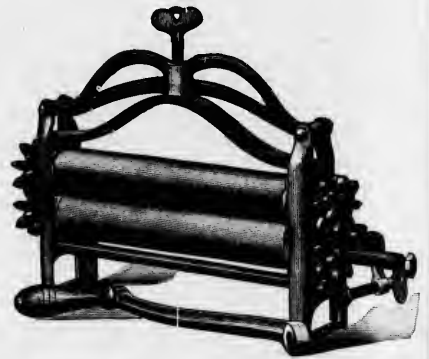
**New Eureka**



Malleable Iron. Galvanized.

NEW EUREKA, 10 inch rolls ..... Per dozen \$33.00  
 NEW EUREKA, 11 inch rolls ..... Per dozen 34.00

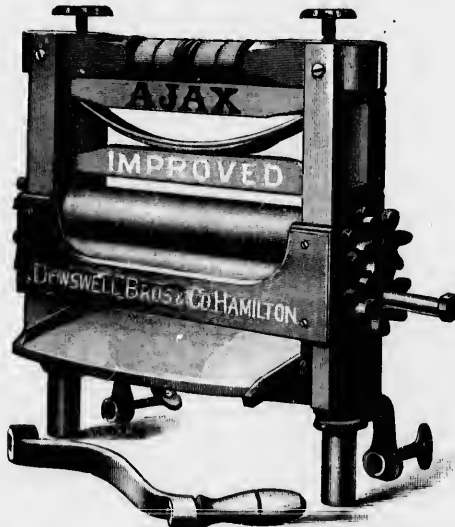
**Hamilton**



Malleable Iron. Galvanized.

HAMILTON, 13-4 x 11 inch rollers. .... Per dozen \$42.00

**Ajax**



AJAX, extra heavy, 2 1-4 x 14 inch rolls ..... Each \$9.75  
 Specially adapted for hotels and laundries.

**Handy Bench**



THE HANDY, 13-4 x 11 inch rolls, folding bench  
 Per dozen..... \$85.00

Bench folds at each side of Wringer, thus occupying  
 little space when not in use.



CLOTHES WRINGERS

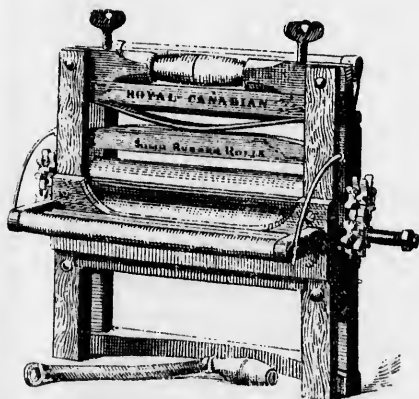
SOLID WHITE RUBBER ROLLS.

Ontario



THE ONTARIO, 1 3-4 x 11 inch rolls, easy running ..... Per dozen \$45.00

Royal Canadian



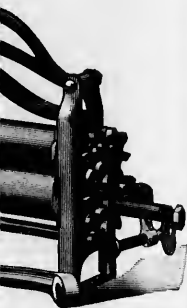
ROYAL CANADIAN, 1 3-4 x 11 inch rolls.  
Per dozen ..... \$39.00

Improved Royal Canadian



IMPROVED ROYAL CANADIAN, 1 3-4 x 11 inch rolls,  
patent tub fastening.  
Per dozen ..... \$39.00

ton



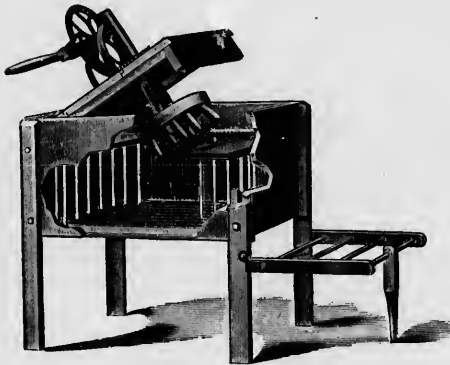
Galvanized.  
ollers..... Per dozen \$42.00

Bench

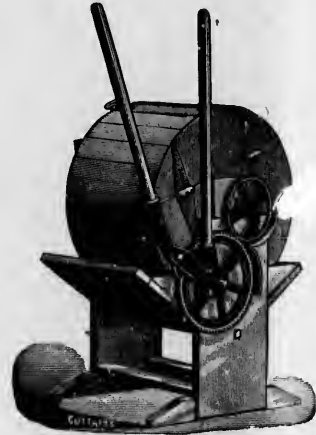


ench rolls, folding bench  
..... \$45.00  
Wringer, thus occupying  
en not in use.

WASHING MACHINES



The "New Leader"



The "Manitoba"

Washing Machines

"New Leader"

Handsomely painted..... Each \$6.25

This machine being closed while in operation prevents splashing and wetting of floors.

The "Manitoba"

The best Washer on the market for families, hotels and laundries.

No. 1—Family size..... Each \$10.00

We can supply this Washer large size, with double compartment for hotels and laundries, also in special large size to be run by power.

The "Dowsell"

Works easily, quickly and thoroughly..... Each \$4.50

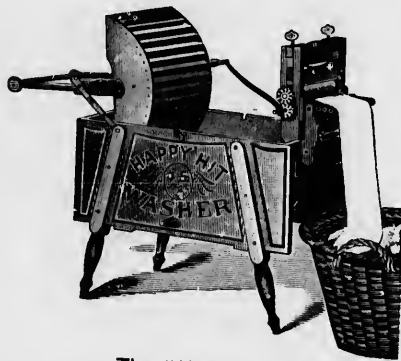


The "Dowsell"

HAPPY HIT V

ELECTRIC Wash  
lifter for ra

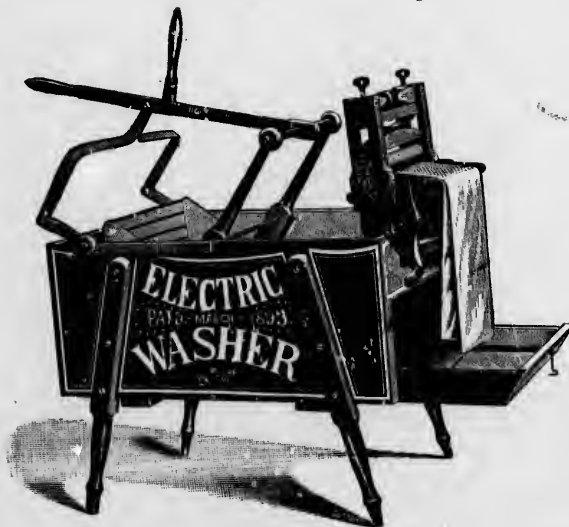
WASHING MACHINES



The "Happy Hit"

HAPPY HIT Washer, malleable iron lifters and slides ..... Each \$4.50

Above price does not include Wringer.



Patented March 10, 1893.

The "Electric"

ELECTRIC Washer, double action, lever movement, uniform rubbing motion, bushed bearings, malleable iron lifter for raising the rubber. Sliding drawer to receive clothes from Wringer (as shown in cut).... Each \$6.75

Above price does not include Wringer.



"

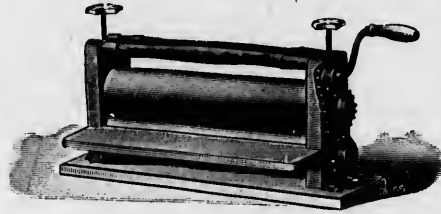
... Each \$5.25  
... tion prevents  
... rs.

families,  
... Each \$10.00  
ze, with double  
also in special

... Each \$4.50

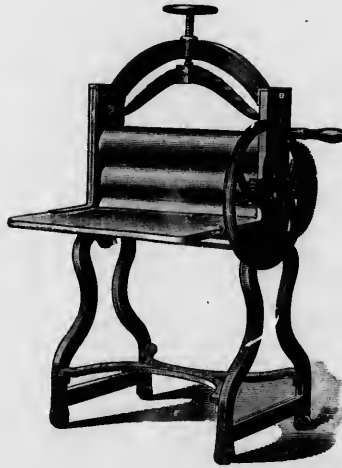
## MANGLES

## Improved Domestic



Improved Domestic, driven by chain belt, adjustable pressure, two maple wood rollers, easy running ..... Each \$9.75

## The Queen



The Queen Mangle, three 24 x 5 inch maple wood rollers, mounted on iron wheels, heavy frame, elliptic spring, adjustable pressure, folding table on one side ..... Each \$23.00

Nos. . .  
Quart  
Per do

Inches  
Per do

Domitio

GALVANIZED STEEL BUCKETS



Straight Pattern.



Flaring Pattern.

Straight Pattern, Seamed

Nos .....	12	14	16
Quart (wine measure) .....	10	13	16 1-2
Per dozen .....	\$3.25	3.50	4.00

Flaring Pattern, Seamed

Inches .....	11	12	13	14
Per dozen .....	\$3.25	3.50	4.25	5.00

anning ..... Each \$9.75

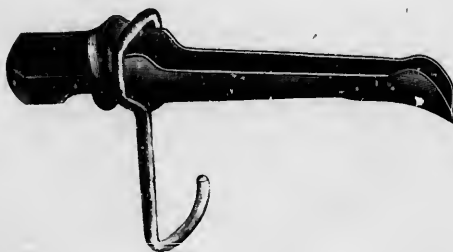


Sap Pails

10 Quart Flaring Sap Pails

Per hundred .....	\$10.50
Size at top .....	10 inches.
Size at bottom .....	7 inches.
Depth .....	9 inches.

Dominion Sap Spouts

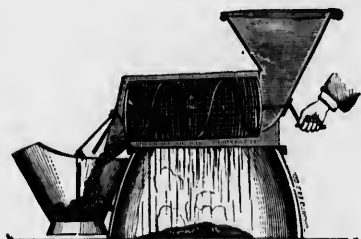


Dominion Sap Spouts .....	Per thousand \$8.25
---------------------------	---------------------

Packed in boxes of five hundred and a thousand.

e, elliptic spring.  
..... Each \$23.00

ASH OR CINDER SIFTERS



WILSON'S PATENT.

Made of heavy Sheet Iron.

Clean and easily operated.

Japanned ..... Each \$3.75  
Galvanized ..... Each 4.25

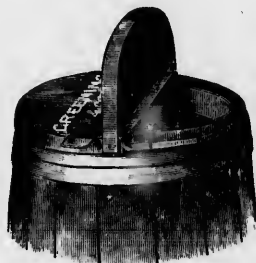


No. 3.



No. 1.

No. 3—Square Sifter, made to fit ordinary barrel ..... Per dozen \$10.50  
No. 1—Extra Strong Sifter, heavy wood hoop in one piece through which the wire mesh is woven by hand.  
Per dozen ..... 18.00



No. 2.

Coal Sieves



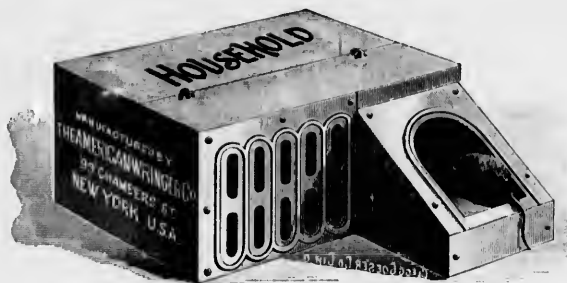
Ash Sifters or Coal Sieves with long handles.

No. 2—Cinder Sifter for barrel, lid hinged at centre ..... Per dozen \$12.00

Square Sifters, with Handles

Square, two in nest, small 10 1-2 x 14 1-2 inches, large 12 1-2 x 16 1-2 inches ..... Per dozen \$2.00  
Square, all large sizes ..... Per dozen 2.50

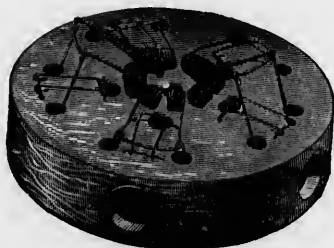
HOUSEHOLD MOUSE TRAP



Self-setting.

The Household, Self-setting Mouse Trap ..... Per dozen \$1.80

Circular Mouse Traps



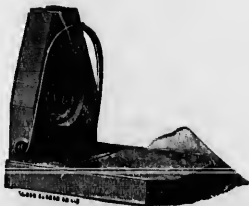
Circular Wood, 4 holes, tinted red..... Per dozen \$1.00  
 Circular Tin, 5 holes..... Per dozen 1.30

Sparrow Traps

Streeters' Sparrow Traps ..... Per dozen \$0.75

Rat Traps

Safety Sun Hinged



Safety Sun Hinged Rat Traps..... Per dozen \$2.00

## RAT TRAPS



Wood bottom.

Retinned Cam Lock Trap

No. 908—Cam Lock Rat Trap, 6 x 11 inches ..... Per dozen \$5.25



No. 5—Wire Rat Trap, wood bottom, 6 x 12 inches ..... Per dozen \$6.00  
 No. 6—Wire Rat Trap, wood bottom, 7 1-2 x 14 inches ..... Per dozen 7.50  
 No. 7—Wire Rat Trap, wood bottom, 9 x 16 inches ..... Per dozen 7.00



Funnels, Drops and Doors of Sheet Steel.

No. 8—Round Wire Trap, 12 inch diameter ..... Per dozen \$8.00  
 No. 9—Round Wire Trap, 14 inch diameter ..... Per dozen 9.00  
 No. 10—Round Wire Trap, 16 inch diameter ..... Per dozen 10.00  
 French Pattern Tinned Wire Rat Traps ..... Per dozen 9.75

No. 0  
 No. 1  
 No. 2  
 No. 2 1  
 No. 3  
 No. 4

STAR

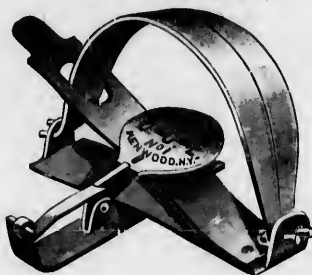
No. 0  
 No. 1  
 No. 1 1-2

No. 2  
 No. 3  
 No. 4

No. 5—Wi



**PATENT STEEL GAME TRAPS**  
Star (Blake's Pattern)



No.	Description.	Per dozen.	
		Without Chains.	With Chains.
No. 0	Rat or Gopher	\$2.25	\$3.25
No. 1	Muskrat	2.50	3.65
No. 2	Mink	3.00	4.15
No. 2 1-2	Fox	4.50	5.75
No. 3	Otter	7.00	8.50
No. 4	Beaver	8.00	9.50

No. 1 without chains (only) carried in stock, other sizes to order. Nos. 2 1-2, 3 and 4 have double spring.

STAR (BLAKE'S PATTERN). The Star Game Trap is much lighter and occupies considerably less space when packed than the Newhouse Pattern.

**Newhouse Pattern**



**Single Spring**

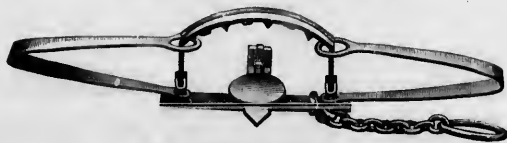
No.	Description.	Spread of Jaws.	Per dozen.	
			Without Chains.	With Chains.
No. 0	Rat or Gopher	3 1-2 inches	\$3.25	\$4.25
No. 1	Muskrat	4 inches	3.75	5.00
No. 1 1-2	Mink	4 7-8 inches	6.00	7.50

**Double Spring**

No.	Description.	Spread of Jaws.	Per dozen.	
			Without Chains.	With Chains.
No. 2	Fox	4 7-8 inches	\$ 9.00	\$10.50
No. 3	Otter	5 1-2 inches	12.00	14.00
No. 4	Beaver	6 1-2 inches	14.50	16.50

**No. 5 Bear Trap**

Made only in "Newhouse" quality.



**Bear Traps**

No. 5—With chain only, spread of jaw 11 3-4 inches	Per dozen \$140.00
Weight, 17 lbs. each.	

Per dozen \$5.25

Per dozen \$6.00

Per dozen 6.50

Per dozen 7.00

Per dozen \$5.00

Per dozen 9.00

Per dozen 10.00

Per dozen 9.75

Potato Mashers



Solid Potato Mashers, extra polished, size 12 x 2 1-2 inch..... Per dozen 80 75  
Packed as wanted.

WOODENWARE

Rolling Pins



Revolving Handle Rolling Pins, size 12 x 2 1-2 inch..... Per dozen 1 15  
One dozen in a box.

Butter Ladles



Maple Butter Ladles..... Per dozen 81 55  
Round Butter Moulds, half pound..... Per dozen 2 75  
Round Butter Moulds, one pound..... Per dozen 3 00  
Oblong Butter Moulds, one pound..... Per dozen 6 00

Butter Moulds



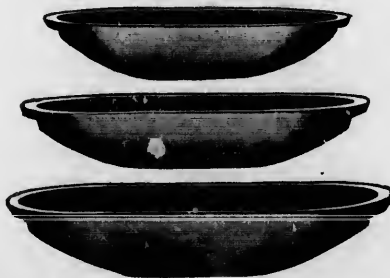
Packed as wanted.

Turned Wood Spoons



Turned Wood Spoons, 15 inch..... Per dozen 80 75  
Turned Wood Spoons, 17 inch..... Per dozen 1 00

Oval Chopping Trays



Oval Chopping Trays, No. 4, 26 x 14 inches..... Per dozen 80 75

Inches  
Per dozen

Length, feet  
Each

Wire Spring

Improved

Northern Quality

ng Pins



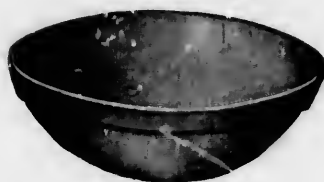
..... Per dozen 80 75  
 ..... Per dozen 1.15



..... Per dozen \$1.65  
 ..... Per dozen 2.75  
 ..... Per dozen 3.00  
 ..... Per dozen 6.00

..... Per dozen \$0.75  
 ..... Per dozen 1.00

BUTTER BOWLS



Polished and Oiled.

Inches .....	15	17	19	21
Per dozen .....	\$3.00	4 50	6.00	8.25

Step Ladders



Length, feet .....	4	5	6	8	10
Each .....	\$0.90	1.05	1.15	1.50	1.90

Shelves extra, 25c. each.

Spring Clothes Pin



Wire Spring Clothes Pins .....

Two gross in a box. .... Per gross \$0.75

Improved Globe Wash Boards

..... Per dozen \$2.25

Northern Queen Wash Board

Northern Queen Wash Board, perforated. .... Per dozen \$3.00  
 Half dozen in a bundle.

Wash Board



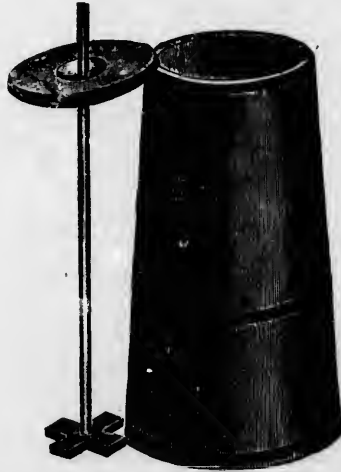
CHURNS

Leader Churn, with Gas Vent



No. 1—10 gallons, will churn from 1 to 6 gallons cream .....	Each	\$ 8.50
No. 2—15 gallons, will churn from 1 to 8 gallons cream .....	Each	9.00
No. 3—20 gallons, will churn from 2 to 10 gallons cream .....	Each	10.00
No. 4—25 gallons, will churn from 2 to 13 gallons cream .....	Each	12.00

Oak Dash Churns



Gallons .....		6		8		10
Per dozen .....	\$17.25		19.50		21.50	
With cup .....	21.00		23.25		25.50	
Cribbed .....	22.50		24.75		27.00	

No. 20—All Wo

No. 19—Wood B

The Queen Lemon

LEMON SQUEEZERS



MAPLE OR BIRCH.

No. 20—All Wood Lemon Squeezer, sheet steel hinges..... Per dozen \$2.50



MAPLE OR BIRCH.

No. 19—Wood Body Lemon Squeezer, porcelain bowl, steel hinges ..... Per dozen \$10.50

The "Queen" Lemon Squeezer



JAPANED.

The Queen Lemon Squeezer, glass cup, japanned frame..... Per dozen \$6.00

..... Each \$ 8.50  
 ..... Each 9.00  
 ..... Each 10.00  
 ..... Each 12.00

..... 10  
 ..... 21.50  
 ..... 25.00  
 ..... 27.00

LEMON SQUEEZERS



No. 2—Porcelain, bowl and top, japanned frame.....Per dozen \$7.50

Tinned Lemon Squeezers

No. 4—Crescent, X.C. plate, malleable frame .....Per dozen \$2.00

One dozen in a box.

Lemon Juice Extractors



These Extractors being made of glass are easily kept clean, and extract the pure juice only, without the bitter oil from the seeds and skin of the lemon.

Glass Lemon Juice Extractors.....Per dozen \$0.80

One dozen in a box.

**ICE CREAM FREEZERS**

Pails are made of Best Virginia White Cedar, with Electric Welded Wire Hoops, inside parts, tinned, outside parts, galvanized.



**Gem  
Ice Cream Freezer**

2 quarts.....	Each	\$ 3.75
3 quarts.....	Each	4.50
4 quarts.....	Each	5.50
6 quarts.....	Each	7.00
8 quarts.....	Each	9.00
10 quarts.....	Each	12.00
14 quarts.....	Each	15.00



**Crown  
Ice Cream Freezer**

DOUBLE ACTION, WITH FLY WHEEL.

10 quarts.....	Each	\$18.00
14 quarts.....	Each	22.00
8 quarts.....	Each	28.00
24 quarts.....	Each	34.00

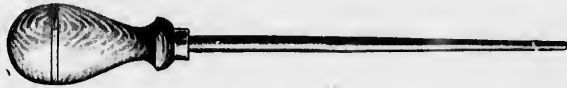
..... Per dozen \$7.50

..... Per dozen \$2.00

only, without the bitter

..... Per dozen \$0.50

ICE PICKS



No. 1—Tempered steel blade, hardwood handle..... Per dozen \$1.65  
 One dozen in a box.



No. 3—Hollow iron head, with steel blade passing through head..... Per dozen \$3.25  
 One dozen in a box.

Combined Hammer and Ice Pick

Bronzed Ball Head Hammer, polished flat blade..... Per dozen \$3.00  
 One dozen in a box.

Ice Chisels



No. 2—Cast steel blade, hardwood handle, with iron cap..... Per dozen \$4.50  
 One dozen in a box.

Ice Shredders



For shaving ice coarse or fine.

To operate, simply draw the blade upon a piece of ice, the pressure applied producing fine or coarse pieces as desired.

No. 33—Ice Shredders, tinned..... Per dozen \$16.80



GEM I

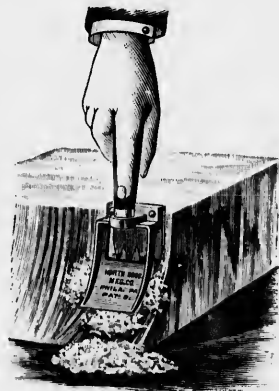


ICE CHIPPERS

Crown Ice Chipper

Will quickly reduce the ice to uniformly small pieces. With ice chipped in such pieces, it is possible to freeze ice cream more rapidly and smoothly, as it packs more solidly around can and excludes the air. It also prevents injury to freezer can, which is frequently caused by large irregular pieces becoming wedged between the tub and can. Will reduce a twenty pound block of ice to small pieces in five minutes.

Crown Ice Chipper, wood handle, polished steel blade, galvanized iron guard,  
Per dozen..... \$7.75

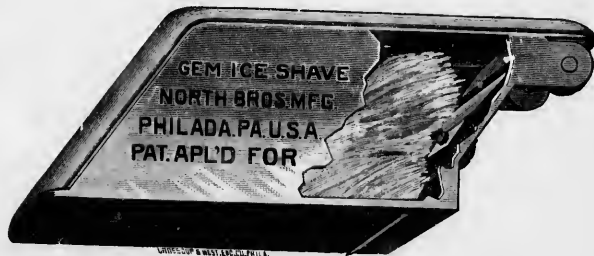


Star Ice Chipper

Similar in design to the Crown Ice Chipper, but not recommended to do as good or quick work.

Star Ice Chipper, ALL GALVANIZED, iron handle, steel blade..... Per dozen \$4.50

Gem Ice Shave



As shown in cut, it is constructed like an ordinary plane, made of galvanized cast iron, having in front of the knife a receptacle closed by a lid, in which the ice shaved off collects, as the tool is moved forward and backward over the surface of a block of ice. Being quite short, the tool can be conveniently used on ice laying in a refrigerator; when receptacle is filled, raise the lid and empty the contents, which will be found fine as snow, repeating the operation till the desired quantity is obtained. By means of the set-screw at the back of the Shave the knife can be set further in or out, and thus regulate the fineness of the ice shaved off.

Per dozen ..... \$7.75



GEM ICE SHAVE.

Per dozen \$1.65

Per dozen \$3.25

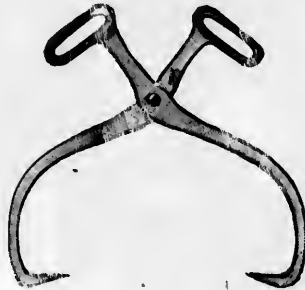
Per dozen \$3.00

Per dozen \$4.50

pieces as desired.

Per dozen \$10.80

FAMILY ICE TONGS



No. 2—Malleable iron, tinned ..... Per dozen \$7.00

Ice Tongs

Solid Wrought Steel.



No. 0—Opens 15 inches .....	Per dozen \$12.00
No. 1—Opens 18 inches .....	Per dozen 13.50
No. 2—Opens 20 inches .....	Per dozen 17.50
No. 3—Opens 22 inches .....	Per dozen 22.50

Provis-  
easily c  
contact

PEERLESS REFRIGERATORS



Style of No. 14.



Style of Nos. 5 and 6.



PROVISION CHAMBER TO LEAK DIRTY WATER UPON THE FOOD, and the drain pipe is STRAIGHT, so that it can be easily cleaned. Note also that by this system, we send the air completely around the ice, giving it the longest possible contact with its cooling surface, and do not take it through the side of the Ice Chamber.

For prices and description see page 764.

The arrows in this cut indicate the direction of the air currents. As everyone knows cold air is bound to fall, and warm air equally certain to rise. Recognizing this simple fact, makers have (as an inspection of this cut will show) planned the interior construction in such a manner that an absolute and continuous circulation of pure cold dry air is assured. The air in the Provision Chamber becoming more or less warmed by contact with the food or other articles contained therein, expands and consequently rises, taking with it the vapors and impurities constantly exhaled from the provisions. The only course for this rising air to take, is through the flues, opening from the top of the Provision Chamber on either side. Ascending these flues, and passing through the PATENTED CLEANSABLE SIDE AND TOP FLUE system, the air is discharged upon the ice, passing over and around the ice, and becoming thoroughly chilled the air seeks an outlet. This it finds at the bottom of the Ice Chamber, but not until it has passed completely under the ice and has deposited on the metal plates of the GALVANIZED STEEL BEAM ICE RACK all the vapors and impurities that it contained. These impurities are carried off with the water from the melted ice through the drain pipe, which has a trap UNDERNEATH the Provision Chamber. THERE IS NO TRAP OR LOOSE JOINT WITHIN THE

..... Per dozen 87.00

..... Per dozen \$12.00  
 ..... Per dozen 13.50  
 ..... Per dozen 17.50  
 ..... Per dozen 22.50

### PEERLESS HARDWOOD REFRIGERATORS

For cuts see page 763.

Made of best ash or oak lumber, kiln dried, antique finished, doors fitted with automatic lever clamp locks, which bring the door to a tight joint, polished cast brass trimmings, Disc casters with steel retaining sockets.

#### SPECIAL FEATURES.

Dry air, mineral wool filling, perfect cleansable flue system, seven walls to preserve the ice, galvanized steel beam ice rack.

#### PRICE LIST.

##### With Single Door

	Width.	Depth.	Height.	Approximate Shipping Weight.	Each.
No. 1A .....	27 in. ....	19 in. ....	43 in. ....	135 lbs. ....	\$18.50
No. 2 .....	28 in. ....	20 in. ....	45 in. ....	145 lbs. ....	21.50
No. 2A .....	30 in. ....	22 in. ....	47 in. ....	170 lbs. ....	23.50
No. 3 .....	32 in. ....	24 in. ....	49 in. ....	190 lbs. ....	27.00
No. 14 .....	30 in. ....	18 in. ....	58 in. ....	190 lbs. ....	26.50

No. 14 has opening to ice chamber in front, and is designed for use where space is limited.

##### With Double Doors

With one Large Provision Chamber and no Partition. Admitting large articles, Platters, Pans, etc.

	Width.	Depth.	Height.	Approximate Shipping Weight.	Each.
No. 4 .....	36 in. ....	22 in. ....	47 in. ....	190 lbs. ....	\$29.50

##### With Double Doors

Two separate Provision Chambers.

	Width.	Depth.	Height.	Approximate Shipping Weight.	Each.
No. 5 .....	38 in. ....	24 in. ....	49 in. ....	220 lbs. ....	\$35.50
No. 6 .....	40 in. ....	26 in. ....	51 in. ....	270 lbs. ....	38.50
No. 7 .....	40 in. ....	25 in. ....	42 in. ....	220 lbs. ....	29.50

No. 7 is low and handy, and ice chamber in easy reach.

##### With Double Doors

Large Ice Chamber. Large and separate Provision Chambers.

The side flues in this style swing into ice chamber to be cleaned and top flues let down, in this way permitting thorough cleaning.

	Width.	Depth.	Height.	Approximate Shipping Weight.	Each.
No. 9 .....	42 in. ....	20 in. ....	54 in. ....	315 lbs. ....	\$42.50
No. 10 .....	45 in. ....	28 in. ....	56 in. ....	350 lbs. ....	47.00
No. 11 .....	40 in. ....	28 in. ....	58 in. ....	400 lbs. ....	52.00

No. 70—Ja

No. 55—Ja  
No. 155—Gr  
No. 157 X 1  
No. 157 X 2

No. 57—Japan

STOVE SHOVELS



No. 70, STEEL, JAPANED.

Flat Handle.

No. 70—Japaned, length 15 inches, size of blade 4 3/4 x 7 inches..... Per dozen \$0.60



No. 55, STEEL.

Round Handle.

No. 55—Japaned, length 16 inches, size of blade 4 3/4 x 7 1/2 inches..... Per dozen \$0.75  
 No. 155—Galvanized, length 16 inches, size of blade 4 3/4 x 7 1/2 inches..... Per dozen 1.75  
 No. 157 X 1—Extra heavy, japaned (not corrugated) size of blade 4 1/2 x 7 1/2 inches..... Per dozen 1.35  
 No. 157 X 2—Extra heavy, japaned (not corrugated) size of blade 5 x 9 inches..... Per dozen 1.75



No. 57, STEEL, JAPANED.

Round Handle.

No. 57—Japaned, length 23 inches, size of blade 5 x 8 1/2 inches..... Per dozen \$1.25

clamp locks, which  
ets.

vanized steel beam

Each.

\$18.50

21.50

23.50

27.00

26.50

ited.

ans, etc.

Each.

\$29.50

Each.

\$35.50

38.50

29.50

als way permitting

Each.

\$42.50

47.00

52.00

COTTAGE FIRE IRON SETS



Quarter size cut.  
No. 126. Complete, as per cut.



Quarter size cut.  
No. 26. Complete, as per cut.

- No. 126—Tuscan Bronzed Stand, Japanned Poker, Shovel and Claw Tongs..... Per set \$13.50  
 No. 26—Tuscan Bronzed Stand, Japanned Poker, Shovel and Flat Tongs..... Per set 13.50  
 Half dozen sets in a box.

Malleable Iron Coal Tongs



No. 5. Bronzed.



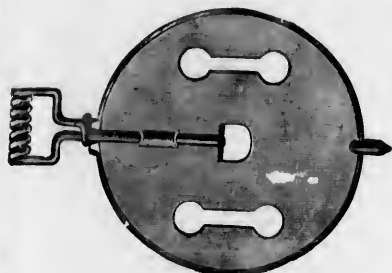
No. 7. Japanned.

- No. 5—Malleable Iron Coal Tongs, bronzed..... Per dozen \$8.75  
 No. 7—Malleable Iron Coal Tongs, japanned..... Per dozen 8.75

Half dozen in a box.

6 inch  
7 inch  
6 inch  
7 inch  
4 1/2 x 15  
This Fire  
in

STOVE PIPE DAMPERS



The Perfect.



Eclipse.



Stewart's.

The Perfect

Nickel-plated, Alaska Cold Handle.

..... Per dozen \$1.35  
 ..... Per dozen 1.50

Eclipse Improved

Extra Heavy, Nickel-plated Handle.

6 inch ..... Per dozen \$1.65  
 7 inch ..... Per dozen 2.10

Stewart's Patent

Extra Heavy, Nickel-plated Handle.

6 inch ..... Per dozen \$1.80  
 7 inch ..... Per dozen 2.00

Diamond Extension Fire Backs

No Bolts. Slides in Dovetails.



EXTENDED.

This Fire Back can be adjusted to fit any width from 4 1-2 to 7 inches, and any length from 15 to 20 inches ..... Per dozen \$9.00  
 Half dozen in a box.



..... Per set \$13.50  
 ..... Per set 13.50



..... Per dozen \$3.75  
 ..... Per dozen 3.75

CLOTHES LINE REELS



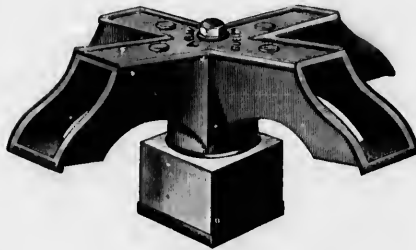
Round Base

Japanned, light..... Per dozen \$9.00

Weight, 11 lbs. each.

Japanned, heavy..... Per dozen 11.75

Weight, 18 lbs. each.



Square Base

Japanned, light..... Per dozen \$ 9.00

Weight, 11 lbs. each.

Japanned, heavy..... Per dozen 11.75

Weight, 18 lbs. each.



New Pattern

No. 3—Japanned, light..... Per dozen \$

Weight, 19 lbs. each.

No. 4—Japanned, heavy..... Per dozen

Weight, 25 lbs. each.

No. 2—Is used  
No. 3—Is used  
upper s  
No. 5—Is made  
throsh

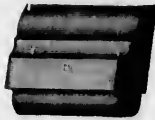
Spring in back in  
the front  
joint on the  
necessary s  
8 inches, an





**WEATHER STRIPS**

Hardwood Mouldings, Imitation Walnut, Rubber specially made for purpose.  
Excludes Wind, Rain, Snow and Dust.



No. 2.



No. 3.



No. 5.

- No. 2—Is used around doors, and also for the lower sash of windows, and is applied to the casing. . . . Per 100 feet \$1.50  
 No. 3—Is used for the meeting rail of the sash, and is applied to the top of the lower sash, or the bottom of upper sash. . . . . Per 100 feet 2.25  
 No. 5—Is made for the bottom of doors, to be put on inside of the door; the rubber to make a close joint on the threshold . . . . . Per 100 feet 3.00

**Spring Door Bottom**

For Outside Doors



Spring in back is so arranged that the strain is equalized entire length of guard. In the act of closing the door the front edge of the apron comes in contact with a stop and is thrown down, the rubber makes a close joint on the threshold. With each dozen we furnish, free, three dozen round-head blue screws and necessary stops. They are made of hardwood, imitation of walnut color. Width, 3 inches; length, 2 feet 8 inches, and 3 feet. Can be cut to fit narrow doors. . . . . Price, per dozen \$6.75



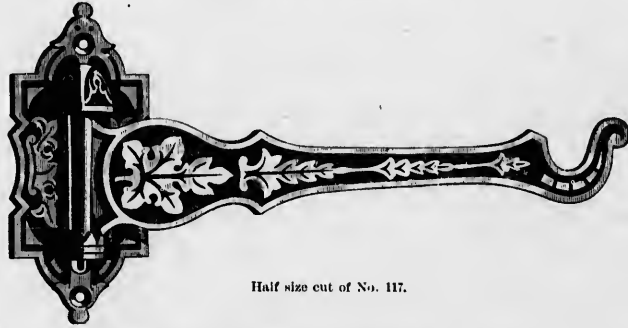
**Tornado Oil Cans**

5 gallons, galvanized . . . . . Per dozen \$18.75

**SPECIAL ADVANTAGES.**—The pump supplied with this can is attached by means of a screw, thus giving free access to both can and pump and leaving a large hole for filling.

A cap is fitted over the syphon tube and pump handle, which protects them from being damaged in shipping, a desirable feature not found in other cans.

SWINGING BIRD CAGE HOOKS



Half size cut of No. 117.

This Hook can be placed at any angle, or turned back against the wall when not in use.

No. 117—Fancy Assorted Bronzes, packed with screws ..... Per dozen \$2.50

Bird Cage Hooks

Steel Screws.



Half size cut.

No. 21—Gold Bronzed..... Per dozen \$1.20



Half size cut.

No. 26—Berlin Bronzed..... Per dozen \$0.75



Half size cut

Patent Swinging Hook

No. 46—Berlin Bronzed..... Per dozen \$1.00

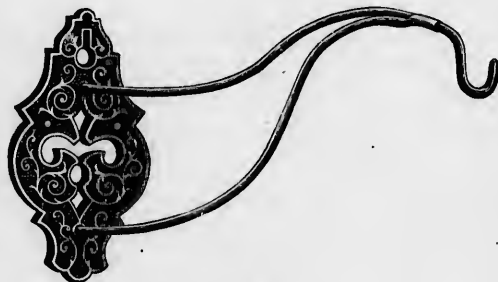
One dozen in a box.

No. 50—Berlin

No. 81—Berlin B

Brass Bird Cage Sp

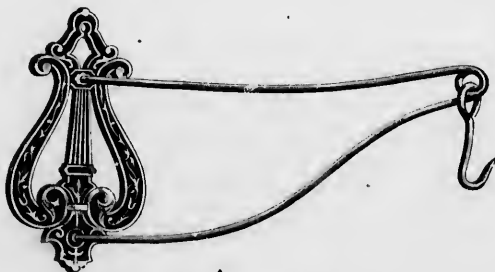
BIRD CAGE HOOKS



Cut one-third size.

Berlin Bronzed, Wide Base

No. 50—Berlin Bronzed, wide base.....Per dozen \$1.50  
Half dozen in a package.



One-third size cut.

Berlin Bronzed, Patent Swinging Hook

No. 81—Berlin Bronzed, Patent Swinging Hook, wide base.....Per dozen \$1.40  
Half dozen in a package.

Bird Cage Springs



Brass Bird Cage Springs.....Per dozen \$0.75  
One dozen in a box.

JAPANED BIRD CAGES



Nos. 1, 2, 3, 4, 5.  
Japaned.



Nos. 6, 7, 8, 9.  
Japaned.

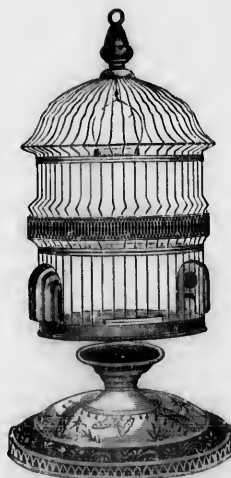


Nos. 15, 17.  
Japaned.

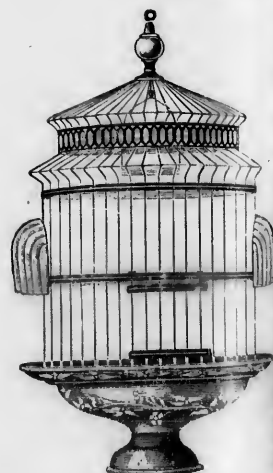
No. 1-7 1-2 inches diameter.....	Per dozen \$ 9.50
No. 2-8 inches diameter.....	Per dozen 10.50
No. 3-8 1-2 inches diameter.....	Per dozen 12.00
No. 4-9 inches diameter.....	Per dozen 13.00
No. 5-10 inches diameter.....	Per dozen 15.00
No. 6-8 inches diameter.....	Per dozen 10.50
No. 7-8 1-2 inches diameter.....	Per dozen 12.50
No. 8-9 inches diameter.....	Per dozen 14.00
No. 9-10 inches diameter.....	Per dozen 16.00
No. 15-8 1-2 inches diameter.....	Per dozen 16.00
No. 17-9 inches diameter.....	Per dozen 16.00



Nos. 10, 11.  
Japaned.



No. 026.  
Japaned.



No. 113.  
Japaned.

No. 10-9 inches diameter.....	Per dozen \$13.00
No. 11-8 1-2 inches diameter.....	Per dozen 13.00
No. 026-9 inches diameter.....	Per dozen 23.00
No. 113-9 1-4 inches diameter.....	Per dozen 26.00

For assorted cases see page 779.



CUTTABLE  
Nos. 20 and 21  
Nos. 25 and 26  
Japaned

- No. 20-7
- No. 21-8
- No. 25-8
- No. 26-9



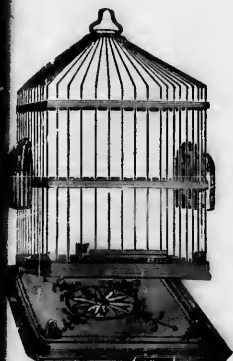
No. 8  
Japaned

- No. 83-7
- No. 110-9 1-4
- No. 105-7 3-4

JAPANNED BIRD CAGES



Nos. 15, 17, Japanned.  
 ... Per dozen \$ 9.50  
 ... Per dozen 10.50  
 ... Per dozen 12.00  
 ... Per dozen 13.00  
 ... Per dozen 15.00  
 ... Per dozen 10.50  
 ... Per dozen 12.50  
 ... Per dozen 14.00  
 ... Per dozen 16.00  
 ... Per dozen 16.00  
 ... Per dozen 16.00



Nos. 20 and 24 Wire Ring.  
 Nos. 25 and 26 Wood Cap.  
 Japanned.

No. 20 - 7 3-4 x 7 3-4 inches..... Per dozen \$10.50  
 No. 24 - 8 x 8 inches..... Per dozen 12.50  
 No. 25 - 8 1-2 x 8 1-2 inches..... Per dozen 14.50  
 No. 26 - 9 x 9 inches..... Per dozen 16.50

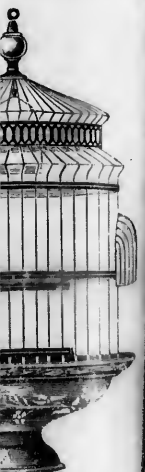


Nos. 109, 111.  
 Japanned.

No. 109 - 8 1-4 x 6 1-2 inches..... Per dozen \$12.50  
 No. 111 - 8 1-4 x 8 1-4 inches..... Per dozen 17.00  
 No. 107 - 8 1-2 x 7 inches..... Per dozen 13.00  
 No. 108 - 9 1-4 x 7 3-4 inches..... Per dozen 18.00



Nos. 107, 108.  
 Japanned.



No. 113.  
 Japanned.  
 ... Per dozen \$13.00  
 ... Per dozen 13.00  
 ... Per dozen 23.00  
 ... Per dozen 26.00

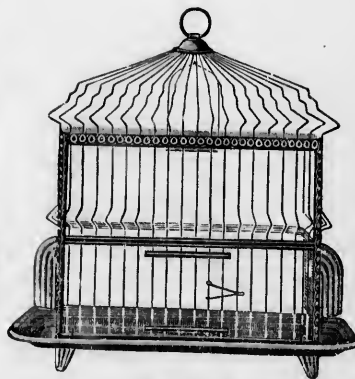


No. 83.  
 Japanned.

No. 83 - 7 x 10 inches..... Per dozen \$16.00  
 No. 110 - 9 1-4 x 7 3-4 inches..... Per dozen 19.00  
 No. 105 - 7 3-4 x 7 3-4 inches..... Per dozen 14.00



No. 110.  
 Japanned.



Nos. 112, 105, 106.  
 Japanned.

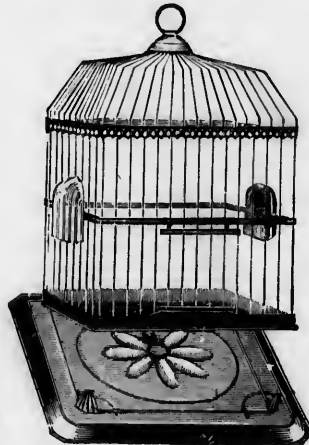
No. 106 - 9 1-4 x 9 1-4 inches..... Per dozen \$16.00  
 No. 112 - 10 1-2 x 8 1-2 inches..... Per dozen 25.00

For assorted cases see page 779.

JAPANED BIRD CAGES



Nos. 018, 017, 019, 020.  
Japaned.



Nos. 76, 77, 78.  
Japaned.

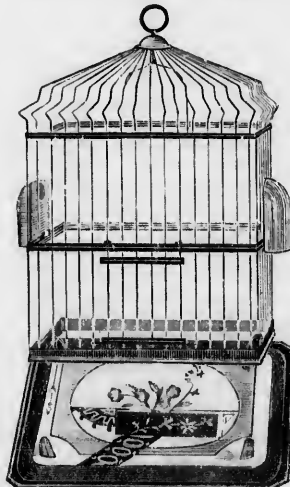


No. 50.  
Japaned.

No. 018—6 1-4 x 8 inches.....	Per dozen \$13.00	No. 76—7 3-4 x 7 3-4 inches.....	Per dozen \$12.50
No. 017—7 1-2 x 10 inches.....	Per dozen 15.00	No. 77—8 1-4 x 8 1-4 inches.....	Per dozen 14.50
No. 019—8 x 10 1-2 inches.....	Per dozen 16.50	No. 78—8 1-2 x 8 1-2 inches.....	Per dozen 16.50
No. 020—8 1-2 x 11 1-4 inches.....	Per dozen 18.50	No. 50—7 1-2 x 11 inches.....	Per dozen 26.00



Nos. 21, 22, 23.  
Japaned.



No. 106  
Japaned.



Nos. 55, 56.  
Japaned.

No. 23—6 1-2 x 9 1-2 inches.....	Per dozen \$13.00	No. 106—9 1-4 x 9 1-4 inches.....	Per dozen \$16.00
No. 22—7 1-3 x 11 inches.....	Per dozen 15.50	No. 55—7 1-2 x 10 3-4 inches.....	Per dozen 20.00
No. 21—8 1-2 x 11 1-2 inches.....	Per dozen 18.00	No. 56—8 1-2 x 11 3-4 inches.....	Per dozen 22.00

For assorted cases see page 779.

JAPANED BIRD CAGES



No. 28.  
Japaned.



No. 68.  
Japaned.



No. 69.  
Japaned.

No. 28—9 inches diameter.....	Per dozen \$18.00
No. 68—9 inches diameter.....	Per dozen 24.00
No. 69—10 inches diameter.....	Per dozen 32.00



No. 93.  
Japaned.



No. 97.  
Japaned.



No. 92.  
Japaned.

No. 93—8 x 11 inches.....	Per dozen \$36.00
No. 97—9 3-4 x 9 3-4 inches.....	Per dozen 25.00
No. 92—8 1-2 x 8 1-2 inches.....	Per dozen 22.00

For assorted cases see page 779.

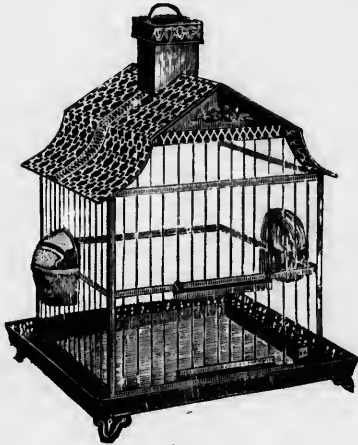


No. 60.  
Japaned.  
Per dozen \$12.50  
Per dozen 14.50  
Per dozen 16.50  
Per dozen 26.00



No. 65, 66.  
Japaned.  
Per dozen \$16.00  
Per dozen 20.00  
Per dozen 22.00

JAPANED BIRD CAGES

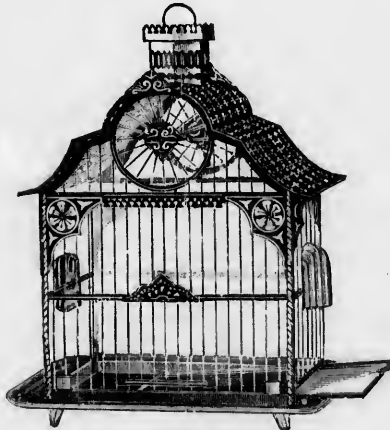


No. 58.  
Japaned.



No. 116.  
Japaned. Fancy Glass Guard.

No. 58—9 x 9 inches..... Per dozen \$24.00  
 No. 116—10 x 10 inches..... Per dozen 38.00



No. 102.  
Japaned.



No. 62.  
Japaned.

No. 102—10 1-4 x 7 1-2 inches..... Per dozen \$33.00  
 No. 62—10 3-4 x 10 3-4 inches..... Per dozen 36.00

For assorted cases see page 779.

No. 114—10 1-4

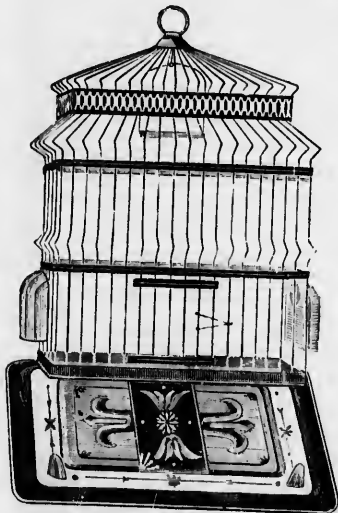
Per dozen.....

Clear Gla

Per dozen.....

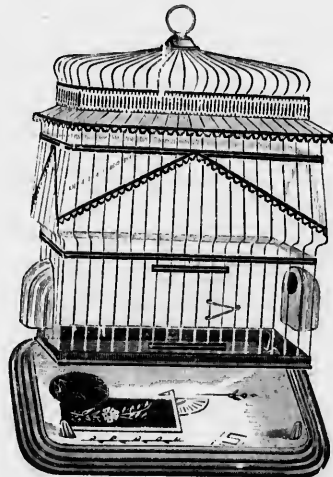


JAPANNED BIRD CAGES



No. 111.

Japanned.

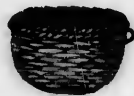


No. 115.

Japanned.

No. 114—10 1-4 x 8 1-4 inches ..... Per dozen \$27.00 | No. 115—12 x 9 1-4 inches ..... Per dozen \$32.00  
For assorted cases see page 779.

Willow Nests



Per dozen ..... \$0.90 | Per dozen ..... \$0.90

Wire Nests



Clear Glass Founts

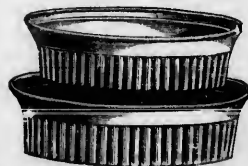


Opal Glass Founts



For Brass Cages

Bird Baths



Per dozen ..... \$0.75 | Per dozen ..... \$0.85 | Per dozen ..... \$0.80

BRASS BIRD CAGES



Nos. 205, 200.  
Brass.



Nos. 200, 201, 192, 203.  
Brass.



Nos. 262, 206.  
Brass.

No. 205—8 inches diameter.....	Per dozen	\$30.00
No. 206—8 1-2 inches diameter.....	Per dozen	33.00
No. 200—7 1-2 inches diameter, 14 1-2 inches high.....	Per dozen	21.00
No. 201—8 inches diameter, 16 1-2 inches high.....	Per dozen	23.00
No. 202—8 5-8 inches diameter, 17 1-2 inches high.....	Per dozen	25.00
No. 203—9 inches diameter, 18 inches high.....	Per dozen	27.00
No. 202—8 x 10, 14 inches high.....	Per dozen	48.00
No. 266—8 1-2 x 11, 14 3-4 inches high.....	Per dozen	52.00



No. 269.  
Brass.



No. 264.  
Brass.



Nos. 228, 256.  
Brass.

No. 259—6 5-8 x 8 5-8 inches.....	Per dozen	\$23.00
No. 264—8 x 10 inches, 14 1-2 inches high.....	Per dozen	48.00
No. 228—6 5-8 x 8 5-8 x 10 3-4 inches high.....	Per dozen	22.00
No. 256—7 1-2 x 9 1-2 x 10 3-4 inches high.....	Per dozen	25.00

For assorted cases see page 779.

1 Cage each .....  
Each .....

1 Cage each .....  
Each .....

1 Cage each .....  
Each .....

1 Cage each .....  
Each .....

1 Cage each .....  
Each .....

1 Cage each .....  
Each .....

1 Cage each .....  
Each .....

1 Cage each .....  
Each .....

1 Cage each .....  
Each .....

1 Cage each .....  
Each .....

BIRD CAGES

Assorted Cases

Case No. 30A contains 6 selected Japanned Cages

1 Cage each .....	Nos.	<b>1</b>	<b>6</b>	<b>111</b>	<b>70</b>	<b>28</b>	<b>97</b>
Each .....		\$0.85	.95	1.50	1.10	1.55	2.15

Per case, \$8.10.

Case No. 55 contains 6 selected Japanned Cages

1 Cage each .....	Nos.	<b>11</b>	<b>113</b>	<b>92</b>	<b>62</b>	<b>58</b>	<b>69</b>
Each .....		\$1.20	2.25	2.25	3.10	2.10	2.80

Per case, \$13.70.

Case No. 10 contains 8 selected Japanned Cages

1 Cage each .....	Nos.	<b>1</b>	<b>2</b>	<b>3</b>	<b>20</b>	<b>016</b>	<b>017</b>	<b>24</b>	<b>109</b>
Each .....		\$0.85	.95	1.15	.95	1.15	1.35	1.10	1.10

Per case, \$8.60.

Case No. 50 contains 12 selected Japanned Cages

1 Cage each .....	Nos.	<b>1</b>	<b>2</b>	<b>3</b>	<b>10</b>	<b>15</b>	<b>76</b>	<b>77</b>	<b>78</b>	<b>83</b>	<b>017</b>	<b>23</b>	<b>75</b>
Each .....		\$0.80	.03	1.05	1.13	1.39	1.09	1.26	1.43	1.30	1.35	1.13	1.72

Per case, \$14.67.

Case No. 30 contains 12 selected Japanned Cages

1 Cage each .....	Nos.	<b>016</b>	<b>017</b>	<b>20</b>	<b>019</b>	<b>25</b>	<b>020</b>	<b>76</b>	<b>24</b>	<b>106</b>	<b>26</b>	<b>77</b>	<b>78</b>
Each .....		\$1.15	1.35	.95	1.38	1.25	1.55	1.09	1.10	1.34	1.40	1.20	1.34

Per case, \$15.25.

Case No. 70 contains 16 selected Japanned Cages

1 Cage each .....	Nos.	<b>105</b>	<b>107</b>	<b>109</b>	<b>111</b>	<b>113</b>	<b>115</b>	<b>76</b>	<b>83</b>	<b>68</b>
Each .....		\$1.25	1.17	1.13	1.50	2.25	2.75	1.13	1.42	2.08
1 Cage each .....	Nos.	<b>106</b>	<b>108</b>	<b>110</b>	<b>112</b>	<b>114</b>	<b>116</b>	<b>15</b>	<b>2</b>	<b>7</b>
Each .....		\$1.42	1.58	1.66	2.21	2.33	3.25	1.45	.95	.96

Per case, \$30.50.

Case No. 40 contains 15 selected Japanned Cages and 3 all Brass

1 Cage each .....	Nos.	<b>6</b>	<b>3</b>	<b>5</b>	<b>26</b>	<b>15</b>	<b>78</b>	<b>20</b>	<b>82</b>
Each .....		\$0.93	1.05	1.30	1.42	1.38	1.42	.93	1.34
1 Cage each .....	Nos.	<b>83</b>	<b>55</b>	<b>50</b>	<b>92</b>	<b>102</b>	<b>69</b>	<b>93</b>	
Each .....		\$1.39	1.76	2.22	1.80	2.80	2.72	3.06	

BRASS CAGES.

1 Cage each .....	Nos.	<b>206</b>	<b>228</b>	<b>203</b>
Each .....		\$2.89	1.97	2.39

Per case, \$92.86.

For descriptions of above cages see pages 772-778.



er dozen \$30.00  
er dozen 33.00  
er dozen 21.00  
er dozen 23.60  
er dozen 25.00  
er dozen 27.00  
er dozen 48.00  
er dozen 52.00



s, 228, 236.  
Brass.  
er dozen \$23.60  
er dozen 48.00  
er dozen 22.00  
er dozen 25.00

SPECTACLES



- No. 110—Blued, tempered steel frames ..... Per dozen \$1.75  
 No. 800—Blued, tempered steel frames ..... Per dozen 1.25

One dozen in a box.

Goggles



In Tin Boxes

- Wire Goggles, in japanned tin boxes, all wire. .... Per dozen \$0.75  
 Wire Goggles, in japanned tin boxes, white glasses ..... Per dozen .50  
 Wire Goggles, in japanned tin boxes, green glasses ..... Per dozen .50  
 Wire Goggles, in japanned tin boxes, assorted colors ..... Per dozen .50

One dozen in a box.

Spectacle Cases



No. 170. Open End Planished Tin Spectacle Cases

- No. 170—Open End Spectacle Cases ..... Per dozen \$1.80

One dozen in a box.



No. 2—Polished  
 No. 3—Polished



Excelsior Shave

- No. 5311 X 5  
 No. 5387 X 3  
 No. 5387 X 4  
 No. 5312 X 2  
 No. 5914 X 3  
 No. 7271 X 4  
 No. 7271 X 6  
 No. 6271 X 4  
 No. 53576  
 No. 62576

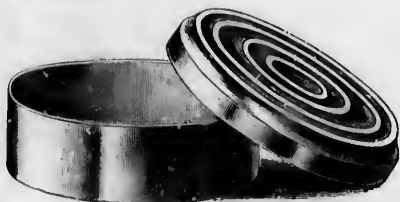
SHAVING BOXES

Wood Shaving Boxes

Porcelain Cup, with Mirror.



No. 7324—Varnished Box, 3 1-4 inches..... Per dozen \$1.50  
One dozen in a package.



Nos. 2 and 3.



EXCELSIOR.

Metallic Shaving Boxes

No. 2—Polished Metallic Shaving Boxes, 3 inches..... Per dozen \$1.25  
No. 3—Polished Metallic Shaving Boxes, 3 1-4 inches..... Per dozen 1.50

Excelsior Shaving Boxes

Nickel-Plated, Porcelain Cup, with Mirror.

Excelsior Shaving Boxes, with porcelain cup and mirror, 3 1-4 inches..... Per dozen \$4.10  
Half dozen in a box.

Lather or Shaving Brushes



Style of 5914.

No. 5311 X 5—White metal base, black, wood handle, white bristles..... Per dozen \$1.40  
No. 5387 X 3—White bone base, varnished handle, white bristles..... Per dozen 1.85  
No. 5387 X 4—White bone base, varnished handle, white bristles..... Per dozen 2.40  
No. 5312 X 2—White metal base, black wood handle, white bristles..... Per dozen 2.15  
No. 5014 X 3—Solid white handle, white bristles..... Per dozen 2.40  
No. 7271 X 4—Solid white metal handle, white bristles..... Per dozen 2.60  
No. 7271 X 6—Solid white metal handle, white bristles..... Per dozen 3.30  
No. 6271 X 4—Solid white metal handle, imitation Badger hair..... Per dozen 3.45  
No. 53576—Nickel-plated metal handle, white bristles..... Per dozen 2.50  
No. 62576—Nickel-plated metal handle, imitation Badger hair..... Per dozen 4.50

Bristle base of Nos. 53576 and 62576 are detachable and can be enclosed in handle, which is hollow and fitted with a screw cap.

Half dozen in a box.



MATCH SAFES



No. 200. Nickel and leather covered Match Safe.



Excelsior Hammered Match Safe.



Excelsior Nickel Match Safe.

No. 200—Nickel and Leather Covered Match Safe.....	Per dozen	\$2.25
Excelsior Hammered Match Safe.....	Per dozen	1.65
Excelsior Nickel Match Safe.....	Per dozen	1.20

One dozen in a box.



Combination Nickel Match Safe.



Automatic Nickel Match Safe.



Patent Mascot Match Safe, Plain Nickel Plated.

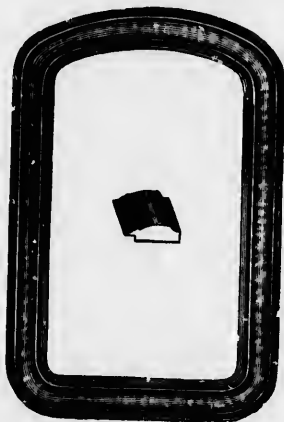
Combination Nickel Match Safe.....	Per dozen	\$2.50
Automatic Nickel Match Safe.....	Per dozen	2.55
Patent Mascot Match Safe, plain nickel plated.....	Per dozen	3.25

One dozen in a box.

Inch.....  
Per dozen.....

Inch.....  
Per dozen.....

LOOKING GLASSES



Arch Top.

Imitation Burl Walnut Frames, with Bronze Lining.

Inch.....	8 x 10	9 x 12	10 x 14	10 x 17	12 x 18	12 x 20	14 x 24
Per dozen.....	\$5.25	6.25	7.50	9.00	9.75	10.50	14.25



Louise.

3 1/4 Inch Frame, Black Enamelled, with White Hollow Front and Back.

Inch.....	5 x 7	6 x 9	7 x 9	8 x 10	9 x 12
Per dozen.....	\$1.95	2.40	2.85	3.25	4.00

Mirror Plates

Shock Mirror Plates in all Standard Sizes

French and British Mirror Plates

Beveled Edge Mirror Plates



Match Safe.

... Per dozen \$2.25  
 ... Per dozen 1.65  
 ... Per dozen 1.20



Nickel Plated.

... Per dozen \$2.55  
 ... Per dozen 2.65  
 ... Per dozen 3.25



SWISS HAND BELLS

PURE BELL METAL.



Polished						
Nos .....	2	4	6	8	10	12
Per dozen .....	\$1.65	3.30	5.10	7.75	13.50	16.25

Nickel Plated						
Nos .....	2	4	6	8	10	12
Per dozen .....	\$1.95	4.00	6.25	9.25	16.50	

Milkmen's or Auctioneers' Bells

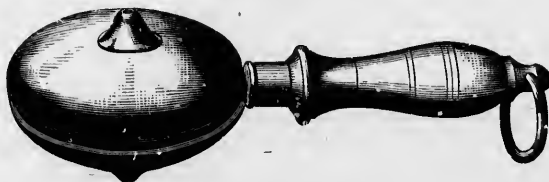
PURE BELL METAL.

No. 20—Extra heavy..... Each \$3.00

Globe Hand Bells

Cone's Patent.

SILVER WHITE FINISH.



One-third size cut of No. 50.						
Nos .....	40	50	55			
Inch.....	4	5	5 1/4			
Each .....	\$1.90	2.35	3.15			

One-sixth dozen in a box.

TEA AND CALL BELLS



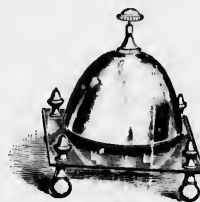
No. 6819.



No. 26.



No. 840.



No. B3519.

- No. 6819 X 2—White Metal Tea Bell.....Per dozen \$ 3.00
- No. 5 --Nickel-plated Tea Bell, black enamelled handle, small .....Per dozen 1.75
- No. 10 --Nickel-plated Tea Bell, black enamelled handle, large .....Per dozen 1.00
- No. 15 --Nickel-plated Call Bell, black enamelled base.....Per dozen 1.75
- No. 26 --Full Nickel-plated Bell and Base.....Per dozen 4.50
- No. 840 --Nickel-plated White Metal Bell, gold lacquered base.....Per dozen 16.00
- No. B3519 --Full Nickel-plated Bell and Base.....Per dozen 18.00



No. 28.



No. 50.



No. 44.

- No. 28—Nickel plated Bell and Base.....Per dozen \$13.50
- No. 38—Nickel-plated Bell and Base (as No. 28, but tripod base).....Per dozen 18.00
- No. 50—Nickel-plated Bell, bronzed figure, 8 inches high.....Each 2.00
- No. 44—Nickel-plated Bell, nickelled figure, 5 1-2 inches high.....Each 2.10

10 ..... 12  
13.50 ..... 16.25

8 ..... 10  
9.25 ..... 16.50

..... Each \$2.00

55  
5 1-2  
3.15

BREAD PLATES

MADE FROM SELECTED WHITE WOOD.

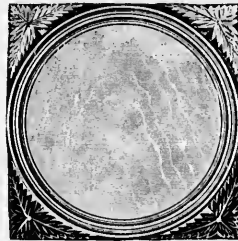


No. K.

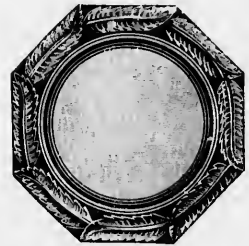


No. 63.

- No. **K**—Round Bread Plates, 12 inches..... Per dozen 8 7.25  
 No. **63**—Round Bread Plates, selected wood, 14 inches..... Per dozen 11.00



No. 2828.

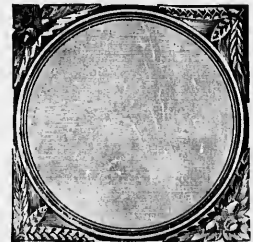


No. 2837.

- No. **2828**—Square Bread Plates, 12 inches..... Per dozen \$13.50  
 No. **2837**—Octagon Bread Plates, 12 inches..... Per dozen 14.25



No. 2896.

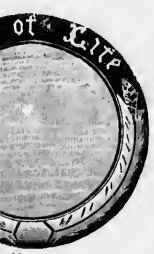


No. 2755.

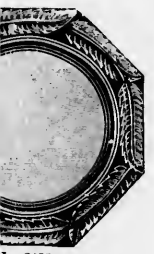
- No. **2896**—Octagon Bread Plates, 12 inches..... Per dozen \$20.50  
 No. **2755**—Square Bread Plates, selected, 12 inches..... Per dozen 22.50

N  
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JAPANNED TRAYS



No. 63.  
..... Per dozen \$ 7.25  
..... Per dozen 11.00



No. 2837.  
..... Per dozen \$13.50  
..... Per dozen 14.25



No. 2755.  
..... Per dozen \$20.50  
..... Per dozen 22.50



No. 2775 - Japanned Tray, 14 inches ..... Per dozen \$1.95  
No. 2775. Gilt Border, Colored Figure.



No. 5744 - Gilt Border.  
Inches ..... 16 ..... 20 ..... 24  
Per dozen ..... \$3.50 ..... 4.50 ..... 6.00



No. 5850 - Gilt Border.  
Inches ..... 16 ..... 20 ..... 24  
Per dozen ..... \$4.25 ..... 6.00 ..... 8.25



No. 5871 - Gilt Border.  
Inches ..... 16 ..... 20 ..... 24  
Per dozen ..... \$6.50 ..... 9.00 ..... 12.25



No. 6770 - Colored Ornamentation.  
Inches ..... 16 ..... 20 ..... 24  
Per dozen ..... \$10.25 ..... 15.00 ..... 18.00

TRAYS



The "Marvel" Waiter

Assorted Designs.

No. 20—9 inches ..... Per gross \$11.00  
 No. 30—12 inches ..... Per gross 23.00

A good strong serviceable white metal tray, highly polished. Splendid designs.

Genuine Carpathian Silver Trays

Equal in appearance to Sterling Silver. Wear White throughout.

7,000,000 now in use.



No. 40.

Assorted Designs.

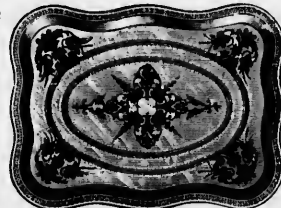
Inches.....	12	16
Per dozen .....	\$8.00	16.75



No. 60.

Assorted Designs.

Inches .....	16	18	20
Per dozen .....	\$10.00	16.00	25.00



No. 50.

Inches .....	12	16	20
Per dozen.....	\$8.50	20.00	44.00



No. 70.

Assorted Designs.

Inches.....	13	16
Per dozen .....	\$5.00	10.00

The strength, quality, finish, and durability of these Trays have alone gained for them the world-wide reputation they now enjoy. Beware of spurious imitations on the market.

IMPORTANT.—No. e are genuine without the Registered Trade Mark, 'GNUN' at the back of the Tray.

No. 2  
 No.  
 No. 2  
 No.  
 No.  
 No.  
 No.  
 No. 2  
 No. 2  
 No. 1  
 No. 2  
 Nos. 7  
 No. 72  
 No. 70  
 No. 4  
 No. 7  
 No. 146  
 No.  
 No. 61  
 No.  
 No. 67  
 No. 61  
 No. 7  
 No. 2  
 No. 21  
 No. 24

CORKSCREWS



No. 652.



No. 1718.



No. 2550.

No. 2550—Folding Pocket, Round Screw, polished.....	Per dozen	\$0.70
No. 971—Folding Pocket, Round Screw, polished.....	Per dozen	.70
No. 2547X5—Folding Pocket, Round Screw, polished.....	Per dozen	1.05
No. 120—Delmonico Nickel-plated, Round Screw, small.....	Per dozen	2.05
No. 115—Delmonico Nickel-plated, Round Screw, large.....	Per dozen	2.05
No. 621—Folding Pocket, Sharp Screw, polished.....	Per dozen	.90
No. 652—Folding Pocket, Sharp Screw, polished.....	Per dozen	1.35
No. 2551—Folding Pocket, Sharp Screw, nickel-plated.....	Per dozen	1.50
No. 2540—Folding Pocket, Sharp Screw, nickel-plated.....	Per dozen	1.80
No. 1718—Folding Pocket, with Spring and Sharp Screw, nickel-plated.....	Per dozen	2.10
No. 2269—Cn cards, nickel and gilt wire, T. handle.....	Per dozen	.90



Nos. 741 and 7293.



No. 6145.



No. 6154.



No. 2104.



No. 51.



No. 6774.

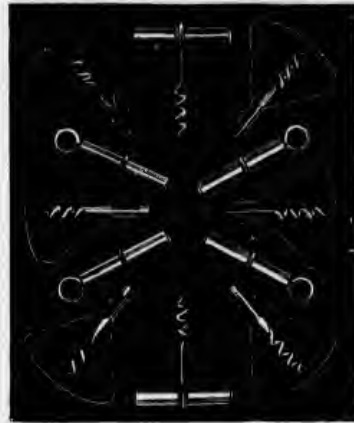


No. 2530.

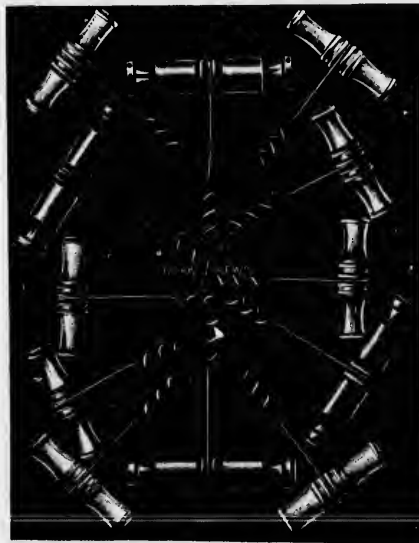
No. 7293—Hardwood Handle, Round Screw.....	Per dozen	\$1.50
No. 7092—Black Enamelled Handle, Round Screw, square shank.....	Per dozen	1.80
No. 475—Black Handle, Round Screw.....	Per dozen	1.15
No. 741—Hardwood Handle, Round Screw, nickel-plated.....	Per dozen	2.85
No. 14667—Stag Handle, Round Screw, extra heavy shank.....	Per dozen	3.60
No. 51—Adelaide Buff Handle, Round Screw.....	Per dozen	3.75
No. 6145—Lightwood Handle, Sharp Screw, nickel-plated.....	Per dozen	3.00
No. 3—Boxwood Handle (as No. 6154).....	Per dozen	3.25
No. 6774—Adelaide Buff Handle, Sharp Screw.....	Per dozen	2.60
No. 6154—Brown Wood Handle, Sharp Screw, nickel-plated.....	Per dozen	4.25
No. 740—Brown Wood Handle, with brush, heavy shank.....	Per dozen	5.25
No. 23—Black Enamelled Handle, with brush (Handle same as 6154), Sharp Screw.....	Per dozen	5.25
No. 2103-4—Sharp Screw, nickel-plated.....	Per dozen	9.75
No. 2146—On cards, Nickel-plated Screw, stag handle.....	Per dozen	2.50

Half dozen on a card.

## CORK SCREWS ON CARDS



No. 165—Tempered Steel Pocket Corkscrews, nickel-plated.....Per card \$1.50  
 Twelve cards in a box.



No. 12—Tempered Steel Table Corkscrews, nickel-plated.....Per card \$1.00  
 Twelve cards in a box.

QUICK AND EASY CORK PULLER



Cut showing Puller in position to use.

1895 Design

With Improved Bottle Holder

No Springs, no Gears, no Intricate Parts to get out of Order.

Finely finished in nickel..... Each \$4.50

This machine combines all the latest improvements, making it the most complete Puller on the market.

The extension of the mouth of the machine makes a centering and gripping device that holds the bottle in perfect line with the screw, thus preventing all possibility of breakage of bottle or screw by coming in contact with each other.

One movement of the lever forward draws the cork, the reverse movement throws the cork off and places the lever back in position.

Owing to the angle of the base only a slight pressure is required to hold the bottle in place while the cork is being drawn. It is provided with crown and seal lifter attachment conveniently placed at one side of the Puller, which is easy to operate and always in place, making a valuable addition, which is highly appreciated. The machine is strongly constructed in every part, each screw being subjected to a severe test. The nut that screw works in is made of a superior composition, giving lasting and wearing qualities.



Cut showing Crown and Seal Lifter Attachment and position of Lever after cork is drawn.

Extra Screws and Nuts for Quick and Easy Cork Puller

Extra Screws..... Per dozen \$6.50

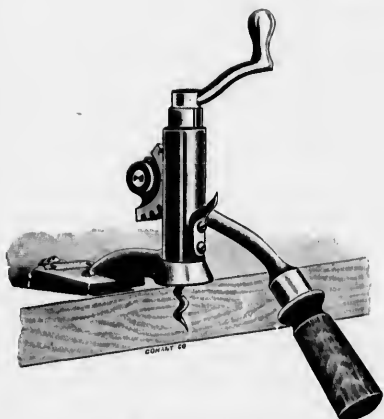
Extra Nuts..... Per dozen 6.50



.....Per card \$1.50

.....Per card \$1.00



**SAMSON CORK PULLER**

Samson Cork Puller.

**Samson Cork Puller**

Nickel-Plated.

A complete and simple machine for Bars, Hotels, etc.

Has stood the test of years.

Each ..... \$2.00

**Walker's Perfected Lemon Squeezer**

WITH CLAMP.



For Bars, Hotels, etc.

Malleable iron, nickel-plated, squeezer heads double coated with tin, each being easily removed for cleansing.

Each ..... \$3.50

These Squeezers are made to meet the demand for a machine that will remove all the juice from the lemon without extracting the oil from the peel or crushing the seeds, which impart a bitter flavor to the juice.

STAMPED TINWARE



Dish Pans

Flat Edge—Retinned.

Quarts.....	<b>8</b>	<b>10</b>	<b>14</b>	<b>17</b>	<b>21</b>
Inches.....	14 x 4½	14¾ x 5¼	16¼ x 5¼	17¾ x 6	19½ x 6¾
1 C..... Per dozen	\$8.75	9.75	11.25	13.50	
1 X..... Per dozen	9.75	11.25	13.50	16.50	20.25
1 X X..... Per dozen		13.00	16.00	19.00	23.00
Plain..... Per dozen		7.50	9.00	10.50	13.25



Kneading Pans

Retinned.

Quarts.....	<b>17</b>
Inches.....	17 x 6¾
1 C—With Covers..... Per dozen	\$30.00
1 X—With Covers..... Per dozen	35.00
1 X X—With Covers..... Per dozen	40.00
Covers only..... Per dozen	10.00



Sauce Pans

Lipped—Retinned.

Nos.....	<b>09</b>	<b>010</b>	<b>012</b>	<b>014</b>	<b>016</b>
Inches.....	4½ x 2½	5 x 2¼	6 x 2½	6½ x 3¼	7 x 3½
Quarts.....	½	¾	1	1½	2
Per dozen.....	\$2.50	2.75	3.15	3.70	4.40

Nos.....	<b>018</b>	<b>020</b>	<b>022</b>	<b>024</b>	<b>026</b>	<b>028</b>	<b>030</b>
Inches.....	8 x 3½	8½ x 4	8¾ x 4¼	10 x 4¼	10¼ x 5	11¼ x 5½	12 x 5¼
Quarts.....	2½	3½	4¼	5½	6½	8	10
Per dozen.....	\$5.15	6.00	7.00	7.85	9.00	10.00	13.00

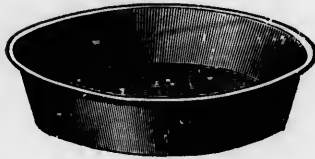


Preserving Kettles

Lipped—With Back Handles—Retinned.

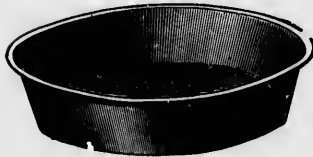
Nos.....	<b>160</b>	<b>180</b>	<b>200</b>	<b>220</b>
Inches.....	7 x 3½	8 x 3½	8½ x 4	8¾ x 4¼
Quarts.....	2	2½	3½	4½
Per dozen.....	\$5.30	5.70	6.20	7.25
Nos.....	<b>240</b>	<b>260</b>	<b>280</b>	<b>300</b>
Inches.....	10 x 4¼	10¾ x 5	11¼ x 5½	12 x 5¼
Quarts.....	5½	6½	8	10
Per dozen.....	\$8.20	9.60	11.25	13.00

STAMPED TINWARE



Milk Pans, IC

Quarts .....	<b>1-2</b>	<b>1</b>	<b>1 1-2</b>	<b>2</b>	<b>3</b>
Inches .....	6½ x 1½	7 x 1½	7½ x 1½	8½ x 2	9½ x 2½
Plain, per doz .....	\$1.15	1.45	1.70	1.95	2.20
Retinned, per doz .....	1.65	2.00	2.35	2.75	3.20
Quarts .....	<b>4</b>	<b>6</b>	<b>8</b>	<b>10</b>	<b>12</b>
Inches .....	10½ x 2½	12½ x 2½	13½ x 3	14 x 3½	16 x 3½
Plain, per doz .....	\$2.90	3.30	4.00	4.30	5.00
Retinned, per doz .....	4.25	5.10	5.80	7.00	8.00



Milk Pans, IX

Quarts .....	<b>4</b>	<b>6</b>	<b>8</b>	<b>10</b>	<b>12</b>
Inches .....	10½ x 2½	12½ x 2½	13½ x 3	14 x 3½	16 x 3½
Plain, per doz .....	\$3.90	4.70	5.50	6.25	7.00
Retinned, per doz .....	5.25	6.50	7.30	8.00	9.00



Pudding Pans

Extra Deep.

Quarts .....	<b>1</b>	<b>1 1-2</b>	<b>2</b>	<b>3</b>
Inches .....	6½ x 2¾	7½ x 2¾	8¾ x 2¾	9½ x 3¼
Plain, per doz .....	\$1.95	2.15	2.50	3.00
Retinned, per doz .....	2.65	3.10	3.60	4.30
Quarts .....	<b>4</b>	<b>6</b>	<b>8</b>	<b>10</b>
Inches .....	10½ x 3¼	12 x 3¼	14 x 3½	16 x 3½
Plain, per doz .....	\$3.50	4.75	5.00	5.50
Retinned, per doz .....	5.10	6.75	7.50	8.75



Milk Strainers

Retinned.

Nos .....	<b>22</b>	<b>23</b>
Inches .....	10½	11½
Per doz .....	\$8.45	7.20



Milk Skimmers

Inches .....	<b>6 x 6</b>
Per doz .....	\$0.96



Wash Bowls

Flat Bottom.

Inches .....	<b>10 1-2</b>	<b>11 1-2</b>	<b>13 1-2</b>
IC—Plain, per doz .....	\$2.50	2.85	3.75
IC—Retinned, per doz .....	3.75	4.25	5.50
IX—Plain, per doz .....	4.00	4.35	5.65
IX—Retinned, per doz .....	5.10	5.70	7.35

STAMPED TINWARE

Dipper Bowls



Nos .....	1	2	4	5	6
Inches.....	4 1/4 x 2 1/2	5 3/8 x 2 1/2	5 3/4 x 2 3/8	6 1/2 x 3	7 1/2 x 3 1/2
Pints.....	1/2	1	2	4	6
Plain.....	Per doz	\$0.75	1.00	1.35	2.05
Retinned.....	Per doz	1.05	1.45	1.80	2.75
				2.75	3.60

Dippers



Nos .....	1	2	4	5	6
Inches.....	4 1/4 x 2 3/8	5 3/8 x 2 1/2	5 3/4 x 2 3/8	6 1/2 x 3	7 1/2 x 3 1/2
Pints.....	1/2	1	2	4	6
Plain...Per doz.	\$1.45	1.80	2.25	3.15	3.80
Retin'd. Per doz.	1.75	2.70	2.90	4.00	4.85

Ladles



Flat Handle--Retinned.

Nos .....	10	11	12
Inches.....	4	4 1/2	5
Per dozen .....	\$2.60	3.15	3.55

Drinking Cups



Retinned.

Nos.....	08	09	010
Inches.....	3 3/4 x 1 3/4	4 3/8 x 2	4 3/4 x 2 1/4
Per dozen.....	\$1.77	1.86	2.16

California Cups



Retinned.

Nos.....	2	4
Inches.....	4 3/8 x 2	4 7/8 x 2 1/4
Per dozen.....	\$1.80	2.10

Pie Plates



Inches .....	6	7	8	9	10	11
Per gross .....	\$9.70	10.50	12.30	14.55	19.20	23.85

Dinner Plates



Inches .....	7	8	9	10
Per gross.....	\$10.50	12.30	14.55	19.20

2 3  
1/2 x 2 9/4 x 2 3/8  
1.95 2.20  
2.75 3.20  
  
10 12  
x 3 1/2 16 x 3 1/2  
4.80 5.00  
7.00 8.00  
  
10 12  
x 3 1/2 16 x 3 1/2  
6.25 7.00  
8.00 9.00  
  
2 3  
1/4 x 2 3/8 9/4 x 3 1/4  
2.50 3.00  
3.60 4.30  
  
8 10  
x 3 1/2 16 x 3 1/2  
5.00 5.50  
7.50 8.75  
  
22 23  
10 1/2 11 1/2  
16.45 7.20  
  
..... 6 x 6  
..... 80.96  
  
4-2 13 1-2  
35 8.75  
25 5.50  
35 5.65  
70 7.35

**BRASS KETTLES**



Inches .....	<b>10</b>	..	<b>11</b>	..	<b>12</b>	..	<b>13</b>	..	<b>14</b>	..	<b>15</b>	..	<b>16</b>
Gallons .....	2	..	2 1-2	..	3	..	4	..	4 1-2	..	5	..	6
Approximate weight in pounds .....	3	..	3 1-2	..	4	..	5	..	5 3-4	..	6 1-2	..	7 1-2
Per pound .....													\$0.45

**Maslin Kettles**



**Saucepans**



<b>Enamelled Maslin Kettles</b>													
Quarts .....	<b>2</b>	..	<b>3</b>	..	<b>4</b>	..	<b>5</b>	..	<b>6</b>	..	<b>7</b>	..	<b>8</b>
Each .....	\$0.60	..	.70	..	.80	..	.90	..	1.00	..	1.20	..	1.40
Quarts .....	<b>9</b>	..	<b>10</b>	..	<b>12</b>	..	<b>14</b>	..	<b>16</b>	..	<b>20</b>	..	<b>24</b>
Each .....	\$1.50	..	1.60	..	1.80	..	2.05	..	2.30	..	2.60	..	3.00

<b>Tinned Saucepans</b>													
Quarts .....	<b>2</b>	..	<b>3</b>	..	<b>4</b>	..	<b>5</b>	..	<b>6</b>	..	<b>7</b>	..	<b>8</b>
Each .....	\$0.63	..	.73	..	.84	..	.96	..	1.11	..	1.21	..	1.21

<b>Enamelled Saucepans</b>													
Quarts .....	<b>2</b>	..	<b>3</b>	..	<b>4</b>	..	<b>5</b>	..	<b>6</b>	..	<b>7</b>	..	<b>8</b>
Each .....	\$0.63	..	.73	..	.84	..	.96	..	1.11	..	1.21	..	1.21

**Pestles and Mortars**



Style of Bell.

Wedgewood Shape .....	Nos.	<b>1</b>	.....	<b>3</b>
Each .....		\$1.15	.....	1.50

<b>Bell Shape</b>				
2 Quart .....			.....	Each \$2.10

Nos. ....  
Each .....

Nos. ....  
Per dozen .....

Nos. ....  
Per dozen .....



Round Soapstone  
Oblong Soapstone  
Oblong Soapstone

Soapstone Foot  
Soapstone Foot

GLUE POTS



Enamelled Cup.

Nos.....	3/0	2 0	0	1	2	3	4	5	6
Each.....	\$0.60	.65	.70	.80	.05	1.20	1.45	1.65	1.95

Acme Fry Pans

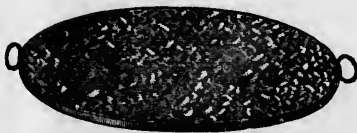


Nos.....	2	3	4	5	6	7
Per dozen.....	\$2.60	3.00	3.40	3.75	4.50	5.00

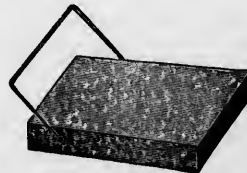
Never Break Steel Spiders

Nos.....	7	8	9
Per dozen.....	\$4.25	5.00	6.00

Soapstone Griddles



Soapstone Foot Warmers



Soapstone Griddles

Round Soapstone Griddles, 12 inches.....	Per dozen	\$12.00
Oblong Soapstone Griddles, 11 x 22 inches.....	Per dozen	22.00
Oblong Soapstone Griddles, 12 x 24 inches.....	Per dozen	24.00

Soapstone Foot Warmers

Soapstone Foot Warmers, 8 x 10 inches.....	Per dozen	\$3.75
Soapstone Foot Warmers, 10 x 12 inches.....	Per dozen	4.75

15 .. 16  
5 .. 6  
6 1-2 .. 7 1-2  
..... \$0.45

7 .. 8  
1.20 .. 1.40  
20 .. 24  
2.60 .. 3.00

6 .. 7  
1.11 .. 1.21  
6 .. 7  
1.11 .. 1.21

3  
1.50  
..... Each \$2.10

## NICKEL-PLATED TEA POTS

Made of full weight 14 ounce copper, handles strongly riveted on



Nos.....	23	24	25	26
Pints.....	3	4	5	6
Per dozen.....	\$11.00	12.50	13.00	14.25

## Nickel-Plated Coffee Pots

Made of full weight 14 ounce copper, handles and spouts strongly riveted on.



Nos.....	41	45	46
Pints.....	4	5	6
Per dozen.....	\$12.00	13.00	14.25

## Copper Tea Kettles

Pit Bottoms.



No. 9—9 inch pit.....	Per dozen	\$20.00
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Nickel-plated

No. 18—8 inch pit.....	Per dozen	18.75
No. 19—9 inch pit.....	Per dozen	20.25

MOTTLED ENAMELLED WARE



Tea Pots

Nos.....	10	20	30	40	50
Quarts .....	1½	2	3	4	5
Per dozen .....	\$10.80	12.00	13.80	15.60	18.00

One dozen in a case.

25 26  
5 6  
13.00 14.25



Lipped Coffee Pots

Nos.....	15	25	35	45	55
Quarts .....	1½	2	3	4	5
Per dozen .....	\$10.80	12.00	13.80	15.60	18.00

One dozen in a case.

ed on.



Tea Kettles

Pit Bottom

Nos.....	700	800	900
Quarts .....	5	7	8
Diameter of Pit, inches .....	7	8	9
Per dozen .....	\$22.80	27.60	33.60

One dozen in a case.

46  
6  
14.25



Lipped Saucepans

Nos.....	12	14	16	18	20
Quarts .....	1	1½	2	2½	3
Per dozen .....	\$3.60	4.20	4.80	6.00	7.20
Nos.....	22	24	26	28	
Quarts .....	4	5	6	7½	
Per dozen .....	\$8.40	9.60	10.80	12.60	

Windsor Saucepans

Retinned Covers.

Nos.....	114	118	122	126	130	134	138
Quarts.....	1½	2	2½	3½	4½	5½	6½
Per dozen ...	\$6.60	7.80	9.00	10.20	11.40	12.60	14.40
						16.20	



..... Per dozen \$20.00

..... Per dozen 18.75  
..... Per dozen 20.25



## MOTTLED ENAMELLED WARE

## Lipped Preserving Kettles



Nos.....	18	20	22	24	26
Quarts.....	2½	3	4	5	6
Per dozen.....	\$6.00	7.20	8.40	9.60	10.80
Nos.....	28	30	32	34	36
Quarts.....	7½	10	12	14	16
Per dozen.....	\$12.60	15.00	18.00	21.60	27.00

## Milk or Rice Boilers



## Retinned Covers.

Nos.....	16	18	20	24
Quarts, inside boiler.....	1½	1¾	2	3
Per dozen.....	\$			

## Deep Pudding Pans



Quarts.....	1	1 1-2	2	3	4
Diameter at top, inches.....	7½	8	8¾	9½	10
Per dozen.....	\$3.60	4.20	4.80	5.40	6.00

## Oval Pudding Pans



Nos.....	1	2	3	4
Quarts.....	1	2	3	4
Per dozen.....	\$5.40	6.60	7.80	9.6

## Pie Plates



Inches.....	9	10	11
Per dozen.....	\$2.40	3.00	3.60

## Soup Plates



Inches.....	7	8	9	10
Per dozen.....	\$2.04	2.40	2.78	3.10

## Deep Dish Pans



Quarts.....	10	14	17	21
Diameter at top, inches.....	15¼	16	18¼	19½
Per dozen.....	\$15.00	18.00	21.00	24.00

MOTTLED ENAMELLED WARE

<b>22</b>	<b>24</b>	<b>26</b>
4	5	6
8.40	9.60	10.80
<b>32</b>	<b>34</b>	<b>36</b>
12	14	16
18.00	21.60	27.00



Basting Spoons

Threaded Pattern.

Inches .....	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>
Per dozen .....	\$1.68	1.92	2.16	2.40

<b>18</b>	<b>20</b>	<b>24</b>
1 1/4	2	3



Flaring Dippers

Flat Handles.

No. <b>110</b> .....	Per dozen \$
----------------------	--------------

<b>3</b>	<b>4</b>
9 1/2	10
5.40	6.00



Extra Strong Dippers

Half Oval Handles.

No. <b>10</b> .....	Per dozen \$
---------------------	--------------

<b>3</b>	<b>4</b>
3	4
7.80	9.6



Wash Basins

Nos. ....	<b>28</b>	<b>30</b>	<b>32</b>	<b>34</b>
Inches .....	11 1-8	12	12 5-8	14
Per dozen .....	\$5.40	6.00	7.80	9.00

<b>10</b>	<b>11</b>
3.00	3.60



Flaring Water Pails

Seamless.

Nos. ....	<b>110</b>	<b>112</b>	<b>114</b>
Quarts .....	10	12	14
Per dozen .....	\$15.00	16.80	19.80

<b>9</b>	<b>10</b>
2.78	3.10



Chamber Pails

Nos. ....	<b>2</b>	<b>3</b>
Quarts .....	12	14
Each .....	\$2.25	2.60

<b>17</b>	<b>21</b>
18 1/4	19 1/2
21.00	24.00

MOTTLED ENAMELLED WARE



Straight Seamed Covered Buckets

With Retinned Covers.

Quarts.....	1	2	3	4
Per dozen .....	\$4.20	5.40	6.60	8.40
Quarts.....	6	8	10	12
Per dozen .....	\$10.80	13.20	15.60	18.00



Cuspidores

No. 10 ..... Per dozen \$



No. 4 ..... Per dozen \$



Grocers' Scoops

No. 30 ..... Per dozen \$

Oval Grocers' Scoops

Galvanized Steel Blades. Maple Heads.



The blades of these Scoops are driven into hard maple heads (not nailed), and are non-corrosive in all their parts.

Nos .....	3	4	5	6
Per dozen .....	\$4.25	5.00	5.75	6.50
Length of bowl, inches.....	8	9	10	11
Width of bowl, inches .....	5	5 3/4	6 1-2	7 1/4

Nos. ....  
 Quarts. ....  
 Per doz. ....  
 No. 11-  
 No. 14-  
 Nos. ....  
 Quarts. ....  
 Per dozen  
 Nos. ....  
 Quarts. ....  
 Per dozen ..

STEEL ENAMELLED WARE

WHITE.

Tea Pots



White, with Retinned Covers

Nos. ....	13	14	16
Quarts .....	1 1-2	2	3
Per dozen .....	\$10.80	12.00	13.80

Chocolate, with Retinned Covers

No. 14—2 quarts ..... Per dozen \$12.00

White, with Decorations, Nickel-plated Covers

No. 14—2 quarts ..... Per dozen \$

Coffee Pots



White, with Retinned Covers

Nos. ....	14	16
Quarts .....	2	3
Per dozen .....	\$	

White, with Decorations, Nickel-plated Covers

Nos. ....	14	16
Quarts .....	2	3
Per dozen .....	\$	

ets  
 3 ..... 4  
 6.00 ..... 8.40  
 10 ..... 12  
 15.00 ..... 18.00

..... Per dozen \$

..... Per dozen \$

..... Per dozen \$

rosive in all their parts.

5 ..... 6  
 5.75 ..... 6.50  
 10 ..... 11  
 6 1-2 ..... 7 1/4

STEEL ENAMELLED WARE

WHITE.



Lipped Saucepans, without Covers

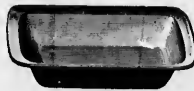
Nos.....	14	16	18	20	22
Inches.....	5 1-2	6 1-4	7 1-8	8	8 3-4
Per dozen.....	\$				

Rice or Milk Boilers and Covers

Retinned.

Nos.....					
Inches.....					
Per dozen.....	\$				

PUDDING PANS



Oblong.



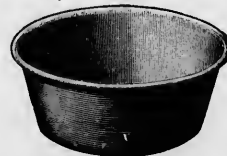
Oval.

Oblong Pudding Pans

Nos.....	10	11	12	13	14
Length at top, inches.....	10	11	12	13	14
Per dozen.....	\$4.32	5.66	6.10	7.44	8.88

Oval Pudding Pans

Nos.....	1	2	3	4
Quarts.....	1	2	3	4
Per dozen.....	\$4.10	4.88	6.22	8.32

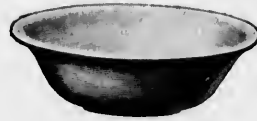


Deep Round Pudding Pans

Quarts.....	1	1 1-2	2	3	4
Inches.....	7 1-2	8	8 3-4	9 1-2	10
Per dozen.....	\$3.60	4.20	4.80	5.40	6.00

STEEL ENAMELLED WARE

WHITE.



Water Pitchers

Nos. ....	.....	.....	.....	.....
Quarts. ....	.....	.....	.....	.....
Per dozen .....	.....	.....	.....	.....
				\$....

Wash Bowls

Nos. ....	.....	.....	.....	.....
Inches at top .....	.....	.....	.....	.....
Per dozen .....	.....	.....	.....	.....



Seamless Pails

Nos. ....	.....	.....	.....
Quarts. ....	.....	.....	.....
Per dozen .....	.....	.....	.....



Chambers

Nos. ....	.....	.....
Inch. ....	.....	.....
Each .....	.....	.....



Chamber Covers

Nos. ....	.....	.....
Inch. ....	.....	.....
Per dozen .....	.....	.....



20 ..... 22  
8 ..... 8.34



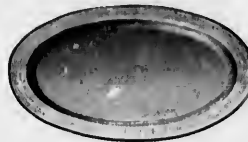
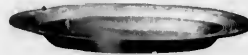
Oval.  
13 ..... 14  
13 ..... 14  
7.44 ..... 8.83

3 ..... 4  
3 ..... 4  
6.22 ..... 8.32

3 ..... 4  
9 1-2 ..... 10  
5.40 ..... 6.09

STEEL ENAMELLED WARE

WHITE.



Oval Meat Dishes

Nos. ....	32	34	37
Inches .....	12 1-2	13 1-2	14 1-2
Per dozen .....	\$		



Plates

Pie.			Dinner.				Soup.						
Inches.....	9	10	11	Inches.....	7	8	9	10	Inches.....	7	8	9	10
Per dozen.....	\$2.40	3.00	3.60	Per dozen..	\$1.92	2.16	2.40	3.00	Per dozen..	\$2.04	2.40	2.78	3.10

Cups and Saucers



No. 694.



No. 690.

Tea Cups

Nos. ....	9	10	
Per dozen ...	\$2.00	2.22	2.56

Nos. ....	8	9
Per dozen.....	\$	

Saucers

Nos. ....	12	13	14
Per dozen .....	\$1.32	1.44	1.66

No. 81

No. 70

Nos ...  
Per doz

No. 772

No. 775

No. 600-

STEEL ENAMELLED WARE

WHITE.



No. 816.



No. 702.



No. 708.

Hanging Soap Dishes

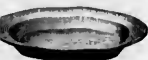
No. 816 x 13—Hanging Soap Dish, 5 1-8 inches ..... Per dozen \$

Tumblers

No. 702 x 8—Tumblers, 3 1-8 inches ..... Per dozen \$

Children's Mugs

Nos .....	7	....	8	....	9	....	10
Per dozen .....	\$2.32	....	2.50	....	2.88	....	3.32



Soup.

7	8	9	10
\$2.04	2.40	2.78	3.10



No. 772.



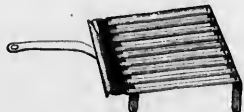
No. 775.

Spittoons

No. 772—Spittoons ..... Per dozen \$

Cuspidores

No. 775—Cuspidores, 8 inches ..... Per dozen \$



No. 600.

Gridirons

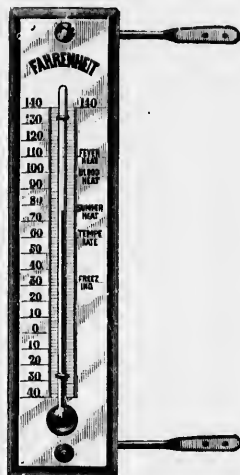
No. 600—Gridiron, 8 bars ..... Per dozen \$

13	14
1.44	1.66

8	9
\$	\$



THERMOMETERS



No. 114/8 3-4.

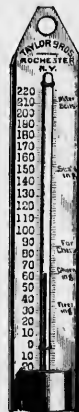


No. 1447.

8 inch common Zinc Bath Thermometer



No.



No.



No.

Japanned Tin Case

7 inches, Japanned Tin Case, mercury or spirit tube .....	Per dozen \$2.25
8 inches, Japanned Tin Case, mercury or spirit tube .....	Per dozen 2.50
10 inches, Japanned Tin Case, mercury or spirit tube .....	Per dozen 2.85

Zinc Case

No. 1447—8 inches, Zinc Flanged (inside), black spirit tube .....	Per dozen \$4.50
No. 1447—10 inches, Zinc Flanged (inside), black spirit tube .....	Per dozen 5.75
No. 1457—10 inches, Zinc Flanged (outside), black spirit tube .....	Per dozen 6.75

Plate Glass Window

No. 114/8 3-4—Heavy Plate Glass .....	Per dozen \$15.00
---------------------------------------	-------------------

Bright Tin Case Dairy

No. —7 inches, Bright Tin Case, ruby tube .....	Per dozen \$2.25
No. —8 inches, Bright Tin Case, ruby tube .....	Per dozen 2.70
No. —10 inches, Bright Tin Case, ruby tube .....	Per dozen 3.00

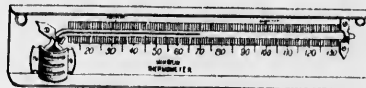
Flange Dairy

No. —7 inches, Bright Tin Case .....	Per dozen \$2.70
No. —8 inches, Bright Tin Case .....	Per dozen 3.00

Glass Dairy

All Glass Floating Dairy .....	Per dozen \$1.65
--------------------------------	------------------

Self-Registering Thermometers



10 inch Zinc Minimum Thermometer.  
No. 1461.

No. 1450—8 inches, Zinc Case, ruby tube .....	Per dozen \$ 4.50
No. 1461—10 inches, Zinc Case, ruby tube .....	Per dozen 9.75
No. 1462—10 inches, Zinc Case, ruby tube .....	Per dozen 14.50

No. 6  
No. 7  
No. 8  
No. 8

No. 11.

Comb

Glass M

**THERMOMETERS**

STANDARD METALLIC.



Every instrument carefully tested, adjusted and warranted.

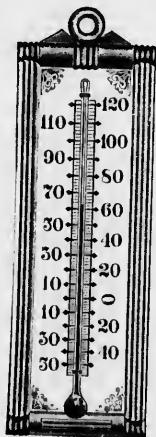
- No. 66—4 inch diameter dial, polished nickel case . . . . . Each \$5.25
- No. 75—6 inch diameter dial, brass case . . . . . Each 4.50
- No. 85 - 9 inch diameter dial, brass case . . . . . Each 4.50
- No. 87—9 inch diameter dial, black metallic case . . . . . Each 4.50

One in a box.



- ..... Per dozen \$2.25
- ..... Per dozen 2.50
- ..... Per dozen 2.85
- ..... Per dozen \$4.50
- ..... Per dozen 5.75
- ..... Per dozen 6.75
- ..... Per dozen \$15.00
- ..... Per dozen \$2.25
- ..... Per dozen 2.70
- ..... Per dozen 3.00
- ..... Per dozen \$2.70
- ..... Per dozen 3.00
- ..... Per dozen \$1.65

**Distance Thermometer**



- No. 11—Distance Thermometer . . . . . Per dozen \$3.00

**Cottage Barometers**

- Combined Thermometer and Storm Glass . . . . . Per dozen 4.50

**Hydrometers**

- Glass Milk Hydrometers, per cent. scale 0-120 . . . . . Per dozen 6.75

**Cottage Barometer**



POCKET COMPASSES



No. 915.



No. 898.

- No. 7607/4 —1 1-2 inch brass case, with slide cover, no ring ..... Per dozen \$ 2 75
- No. 7678/35—1 1-2 inch brass case, no cover, with ring, bevel edge glass ..... Per dozen 2 85
- No. 7678/40—1 3-4 inch brass case, no cover, with ring, bevel edge glass ..... Per dozen 3 50
- No. 3136 —1 3-4 inch nickel watch case, open face, metal dial ..... Per dozen 6 00
- No. 915 —2 inch nickel case, with stop, hinge cover, metal dial ..... Per dozen 12 00
- No. 898 —2 inch chased nickel case, with stop, hinge cover, metal dial ..... Per dozen 18 00

Half dozen in a box.

Dram Flasks



- No. 13150—Leather covered, metal cup..... Per dozen \$16.00

White Metal

- No. 13106 X 1—Vest pocket ..... Per dozen \$ 6.50
- No. 13102 —1 pint ..... Per dozen 22.00
- No. 13102 —1 1-2 pints ..... Per dozen 30.00



Violin Strings

Steel and Gut

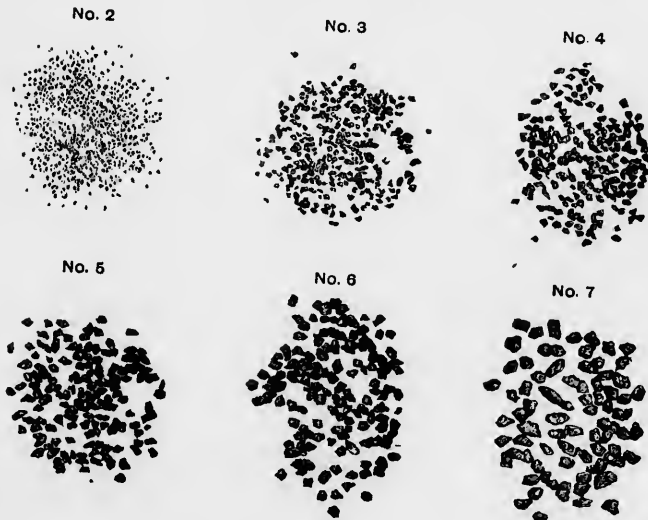
1st, 2nd, 3rd and 4th.

Not  
days for  
other ge  
one keg

GUNPOWDER

NOTE.—Powder can under no circumstance be shipped with or as any other goods. All railroads have special days for receiving and forwarding shipments of powder, consequently it may not reach destination at same time as other goods. On most railroads the freight charge on four kegs (or one hundred pounds) will not be more than for one keg.

Cuts showing size of grain.



... Per dozen \$ 2 75  
 ... Per dozen 2 85  
 ... Per dozen 3 50  
 ... Per dozen 6 00  
 ... Per dozen 12 00  
 ... Per dozen 18 00

... Per dozen \$16.00

... Per dozen \$ 6.50  
 ... Per dozen 22.00  
 ... Per dozen 30.00

FF Kegs,		\$5 00
Cases, 2 doz. 1 lb. tins,		9 00
" 4 " ½ "		9 75
FFF Kegs,		5 25
Cases, 2 doz. 1 lb. tins,		9 50
" 4 " ½ "		10 25
North West Rifle, No. 4, Kegs,		5 25
Trap Shooting, Nos. 3 to 6, Kegs,		6 00
Cases of 5 cans, 5 lbs. each,		7 50
Canadian Rifle, Nos. 1 to 7 Kegs,		7 50
Ducking, Nos. 2 to 7, Metal Kegs, 6¼ lbs.		3 15
Caribou, Nos. 1 to 7, cases 2 doz., 1 lb. cans,		17 00

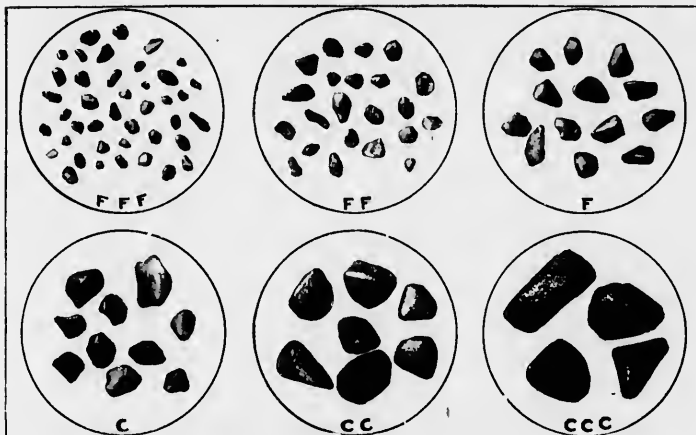
Blasting Powder,  
 Safety Fuse,  
 Batteries,  
 Electric Fuse,  
 Detonators,  
 Dynamite,

Prices on Application.

HAMILTON POWDER CO.

AMERICAN BLASTING POWDER

Cuts showing size of grain.

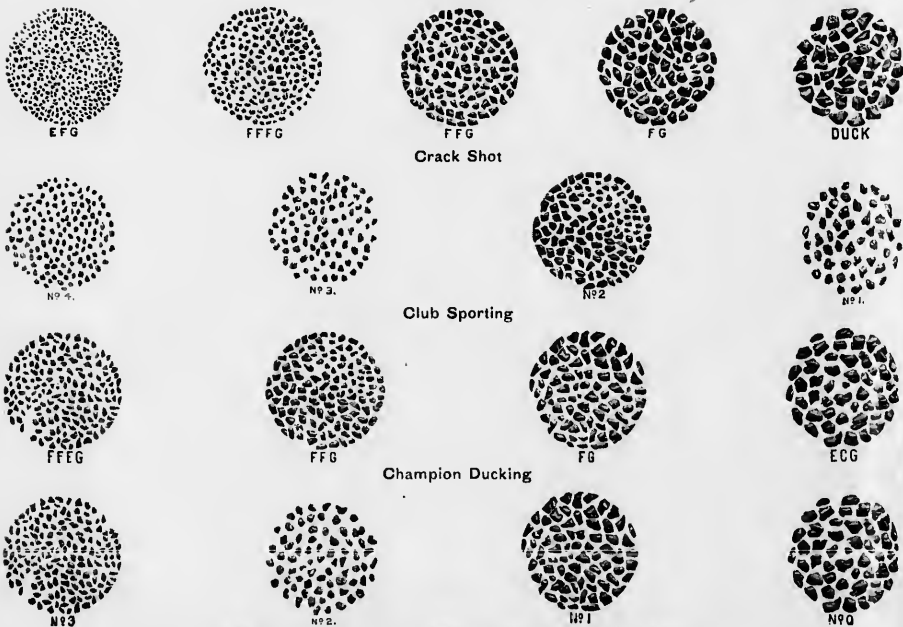


In 25 lb. iron kegs. No extra charge for packages.

American Sporting Powder

Cuts showing size of grain.

Rifle



In 25, 12 1-2 and 6 1-4 lb. iron kegs. No extra charge for packages. Prices on application.

No.  
No.  
No.  
No.

No. 1

GUNPOWDER



"Snap Shot" Sporting Powder

Quick, Clean, Strong and Reliable.

Put up in 25 lb. Fiberoid Kegs. Each keg bears label shown in cut.

American "Champion Club Smokeless" Powder

In 1 lb. tins, kegs, quarter and half kegs.

Prices on application.

MUZZLE LOADING SINGLE GUNS



Imitation Twist Barrels

- No. 10—Forward Action Locks, Blued Mountings, Varnished Stock, Boys' Size..... \$2.80
- No. 12—Back Action Locks, Blued Mountings, Varnished Stock, Men's Size..... 3.25
- No. 14—Back Action Locks, Blued Mountings, Varnished Stock, Men's Size, Ribbed ..... 3.50
- No. 16—Back Action Locks, Case-hardened Mountings, Oiled Walnut Stock, Checkered Grip, Imitation Laminated Barrels, Ribbed ..... 6.75

MUZZLE LOADING DOUBLE GUNS



No. 110 Bar Locks

- No. 110—London, Fine Twist Barrels, Bar Locks, Oiled Walnut Stock, Checkered Grip and Fore-end ..... \$12.50



## BREECH LOADING SINGLE GUNS



Shattuck New Model Top Snap

No. 260—Twist Barrels, Oiled Walnut Stock, Full Capped Pistol Grip and Rubber Butt Plate, Rebounding Lock, Double Bolt, Nickel Frame, Choke Bored, 30 Inch Barrels, 12 Gauge..... \$13.00

## BREECH LOADING DOUBLE GUNS



Lefauchaux Action

No. 310—Blued Steel Barrels, Back Action Locks, Oiled Walnut Stock, Checkered Grip, Improved Double Key Fore-end, 30 Inch Barrels, 12 Gauge, Weight 7 1-2 to 8 1-2 lbs. .... \$9.50



Lefauchaux Action

No. 315—Laminated Steel Barrels, Back Action, Rebounding Locks, Oiled Walnut Stock, Checkered Pistol Grip, Improved Double Key Fore-end, Circular Hammers, Rubber Butt Plate, 30 Inch Barrels, 12 Gauge, Weight 7 1-2 to 8 1-2 lbs. .... \$12.00

BREECH LOADING DOUBLE GUNS



Top Snap, Back Action Locks, Circular Hammers

- No. 420—Imitation Twist Barrels, Oiled Walnut Stock, Checkered Grip and Patent Fore-end, Block Strikers, Checkered Iron Butt Plate, 30 Inch Barrels, 12 Gauge, Weight 7 1-3 to 8 1-2 lbs ..... \$11.00  
 No. 425—Same as 420, but Extended Rib and Checkered Pistol Grip..... 12.50



Top Snap, Rebounding Back Action Locks, Extended Rib

- No. 335—Laminated Barrels, Matted Rib, Oiled Walnut Stock, Checkered Pistol Grip and Patent Fore-end, Block Strikers, Circular Hammers, Rubber Butt Plate, 30 Inch Barrels, 12 Gauge, Weight 7 1-2 to 8 1-2 lbs. \$13.50



Top Snap, Rebounding Bar Locks, Extended Rib

- No. 330—Imitation Damascus Barrels, Matted Rib, Oiled Walnut Stock, Checkered Pistol Grip and Patent Fore-end, Roll Shoulder Frame, Block Strikers, Circular Hammers, Checkered Butt Plate, 30 Inch Barrels, 12 Gauge, Weight 7 1-2 to 8 1-2 lbs. .... \$16.00

Plate, Rebounding  
 ..... \$13.00

Improved Double Key  
 ..... \$9.50

Checkered Pistol  
 Barrels, 12 Gauge,  
 ..... \$12.50



## BREECH LOADING DOUBLE GUNS



Top Snap, Rebounding Bar Locks, Extended Rib

- No. 340 — English Laminated Steel Barrels, Matted Rib, Double Bolt, Oiled Walnut Stock, Checkered Full (Capped) Pistol Grip and Patent Fore-end, Block Strikers, Circular Hammers, Rubber Butt Plate, Left Barrel Full Choked, Right Modified, 10 Gauge, 30 Inch Barrels, Weight 8 1-2 to 9 1-2 lbs. .... \$21.50  
 12 Gauge, 30 Inch Barrels, Weight 7 1-2 to 8 1-2 lbs. .... 21.50  
 14 Gauge, 28 Inch Barrels, Weight 6 1-2 to 7 lbs. .... 21.50  
 No. 340X—Same as 340, but not Rubber Capped Pistol Grip, 12 Gauge only ..... 21.50



Machine Made, Top Snap, Rebounding Bar Locks, Extended Rib

- No. 355—Laminated Barrels, Matted Rib, Oiled Walnut Stock, Checkered Full (Capped) Pistol Grip and Patent Fore-end, Block Strikers, Circular Hammers, Rubber Butt Plate, Left Barrel Choke Bored, 30 Inch Barrels, 12 Gauge, Weight 7 1-2 to 8 1-2 lbs. .... \$24.00



Top Snap, Rebounding Bar Locks, Extended Rib

- No. 350—English Damascus Steel Barrels, Matted Rib, Double Bolt, Oiled Walnut Stock, Checkered Full (Capped) Pistol Grip and Deeley & Edge Patent Fore-end, Block Strikers, Circular Hammers, Rubber Butt Plate, Left Barrel Choke Bored, Right Modified, 10 Gauge, 30 Inch Barrels, Weight 8 3-4 to 9 1-2 lbs. .... \$26.00  
 12 Gauge, 30 Inch Barrels, Weight 7 1-2 to 8 1-2 lbs. .... 26.00  
 No. 350X—Same as 350, but not Rubber Capped Pistol Grip, 12 Gauge only ..... 26.00

No. 36

No. 36

No. 370

No. 375

No. 390—

Ed  
10  
12

BREECH LOADING DOUBLE GUNS



**Top Snap, Rebounding Bar Locks, Extended Rib**

- No. 363—Laminated Barrels, Matted Rib, Greener Cross Bolt, Oiled Walnut Stock, Checkered Full (Capped) Pistol Grip, Deeley & Edge Patent Fore-end, Roll Shoulder Frame, Block Strikers, Circular Hammers, Rubber Butt Plate, Left Barrel Choke Bored, 30 Inch Barrels, 12 Gauge, Weight 7 to 8 Lbs. .... \$28.00
- No. 365—Fine Damascus Barrels, otherwise as 363.
- |   |       |
|---|-------|
| 10 Gauge, Left Barrel Full Choked, Right Modified, Weight 8 3-4 to 9 1-2 Lbs .....                  | 31.50 |
| 12 Gauge, Left Barrel Full Choked, Right Modified, Weight 7 1-2 to 8 1-3 Lbs .....                  | 31.50 |
| 16 Gauge, Left Barrel Full Choked, Right Modified, 28 Inch Barrels, Weight 6 1-2 to 6 8-4 Lbs ..... | 31.50 |



**Top Snap, Rebounding Bar Locks, Extended Rib**

- No. 370—Fine Damascus Barrels, Clover Leaf, Matted Extended Rib, Double Bolt, Oiled Walnut Stock, Checkered Full (Capped) Pistol Grip, Deeley & Edge Patent Fore-end, Roll Shoulder Frame, Block Strikers, Circular Hammers, Rubber Butt Plate, Finely Engraved Mountings, extra quality, Left Barrel Choke Bored, 30 Inch Barrels, 12 Gauge, Weight 7 1-2 to 8 1-2 Lbs. .... \$36.00
- No. 375—Same as 370, but with Matted Taper, Extended Rib and Greener Cross Bolt, 10 and 12 Gauge .....
- |                       |       |
|-----------------------|-------|
| 10 and 12 Gauge ..... | 41.00 |
|-----------------------|-------|



**English Hammerless, Top Snap, Extended Rib, Automatic, Safety Action**

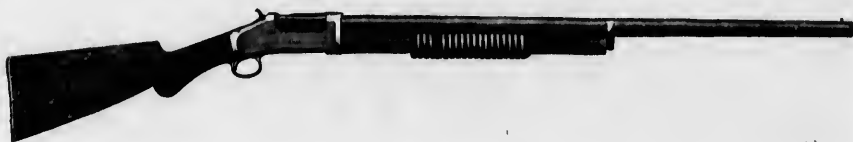
- No. 390—Damascus Barrels, Clover Leaf, Matted Extended Rib, Double Bolt, Oiled Walnut Stock, Checkered Pistol Grip, Deeley & Edge Patent Fore-end, Rubber Butt Plate, Left Barrel Full Choked, Right Modified, 30 Inch Barrels.
- |                                       |         |
|---------------------------------------|---------|
| 10 Gauge, Weight 9 to 9 1-2 Lbs ..... | \$55.00 |
| 12 Gauge, Weight 8 to 8 1-2 Lbs ..... | 52.50   |

Checkered Full  
Rubber Butt Plate, Left  
..... \$21.50  
..... 21.50  
..... 21.50

Rib  
Grip and Patent  
Fore-end Bored, 30 Inch  
..... \$24.00

Checkered Full  
Hammers, Rubber  
8 3-4 to 9 1-2 lbs \$36.00  
7 1-2 to 8 1-2 lbs 36.00  
..... 26.00

## WINCHESTER REPEATING SHOT GUN, MODEL 1893



## 12 Gauge only

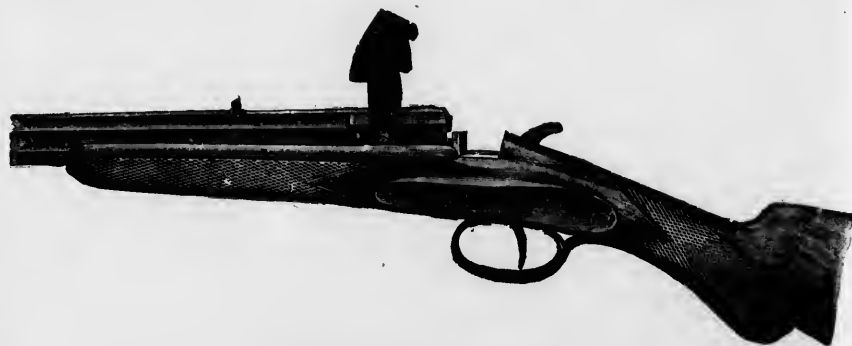
Model 1893. Rolled Steel Barrels, Walnut Stock, Pistol Grip, Length of Stock 13 inches, Drop 2 3-4 inches, Full Choked 30 Inch Barrels; it is operated by a Sliding Fore-arm below the Barrel, and will fire six cartridges without reloading..... \$25.00

## FLOBERT RIFLES



## Warrant Action

No. 600—Polished Blued Barrels, Rifled, Case-hardened Mountings, Oiled Walnut Stock, Checkered Pistol Grip, 22 Inch Barrels, 22 Cal. Rim Fire Cartridges..... \$3.25  
 No. 610—Pieper's make, as above .. 4.00



## Improved Warrant, Automatic Ejector

No. 620—Pieper's Polished Blued Barrels, Rifled, Case-hardened Mountings, Oiled Walnut Stock, Checkered Pistol Grip and Fore-end, Rubber Butt Plate, Heavy 24 Inch Barrels, 22 Cal. Rim Fire Cartridges ..... \$4.50  
 No. 630—Light Barrels, Engraved Nickeled Mountings, 22 Cal. Rim Fire Cartridges..... 5.00  
 No. 650—As 620, but for 32 Cal. Rim Fire Cartridges..... 5.50  
 No. 660—Polished Blued Barrels, Engraved Nickeled Mountings, Oiled Walnut Stock, Checkered Pistol Grip and Fore-end, Rubber Butt Plate, Heavy 24 Inch Barrels, for 32 Cal. Rim Fire Cartridges..... 6.00

WINCHESTER SINGLE SHOT RIFLES



Plain Sporting Rifle

Octagon Barrel, Plain Walnut Stock, Case-hardened Frame, 38 W. C. F. Cartridges..... \$15.00

WINCHESTER REPEATING RIFLES



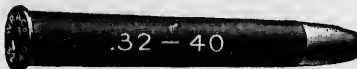
Sporting Rifle, Models 1886 and 1892 Octagon Barrel

Never use in the Model 1886 a cartridge primed with a Berdan primer or with a copper primer.

- 1892 Sporting Rifle. Length of Barrel 24 inches, Number of Shots 15. 32, 38 or 44 Caliber, W. C. F. Cartridges.
  - Round Barrel, Weight 6 3-4 lbs ..... \$18.00
  - Octagon Barrel, Weight 6 3-4 lbs ..... 19.50
- 1886 Sporting Rifle. Length of Barrels 26 inches, Number of Shots, 9 of 45-70-405, 40-65 or 38-56 Cartridges, or 8 of other six Cartridges. Calibers, .50-110-300, .45-90-300, .40-82-260, .40-70-330, .45-70-500, .45-70-405, .40-65-200, .38-70-255, .38-56-255.
  - Round Barrel, Weight 9 lbs ..... 19.50
  - Octagon Barrel, Weight 9 1-4 lbs ..... 21.00



Sporting Rifle, Model 1894, Octagon Barrel



- 1894 Sporting Rifle. Length of Barrel 26 inches, Number of Shots 10. Calibers, .32-40, .38-55.
  - Round Barrel, Weight 7 1-4 lbs ..... \$18.00
  - Octagon Barrel, Weight 7 1-2 lbs ..... 19.50

93  
 Drop 2 3-4 inches, Full  
 will fire six cart-  
 ..... \$25.00

Checkered Pistol Grip,  
 ..... \$3.25  
 ..... 4.00

t Stock, Checkered  
 ce Cartridges ..... \$4.50  
 ..... 5.00  
 ..... 5.50  
 Checkered Pistol Grip  
 idges ..... 6.00

## MARLIN REPEATING RIFLES

## Model 1891



Any of the following cartridges can be used in this rifle.



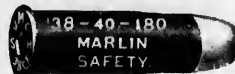
	Round.	Octagon.
Length of Barrel.....	24 inches.	24 inches
No. of shots, Short Cartridges.....	19	19
No. of shots, Long or 22 Shot Cartridges.....	16	16
No. of shots, Rifle Cartridges.....	14	14
Weight, lbs.....	6 1-4	6
Each.....	\$18.00	\$19.50

This Model is also made to use Rim Fire Cartridges 32 Short and Long, and Central Fire 32 Short and Long Colt's, all of which cartridges can be used in same rifle. The rifle as sent from factory is adapted to use Rim Fire ammunition, but is furnished with a Centre Fire firing pin. The firing pins can be interchanged by anyone without tools.

## Model 1889, 1894

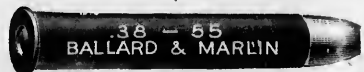


Cartridges made for Colt's Lightning, or Winchester Models 1873 or 1892, can be used.



Length of Barrel.....	Round.	Octagon.
Number of shots.....	24 inches.	24 inches.
Weight, lbs.....	14	14
Each.....	7 1-4	0 7-8
	\$18.00	\$19.50

## Model 1893



Length of Barrel.....	Round.	Octagon.
Number of shots.....	26 inches.	26 inches.
Weight, lbs.....	10	10
Each.....	8 1-4	7 3-4
	\$19.50	\$21.00

LYMAN'S PATENT SIGHTS

When ordering always give caliber and make of rifle.

Combination Rear Sight

These sights more than double the value of a rifle, either for hunting or target shooting; for instantaneous aim can be taken with great accuracy.

The large aperture should be used for nearly all shooting.

This cut shows the POINT BLANK stop-in in the sight stem, to prevent the sight from being turned down too low.

Any one can attach these sights to a rifle in a few minutes.

When ordering give make and size of rifle.

No. 1. . . . . \$3.00



No. 1.

This sight has a large detachable disc and is intended for Match Rifles and Gallery Rifles. It is not as good for "all round" shooting as the \$3.00 combination sight. Many target shooters like it, as it is much better than the Verner peep sight.

The disc is easily removed, and for most work is not needed.

For gallery practice the aperture in the disc can be enlarged to advantage.

When ordering, give make and size of rifle.

No. 2. . . . . \$3.50



No. 2.  
Combination Rear Sight, with Cup Disc.



No. 1.  
Combination Rear Sight, showing the small aperture in use.

Ivory Bead Front Sight



No. 3.

No. 3. . . . . \$1.00

Ivory Hunting Front Sight



No. 4.

No. 4. . . . . \$0.50

These sights can be seen distinctly against any object in the woods or in the bright sunlight.

Ivory Combination Front Sight



No. 5.

This is an excellent sight for "all round" use. The cuts show the open ivory and the shaded globe.

No. 5. . . . . \$1.00

Sporting Wind-Gauge Sight



No. 8.

A good sight for general shooting. It is the combination front sight on the wind-gauge base.

No. 8. . . . . \$3.00

Notice.—The front sight, spirit level and leaf sight, should be driven into the barrel slot from the right-hand side.

Target Sight



No. 17.

No. 17. . . . . \$1.50



No. 17.

For target shooting at the range and gallery this sight is very good. It has a reversible aperture and globe which can be quickly changed.

Jack Sight



No. 20.

No. 20. . . . . \$1.00

A good sight for quick shooting, also in poor light or with the jack at night. It will surprise many to find that this large sight is very accurate.

Ivory Shot Gun Sights

A NEW SYSTEM OF SIGHTING SHOT GUNS



No. 9.

No. 9—Per set. . . . . \$1.00

The left-hand cut shows the large muzzle or front sight. The right-hand cut the small rear sight which is placed about sixteen inches from the muzzle sight.

The first engraving gives the appearance of the sights when aiming at a straight-way bird. The elevation of the gun is right, but the rear sight shows that the gun is out of line, which would not be discovered if these sights were not used. This system is a great help both in the field and at the trap.

Leaf Sight



Both leaves folded down



Using the straight bar.



Using the croch.

No. 6. . . . . \$1.00

One leaf is a bar with a triangular ivory centre, the other is a wide open V croch.

Many sportsmen who use the Lyman rear sights do so with the ordinary croch sight on the barrel. This is much in the way and the shooting is done at a great disadvantage. Lyman's leaf sight can be put in place of it. It folds down close to the barrel, allowing the shooter to use the combination sight in an unobstructed manner, and the result is that the shooting is twice as good as when the ordinary croch sight is on the barrel.

The right-hand screw, as indicated by arrow, adjusts the leaves to fold as tightly as desired.

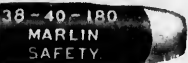


Octagon  
24 inches  
19  
16  
14  
6  
\$19.50

32 Short and Long Colt's  
use Rim Fire Ammunition,  
e without tools.



be used.



Octagon.  
24 inches.  
14  
6 7-8  
\$19.50



Octagon.  
26 inches.  
10  
7 3-4  
\$21.00

## IDEAL RELOADING IMPLEMENTS



A—Opening Mouth of Shell. B—Bullet Mould.  
C—Re-Capping. D—Loading Chamber. E—Bullet Sizer.

Ideal Tool No. 4..... Per set \$2.50

No. 4 Tool will be made for the following and other short Cartridges:

32 Colt's Lightning.	38 Colt's Lightning.	44-40 Marlin.
32 W. C. F.	38-40 Marlin.	44 S. & W. American.
32-20 Marlin.	44 Colt's Lightning.	
38 W. C. F.	44 W. C. F.	

Ideal Tool No. 6..... Per set \$3 00

This Implement, like No. 4, is complete, performing all the operations required. It also has the Bullet Sizer, and is adapted to load the larger Cartridges, Military and Sporting. No. 6 Tool is for Grooved Bullets only, No. 3 Special Tool for Patched Bullets. No. 6 adapted to the following and other Sporting and Military Cartridges:

32-40 Marlin, Bullard and Winchester.	40-60 Colt's and Marlin.	45-70-405 U. S. Gov't.
38-55.	40-65 W. C. F.	45-70-500 U. S. Gov't.
38-56 Winchester and Colt's.	40-82 W. C. F.	45-70 Marlin.
40-60 W. C. F.	45-60 W. C. F.	45-90 W. C. F.

## Winchester Reloading Implements



Pistol Sizes and 32, 38 and 44 Models 1873 and 1892.

Winchester Reloading Implements..... Per set \$2.50

The reloading tool, as constructed, removes the exploded primer, straightens the shell at the mouth, inserts the new primer, and fastens the ball in the shell. A set of implements comprises the reloading tool, a bullet-mold, and charge-cup.



Model 1894 Reloading Tool..... Per set \$3.00

This tool has been devised to make more easy the reloading and resizing of large sporting ammunition.

This model will only be made for the following sizes of Cartridges:

32-40.	40-65 W. C. F.	45-70-500 U. S. Gov't.
38-55.	40-70 W. C. F.	45-90 W. C. F.
38-56. W. C. F.	40-82 W. C. F.	50-110 Exp. W. C. F.
38-70. W. C. F.	45-70-405 U. S. Gov't.	

Model 1894 Reloading Tool, for Express Cartridges..... Per set \$3.50

RIM FIRE CARTRIDGES



Round Ball.

Round Ball..... Per 1000 \$4.00  
 Conical Ball..... Per 1000 4.50  
 For Flobert and other Gallery Rifles.  
 10,000 in Case.



Conical Ball.

Per 1000, \$5.00.  Powder 3 grains.  
 10,000 in Case. Lead 30 grains.

For 22 Caliber Revolvers and Rifles.

Per 1000, \$6.00.  Powder 5 grains.  
 10,000 in Case. Lead 30 grains.

For 22 Caliber Long, Revolvers and Rifles.

Per 1000, \$8.00.  Powder 5 grains.  
 10,000 in Case. Lead 40 grains.

For Winchester, Single Shot and various Rifles of this  
 Caliber.

Per 1000, \$9.00.  Powder 7 grains.  
 5000 in Case. Lead 45 grains.

Adapted to Winchester Repeating Rifle, Model 1890,  
 and Winchester Single Shot Rifle.

Per 1000, \$14.  Powder 11 grs.  
 2000 in Case. Lead 65 grains.

Adapted to Winchester and Stevens' Single Shot Rifles.

Per 1000, \$9 00.  Powder 6 grains.  
 5000 in Case. Lead 55 grains.

For Sharp's No. 2 Standard O.K., Stevens' Single Shot  
 and other Pistols and Rifles of this Caliber.

Per 1000, \$10.50.  Powder 9 grains.  
 5000 in Case. Lead 55 grains.

Adapted to Colt's and other Pistols and Rifles.

Per 1000, \$10.00  Powder 9 grains.  
 5000 in Case. Lead 62 grains.


For Winchester Single Shot Rifles, Revolvers and  
 Single Shot Pistols of this Caliber.

Per 1000, \$11.50  Powder 13 grains.  
 5000 in Case. Lead 90 grains.

For Winchester Single Shot Rifle and various Rifles and  
 Pistols of this Caliber.

Per 1000, \$16.00.  Powder 18 grains.  
 3000 in Case. Lead 130 grains.

For all Revolvers of this Caliber, and Ballard, Wesson,  
 Remington and other Rifles.

Per 1000, \$18.00  Powder 21 grs.  
 3000 in Case. Lead 148 grains.

For Ballard, Wesson, Remington, Stevens' and other  
 Rifles and Revolvers.

Per 1000, \$23.00  Powder 21 grains.  
 2000 in Case. Lead 200 grains.

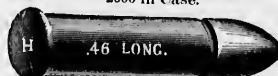
For Hull Dog, Remington and other Pistols.

Per 1000, \$24.00  Powder 28 grs.  
 2000 in Case. Lead 200 grains.

For Henry and Winchester, Model 1866, Rifles.



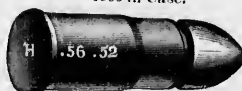
Per 1000..... \$25.00  
 Powder 28 grains, Lead 220 grains.  
 For Wesson, Ballard, Remington and other Rifles.  
 2000 in Case.



Per 1000..... \$33.00  
 Powder 40 grains, Lead 300 grains.  
 Adapted to Remington and Ballard Rifles.  
 2000 in Case.



Per 1000..... \$40.00  
 Powder 45 grains, Lead 350 grains.  
 For Spencer, Remington, Sharp, and other Rifles and  
 Carbines.  
 1000 in Case.



Per 1000..... \$40.00  
 Powder 45 grains, Lead 386 grains.  
 For Spencer, Military and other Rifles.  
 1000 in Case.



Per 1000..... \$40.00  
 Powder 45 grains, Lead 350 grains.  
 For Spencer, Ballard and Joslyn Carbines.  
 1000 in Case.

Shot Cartridges



22 Long Shot..... Per 1000 \$11.00  
 32 Long Shot..... Per 1000 22.00  
 22 Long Shot—Size of Shot No. 12. 10,000 in Case.  
 32 Long Shot—Size of Shot No. 10. 5000 in Case.



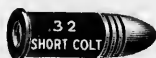
## CENTRAL FIRE CARTRIDGES



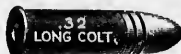
Per 1000 .....\$18.00  
 Powder 19 grains, Bullet 86 grains.  
 Adapted to Winchester, Maynard, and Stevens'  
 Single Shot Rifles.  
 2000 in Case.



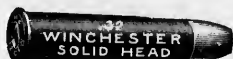
Per 1000 .....\$11.00  
 Powder 9 grains, Bullet 85 grains.  
 For Smith & Wesson Revolvers No. 1 1-2, and other  
 Revolvers of this Caliber.  
 5000 in Case.



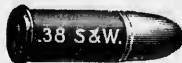
Per 1000 .....\$11.00  
 Powder 9 grains, Bullet 82 grains.  
 For Marlin Rifle, Model '91, Colt and other Revolvers.  
 5000 in Case.



Per 1000 .....\$12.00  
 Powder 13 grains, Bullet 90 grains.  
 For Marlin Rifle, Model '91, Webley and other Revolvers.  
 5000 in Case.



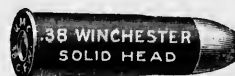
Per 1000 .....\$16.00  
 Powder 20 grains, Bullet 115 grains.  
 For Winchester Repeating Rifles, 32 Caliber, Models  
 1873 and 1892, Winchester Single Shot Rifle, and  
 Marlin.  
 2000 in Case.



Per 1000 .....\$13.50  
 Powder 14 grains, Bullet 150 grains.  
 For Smith & Wesson Bull Dog and other Revolvers.  
 2000 in Case.



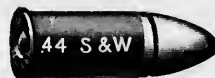
Per 1000 .....\$14.50  
 Powder 19 grains, Bullet 150 grains.  
 4000 in Case.  
 Adapted to Colt's Revolvers and Rifles of this  
 Caliber.



Per 1000 .....\$19.00  
 Powder 38 grains, Bullet 180 grains.  
 For Winchester Repeating Rifles, 38 Caliber, Models  
 1873 and 1892, Winchester Single Shot Rifle,  
 and Marlin.  
 2000 in Case.



Per 1000 .....\$14.50  
 Powder 15 grains, Bullet 168 grains.  
 For Webley, Bull Dog and other Revolvers.  
 2000 in Case.



Per 1000 .....\$19.00  
 Powder 25 grains, Bullet 205 grains.  
 For Smith & Wesson American Model Revolvers.  
 2000 in Case.

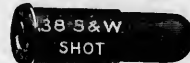


Per 1000 .....\$19.00  
 Powder 40 grains, Bullet 200 grains.  
 For Winchester Repeating Rifles, 44 Caliber, Models 1873  
 and 1892, Winchester Single Shot, and Marlin,  
 Smith & Wesson's Double Action and  
 Colt's Frontier Revolvers.  
 2000 in Case.



Per 1000 .....\$30.00  
 Powder 48 grains, Bullet 250 grains.  
 For Frank Wesson and other Rifles.  
 2000 in Case.

## Shot Cartridges



Per 1000 .....\$14.50  
 Size of Shot, No. 10.  
 2000 in Case.



Per 1000 .....\$20.00  
 Size of Shot, No. 8.  
 2000 in Case.

CENTRAL FIRE CARTRIDGES

ESTER  
EAD ..... \$19.00  
Bullet 180 grains.  
Rifles, 38 Caliber, Model  
Single Shot Rifle,  
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..... \$14.50  
Bullet 168 grains.  
and other Revolvers.  
ise.

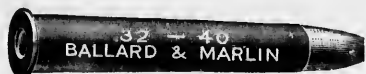
..... \$19.00  
Bullet 205 grains.  
ann Model Revolvers.  
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ESTER  
B73 ..... \$19.00  
Bullet 200 grains.  
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e Shot, and Marlin.  
ible Action and  
revolvers.  
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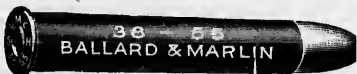
..... \$30.00  
Bullet 250 grains.  
d other Rifles.  
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idges  
..... \$11.50  
No. 10.  
e.

ESTER  
..... \$20.00  
No. 8.  
e.



Per 1000..... \$27.00  
Powder 40 grains, Bullet 165 grains.  
For Winchester Single Shot, and Repeating Rifle Model  
1894, and Marlin and Ballard Rifles.  
1000 in Case.



Per 1000..... \$33.00  
Powder 48 grains, Bullet 255 grains.  
For Winchester Single Shot, and Repeating Rifle Model  
1894, and Marlin and Ballard Rifles.  
1000 in Case.



Per 1000..... \$33.00  
Powder 56 grains, Bullet 255 grains.  
For Winchester Single Shot, and Repeating Rifle  
Model 1886.  
1000 in Case.



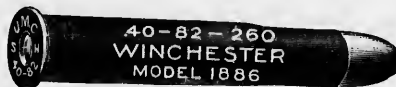
Per 1000..... \$33.00  
Powder 60 grains, Bullet 260 grains.  
For Marlin Repeating Rifle.  
1000 in Case.



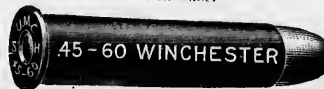
Per 1000..... \$32.00  
Powder 62 grains, Bullet 210 grains.  
For Winchester Repeating Rifle, Model 1876, 40-60 and  
Winchester Single Shot Rifle.  
1000 in Case.



Per 1000..... \$33.00  
Powder 65 grains, Bullet 260 grains.  
For Winchester Single Shot Rifle, and Repeating Rifle  
40-65, Model 1886.  
1000 in Case.



Per 1000..... \$36.00  
Powder 82 grains, Bullet 260 grains.  
For Winchester Single Shot Rifle, and Repeating Rifle  
40-82, Model 1886.  
1000 in Case.



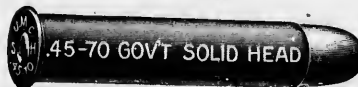
Per 1000..... \$33.00  
Powder 62 grains, Bullet 300 grains.  
For Winchester Single Shot Rifle, and Repeating Rifle  
45-60, Model 1876.  
1000 in Case.



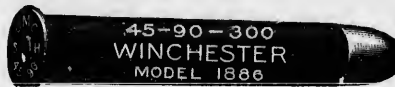
Per 1000..... \$35.00  
Powder 75 grains, Bullet 350 grains.  
For Winchester Single Shot Rifle, and Repeating Rifle  
45-75, Model 1876.  
1000 in Case.



Per 1000..... \$35.00  
Powder 70 grains, Bullet 405 grains.  
For Winchester Repeating Rifles Model 1886, and  
Marlin Repeating Rifles.  
1000 in Case.











Per 1000..... \$35.00  
Powder 70 grains, Bullet 405 grains.  
For New Model Springfield, Hotchkiss Repeating Rifle  
Model 1883 and Winchester Single Shot and Repeat-  
ing Rifle Model 1886.  
1000 in Case.



Per 1000..... \$36.00  
Powder 90 grains, Bullet 300 grains.  
For Winchester Single Shot Rifle and Repeating Rifle  
Model 1886.  
1000 in Case.

## PRIMERS

	No. 1 —Berdan, for Sporting and Military Cartridges .....	Per 1000 \$1.80
	No. 0 —U. M. C., Copper, for Cartridges 32 S. & W., 32 Short, 32 Long, 38 S. & W., 44 S. & W., American Model .....	Per 1000 2 25
	No. 1 —U. M. C., Copper, for Cartridges 32 and 38 Winchester, 44 Bull Dog, 44 Winchester, 44 Long .....	Per 1000 2 25
	No. 11-2—U. M. C., Brass, for Cartridges 32-40, 38-55, 40-60 Marlin, 40-60 Winchester, 45-70 Marlin .....	Per 1000 2 25
	No. 2 —U. M. C., Copper, for Paper and Brass Shot Shells .....	Per 1000 2 25
	No. 2 1-2—U. M. C., Brass, for Cartridges 38-56, 40-65, 40-82, 45-60, 45-75 (45-70, Gov't.), 45-90 ..	Per 1000 2 25
	No. 3 —U. M. C., for Trap, Walsrode and Smokeless Paper Shot Shells .....	Per 1000 2 25
	No. 3 W —Winchester, Copper, for "Blue Rival" Paper Shot Shells .....	Per 1000 2 25

Nos. 1 and 1 1-2 are same size; Nos. 2 and 2 1-2 are same size.

## Dominion Primers

Interchangeable with U. M. C. make.

Nos. 1, 1 1-2, 2, 2 1-2 .....	Per 1000 \$2.10
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250 in a box, 1000 in a package.

## Eley's Primers





Eley's C. F. Primers. For Breech Loading Shot Shells .....	Per 1000 \$1.65
Eley's C. F. Primers. For Breech Loading Shot Shells, Seconds .....	Per 1000 1 25

100 in a box, 1000 in a package.

## Percussion Caps

In Tin Boxes of 100.



	Eley Bros.' E. B. Foil Lined Waterproof Caps .....	Per 1000 \$0.85
	F. C. Trimmed Edge Foil Lined Caps .....	Per 1000 .75
	German Waterproof Gun Caps, in Paper Boxes .....	Per 1000 .45
	Eley Bros.' E. B. Foil Lined Waterproof Military Caps .....	Per 1000 1 20

100 in a box, 1000 in a package.

GUN WADS



Nos. ....	9	10	12
Eley Bros.' Thin Card .....	Per 1000 \$0.35	.32	.25

1000 in a box.



Nos. ....	8	9	10	11 to 20
Eley Bros.' Elastic Chemically Prepared. ....	Per 1000 \$1.20	1.05	1.05	.95

250 in a box.

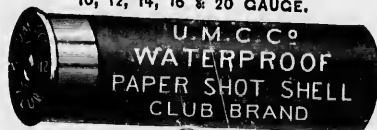


Eley Bros.' Brown Thick Felt .....	Per pound \$1.05
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Half-pound in a bag.

Paper Shot Shells

10, 12, 14, 16 & 20 GAUGE.



USING U. M. C. No. 2 PRIMER.

Length of Shell, inches .....	2 7-8	2 5-8	2 7-8	2 9-16	2 9-16	2 1-2
Gauge.....	10	12	12	14	16	20
U. M. C., Club, C. F. ....	Per 1000 \$9.00	8.00	9.00	7.50	7.50	7.50
Winchester Blue Rival, C. F. ....	Per 1000 9.00	8.00	9.00	7.50	7.50	7.50
Dominion Trap, C. F. ....	Per 1000 9.00	8.00	9.00	7.50	7.50	

100 in a box.

Eley Bros.' Job, C. F., 10 gauge .....	Per 1000
Eley Bros.' Job, C. F., 12 gauge .....	Per 1000

500 in a package.



Winchester Blue Rival, for Nitro or Black Powders, C. F., 10 gauge, 2 7-8 inches .....	Per 1000 \$9.00
Winchester Blue Rival, for Nitro or Black Powders, C. F., 12 gauge, 2 5-8 inches .....	Per 1000 8.00

100 in a box.

Brass Shot Shells



Dominion Brass Shot Shells, C. F., 10 gauge, 2 7-8 inches .....	Per 100 \$8.00
Dominion Brass Shot Shells, C. F., 12 gauge, 2 5-8 inches .....	Per 100 8.00
Winchester First Quality Brass Shot Shells, C. F., 12 gauge, 2 5-8 inches .....	Per 100 10.00

25 in a box, use No. 2 primer.

LOADED SHOT SHELLS



All Shells Loaded with One Card and Two Black Edge Wads over Powder, and One Card Wad over Shot.

10 Gauge, 4 1/4 Drams Powder, 1 1/4 Ounces Shot.

12 Gauge, 3 3/4 Drams Powder, 1 1/4 Ounces Shot.

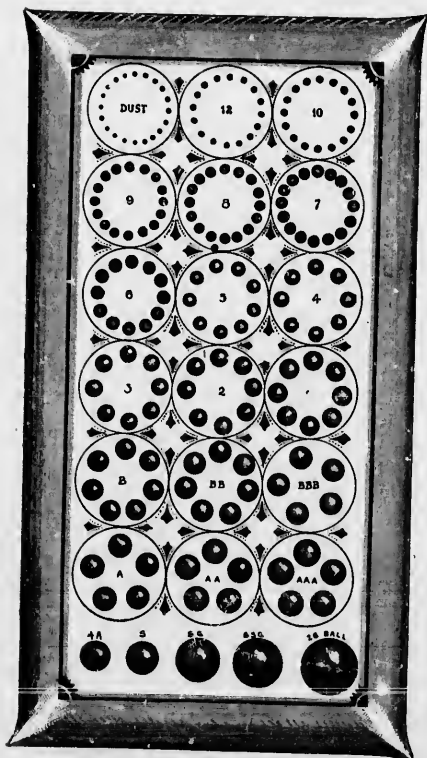
16 Gauge, 2 3/4 Drams Powder, 1 Ounce Shot.

20 Gauge, 2 1/2 Drams Powder, 3/4 Ounce Shot.

\* Shells with Special Loads differing from above to order.

Gauge	10	12	16	20
Dominion Trap Loaded Shells	Per 1000 \$24.00	21.00	.....	.....
U. M. C. Club Loaded Shells	Per 1000 30.50	26.50	.....	.....
Winchester Blue Rival Loaded Shells	Per 1000 30.50	26.50	26.00	24.50

25 in a box, 500 in a case.



COMPARATIVE TABLE OF NITRO POWDERS.

	Schultze.	"S.S."	"E.C."
2 1/2 drs. (meas.) Black Powder equal	... 35 grs.	34 grs.	35 grs.
2 3/4 drs. (meas.) Black Powder equal	... 38 grs.	36 grs.	40 grs.
3 drs. (meas.) Black Powder equal	... 42 grs.	38 grs.	44 grs.
3 1/4 drs. (meas.) Black Powder equal	... 45 grs.	40 grs.	47 grs.
3 1/2 drs. (meas.) Black Powder equal	... 48 grs.	43 grs.	50 grs.
3 3/4 drs. (meas.) Black Powder equal	... 51 grs.	46 grs.	53 grs.

1 lb. = 256 drs. = 7000 grs.

Shot

Ordinary Drop Shot

In 25 lb. bags.

Nos. AAA to DUST	Per pound \$0 06
Nos. SSSG, SSG, SG and AAAA	Per pound 07
No. 28 Ball	Per pound 07 1/2

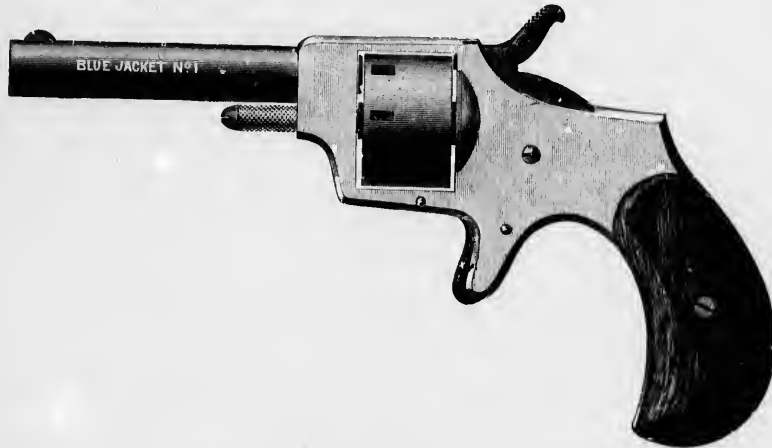
Double Chilled Shot

In 25 lb. bags.

Nos. 1 to 10	Per pound \$0 06 1/2
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Shot can be supplied in 3 and 5 lb. bags at an advance in List Price of 1/2c. per lb.

RIM FIRE REVOLVERS



Blue Jacket No. 1

No. 87—22 Caliber, 7 Shots, Wood Stock, Full Nickel-plated, Plain Cylinder, Round Barrel, for Short Rim Fire Cartridges ..... Each \$1.45



Ranger No. 1

No. 93—22 Caliber, 7 Shots, Rubber Stock, Full Nickel-plated, Plain Cylinder, Round Barrel, for Long or Short Rim Fire Cartridges ..... Each \$1.90



Card Wad over Shot.

<b>12</b>	<b>16</b>	<b>20</b>
21.00	.....	.....
26.50	.....	.....
26.50	26.00	24.50

NITRO POWDERS.

Schultze.	"S.S."	"E.C."
l...35 grs.	34 grs.	35 grs.
l...38 grs.	36 grs.	40 grs.
l...42 grs.	38 grs.	44 grs.
l...45 grs.	40 grs.	47 grs.
l...48 grs.	43 grs.	50 grs.
l...51 grs.	46 grs.	53 grs.
000 grs.		

Shot

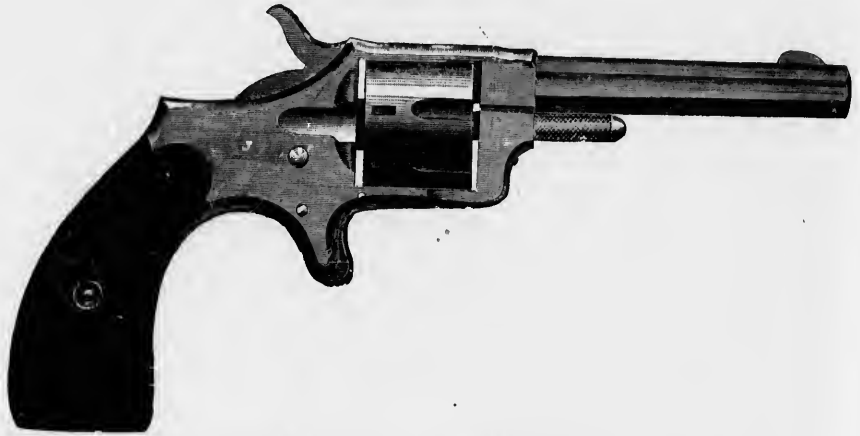
.....	Per pound \$0 06
.....	Per pound .07
.....	Per pound .07½

Shot

.....	Per pound \$0 06½
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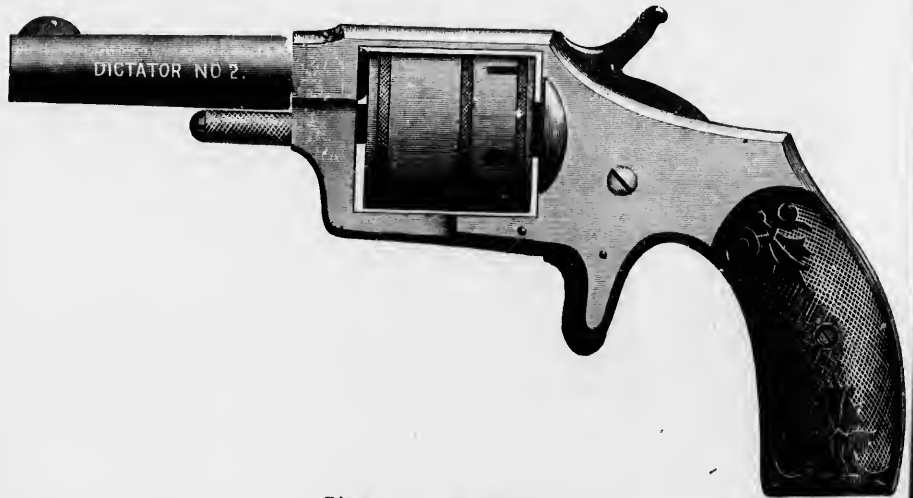
b. bags at an advance per lb.

## RIM FIRE REVOLVERS



Blue Jacket No. 11-2, Saw Handle

No. 110—22 Caliber, 7 Shots, Rubber Stock, Full Nickel-plated, Fluted Cylinder, Octagon Barrel, for Long or Short Cartridges..... Each \$2.50



Dictator No. 2, Saw Handle

No. 147—32 Caliber, 5 Shots, Wood Stock, Full Nickel-plated, Plain Cylinder, Round Barrel, for Long or Short Rim Fire Cartridges..... Each \$2.25  
 No. 148—Same as 147, but Rubber Stock..... Each 2.40  
 No. 150—Same as 147, but Pearl Stock..... Each 5.50  
 No. 193—32 Caliber, Ranger No. 2, 5 Shots, Rubber Stock, Full Nickel-plated, Fluted Cylinder, Octagon Barrel, for Long or Short Rim Fire Cartridges..... Each 3.00

Fore  
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British  
 British

CENTRAL FIRE REVOLVERS



Forehand Arms Co. Double Action

- Forehand Arms Co—32 and 38 Calibers, 5 Shots, Rubber Stock, Full Nickel-plated, Fluted Cylinder, Octagon Barrel, for 32 and 38 S. & W. Cartridges..... Each \$2.00
- American Double Action—32 Caliber, 6 Shots, Rubber Stock, Full Nickel-plated, Fluted Cylinder, 4 1-2 Inch Octagon Barrel, for 32 H. & R. Long, or 32 S. & W. Cartridges..... Each 3.00



British Bull Dog

- British Bull Dog—32 Caliber, 6 Shots, Ebony Stock, Full Nickel-plated, Fluted Cylinder, Round Barrel, with Loading Gate and Expelling Pin..... Each \$2.10
- British Bull Dog—38 and 44 Calibers..... Each 2.25



Barrel, for Long or Short..... Each \$2.50



for Long or Short  
..... Each \$2.25  
..... Each 2.40  
..... Each 5.50  
r, Octagon Barrel,  
..... Each 3.00



## CENTRAL FIRE REVOLVERS



XL Double Action, No. 3.

No. 482, XL No. 3—32 Caliber, Rubber Stock, Full Nickel-plated, Fluted Cylinder, 3 Inch Octagon Barrel, for 32 S. & W. Cartridges..... Each \$3.40



XL Double Action, with Side Extractor

No. 441—32 Caliber, 6 Shots, Folding Hammer, Rubber Stock, Full Nickel-plated, Fluted Cylinder, 3 1-2 Inch Octagon Barrel, Loading Gate and Side Shell Ejector ; for 32 S. & W. Cartridges..... Each \$6.00

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Police A  
Police A  
H. & R.

CENTRAL FIRE REVOLVERS



S. & W. Pattern and Marlin Double Action

Smith & Wesson Pattern—32 Caliber, 5 Shots, Rubber Stock, Full Nickel-plated, for 32 S. & W. Cartridges, Each	\$ 4.15
Smith & Wesson Pattern—38 Caliber.....	4.50
Marlin—32 and 38 Calibers, 5 Shots, Rubber Stock, Full Nickel-plated, 3 1-2 Inch Barrel, for 32 and 38 S. & W. Cartridges .....	10.50

The Marlin has no superior. No expense or care has been spared to make this Arm as near perfection as possible. Its style is identical with the Smith & Wesson Revolver, and in no respect its inferior.



H. & R. Police Automatic and H. & R. Automatic Double Action

Police Automatic—32 Caliber, 6 Shots, Safety Hammer, Rubber Stock, Full Nickel-plated, 3 1-4 Inch Barrels, for C. F., H. & R. Long or S. & W. Short Cartridges .....	Each	\$5.70
Police Automatic—38 Caliber, 5 Shots, for S. & W. Cartridges.....	Each	5.70
H. & R. Automatic—32 and 38 Calibers, same as Police Automatic, but with Regular Hammer .....	Each	5.70

..... Each \$3.40

..... Each \$6.00

## CENTRAL FIRE REVOLVERS



Hammerless

No. 611—32 Caliber, Hopkins & Allen, Automatic Hammerless, Safety Lock, Rubber Stock, Full Nickel-plated, Special Small Reduced Frame; for pocket use; for 32 S. & W. Cartridges ..... Each \$8 23

## Powder Flasks

OUTSIDE SPRING TOP.

No. 5172—8 ounces..... Per dozen \$3.35

No. 5179—8 ounces..... Per dozen 4.60



## Shot Pouches

No. 14333—2 1-2 pounds, Brass Lever  
Charger, Plain Russet Leather  
..... Per dozen \$ 6.00

No. 53007—3 pounds, Steel Lever  
Charger, Plain Heavy Russet  
Leather ..... Per dozen 15.00

Half dozen in a package.



No. 0

No. 0

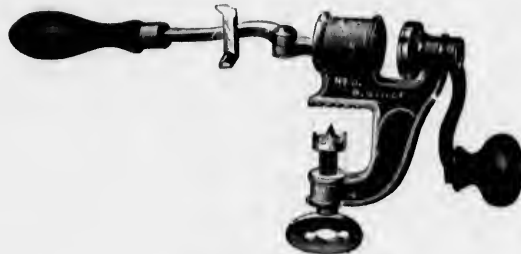
The  
able toof plum  
shell.

The N

No. 2  
No. 117

No. 1175

**BENCH CLOSERS**

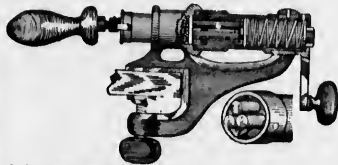


**No. 0 Improved**

- No. 0—Malleable Iron, Brown Japanned, Case-hardened Lever, Brass Cup, 10 and 12 Gauge ..... Per dozen \$5.65  
 No. 0—Malleable Iron, Brown Japanned, Case-hardened Lever, Brass Cup, 14 and 16 Gauge ..... Per dozen 6.80  
 One in a box.

**The Nichol Anti-Friction Straight Feed Bench Closer**

The only tool that will positively crimp every shell alike, no matter what the variation in load may be. Invaluable to users of nitro powders.



**SPECIAL FEATURES OF THIS CLOSER ARE:**

The Improved Crimping Head, in which the unfluted extremity of the cartridge shell is caused to be turned inward against the wad. The head is rotated, carrying the plungers in the arc of a circle around the inner part of the shell, and as the shell is forced inward, the end being forced against the pins of the revolving head, is folded or turned inward against the wad, bringing the folded portion next the plungers, which, by frictional contact are caused to rotate in the head. The head revolves and sees to roll the folded portions together, while the ends of plungers bear against the wad and by the tension of the coiled spring firmly force wad against the contents of the shell. A great amount of friction on the wearing parts is obviated, contributing to the life of the tool.

- The Nichol Anti-Friction Bench Closer, 10 and 12 Gauge ..... Per dozen \$18.00  
 One in a box.

**Shell Extractors**



**No. X.**



**No. 1170.**

- No. X—Ring Shell Extractor, Nickered Iron, 10 and 12 Gauge ..... Per dozen \$0.55  
 No. 1170—Ring Shell Extractor, with Screw for Recapping, Polished Nickel Finish, 10 and 12 Gauge. Per dozen 5.00



- No. 1175—Hook Shell Extractor, Polished Nickel Finish, 10 and 12 Gauge ..... Per dozen \$2.50

Ring handle on Nos. 1170 and 1175 can be used as a gauge for sizing body of shell after loading.

Full Nickel-plated,  
 Each \$8.25



**No. 4073.**

GUN IMPLEMENTS

SETS.



B. G. I. CO. No. 159 SET.

No. 159—Brass Shell Set, Four Implements, viz. : Loader, Cupper, Shell Extractor and Measure, 10 and 12 Gauge..... Per dozen sets \$ 4 20



B. G. I. CO. No. 161.

IMPLEMENT SET.

IMPROVED.

No. 161—Brass and Paper Shell Set, Six Implements, viz. : Loader, Closer, Cupper, Shell Extractor, Measure, Cleaning Rod with Swab, Wiper and Scratch Brush—  
 10 and 12 Gauge ..... Per dozen sets \$14 70  
 14 and 16 Gauge ..... Per dozen sets 17.65  
 No. 161C—As No. 161, but all Wood Parts of Polished Cocobolo Wood, 10 and 12 Gauge ..... Per dozen 21.00  
 One set in a box.

Duck Calls



No. 760.

Dog Whistles



No. 611.

No. 760 —Duck Calls, Cocobolo Wood and Nickel Tip..... Per dozen \$3.35  
 No. 760H—Duck Calls, Cocobolo Wood and Horn Tip ..... Per dozen 5.25  
 No. 611 —Horn Dog Whistles, with Curved Lip, No. 2 Medium ..... Per dozen 3.15  
 No. 611 —Horn Dog Whistles, with Curved Lip, No. 3 Large ..... Per dozen 4.20  
 No. 10 —Britannia Metal Dog Whistles, with Ring, Medium ..... Per dozen 1.15  
 One dozen in a box.

Nos. ...  
Wad C

No. 190  
No. 189  
No. 189  
No. 147

No. 20R

WAD CUTTERS



Nos. ....	.....	.....	.....
Wad Cutters, cast steel.....	.....	.....	.....
	Per dozen	\$1.90	1.60
			10 to 16 1.20

GUN IMPLEMENTS

Loaders



No. 147.



No. 189.



No. 190.

- No. 190 — Birch Rammer and Base, Steel Cap Expelling Pin, 10 and 12 gauge ..... Per dozen \$1.05
- No. 189 — Birch, Polished Nickel Spun Tube, Steel Cap Expelling Pin, 10 and 12 gauge..... Per dozen 1.45
- No. 189C—Same as 189, but Cocobolo Wood..... Per dozen 2.65
- No. 147 — Barchy Pattern, Inside Spring, Polished Nickel Tube, Apple Head, 10 and 12 gauge..... Per dozen 7.35

One dozen in a box.

Measures



- No. 20R—Birch Rammer Handle, Polished Nickel Cup, 2 1-2 to 5 drams, 1 to 2 1-2 ounces..... Per dozen \$1.35
- One dozen in a box.

Measure, 10 and 12  
Per dozen sets \$ 4.20



Rammer, Measure.

Per dozen sets \$14.70  
Per dozen sets 17.65  
Per dozen 21.00

Measures



Per dozen \$3.35  
Per dozen 5.25  
Per dozen 3.15  
Per dozen 4.20  
Per dozen 1.15

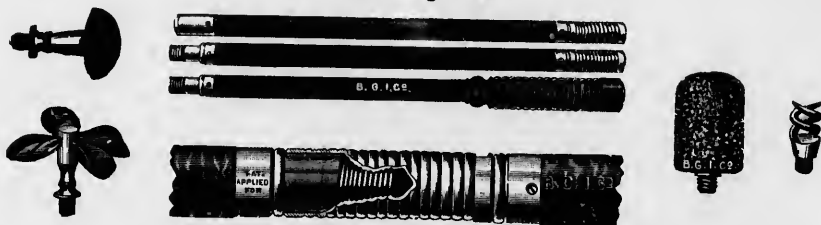
GUN IMPLEMENTS

Shell Cutter



No. 1124—Shell Cutter, Square Blade, Nickered Handles, 10 and 12 Gauge ..... Per dozen \$15.00

Cleaning Rods



No. 95—Triple Jointed, Birch Wood Polished, Patent Brass Joints and Three Implements, Swab, Scratch Brush and Wiper ..... Per dozen sets \$5.25  
One dozen in a box.

No. 121—Triple Jointed, Cocobolo Wood, Polished, Nickel Trimmings, Four Implements, Swab, Scratch Brush, Wiper and Wormer ..... Per dozen sets \$12.60  
One-twelfth dozen in a box.



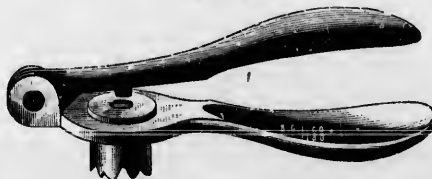
No. 8—Straight Hickory Cleaning Rods, with Brush, 10 and 12 Gauge ..... Per dozen \$2.10  
No. 152—Iron Flobert Rifle Rod, Slotted and Jagged, Ring Handle ..... Per dozen 1.15

Field Cleaners



No. 442—NEW MODEL, Bristle Brush, Double Slotted Wiper, String and Weight, Fine Leather Pouch with Clasp, 10 and 12 Gauge ..... Per dozen \$11.55  
One dozen in a box.

Cappers



No. 1180B—Capper, Black Japanned, Iron, 10 and 12 Gauge ..... Per dozen \$0.75  
One dozen in a box.

**GUN WORMS**

- No. **1050**—Brass Capped, 8-32 inch diameter..... Per gross \$ 6.00  
 No. **1070**—Brass Capped, 11-32 inch diameter..... Per gross 7.75

**Ram Rod Tops**

- No. **1020**—Open End, Brass, 5-8 inch diameter..... Per gross \$ 6.50

**Plugs and Nipples**

- No. **270**—Best Quality screwed..... Per gross \$10.00

**Gun Nipples**

- No. **A215**—Good Quality, assorted screws..... Per gross \$ 4.00  
 No. **A 89**—Extra Quality, assorted screws..... Per gross 5.25  
 No. **100**—Military, Fine Steel, for Converted Rifle..... Per gross 7.25

One-quarter gross in box.

**Gun Locks**

- Golcher's Back Action, polished and engraved..... Per dozen \$ 9.00  
 Golcher's Front Action, polished and engraved..... Per dozen 8.50  
 Golcher's Back Action, polished and engraved, in pairs..... Per dozen pairs 18.00  
 Golcher's Front Action, polished and engraved, in pairs..... Per dozen pairs 17.00

**Cartridge Bags**



- No. **77** —Canvas Cartridge Bags, for 75 Shells, Double Pocket, Leather Bound, with Shoulder Strap..... Per dozen \$ 6.50  
 No. **195** —Canvas Cartridge Belts, Leather Loops and Shoulder Strap, 10 and 12 Gauge..... Per dozen 6.00  
 No. **93 1-2**—Leather Cartridge Belts with Shoulder Strap, for 12 Gauge Shells, 2 1-4 inches..... Per dozen 11.25  
 No. **93** —Leather Cartridge Belts with Shoulder Strap. Heavy, for 10 and 12 Gauge Shells, 2 1-2 inches..... Per dozen 12.50

**Cartridge Belts**



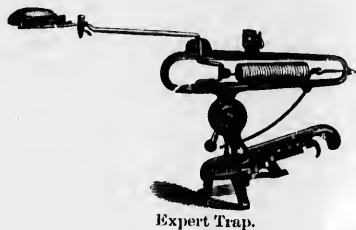
**Gun and Rifle Covers**



- No. **62** —Victoria Shape Canvas Gun Covers, with Handle..... Per dozen \$11.25  
 No. **56C**—Victoria Shape Sole Leather Gun Cover, with Side Pocket..... Each 4.50  
 No. **58C**—Victoria Shape Sole Leather Gun Cover, with Side Pocket, Flannel Lined..... Each 5.00  
 No. **47D**—Canvas Covers with Handle, for Magazine Repeating Shot Guns..... Per dozen 10.00  
 No. **49B**—Canvas Rifle Cover with Sling, for Magazine Repeating Rifles..... Per dozen 9.00



THE HAMILTON BLUE ROCK ARTIFICIAL BIRD AND TRAP



Hamilton Blue Rocks

Packed in barrels containing 500 ..... Per 1000 \$9 00  
 These Artificial Birds have been tested at the Trap by all the leading Gun Clubs, and their flying and breaking qualities acknowledged superior to any other made.

The Expert Trap

The Expert Blue Rock Trap ..... Each \$7.50  
 This Trap is of latest design and will throw at Five Angles.

Gun Grease



Every owner of a Rifle, Shot Gun or Revolver should use Gun Grease.

As soon as possible after firing the Arm, clean the Barrel thoroughly, passing a piece of cloth, moistened with the Grease, through the Barrel before putting it away. This will prevent it from rusting and preserve its finish and lustre.

Put up in Collapsible Metal Tubes ..... Per dozen \$1 25

2 oz. B

8 Shot C

GUN, BICYCLE AND SEWING MACHINE OILS

RAP



ert Trap.

Per 1000 \$9.00

ir flying and breaking

Each \$7.50

loth, moistened with  
preserve its finish and

Per dozen \$1.25

Bicycle Oil

Gun Oil

Sewing Machine Oil



2 oz. Bottles..... Per dozen \$1.15



3 oz. Bottles..... Per dozen 1.05  
4 oz. Bottles..... Per dozen 1.30

One dozen in wood box.



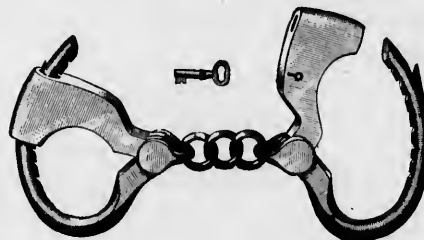
2 oz. Bottles..... Per dozen \$0.90

Counter Shot Case



8 Shot Compartments, 2 Cap and Cartridge Compartments, length 24 inches, height 13 inches, depth 9 inches. Each \$7.50

**ADJUSTABLE HAND CUFFS.**



With Double Lock and Patent Stop, which prevents prisoner from locking before Cuffs are placed on wrist.

No. 60—Tower's, bright, polished ..... Per pair \$7.25

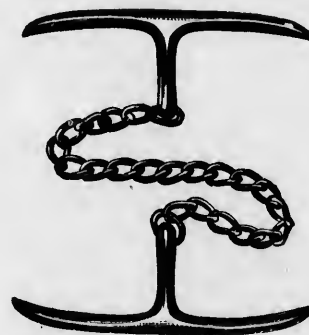
**Leg Irons**

No. 70—Tower's, bright, polished ..... Per pair \$10.50

**Twisters and Nippers.**



No. 1.



No. 2.

No. 1. Tower's Perfect Twisters or Chain Nippers. Handles interlock alike from either side. Weight 3 Ounces, Nickel Plated.....Each \$1.80

No. 2. Tower's Chain Police Nippers. To clasp the wrists when making arrests. Weight 4½ Ounces, Nickel Plated.....Each 1.80

**PACKED AS WANTED.**

No.

No. 1

Nos .  
15 feet

Nos .  
15 feet

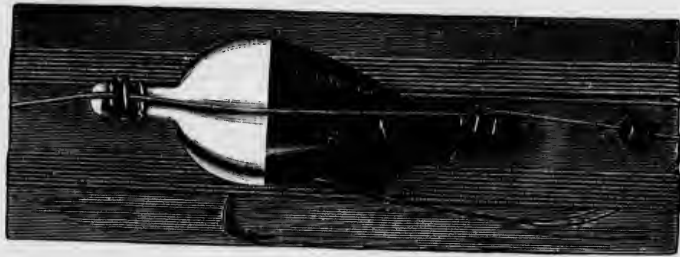
No. 3  
No. 4

No. 13

White  
White  
White

No. 12  
No. 15  
No. 18

FURNISHED FISH LINES



No. 4—With Patent Adjustable Float, 1 3/4 inches, Painted Two Colors, 15 feet Drab Cotton Line, One Ringed Hook, One Sinker, on Wooden Winder ..... Per gross \$ 7.20  
One-sixth gross in a box.

No. 10—With Patent Adjustable Float, 2 inches, Painted Two Colors, 15 feet Sea Island Cotton Line, One Hook to Double Gut, One Sinker, on Wooden Winder ..... Per gross 17.40  
One-twelfth gross in a box.

White Cotton Fishing Lines

Nos .....	100	.....	101	.....	102
15 feet .....	.....	Per gross	\$1.50	.....	1.70
				.....	1.90

Drab Cotton Fishing Lines

Nos .....	201	.....	202	.....	203	.....	205
15 feet .....	.....	Per gross	\$1.65	.....	2.10	.....	2.25
				.....		.....	3.00

Half gross in a box.

Grey Linen Fishing Lines

No. 305—60 feet, Grey Linen Trolling Lines ..... Per gross \$15.00  
No. 402—60 feet, Grey Linen Trolling Lines ..... Per gross 9.75

One dozen in a box.

Hemp Trolling Lines

No. 123—60 feet, Best Hemp Trolling Lines ..... Per dozen \$0.90

One dozen in a package.

White Cotton Seine Twine

White Cotton Seine Twine, soft laid, Nos. 6 to 40 thread ..... Per pound \$  
White Cotton Seine Twine, medium laid, Nos. 12 to 120 thread ..... Per pound  
White Cotton Seine Twine, hard laid, Nos. 9 to 120 thread ..... Per pound

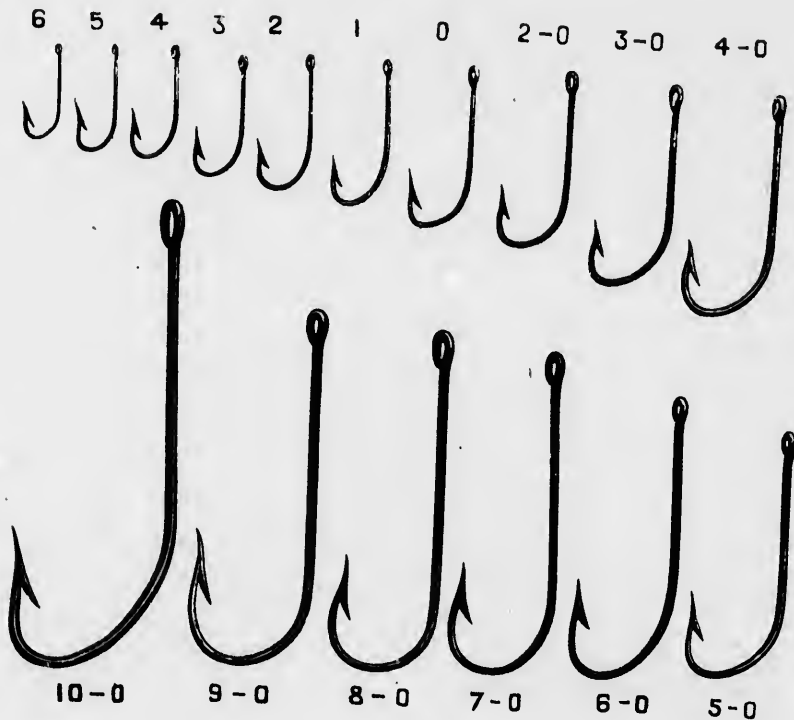
St. Peter's Cod Lines

No. 12—XL quality St. Peter's Cod Lines, 30 yards ..... Per dozen \$  
No. 15—XL quality St. Peter's Cod Lines, 30 yards ..... Per dozen  
No. 18—XL quality St. Peter's Cod Lines, 30 yards ..... Per dozen

One dozen in a bundle.

FISH HOOKS

KIRBY OR LIMERICK, RINGED.



Full size cuts.

Ringed Fish Hooks, Kirby or Limerick

Nos.....	6 to 1	1/0	2/0	3/0	4/0	5/0	6/0	7/0	8/0	10/0
Per 1000.....	\$0.75	1.15	1.35	1.50	1.90	2.25	2.65	3.00	3.40	5.25

100 in a box.

Kirby Fish Hooks to Gut

Nos.....	1	2	3
Per 100.....	\$1.80	1.80	1.80

10 in a package.

No. 6  
No. 6

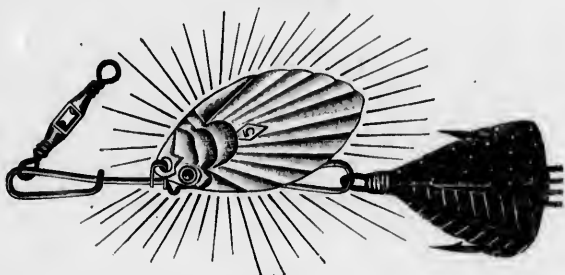
No. 7  
No. 7

No. 9  
No. 9

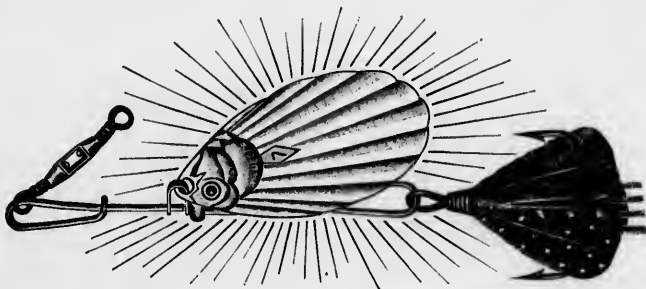
SPOON BAITS

The "Success" Luminous, and "Clipper" Non-Luminous Minnow Head Fluted Spoons, with Patent Reversible Hinge Lug

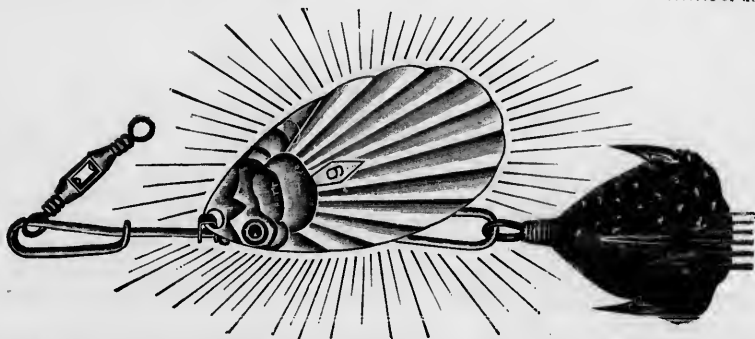
Full size cuts.



No. 5—"SUCCESS," Luminous, Silver Gimp Leaders ..... Per dozen \$5.00  
 No. 5—"CLIPPER," Non-Luminous ..... Per dozen 3.75



No. 7—"SUCCESS," Luminous, Silver Gimp Leaders ..... Per dozen \$5.00  
 No. 7—"CLIPPER," Non-Luminous ..... Per dozen 3.75



No. 9—"SUCCESS," Luminous, Silver Gimp Leaders ..... Per dozen \$6.25  
 No. 9—"CLIPPER," Non-Luminous ..... Per dozen 4.50

"Success" sewn on glazed cards, half-dozen in fancy box.

"Clipper" one dozen in a box.

4-0



5-0

7/0 8.0 10.0  
 .00 3.40 5.25

.... 3  
 .... 1.80

**SPOON BAITS**

Full Size Cuts.

**Governor Bait**  
Luminous.



No. 792 x 8.

**Kidney Bait**  
Non-Luminous.



No. 619 x 5.

**Kidney Ball Bait**  
Non-Luminous.



No. 229 x 4.

**The Governor Bait**

Luminous.

Soft Rubber Minnow and Spoon.

No. 792 x 8—Governor Bait ..... Per dozen \$10 00

**Kidney Baits**

Nickel-plated, Strong Bright Hooks (Feathered), English Swivel, Reversible Hinge Lug. . . . .  
 No. 619 x 4      5      6  
 Per dozen \$1.50   1.50   1.50  
 One dozen in a box.

**Kidney Ball Baits**

No. 229 x 4—Kidney Ball Baits, Nickel-plated, Reversible Hinge Lug, Embossed..... Per dozen \$2.25  
 One dozen in a box.

Kidney Ball Bait  
Non-Luminous.



No. 229 x 4.

... Per dozen \$10 00

x 4 5 6  
\$1.50 1.50 1.50

... Per dozen \$2.25

**SPOON BAITS**

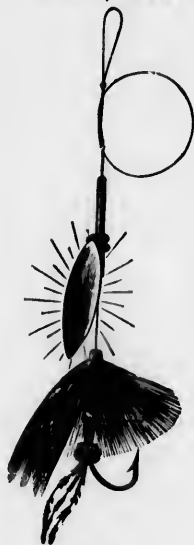
Full Size Outts.

**Irvin Spinners**



No. 3.

**Trout Spinners**



No. 9.

**Bass Spinners**



No. 11.

**Irvin Spoon or Bass Spinner**

No. 116—Irvin Spinners, No. 3, nickel both sides of blade..... Per dozen \$2.00  
One dozen in a box.

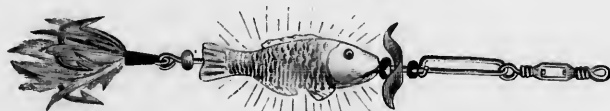
**Luminous Trout Spinner**

No. 127—Trout Spinners, No. 9, luminous..... Per dozen \$3.00  
Sewn one on fine card. One dozen in fancy box.

**Luminous Bass Spinner**

No. 1377—Bass Spinners, No. 11, luminous..... Per dozen \$3.50  
Sewn one on fine card. One dozen in fancy box.

**Luminous Crystal Minnows**



No. 1.

No. 129—Luminous Crystal Minnows, No. 1..... Per dozen \$7.50  
Six on a perforated card. Two cards in a box.

**NOTE.**—The luminous properties of Luminous Baits are phosphorescent in nature, but do not contain phosphorus. Before testing luminosity in the dark, expose same to light, either natural or artificial, and it will shine for some length of time. Luminous Bait has no equal for day use, as the combination of luminous nickel and red has proven, and it is the only bait that can be used in deep or roily waters and after dark.



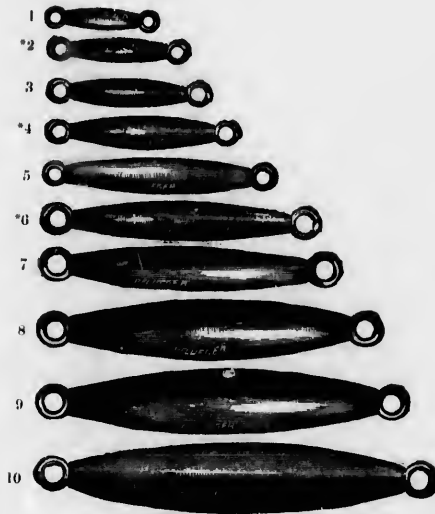
SOFT RUBBER BAITS



Full size cut.

No. 712—Luminous Frog, No. 1 ..... Per dozen \$5.50

Ringed Sinkers



Wood Floats



No. 65.

Ringed Sinkers

Nos. ....	2	4	6
Per gross (sizes marked * only carried in stock) .....	\$0.75	\$0.90	\$1.15
One gross in a box.			

Wood Floats

No. 65—1 3/4 inch, Solid Wood Float, Painted, with Patent Coil Spring Fastener .....	Per gross \$0.25
No. 65—2 inch, Solid Wood Float, Painted, with Patent Coil Spring Fastener.....	Per gross 0.75
No. 65—2 1/2 inch, Solid Wood Float, Painted, with Patent Coil Spring Fastener .....	Per gross 1.00
One dozen Assorted Colors, in a box.	

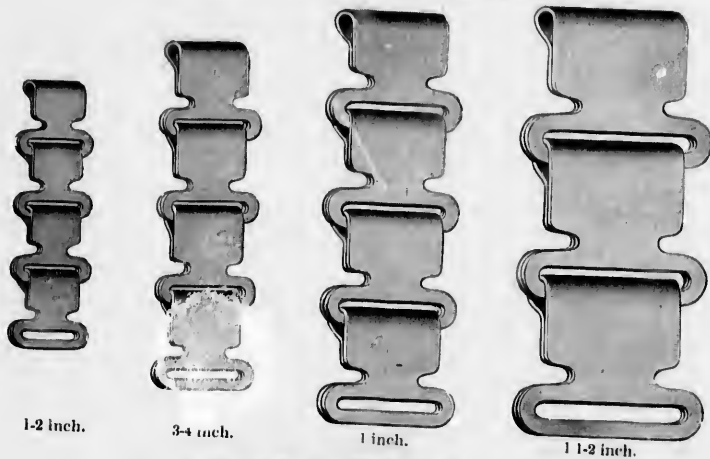
No. 220  
No. 221  
No. 222  
No. 223

No. 220  
No. 221  
No. 222  
No. 223

**KELLEY'S PATENT DOG COLLARS**

Patented February 13th, 1892.

Cuts showing full size links of Kelley's Patent Dog Collars.

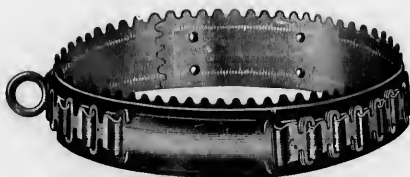


Unlined.

Steel, Nickerled

- No. 220— 1-2 inch wide, assorted lengths, 9, 11, 13 inches..... Per dozen \$1.80
- No. 221— 3-4 inch wide, assorted lengths, 13, 15, 17 inches..... Per dozen 2.25
- No. 222— 1 inch wide, assorted lengths, 17, 19, 21 inches..... Per dozen 3.40
- No. 223— 1 1-2 inch wide, assorted lengths, 21, 23, 25 inches..... Per dozen 4.05

One dozen in a box.



Lined.

Steel, Nickerled. Hard Leather Linings

- No. 220S— 1-2 inch wide, assorted lengths, 9, 11, 13 inches..... Per dozen \$3.05
- No. 221S— 3-4 inch wide, assorted lengths, 13, 15, 17 inches..... Per dozen 3.75
- No. 222S— 1 inch wide, assorted lengths, 17, 19, 21 inches..... Per dozen 5.10
- No. 223S— 1 1-2 inch wide, assorted lengths, 21, 23, 25 inches..... Per dozen 6.25

One dozen in a box.

..... Per dozen \$5.50

od Floats

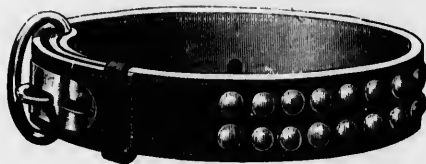


65.

..... 6  
 .90 ..... \$1.15

..... Per gross \$0.25  
 ..... Per gross 0.75  
 ..... Per gross 0.00

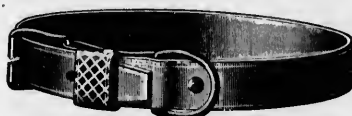
**DOG COLLARS**



No. 2058. Studded.

Fine Russet Leather, Riveted to Buckle, Nickel-plated Trimmings.

No. 2058—1 1-2 inches wide, Assorted Lengths, 21, 23, 25 inches.....Per dozen \$10.00  
Half dozen in a box.



Plain Leather.

Hardy's 1 and 1 1-4 inch Heavy Leather, Japanned Roller Buckle and Dee, Assorted, 21 to 27 inches....Per dozen \$3.75

**Dog Collars on Cards**

- No. 01—One dozen Assorted Colors, Studded, Plain and Lined, Name Plates, Buckles and Rings, widths 1-2 to 3-4, lengths 11 to 15 .....Per dozen \$2.40
- No. 04—One dozen Assorted Black, Russet and Orange, Studded, Plain and Lined, Name Plates, Buckles and Rings, Collars requiring Locks have them, widths 5-8 and 3-4, lengths 13 to 17 inches .....Per dozen 3.60
- No. 06—Half-dozen Assorted Black, Russet and Orange, Studded, Plain and Lined, Name Plates, Buckles and Rings, Collars requiring Locks have them, widths 1 and 1 1-4, lengths 17 to 21 inches .....Per dozen 6.00

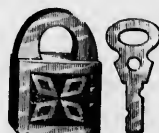
**Dog Collar Locks**



No. 2862.



No. 2801.



No. 101 (Aluminum).



No. 30.

- No. 2882—Nickel-plated.....Per dozen \$1.65
- No. 325-01—Brass .....Per dozen 1.30
- No. 2881—Brass .....Per dozen 1.30
- No. 2881—Nickel-plated .....Per dozen 1.65
- No. 101—Aluminum Metal .....Per dozen 2.75
- No. 103—Bronze Metal .....Per dozen 2.20
- No. 30—5-8 inch Brass .....Per dozen 3.75

**Dog Lead Chains**

No. 9 1-2—4 feet Aluminum Dog Lead Chains.....Per dozen \$1.25  
One dozen in a box.

No.

- 6 .....
- 9 .....
- 12 .....
- 15 .....
- 18 .....
- 21 .....
- 24 .....

No.

- 1 .....
- 2 .....

Hammock Anch

Hammock Spread

**COTTON HAMMOCKS**

Made of Superior Quality Cord.

Triangular Ring.

No.	Length	Per dozen	No.	Length	Per dozen
6	7 1-2 feet	\$ 4.50	30	12 feet	\$21.00
9	8 feet	6.75	33	12 1-2 feet	23.00
12	9 1-2 feet	9.00	36	13 feet	25.50
15	10 feet	11.50	39	14 feet	27.50
18	10 1-2 feet	13.50	42	14 feet	30.00
21	11 feet	16.00	45	14 feet	34.00
24	11 1-2 feet	18.00			

**The Daisy Hammock**

White Cotton Cord.

Triangular Ring.

No.	Length	Per dozen	No.	Length	Per dozen
1	8 1-2 feet	\$6.25	3	12 feet	\$11.00
2	10 feet	7.75	4	12 1-2 feet	15.00

**Anchor Ropes**



For suspending and adjusting hammocks. Full directions accompany each rope.

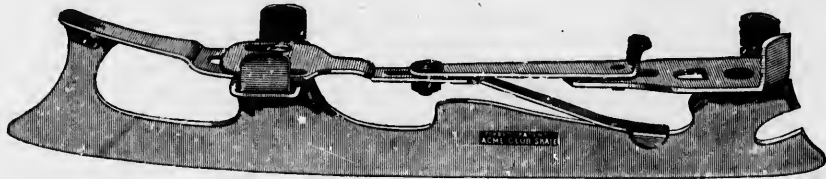
Hammock Anchor Ropes..... Per single dozen \$1.50

**Hammock Spreaders**



Hammock Spreaders..... Per single dozen \$1.00

ACME CLUB SKATES

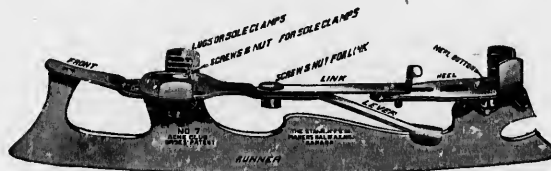


German Acme

No. 5—German Acme Skates, polished blades .....	Per pair	\$0 70
No. 6—German Acme Skates, polished concave blades .....	Per pair	1 50
No. 10—German Acme Skates, hardened steel blades, nickel-plated .....	Per pair	1 60

Starr Manufacturing Co's Acme

No. 3—Cast steel, polished blades, nickel-plated .....	Per pair	\$1 40
No. 5—Cast steel, polished blades .....	Per pair	1 60
No. 7—Hardened steel blades, polished .....	Per pair	2 75
No. 10—Hardened steel blades, polished and nickel-plated .....	Per pair	3 75
No. 14—Hardened steel blades, silver-plated, gilt tops .....	Per pair	5 00



This illustration gives names of the different parts and will be found convenient when requiring duplicates.

Runners .....	Per pair	\$1 00
Fronts .....	Per pair	.15
Levers .....	Per pair	.25
Links .....	Per pair	.12
Heels .....	Per pair	.20
Heel Buttons .....	Per dozen	.50
Lugs .....	Per dozen	.50
Screws and Nuts .....	Per dozen	.50
Wrenches .....	Per dozen	.25

Athletic Skates



No loose parts to become detached and lost, no screws or nuts of any description being used in the entire skate.

No key or wrench required.

No. 5 —Polished blades .....	Per pair	\$0 80
No. 5N—Polished blades, nickel-plated .....	Per pair	1 25
No. 7 —Hardened steel blades, polished .....	Per pair	2 40
No. 7N—Hardened steel blades, polished and nickel-plated .....	Per pair	3 30

No. 8—Ge  
No. 7—ST  
No. 10—ST

Inches .....  
Per dozen p

XXX Hocke  
XXX Hocke

No. 10—Leat  
No. 11—Leat  
No. 13—Leat  
No. 15—Leat  
No. 10—Sara  
No. 11—Sara

No. 3—Corn H  
No. 3—Huski  
No. 4—Huski

Malleable Axe

Wire Carpet B  
Wire Carpet B  
Cane Carpet B

Rising Sun Sto  
Rising Sun Sto

HOCKEY SKATES



- No. 8—German Hockey Skates.....Per pair \$1.00
- No. 7—STARR Hockey Skates, hardened steel blades, polished.....Per pair 2.60
- No. 10—STARR Hockey Skates, hardened steel blades, polished and nickel-plated.....Per pair 3.40

Skate Straps

Inches .....	21	24	30	36	20 to 24
Per dozen pairs .....	\$1.00	1.05	1.50	1.65	1.05

Hockey Sticks



- XXX Hockey Sticks, small pattern.....Per dozen \$5.75
- XXX Hockey Sticks, large pattern.....Per dozen 6.50

Harvest Mitts

- No. 10—Leather Harvest Mitts.....Per dozen \$3.00
- No. 11—Leather Harvest Mitts.....Per dozen 3.75
- No. 13—Leather Harvest Mitts.....Per dozen 4.50
- No. 15—Leather Harvest Mitts.....Per dozen 5.75
- No. 10—Saranac Harvest Mitts.....Per dozen 3.60
- No. 11—Saranac Harvest Mitts.....Per dozen 4.00

Corn Huskers and Gloves

- No. 3—Corn Huskers.....Per dozen \$ 1.15
- No. 3—Husking Gloves.....Per dozen 15.00
- No. 4—Husking Gloves.....Per dozen 17.25

Axe Wedges

- Malleable Axe Wedges.....Per gross \$3.40

Carpet Beaters

- Wire Carpet Beaters, small.....Per dozen \$1.80
- Wire Carpet Beaters, large.....Per dozen 2.10
- Cane Carpet Beaters.....Per dozen 2.75

Rising Sun Stove Polish

- Rising Sun Stove Polish, 3 oz.....Per gross \$ 6.75
- Rising Sun Stove Polish, 6 oz.....Per gross 12.50



Per pair \$0.70  
Per pair 1.50  
Per pair 1.60

Per pair \$1.40  
Per pair 1.60  
Per pair 2.75  
Per pair 3.75  
Per pair 5.00

duplicates.

Per pair \$1.00  
Per pair .15  
Per pair .25  
Per pair 12  
Per pair 20  
Per dozen .50  
Per dozen .50  
Per dozen .50  
Per dozen .25

entire skate.

Per pair \$0.80  
Per pair 1.25  
Per pair 2.40  
Per pair 3.30

## LANE'S NEW MODEL PATENT STEEL PARLOR DOOR HANGER

Made entirely of Steel, all parts Tinned.



The wheel is fitted with Lane's well-known Roller Bearings running on a hard steel bushing, making it anti-friction, and never requires oil.

All hangers, therefore, are adapted to any length run.

The wheel has a vulcanized fibre filling, rendering it noiseless in action.

The adjustment of this hanger is a novel feature, and may be accomplished from either above or below the base plate as desired. The adjusting nut extends entirely through the plate, having serrated projections or flanges both above and below by which it may be turned.

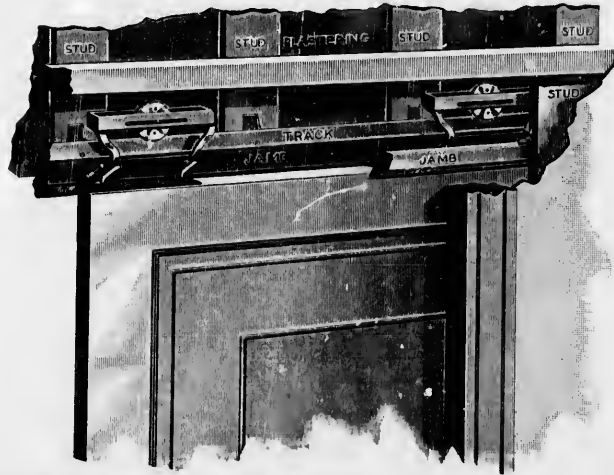
It will be noticed that the nut is thus permanently fastened to the plate, and cannot work out or be lost.

In many cases the New Model may be adjusted from the end of the door, but this hanger is particularly well adapted to *single doors* where it is impracticable to run them out far enough to get at the rear edge of the door, in which case the New Model may easily be adjusted from the side by simply removing the stop.

Another very important feature lies in the fact that both hangers of a pair are alike, and there are consequently no rights or lefts.

Per set (4 hangers), including 14 feet of track, gravity stops, striking plates and floor plates ..... \$ 6.00  
Per half set (2 hangers), including 8 feet of track, and fixtures ..... 3.00

## Stearns' Anti-Friction Steel Parlor Door Hanger



No. 5—For Double Doors, 4 hangers, 14 feet of track (7 feet lengths) ..... Per set \$6.75  
No. 6—For Single Doors, 2 hangers, 8 feet of track (one-half set)..... Per half set 3.50

This hanger is single track and of the anti-friction type. The centres of the wheels are made of vulcanized fibre, the edge of which forms a rolling surface. This fibre centre forms a solid disc extending to the axle, and is firmly held between plates by rivets passing through both plates, as well as the fibre. Each hanger may be adjusted independent of the other by use of a screw driver without deranging any part. Base plates are attached to the top of the door without cutting or mortising. The adjusting screws are 2 1/2 x 5-16 inches, specially made and possess great strength. They are placed at the upper corners of the doors where they can be most conveniently adjusted. The threaded hole in the hanger is countersunk so as to insure an easy entrance of the adjusting screw.

NGER

Bearings running on a  
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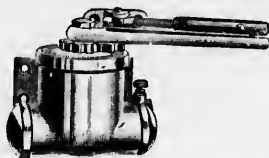
that both hangers of a  
lefts.  
..... \$ 6 00  
..... 3 00



..... Per set \$8.75  
..... Per half set 3.50

le of vulcanized fibre,  
etc, and is firmly held  
adjusted independent  
the top of the door  
possess great strength.  
l. The threaded hole

THE BLOUNT DOOR CHECK AND SPRING



THE CLOSING OR SPRING POWER can readily be increased, decreased or removed entirely without disarranging any other part of the check.

THE BALL AND SOCKET JOINTS which connect the arms, prevent any possibility of binding in case the door should sag or swing out of line. It is reversible by adjustment, and can be used on a right or left hand door. The bearings are few, large and strong. The extension arms admit of its being attached to either flush or projecting finish.

THE ONLY RESISTANCE when opening a door with this check and spring attached is simply the tension of the spring, which is so slight that it is hardly noticeable. This is an important feature and much appreciated by the public, especially by ladies, children, elderly and infirm people.

THE CHECKING POWER is under direct control, being governed by a regulating valve on the cylinder, which can be easily and quickly adjusted so as to close the door at any speed desired, and make slamming of doors absolutely impossible.

DIRECTIONS FOR ATTACHING ACCOMPANY EACH CHECK.

- Size A—Suitable for inside doors not exceeding 3 feet wide by 1 1/4 inch thick ..... Each \$5.00
- Size B—Suitable for vestibule and light outside doors, not exceeding 2 feet 6 inches wide by 2 inches thick.. Each 6.50
- Size C—Suitable for doors not exceeding 3 feet wide by 2 inches thick..... Each 7.75
- Size E—With power 4 times greater than C, for extra heavy outside doors, such as church, schoolhouse, rail- road depot, hotel, etc., etc..... Each 13.00

Lightning Raisin Seeder

Seeds raisins, removing every seed as fast as they are dropped into hopper.

Lightning Raisin Seeder

Per dozen ..... \$13.50

This little machine is a marvel of simplicity, a child can operate it, and with ordinary care it cannot possibly get out of order.

DIRECTIONS.

Adjust the rubber roller firmly against the teeth of steel roller with aid of thumb screw, wet the raisins, drop them into the hopper and turn the crank.

To obtain best results, do not clog the machine by placing too many raisins in the hopper at one time. Keep the rubber roll clean and moist with a wet cloth or sponge while using to prevent gumming.





**ANCHORS**

**IRON STOCK.**

Iron Stock Anchors, japanned, 25 lbs.....	Per pound	\$0.84
Iron Stock Anchors, japanned, 35 lbs.....	Per pound	.8
Iron Stock Anchors, japanned, 45 lbs.....	Per pound	.8
Iron Stock Anchors, japanned, 60 lbs.....	Per pound	.63

**White Cotton Duck**

FOR SEPARATORS, TENTS, AWNINGS, ETC.

**No. 8.**

Width, inches.....	<b>40</b>	.42
Per yard.....	<b>\$0.88</b>	.40

**No. 10.**

Width, inches.....	<b>36</b>	<b>38</b>	<b>40</b>	<b>44</b>	<b>50</b>	<b>53</b>	<b>60</b>
Per yard.....	\$0.29	.30	.32	.35	.40	.46	.48
8 ounce Duck, 29 1-2 inches wide.....	Per yard \$						
10 ounce Duck, 29 1-2 inches wide.....	Per yard						

In rolls of about 100 yards.

**Enamelled Cloth**

1 1-4 yards wide.

**Muslin**

Pebbled Back, Muslin.....	Per yard	\$0.30
Dull Finish, Muslin.....	Per yard	.30
Dark Maroon, Muslin.....	Per yard	.45

12 yards in a roll.

**Drill**

Pebbled Back Drill.....	Per yard	\$0.45
Dull Finish Drill.....	Per yard	.45
Dark Maroon Drill.....	Per yard	.60
Tan Back Drill.....	Per yard	.63
Green Drill.....	Per yard	.65

12 yards in a roll.

**Duck**

Pebbled Back Duck.....	Per yard	\$0.55
------------------------	----------	--------

12 yards in a roll.

**Rubber Drill**

I. R. Drill, 22 oz.....	Per yard	\$0.65
I. R. Drill, 24 oz.....	Per yard	.75
I. R. Drill, brown back, 22 oz.....	Per yard	.75

12 yards in a roll.

**Brass Cased Rods**

FOR VESTIGULE RODS, ETC.

1-4      5-16      and      3-8 inch.

**Solid Brass Rods**

3-16 to 1-2 inch.



No. 1 -  
No. 2 -  
No. 991A -  
No. 6491 -

No. 5-PEE

No. 32290 -  
No. 32300 -  
No. 32302 -

Per pound \$0.84  
 Per pound .8  
 Per pound .8  
 Per pound 64

40 .42  
 \$0.38 .40

53 60  
 .46 .48

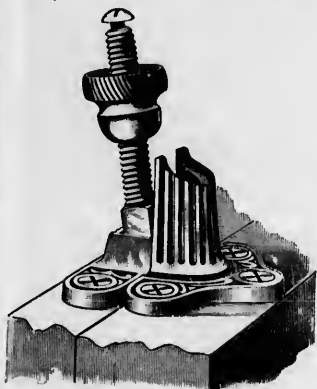
Per yard \$  
 Per yard

Per yard \$0.30  
 Per yard .30  
 Per yard .45

Per yard \$0.45  
 Per yard .45  
 Per yard .60  
 Per yard .63  
 Per yard .65

Per yard \$0.55

Per yard \$0.65  
 Per yard .75  
 Per yard .75



Style of Ornamental Bronzed.

**PATENT SCREW SASH FASTENER**

This Sash Fast draws the sashes firmly together, at the same time forcing them tightly against the top and bottom of the frame. All rattling is obviated and the window perfectly secured against entrance.

- Ornamental Bronzed
- Ornamental Geneva bronzed ..... Per dozen \$4.50
- Plain, Bronze Metal
- Plain, bronze metal ..... Per dozen \$6.50
- One dozen in a box.

**Can Openers**



Nos. 2, 991A, 6491.

- No. 1 —SPRAGUE Can Openers, japanned handle ..... Per dozen \$0.90
- No. 2 —SPRAGUE Can Openers, wood handle ..... Per dozen 1.00
- No. 991A —SPRAGUE Pattern Can Openers ..... Per dozen 1.00
- No. 6491 —SPRAGUE Pattern Can Openers, nickel-plated, stained wood handle ..... Per dozen 1.65
- One dozen in a box.



- No. 5—PEERLESS Can Openers, bronze lacquered handle ..... Per dozen \$1.05
- One dozen in a box.

**Rodgers' Can Openers**

- No. 32290—Wood handle ..... Per dozen \$2.10
- No. 32300—Wood handle ..... Per dozen 1.60
- No. 32302—Wood handle ..... Per dozen 3.00

## SUN KNIFE CLEANER AND SHARPENING MACHINE



Each \$

This machine combines simplicity with durability, polishing knives equal to new and at the same time sharpening them. It will not bend or break off the handle, a complaint universally made against other cleaners, a guard being provided to obviate this fault.

No exertion is required to turn the machine, and a dozen knives can be thoroughly prepared for the table in less than five minutes without noise or dirt.

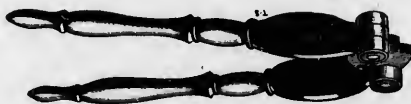
## DIRECTIONS.

Turn the handle with one hand, placing the point of the knife between the leathers, **EDGE DOWN, BACK OF THE KNIFE** under the guard, then pass the knife slowly through to the shoulder, withdrawing the same by turning the machine quickly and steadily.

The leathers of the machine are specially prepared and dressed with a composition, later a little **OAKLEY'S KNIFE POLISH** should be dropped through the hole at the side.

The pressure should be regulated by the thumbscrew at the side. If taken apart, the plates must be replaced on axle so that the teeth of one plate will come between those of the other.

## Nut Cracks



Style of N6.

No. N2—Steel Nut Cracks, nickel-plated, plain handle .....	Per dozen \$ 5.00
No. N6—Steel Nut Cracks, nickel-plated .....	Per dozen 6.75
No. 5—Steel Wire Nut Cracks, nickel-plated .....	Per dozen 6.50
No. 23—Steel Nut Cracks, silver-plated .....	Per dozen 12.75

Half dozen in a box.

**BUTTER SPADES**



Saxton, Wood Trowel Handle

SAXTON, 6 inch, tinned steel blade, wood handle  
Per dozen ..... \$7.25

SAXTON, 6 inch, tinned steel blade, tinned malle-  
able handle..... Per dozen 7.25

**Straight Handle**

No. 2107—9 inch, tinned blade, straight cocobolo  
handle ..... Per dozen 12 00

Half dozen in a box.

**Tinned Cheese Knives**

No. 203—12 inch, tinned blades, cocobolo handles  
Per dozen ..... \$12.00

Half dozen in a box.



Cheese Knife.

**Meat Skewers**

No. 38—Round, Tinned Steel Skewers, 4 to 8 inches  
Per dozen sets ..... \$1.80

No. 6—Square, Tinned Steel Skewers, 4 to 8 1-2 inches,  
Per dozen sets ..... .90

One dozen sets in a package.



No. 38 Round.

same time sharpen-

for the table in less

OWN, BACK OF THE  
ame by turning the

le OAKLEY'S KNIFE

s must be replaced

. Per dozen \$ 5.00

. Per dozen 6.75

. Per dozen 6.50

. Per dozen 12.75

**BENT HORSE CLIPPING SHEARS**



No. 3152 X 7 1-2 Inches, Horse Clipping Shears, plain handle ..... Per dozen \$12.00

**Cattle Marking Shears**

No. 3297 X 6 1-4 Inches, Cattle Marking Shears ..... Per dozen \$8.25

Half dozen in a box

**Horse Clippers**



GENUINE NEWMARKET.

DANDY Horse Clippers, stained and varnished handles ..... Per pair \$1.50  
 ECLIPSE Horse Clippers, stained and varnished handles ..... Per pair 1.65  
 FRENCH Horse Clippers, plain ..... Per pair 1.90  
 FRENCH Horse Clippers, nickel-plated ..... Per pair 2.40  
 No. 1418—Horse Clippers, Newmarket ..... Per pair 2.10  
 No. 1218—Horse Clippers, Newmarket ball bearing ..... Per pair 2.40

One pair in a package.

Extra plates, top ..... Each \$0.75  
 Extra plates, bottom ..... Each .95

**Horse Singeing Lamps**



No. 1429.



Nos 118, 1428.

No. 1429—All Japanned, without cock ..... Each \$1.20  
 No. 1428—Japanned Lamp and Handle, brass cock ..... Each 1.40  
 No. 118—Japanned Lamp, brass handle and cock ..... Each 2.00

**Chamois Skins**

No. A X 0—Chamois Skins ..... Per dozen \$ 6.75  
 No. A 0—Chamois Skins ..... Per dozen 7.50  
 No. A 1—Chamois Skins ..... Per dozen 9.75  
 No. A 2—Chamois Skins ..... Per dozen 10.50  
 No. A 5—Chamois Skins ..... Per dozen 12.75

We can  
 being const  
 travellers.

Pen and Pock

Straight

for many years a  
 has induced mak  
 to the I.X.L. brand

CUTLERY

We carry a large stock of CUTLERY of the following and other makes, which, owing to the many new patterns being constantly introduced, we are unable to fully illustrate. Complete line of samples will be carried by our travellers.

**George Wostenholm & Sons**

- I.XL Pen and Pocket Knives.
- Carvers, Table and Dessert Knives.
- Farriers' Knives.
- True "Pipe" Razors
- Hunting Knives.

**Joseph Rodgers & Sons**

- Pen and Pocket Knives.
- Table and Dessert Knives and Forks.
- Table and Dessert Knives.
- Carvers.
- Butcher Knives.
- Butchers' Sticking Knives.
- Butchers' Skinning Knives.
- Bread Knives.
- Farriers' Knives.
- Fleams.
- Razors.
- Scissors.
- Putty Knives.

**E. M. Dickinson**

- Pen and Pocket Knives.
- Ham Slicers, Carvers, Etc.
- Table and Dessert Knives.

**John Askham & Sons**

- Pen and Pocket Knives.
- Table and Dessert Knives and Forks.
- Carvers.
- "Wapacut" Butcher Knives and Steels.
- Table and Dessert Knives.

**John Wilson**

- Butcher Knives.
- Butchers' Skinning Knives.
- Butchers' Sticking Knives.
- Shoe Knives.

**W. & S. Butcher**

- Wade & Butcher's Razors.

**"HINDOO" Hollow Ground Razors**

We are Sole Agents for this celebrated brand of razor.

**Henry Seymour Cutlery Co.**

- Straight and Bent Trimmers, Etc.

**R. Heinisch's Sons**

- Straight and Bent Trimmers.
- Barbers' Scissors.
- Tailors' Shears, Etc.

**Hatch Cutlery Co.**

- "Patent Bolt" Straight and Bent Trimmers.
- "Monarch" Brand Adjustable Lever Spring and Bolt Trimmers.
- Pocket Scissors, Etc.

- GERMAN Pen and Pocket Knives.
- Scissors, etc., of best makers.
- Hollow Ground Razors.

George Wostenholm & Sons' celebrated I.XL brand of Pen and Pocket Knives have been sold in this market for many years and have proved their superiority IN QUALITY, STYLE AND FINISH. The large and increasing sale has induced makers of cheaper quality to imitate their patterns, and we can duplicate in nearly every line patterns similar to the I.XL brand illustrated in the following pages of cheaper grade and make.

Per dozen \$12.00

Per dozen \$8.25

Per pair \$1.50  
 Per pair 1.65  
 Per pair 1.90  
 Per pair 2.40  
 Per pair 2.10  
 Per pair 2.40

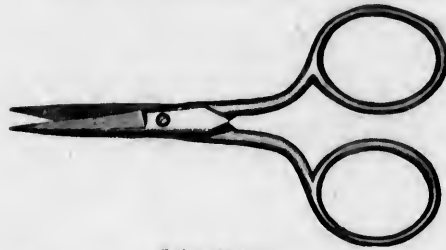
Each \$0.75  
 Each .85



Each \$1.20  
 Each 1.50  
 Each 2.00

Lozen \$ 6.75  
 Lozen 7.50  
 Lozen 9.75  
 Lozen 10.50  
 Lozen 12.75

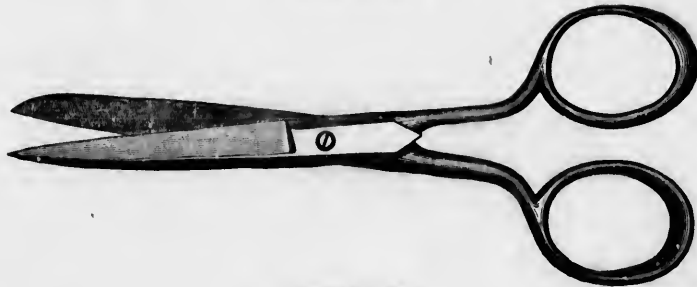
LACE OR EMBROIDERY SCISSORS



Style of 661 and 701.

No. 810	1-2-3	Inch Embroidery Scissors.....	Per dozen	\$1.65
No. 454	-3 1-2	Inch Embroidery Scissors.....	Per dozen	1.95
No. 701	-3	Inch Embroidery Scissors, gilt bows.....	Per dozen	2.75
No. 701	-3 1-2	Inch Embroidery Scissors, gilt bows.....	Per dozen	3.00
No. 684	-3 1-2	Inch Embroidery Scissors, nickel-plated.....	Per dozen	2.85

Ladies' Scissors



PRICE PER DOZEN.

Inches.....	4	4 1-2	5	5 1-2	6	6 1-2	7
No. 999—Painted Bows.....	\$.....	1.90	2.20	2.50	2.85	3.20	3.50
No. 890—Bright Bows.....	.....	2.40	2.65	2.85	3.20	3.60	4.00
No. 849—Nickelled Bows.....	.....	2.80	3.00	3.25	3.50	3.90	4.40
No. 848—Gilt Bows.....	.....	3.25	3.25	3.50	4.00	4.40	5.00



No. 52.

PRICE PER DOZEN.

Inches.....	4 1-2	5	5 1-2	6
No. 51—Fancy Bows.....	\$7.50	8.25	9.00	10.00
No. 52.....	.....	9.00	9.00	10.50

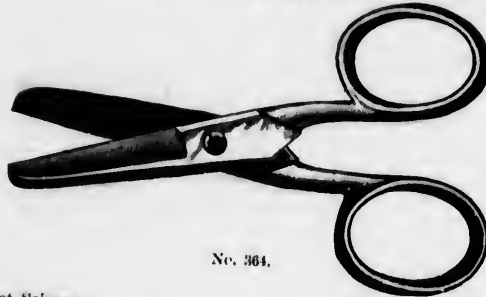
Half dozen in a box.

No. 781—  
No. 549—  
No. 925—  
No. 925—  
No. 785—  
No. 384—  
No. 8003—

No. 570—3  
No. 0900—4  
No. 079—4  
No. 6850—4

No. 2071—4  
No. 922—4  
No. 20505—4  
No. 294—4  
No. 688—5

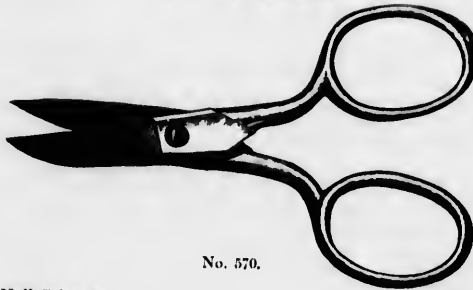
POCKET SCISSORS



No. 364.

No. 781-4	Inch Pocket Scissors	Per dozen	\$2.25
No. 549-4	Inch Pocket Scissors	Per dozen	2.75
No. 685-3 1-2	Inch Pocket Scissors	Per dozen	3.00
No. 685-4	Inch Pocket Scissors	Per dozen	3.25
No. 785-4	Inch Pocket Scissors, gilt bows	Per dozen	3.30
No. 364-4	Inch Pocket Scissors, nickel-plated	Per dozen	4.00
No. 8003-4 1-4	Inch Pocket Scissors	Per dozen	5.75

Bent Nail Scissors



No. 570.

No. 570-3 1-2	Inch Bent Nail Scissors	Per dozen	\$4.50
No. 6900-4	Inch Bent Nail Scissors	Per dozen	4.50
No. 978-4	Inch Bent Nail Scissors	Per dozen	5.50
No. 6850-4	Inch Manicure or Surgeons' Scissors	Per dozen	5.75

Button Hole Scissors



Nos. 2074 to 294.

No. 2074-4 1-3	Inch Button Hole Scissors	Per dozen	\$2.40
No. 922-4 1-2	Inch Button Hole Scissors	Per dozen	3.50
No. 20505-4 1-4	Inch Button Hole Scissors	Per dozen	3.75
No. 294-4 1-2	Inch Button Hole Scissors, nickel-plated	Per dozen	4.75
No. 688-5 1-2	Inch Button Hole Scissors (with slide gauge)	Per dozen	7.50

Half dozen in a box.

Per dozen \$1.85  
 Per dozen 1.95  
 Per dozen 2.75  
 Per dozen 3.00  
 Per dozen 2.85

1-2 7  
 20 3.90  
 60 4.00  
 90 4.40  
 40 5.50

6  
 10.50



**POCKET SCISSORS**

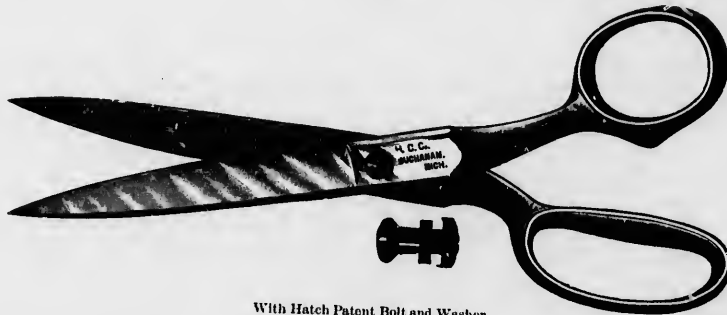


With Hatch Patent Bolt and Washer.  
No. 66.—Full Nickel-Plated

Inches .....	4 1-2	5
Per dozen .....	\$8.50	9.00

**Straight Trimmers**

No JOINTS.



With Hatch Patent Bolt and Washer.

Japanned, Glazed Blades

Inches .....	6	6 1-2	7	7 1-2	8	8 1-2	9
Per dozen .....	\$12.00	13.00	14.00	15.00	16.00	17.00	19.00

No. 15.—Full Nickel-Plated

Inches .....	6	6 1-2	7	7 1-2	8	8 1-2	9	10
Per dozen .....	\$12.00	13.00	14.00	15.00	16.00	17.00	19.00	25.00

**Bent Trimmers**



With Hatch Patent Bolt and Washer.

No. 33.—Full Nickel-Plated

Inches .....	8	9	10	12
Per dozen .....	\$17.00	22.00	27.00	33.00

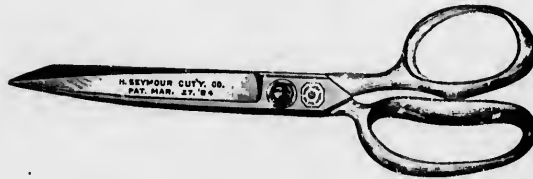
Half dozen in a box.

**HENRY SEYMOUR CUTLERY CO.'S TRIMMERS**

WITH TENSION, STEEL DISC SPRING, SCREW AND LOCK NUT.

The hollow depression on top of blade receives the steel disc spring, a bolt with screw thread runs through this into a threaded hole in lower blade where it is doubly secured by a six-sided lock nut.

**Straight Trimmers**

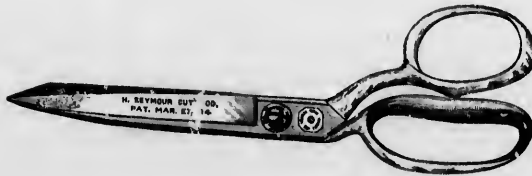


Maroon Japanned Handles, Nickel-Plated Blades

Inches.....	6	6 1-2	7	7 1-2	8	8 1-2	9	10
Per dozen .....	\$12.00	13.00	14.00	15.00	16.00	17.00	19.00	25.00

Half dozen in a box.

**Bent Trimmers**



Maroon Japanned Handles, Nickel-Plated Blades

Inches.....	7	8	8 1-2	9	10	11	12	13
Per dozen .....	\$15.00	17.00	20.00	23.00	27.00	30.00	33.00	36.00

Half dozen in a box.

5  
9.00

-2 .. 0  
00 .. 19.00

.. 10  
00 .. 25.00

12  
33.00

**STRAIGHT TRIMMERS**

HEINISCH'S PATTERN.



		Black Japanned Handles							
Inches.....	6	6 1-2	7	7 1-2	8	8 1-2	9	10	
Per dozen .....	\$12.00	13.00	14.00	15.00	16.00	17.00	19.00	25.00	

**Bankers' or Paper Hangers' Shears**



No. 44.

With Hatch Patent Bolt and Washer.

Inches.....	.....	.....	12	.....	14
Per dozen .....	.....	.....	\$19.50	.....	25.50

**Tailors' Shears**

HEINISCH'S PATTERN.



		Japanned Handles									
Nos.....	3	4	5	6	7	8	9	10	11	12	
Full length, inches...	12	12 3-4	13	13 3-4	14	14 1-4	14 3-4	15 1-4	15 3-4	16 1-4	
Per pair.....	\$5.25	7.50	11.50	12.50	14.00	16.50	17.50	18.50	19.50	21.00	

One pair in a box.

Heinisch's  
Per dozen  
Heinisch's  
Per dozen  
9 inch, left

Seymour's

French Hair  
French Hair  
No. 1661-1  
No. 1661 1-

Springs for

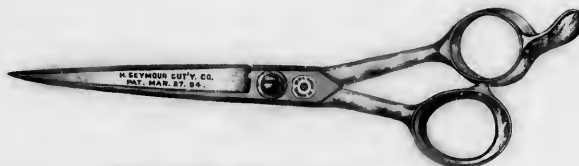
Nos.....  
To cut hair...  
Each .....

**BARBERS' SHEARS**

LIPPED.



Heinisch's Japanned, inches .....	<b>7 1-2</b>	<b>8 1-2</b>	<b>9</b>	<b>9 1-2</b>
Per dozen .....	\$9.00	10.50	11.00	12.50
Heinisch's Nickel-plated, inches .....	.....	<b>8 1-2</b>	.....	<b>9</b>
Per dozen .....	.....	\$15.00	.....	18.00
9 inch, left hand, japanned handle .....	.....	.....	.....	Per dozen \$18.00



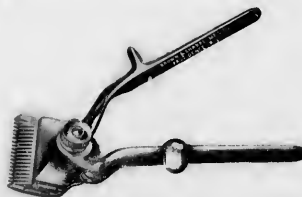
Seymour's Adjustable Lever Spring and Bolt

Seymour's Japanned Handle, Nickelled Blades, 8 1-2 inches ..... Per dozen \$26.25

**Hair Clippers**

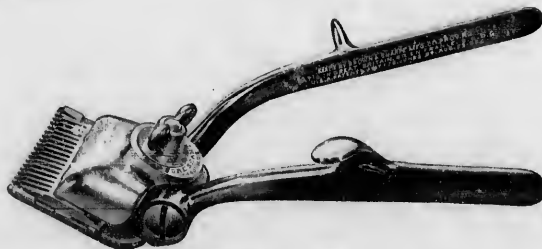


FRENCH.



Nos. 1661 and 1661 1-2.

French Hair Clippers, plain .....	.....	Per pair	\$1.80
French Hair Clippers, nickel-plated .....	.....	Per pair	2.20
No. 1661—Brown & Sharpe's Pattern, nickel-plated .....	.....	Per pair	2.80
No. 1661 1-2—Brown & Sharpe's Pattern, nickel-plated, with two extra cutters .....	.....	Per pair	3.75
Extra Springs.	.....	Per pair	.40
Springs for French Hair Clippers .....	.....	.....	.....



Brown & Sharpe's Genuine Improved

Nos. ....	<b>0</b>	.....	<b>1</b>	.....	<b>2</b>
To cut hair .....	Very Short.	.....	1-8 inch.	.....	1-4 inch.
Each .....	\$5.00	.....	5.00	.....	5.50
Extra Springs .....	.....	.....	.....	.....	\$1.20

9 10  
19.00 25.00

14  
25.50

11 12  
5 8-4 10 1-4  
7.50 21 00

## POCKET KNIVES



No. 0221



No. 0220



No. 0168



No. 5906

## Style of No. 0221

No. 0175—1 Blade, Rosewood Handle, 3 1-4 inches.....	Per dozen	\$1.20
No. 0154—1 Blade, Rosewood Handle, 3 1-4 inches.....	Per dozen	2.10
No. 0199—1 Blade, Rosewood Handle, 3 1-2 inches.....	Per dozen	1.65
No. 0201—2 Blades, Rosewood Handle, 3 1-4 inches.....	Per dozen	2.50
No. 0221—2 Blades, Rosewood Handle, 3 1-2 inches.....	Per dozen	2.50

## Style of No. 0220

No. 0174—1 Blade, Ebony Handle, 3 1-4 inches.....	Per dozen	\$1.20
No. 0153—1 Blade, Ebony Handle, 3 1-4 inches.....	Per dozen	1.35
No. 0198—1 Blade, Ebony Handle, 3 1-2 inches.....	Per dozen	2.10
No. 0202—2 Blades, Ebony Handle, 3 1-4 inches.....	Per dozen	1.65
No. 0220—2 Blades, Ebony Handle, 3 1-2 inches.....	Per dozen	2.50
No. 0156—1 Blade, White Bone Handle, 3 1-4 inches.....	Per dozen	1.30
No. 0155—1 Blade, White Bone Handle, 3 1-4 inches.....	Per dozen	1.35
No. 0164—2 Blades, White Bone Handle, 3 1-4 inches.....	Per dozen	1.75
No. 0222—2 Blades, White Bone Handle, 3 1-2 inches.....	Per dozen	2.60

## Style of No. 0168

No. 0168—2 Blades, Ebony Handle, 3 1-4 inches.....	Per dozen	\$1.75
No. 0169—2 Blades, Rosewood Handle, 3 1-4 inches.....	Per dozen	1.75
No. 0106—2 Blades, Grey Buff Handle, 3 1-2 inches.....	Per dozen	3.75

## Style of No. 5906

No. 5906—2 Blades, Ebony Handle, 4 inches.....	Per dozen	5.00
No. 0157—2 Blades, Grey Buff Handle, 4 1-4 inches.....	Per dozen	7.50

No. 5583  
No. 5581  
No. 0218  
No. 0217  
No. 0215  
No. 5583  
No. 5583  
No. 5583  
No. 0137  
No. 0138

No. 0131  
No. 0130  
No. 4617  
No. 0132  
No. 5248

No. 0200—

No. 9200  
No. 0128  
No. 0165  
No. 5846 P  
No. 5846 P

POCKET KNIVES



No. 0218.

- No. 5581 1-4—2 Blades, Rosewood Handle, 3 1-4 inches..... Per dozen \$2.25
- No. 5581 —2 Blades, Ebony Handle, 3 1-4 inches..... Per dozen 2.25
- No. 0218 —2 Blades, Rosewood Handle, 3 1-2 inches..... Per dozen 3.00
- No. 0217 —2 Blades, Ebony Handle, 3 1-2 inches..... Per dozen 3.00
- No. 0219 —2 Blades, White Bone Handle, 3 1-2 inches..... Per dozen 3.25
- No. 5583 1-4—2 Blades, Rosewood Handle, 3 3-4 inches..... Per dozen 2.75
- No. 5583 —2 Blades, Ebony Handle, 3 3-4 inches..... Per dozen 2.75
- No. 5583 1-2—2 Blades, White Bone Handle, 3 3-4 inches..... Per dozen 3.00
- No. 0137 —2 Blades, Grey Buff Handle, 3 3-4 inches..... Per dozen 5.00
- No. 0138 —2 Blades, White Bone Handle, 3 3-4 inches..... Per dozen 5.00



No. 0131.

- No. 0131—2 Blades, Ebony Handle, 3 1-2 inches..... Per dozen \$2.80
- No. 0130—2 Blades, Rosewood Handle, 3 1-2 inches..... Per dozen 2.80
- No. 4817—2 Blades, Grey Buff Handle, 3 1-2 inches..... Per dozen 3.00
- No. 0132—2 Blades, Ebony Handle, 3 3-4 inches, Sheepfoot Blade..... Per dozen 3.00
- No. 5248—2 Blades, Rosewood Handle, 4 inches..... Per dozen 4.50



- No. 0200—3 Blades, Stag Handle, 3 1-2 inches, etched on Blade "Cattle Knife"..... Per dozen \$7.50



No. 9200.

- No. 9200 —German Silver Handle, 3 1-4 inches, Sharp Screw..... Per dozen \$8.75
- No. 0128 —German Silver Handle, 3 1-4 inches, with Shackle, Round Screw..... Per dozen 9.00
- No. 0165 —German Silver Handle, 3 3-4 inches, Round Screw..... Per dozen 9.50
- No. 5846 I—Ivory Handle, as I.XL No. 909, page 879..... Per dozen 13.50
- No. 5846 P—Pearl Handle, as I.XL No. 900, page 879..... Per dozen 17.50



No. 5906

- er dozen \$1.20
- er dozen 1.35
- er dozen 2.10
- er dozen 1.65
- er dozen 2.50

- er dozen \$1.20
- er dozen 1.35
- er dozen 2.10
- er dozen 1.65
- er dozen 2.50
- er dozen 1.30
- er dozen 1.35
- er dozen 1.75
- er dozen 2.60

- er dozen \$1.75
- er dozen 1.75
- er dozen 3.75

- er dozen 5.00
- er dozen 7.50

POCKET KNIVES



No. 0177.



No. 0184.

Style of 0177

- No. 0177—2 Blades, Pearl Handle, 2 1-2 inches..... Per dozen \$3.00
- No. 0383—2 Blades, Pearl Handle, 2 3-4 inches..... Per dozen 3.40
- No. 0179—2 Blades, Plain Pearl Handle, Fancy Bolster, 3 inches..... Per dozen 3.00
- No. 5908—2 Blades, Pearl Handle, 3 inches..... Per dozen 4.50

Style of 0184

- No. 0184—2 Blades, Pearl Handle, 2 1-2 inches..... Per dozen \$2.50
- No. 0185—2 Blades, Buff Handle, 2 1-2 inches..... Per dozen 2.55
- No. 0186—2 Blades, Ivory Handle, 2 1-2 inches..... Per dozen 2.35



No. 991.

- No. 991—2 Blades, Pearl Handle, 2 1-2 inches..... Per dozen \$3.75
- No. 6253—2 Blades, Pearl Handle, 2 3-4 inches..... Per dozen 3.00



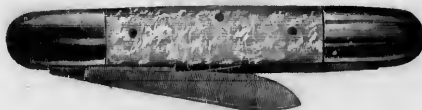
No. 5287x3 inches.

- No. 5287—3 Blades, Ebony Handle, 3 1-2 inches..... Per dozen \$4.50
- No. 5166—3 Blades, Grey Buff Handle, 3 1-2 inches..... Per dozen 6.00



No. 0141x3 inches.

- No. 0141—2 Blades, Grey Buff Handle, 3 1-2 inches..... Per dozen \$
- No. 0142—2 Blades, Ivory Handle, 3 1-2 inches..... Per dozen



No. 8510.

- No. 0166—3 Blades, Pearl Handle, 3 inches..... Per dozen \$ 4.50
- No. 8510—3 Blades, Pearl Handle, 3 inches..... Per dozen 8.25
- No. 8830—4 Blades, Pearl Handle, 3 inches..... Per dozen 11.25

No. 0111  
No. 0222  
No. 0117

No. 6249  
No. 7930

No. 0191-

No. 4507-  
No. 7228-

No. 0561-  
No. 0120-  
No. 0559-  
No. 0203-  
No. 0204-  
No. 5340-2

No. 17730-  
No. 0188-  
No. 0197-

POCKET KNIVES



No. 0117.

- No. 0117—2 Blades, Celluloid Handle, 2 1-2 inches ..... Per dozen \$1.95  
 No. 0223—2 Blades, German Silver Handle, 2 1-2 inches ..... Per dozen 1.65  
 No. 01176—1 Blade, Celluloid Handle (marked School Knife), 2 1-2 inches ..... Per dozen 1.50

Per dozen \$3.00  
 Per dozen 3.40  
 Per dozen 3.00  
 Per dozen 4.50



No. 6249.

- No. 6249—2 Blades, Celluloid Handle, 2 3-4 inches ..... Per dozen \$3.00  
 No. 7930—2 Blades, Ivory Handle, 2 3-4 inches ..... Per dozen 5.25

Per dozen \$2.50  
 Per dozen 2.55  
 Per dozen 2.35



No. 0191.

- No. 0191—2 Blades, Pearl Handle, 2 1-2 inches ..... Per dozen \$4.50

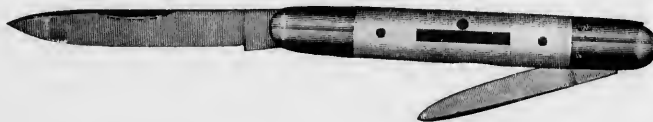
Per dozen \$3.75  
 Per dozen 3.00



No. 4507.

- No. 4507—2 Blades, Buff Handle, 2 3-4 inches ..... Per dozen \$3.50  
 No. 7228—2 Blades, Celluloid Handle, 2 3-4 inches ..... Per dozen 3.00

Per dozen \$4.50  
 Per dozen 6.00



No. 0120.

- No. 0561—2 Blades, Buff Handle, 2 3-4 inches ..... Per dozen \$4.25  
 No. 0120—2 Blades, Ivory Handle, 2 3-4 inches ..... Per dozen 5.00  
 No. 0559—2 Blades, Pearl Handle, 2 3-4 inches ..... Per dozen 0.00  
 No. 0203—2 Blades, Grey Buff Handle (without name plate), 3 inches ..... Per dozen 3.75  
 No. 0204—2 Blades, Ivory Handle (without name plate), 3 inches ..... Per dozen 3.75  
 No. 5340—2 Blades, Pearl Handle (without name plate), 3 inches ..... Per dozen 4.50

Per dozen \$  
 Per dozen



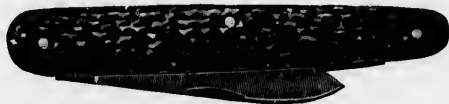
No. 0188.

- No. 17730—3 Blades, Pearl Handle, 3 1-4 inches ..... Per dozen \$4.50  
 No. 0188—4 Blades, Ivory Handle, 3 1-2 inches ..... Per dozen 3.30  
 No. 0197—4 Blades, Stag Handle, 3 1-2 inches ..... Per dozen 3.30

Per dozen \$ 4.50  
 Per dozen 8.25  
 Per dozen 11.25

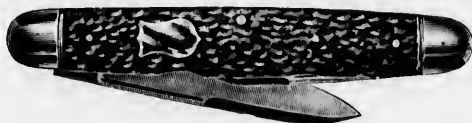


## POCKET KNIVES



No. 0904.

- No. **0904**—2 Blades, Stag Handle, 3 1-4 inches..... Per dozen \$3 00  
 No. **0901**—2 Blades, Grey Buff Handle, 3 1-4 inches..... Per dozen 3 40  
 No. **0902**—2 Blades, Celluloid Handle, 3 1-4 inches..... Per dozen 3 40



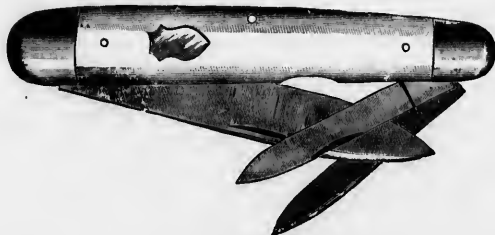
No. 7580.

- No. **7580**—2 Blades, Stag Handle, 3 1-4 inches..... Per dozen \$4 50  
 No. **7600**—2 Blades, Grey Buff Handle, 3 1-4 inches..... Per dozen 4 50  
 No. **7590**—2 Blades, Ivory Handle, 3 1-4 inches..... Per dozen 4 50



No. 0360.

- No. **0360**—3 Blades, Pearl Handle, 3 1-2 inches..... Per dozen \$9 00  
 No. **0189**—4 Blades, Buff Handle, 3 1-2 inches..... Per dozen 3 75  
 No. **0190**—4 Blades, Stag Handle, 3 1-2 inches..... Per dozen 3 75



No. 17816

- No. **17816** —3 Blades, Ivory Handle, 3 3-4 inches..... Per dozen \$5 75  
 No. **17773** —3 Blades, Stag Handle, 3 3-4 inches..... Per dozen 5 25  
 No. **17307 1-2**—3 Blades, Grey Buff Handle, 3 3-4 inches..... Per dozen 6 00  
 No. **0181** —3 Blades, Ebony Handle, 4 1-2 inches..... Per dozen 9 00

GEORGE WOSTENHOLM & SON'S

I.XL

POCKET KNIVES

Full size cuts.

For prices, etc., see page 862.



700

701  
Stag 706

702  
Sheep foot 715

703

709

708  
Black } 704  
Buff }  
Two Blade, }  
Black, with } 758  
Shield }

711  
Grey Buff 712  
3-in. Black 710

..... Per dozen \$3 00  
..... Per dozen 3 40  
..... Per dozen 3 40

..... Per dozen \$1 50  
..... Per dozen 4 50  
..... Per dozen 4 50

..... Per dozen \$9 00  
..... Per dozen 3 75  
..... Per dozen 3 75

..... Per dozen \$5 75  
..... Per dozen 5 25  
..... Per dozen 6 00  
..... Per dozen 9 00

## GEORGE WOSTENHOLM &amp; SON'S

I. XL

## POCKET KNIVES

Full size cuts.

For prices, etc., see page 882.



707  
Black }  
Buff } 706



750



751



752  
Stag 763  
Sheep\_foot blade 775



753



771



772  
Grey }  
Buff } 773



754  
Bone }  
Black } 755  
Buff }



756

GEORGE WOSTENHOLM & SON'S  
I.XL

POCKET KNIVES

Full size cut

For prices, etc., see page 882



765  
Bone 764  
Black 765  
Buff

766

768

767  
Buff 770

774  
1 Blade 714

764  
Black } 760  
Buff }  
Bone 762

768  
Black }  
Buff.. / 767

769



## GEORGE WOSTENHOLM &amp; SON'S

I. XL

## POCKET AND BUDDING KNIVES

Full size cuts.

For prices, etc., see page 882.



769



761



931



910



809



897

811  
Ivory 810

812

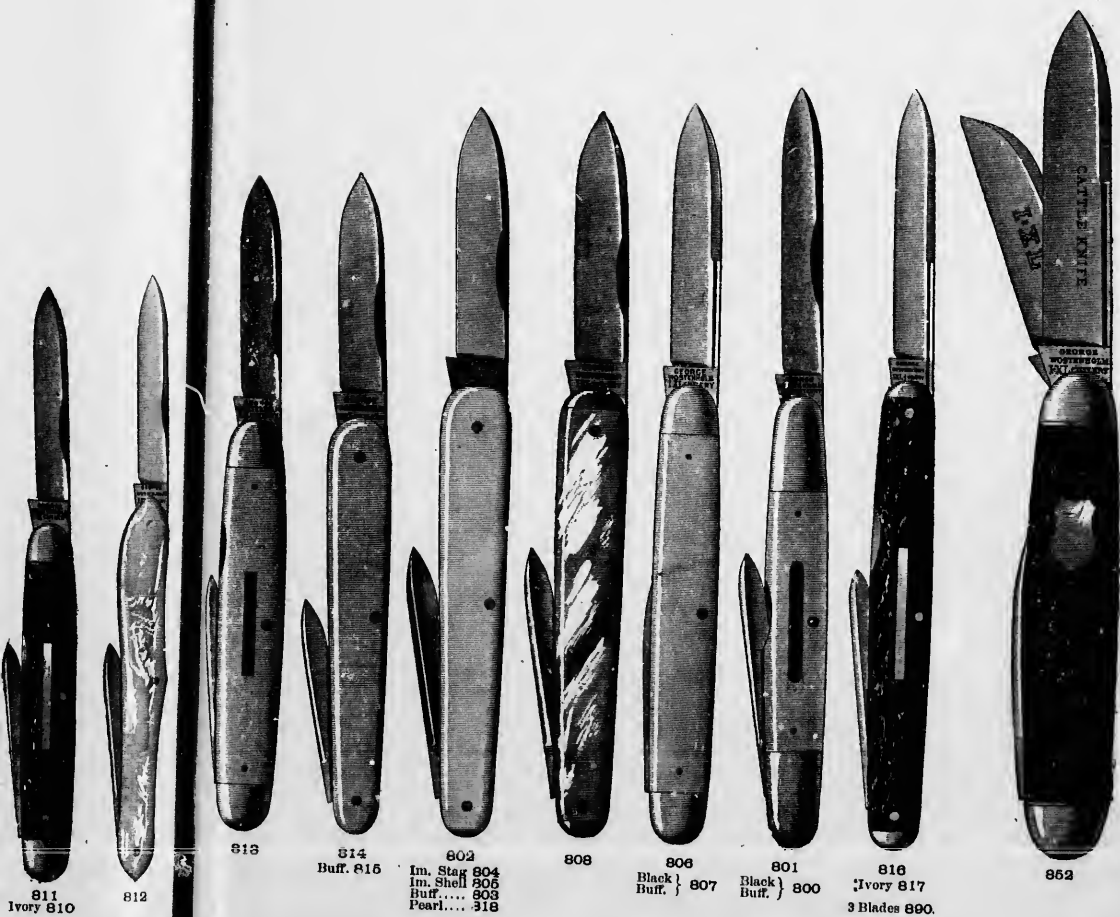


813

GEORGE WOSTENHOLM & SON'S  
I.XL  
POCKET KNIVES

Full size cuts.

For prices, etc., see pages 882 and 883.



811  
Ivory 810

812

813

814  
Buff. 815

802  
Im. Stag 804  
Im. Shell 805  
Buff. .... 803  
Pearl.... 318

808

806  
Black } 807  
Buff. }

801  
Black } 800  
Buff. }

816  
Ivory 817  
3 Blades 890.

852

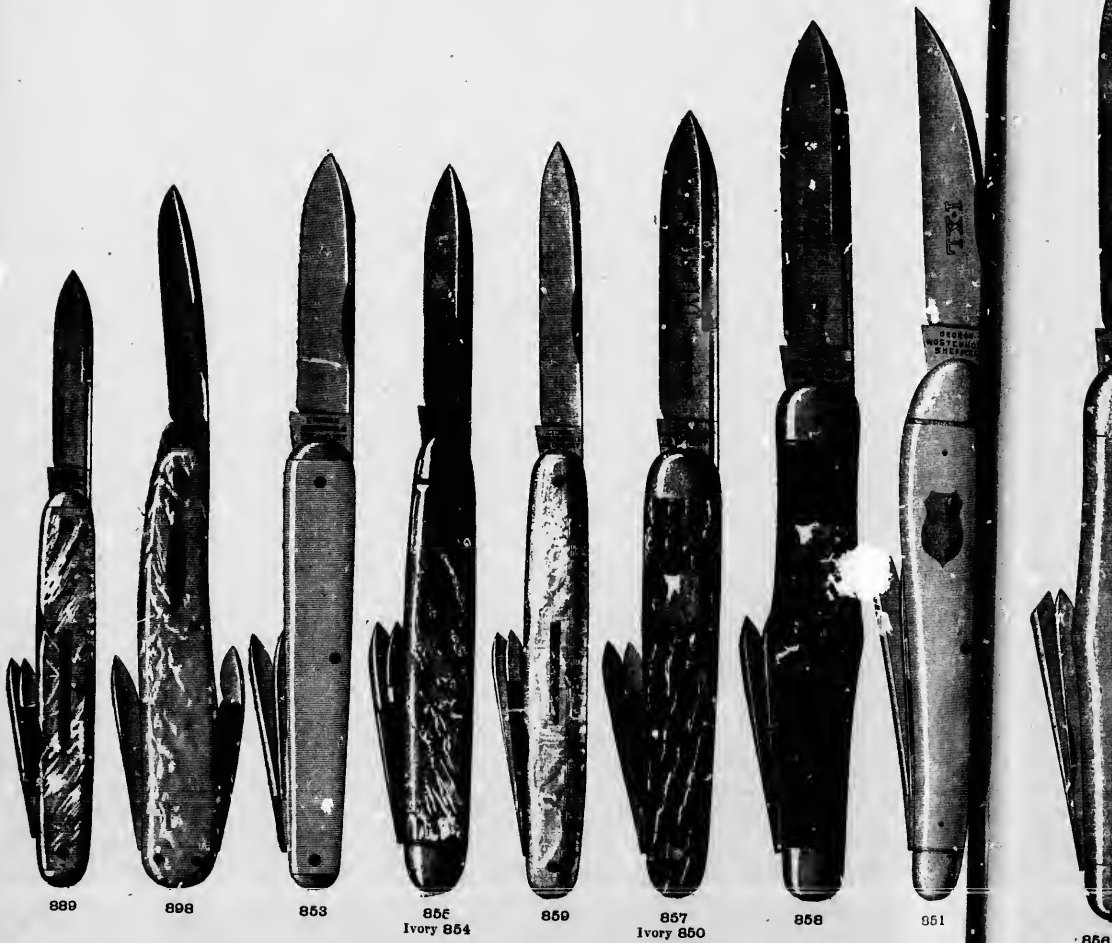
## GEORGE WOSTENHOLM &amp; SON'S

I. XL

## POCKET KNIVES

Full size cuts.

For prices, etc., see page 883.



889

898

853

85E

Ivory 854

859

857

Ivory 850

858

861

866



GEORGE WOSTENHOLM & SON'S

I.XL

POCKET KNIVES

Full size cuts.

For prices, etc., see page 888.



851



856



882



881



Stag 901



Pearl 900



902

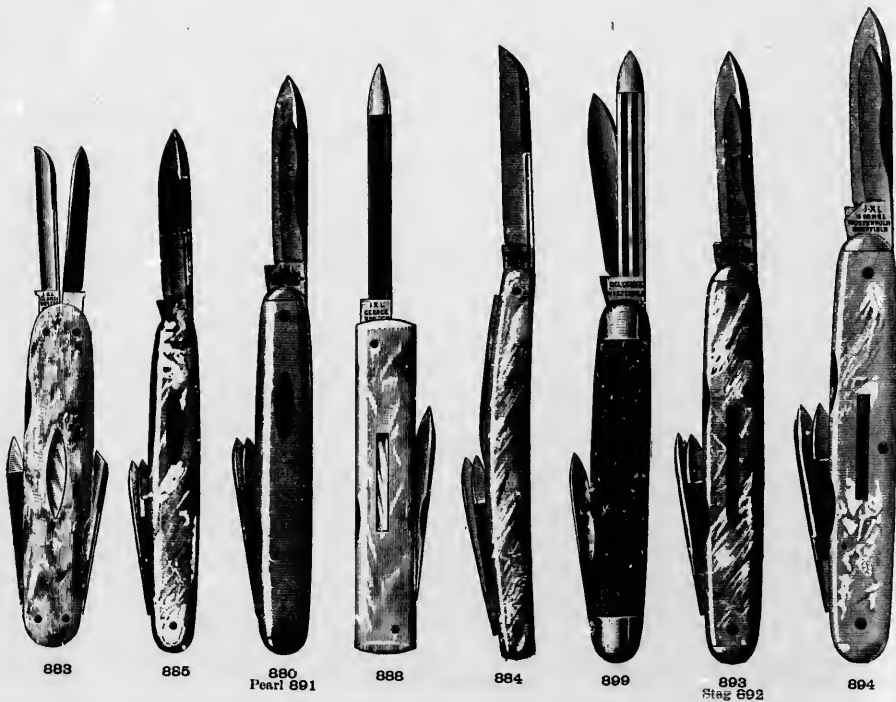
## GEORGE WOSTENHOLM &amp; SON'S

I.XL

## POCKET KNIVES

Full size cuts.

For prices, etc., see page 883.



883

885

880  
Pearl 891

888

884

899

893  
Stag 892

894

896  
Stag 892

GEORGE WOSTENHOLM & SON'S

I.XL

OFFICE AND POCKET KNIVES

Full size cuts.

For prices, etc., see page 883.



894



896  
Stag 896



897



895



932  
Bone 933



930



935

## I. XL CUTLERY

## Page 873

No. 700—1 Blade, Iron Handle, Iron Lined, Glazed Blade.....	Per dozen	\$ 2.60
No. 701—1 Blade, Buff Handle, Iron Lined, Glazed Blade.....	Per dozen	3.00
No. 702—1 Blade, Buff Handle, Iron Lined, Glazed Blade.....	Per dozen	3.35
No. 703—1 Blade, Buff Handle, Iron Lined, Glazed Blade.....	Per dozen	3.90
No. 704—1 Blade, Black Buff Handle, G. S. Bolster, Iron Lined, Glazed Blade.....	Per dozen	4.00
No. 708—1 Blade, Stag Handle, Iron Lined, Glazed Blade.....	Per dozen	3.75
No. 708—1 Blade, Cocoa Handle, G. S. Bolster, Iron Lined, Glazed Blade.....	Per dozen	4.00
No. 709—1 Blade, Buff Handle, Iron Lined, Glazed Blade.....	Per dozen	4.30
No. 710—1 Blade, 3 Inch, Black Buff Handle, Brass Lined, Glazed Blade.....	Per dozen	3.00
No. 711—1 Blade, 3 1-4 Inch, Black Buff Handle, Brass Lined, Glazed Blade.....	Per dozen	3.00
No. 712—1 Blade, 3 1-4 Inch, Grey Buff Handle, Brass Lined, Glazed Blade.....	Per dozen	3.60
No. 715—1 Blade, Buff Handle, Iron Lined, Glazed (Sheepfoot) Blade.....	Per dozen	3.40
No. 758—2 Blades, Buff Handle with Shield, G. S. Bolster, Iron Lined, Glazed Blades.....	Per dozen	7.10

## Page 874

No. 705—1 Blade, Black Buff Handle, G. S. Bolster, Iron Lined, Glazed Blade.....	Per dozen	5.60
No. 750—2 Blades, Iron Handle, Iron Lined, Glazed Blades.....	Per dozen	4.10
No. 751—2 Blades, Black Buff Handle, Iron Lined, Glazed Blades.....	Per dozen	4.60
No. 752—2 Blades, Black Buff Handle, Iron Lined, Glazed Blades.....	Per dozen	5.00
No. 753—2 Blades, Black Buff Handle, Iron Lined, Glazed Blades.....	Per dozen	5.60
No. 754—2 Blades, White Bone Handle, Brass Lined, Glazed Blades.....	Per dozen	5.50
No. 755—2 Blades, Black Buff Handle, Brass Lined, Glazed Blades.....	Per dozen	5.50
No. 763—2 Blades, Stag Handle, Iron Lined, Glazed Blades.....	Per dozen	5.40
No. 765—2 Blades, Cocoa Handle, Brass Lined, Glazed Blades.....	Per dozen	5.50
No. 771—2 Blades, Buff Handle, Iron Lined, Glazed Blades.....	Per dozen	4.75
No. 772—2 Blades, Black Buff Handle, Iron Lined, Glazed Blades.....	Per dozen	4.80
No. 773—2 Blades, Grey Buff Handle, Iron Lined, Glazed Blades.....	Per dozen	4.80
No. 775—2 Blades, Black Buff Handle, Iron Lined, Glazed (Sheepfoot) Blade.....	Per dozen	5.00

## Page 875

No. 714—1 Blade, Black Buff Handle, G. S. Bolster, Iron Lined, Glazed Blade.....	Per dozen	5.35
No. 758—2 Blades, Black Buff Handle, Brass Lined, Glazed Blades.....	Per dozen	6.40
No. 757—2 Blades, Black Buff Handle, Brass Lined, Polished Blades.....	Per dozen	7.30
No. 759—2 Blades, Polished Buff Handle, G. S. Cap, Iron Lined, Glazed Blades.....	Per dozen	8.00
No. 760—2 Blades, Black Buff Handle, G. S. Bolster, Iron Lined, Glazed Blades.....	Per dozen	7.50
No. 762—2 Blades, White Bone Handle, G. S. Bolster, Iron Lined, Glazed Blades.....	Per dozen	7.50
No. 764—2 Blades, Cocoa Handle, G. S. Bolster, Iron Lined, Glazed Blades.....	Per dozen	6.75
No. 766—2 Blades, Cocoa Handle, Brass Lined, Glazed Blades.....	Per dozen	6.75
No. 767—2 Blades, White Bone Handle, Iron Lined, Glazed Blades.....	Per dozen	6.75
No. 768—2 Blades, Cocoa Handle, Brass Lined, Polished Blades.....	Per dozen	7.75
No. 770—2 Blades, Buff Handle, Iron Lined, Glazed Blades.....	Per dozen	6.75
No. 774—2 Blades, Black Buff Handle, G. S. Bolster, Iron Lined, Glazed Blades.....	Per dozen	7.50

## Page 876

No. 761—2 Blades, Stag Handle, Iron Lined, Glazed Blades.....	Per dozen	5.90
No. 769—2 Blades, Grey Buff Handle, Thick Spring, Brass Lined, Polished Blades.....	Per dozen	8 15
No. 809—2 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	5.80
No. 810—2 Blades, Ivory Handle, Brass Lined, Polished Blades.....	Per dozen	8.35
No. 811—2 Blades, Stag Handle, Brass Lined, Polished Blades.....	Per dozen	8.35
No. 812—2 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	10 75
No. 827—2 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	7 25
No. 910—1 Blade, Budding, Black Buff Handle, Glazed Blade.....	Per dozen	5 75
No. 931—1 Blade, Budding, Ivory Handle, Glazed Blade.....	Per dozen	7 25

No. 800—1
No. 801—1
No. 802—1
No. 803—1
No. 804—1
No. 805—2
No. 806—2
No. 807—2
No. 808—2
No. 813—2
No. 814—2
No. 815—2
No. 816—2
No. 817—2
No. 818—2
No. 852—3
No. 890—3
No. 850—3
No. 851—3
No. 853—3
No. 854—3
No. 855—3
No. 857—3
No. 858—3
No. 859—3
No. 889—3
No. 898—3
No. 856—3
No. 881—4
No. 882—4
No. 900—Sp
No. 901—Sp
No. 902—Sp
No. 880—4 F
No. 883—4 F
No. 884—4 F
No. 885—4 F
No. 888—2 H
No. 891—4 H
No. 892—4 H
No. 893—4 B
No. 894—4 B
No. 899—4 B
No. 886—4 B
No. 887—4 B
No. 895—4 B
No. 896—4 B
No. 930—Offic
No. 932—Offic
No. 933—Offic
No. 935—Offic

I.XL CUTLERY

Page 877

Per dozen	\$ 2.60	No. 800—2 Blades, Black Buff Handle, Brass Lined, Polished Blades.....	Per dozen	\$ 9 60
Per dozen	3.09	No. 801—2 Blades, Ivory Handle, Brass Lined, Polished Blades.....	Per dozen	10.00
Per dozen	3.35	No. 802—2 Blades, Ivory Handle, Brass Lined, Polished Blades.....	Per dozen	4.40
Per dozen	3.00	No. 803—2 Blades, Buff Handle, Brass Lined, Polished Blades.....	Per dozen	4.40
Per dozen	4.00	No. 804—2 Blades, Im. Stag Handle, Brass Lined, Polished Blades.....	Per dozen	4.40
Per dozen	3.75	No. 805—2 Blades, Im. Shell Handle, Brass Lined, Polished Blades.....	Per dozen	4.60
Per dozen	4.00	No. 806—2 Blades, Ivory Handle, Brass Lined, Polished Blades.....	Per dozen	6.90
Per dozen	4.30	No. 807—2 Blades, Black Buff Handle, Brass Lined, Polished Blades.....	Per dozen	6.75
Per dozen	3.60	No. 808—2 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	9.50
Per dozen	3.60	No. 813—2 Blades, Ivory Handle, Brass Lined, Polished Blades.....	Per dozen	9.00
Per dozen	3.40	No. 814—2 Blades, Ivory Handle, Brass Lined, Polished Blades.....	Per dozen	4.30
Per dozen	7.10	No. 815—2 Blades, Buff Handle, Brass Lined, Polished Blades.....	Per dozen	4.30
		No. 816—2 Blades, Stag Handle, Brass Lined, Polished Blades.....	Per dozen	9.50
		No. 817—2 Blades, Ivory Handle, Brass Lined, Polished Blades.....	Per dozen	9.50
		No. 818—2 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	7.50
		No. 852—3 Blades, Pat. Stag Handle, Iron Lined, Glazed Blades.....	Per dozen	10.50
		No. 890—3 Blades, Stag Handle, Brass Lined, Polished Blades.....	Per dozen	13.50

Page 878

Per dozen	5.60	No. 850—3 Blades, Ivory Handle, Brass Lined, Polished Blades.....	Per dozen	13.00
Per dozen	4.10	No. 851—3 Blades, Ivory Handle, Brass Lined, Glazed Blades.....	Per dozen	13.00
Per dozen	4.60	No. 853—3 Blades, Ivory Handle, Brass Lined, Polished Blades.....	Per dozen	8.25
Per dozen	5.00	No. 854—3 Blades, Ivory Handle, Brass Lined, Polished Blades.....	Per dozen	9.25
Per dozen	5.60	No. 855—3 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	11.75
Per dozen	5.50	No. 857—3 Blades, Stag Handle, Brass Lined, Polished Blades.....	Per dozen	13.00
Per dozen	5.50	No. 858—3 Blades, Black Buff Handle, Brass Lined, Glazed Blades.....	Per dozen	10.30
Per dozen	5.40	No. 859—3 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	21.50
Per dozen	5.50	No. 889—3 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	16.00
Per dozen	4.75	No. 888—3 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	13.75
Per dozen	4.80			
Per dozen	5.00			

Page 879

		No. 886—3 Blades, Ivory Handle, Brass Lined, Polished Blades.....	Per dozen	16.75
		No. 881—4 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	21.50
		No. 882—4 Blades, Stag Handle, Brass Lined, Polished Blades.....	Per dozen	13.50
		No. 900—Sportsman's Knife, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	24.00
		No. 901—Sportsman's Knife, Stag Handle, Brass Lined, Polished Blades.....	Per dozen	21.50
		No. 902—Sportsman's Knife, Stag Handle, Iron Lined, Glazed Blades.....	Per dozen	14.00

Page 880

		No. 880—4 Blades, Ivory Handle, Brass Lined, Polished Blades.....	Per dozen	12.80
		No. 883—4 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	18.00
		No. 884—4 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	15.00
		No. 885—4 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	16.50
		No. 888—2 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	10.75
		No. 891—4 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	16.00
		No. 892—4 Blades, Stag Handle, Brass Lined, Polished Blades.....	Per dozen	13.50
		No. 893—4 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	16.50
		No. 894—4 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	18.25
		No. 899—4 Blades, Stag Handle, Brass Lined, Polished Blades.....	Per dozen	11.00

Page 881

		No. 886—4 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	14.75
		No. 887—4 Blades, Pearl Handle, Brass Lined, Polished Blades.....	Per dozen	20.50
		No. 895—4 Blades, Stag Handle, Brass Lined, Glazed Blades.....	Per dozen	11.00
		No. 898—4 Blades, Stag Handle, Brass Lined, Glazed Blades.....	Per dozen	10.50
		No. 930—Office Knives, Polished White Bone Handle.....	Per dozen	4.50
		No. 932—Office Knives, Cocoa Handle.....	Per dozen	2.40
		No. 933—Office Knives, White Bone Handle.....	Per dozen	2.80
		No. 935—Office Knives, Polished Cocoa Handle.....	Per dozen	3.50



504  
But  $\frac{1}{4}$  in



526  
Etched in  
Gold.



516  
Etched Blue  
and White.



508  
 $\frac{7}{8}$  in. 509



523  
 $\frac{1}{4}$  in. 522  
 $\frac{1}{2}$  in. 524  
 $\frac{3}{4}$  in. 525



588  
 $\frac{1}{2}$  in. 501  
Etched in  
Gold.

For prices, etc., see page 897.



740

### THE "HINDOO"

Made from superior quality steel, great care being exercised in grinding and tempering. In the manufacture of this Razor no expense has been spared to produce a serviceable article. Double concave and with fine cutting edge, without any useless outlay for show. For use the "Hindoo" has no superior.



533



529



519  
Etched in Gold



511  
3/4 in. 512



538  
3/4 in. 501  
Etched in Gold.

For prices, etc., see page 897.

RAZOR STROPS



- No. C —13 1-2 inch, Emerson's Genuine, one side, oval ..... Per dozen \$3.00  
 No. XCD —13 1-2 inch, Imitation Emerson ..... Per dozen 1.95



- No. 22C —13 1-2 inch, Cushion Belt, Imitation Morocco Case ..... Per dozen \$5.40  
 No. 94 —13 1-2 inch, Elastic, Fine Leather Finish ..... Per dozen 8.25



No. 250.

- No. 23C —13 1-2 inch, Cushion Belt, Imitation Morocco Case ..... Per dozen \$6.50  
 No. 230 —13 1-2 inch, Cushion Belt, Imitation Morocco Case, Fine Leather Finish ..... Per dozen 8.25



- No. 40 —13 1-2 inch, Flannel Cushioned, with Drawer for Razor ..... Per dozen \$6.75



- No. 6PC —14 inch, German Belt, with Hone ..... Per dozen \$6.75

Wade & Butcher's Stropps

- No. 3538 —Sheffield, Fine Leather ..... Per dozen \$5.00  
 No. 3562 —Quadruple, 4 sides, with Hone ..... Per dozen 6.75  
 No. 3543 —Dominion, Elastic Fine Leather, Cushioned ..... Per dozen 9.75

Half dozen in a box or package.

No. 10-

No. 3-1

No. 88-

No. 255-

Barber's

Barber's

No. 310-

No. 340-



RAZOR STROPS



No. 10—13 1-2 inch, Finest Selected Leather, Curved Metal Ends, Patent Handle..... Per dozen \$6.75



No. 3—13 1-2 inch, Currier's Combination, Heavy Leather..... Per dozen \$4.50



No. 88—14 inch, Four-Side Cushion Combination, with 1 1-2 inch Nickel Ferrule..... Per dozen \$7.50



No. 255—13 inch, Fine Double Padded Cushion, Extra Heavy Nickel Wire Frame..... Per dozen \$7.50



Barber's Single Swing Strop, Black or Russet..... Per dozen \$2.75



Barber's Double Swing Strop..... Per dozen \$5.00

Horse Tail Stropps



No. 310—17 inch es, long, 2 inches wide, extra heavy..... Per dozen \$4.00

No. 340—25 1-2 inches long, 2 inches wide, extra heavy, nickel swivel..... Per dozen 7.75  
Half dozen in a box or package.

... Per dozen \$3.60  
... Per dozen 1.95

... Per dozen \$5.40  
... Per dozen 8.25

... Per dozen \$6.50  
... Per dozen 8.25

... Per dozen \$6.75

... Per dozen \$6.75

... Per dozen \$5.00  
... Per dozen 6.75  
... Per dozen 9.75



4058



4054



4055



4056



4057



E.P. Ferrule  
4058

For prices, etc., see page 897.



E.P. Ferrule  
4058



442



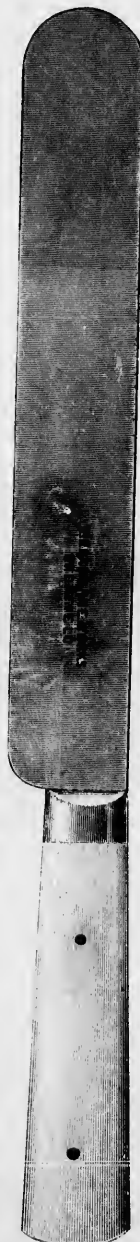
464



5781  
5782



3471 W.H.



3474 W.H.  
2476 Ebony  
1473 Rose



3788

[For prices, etc., see page 807.]



3741



6938



1825 Rose  
3828 W. B.



1109 Rose,  
2108 Ebony.



2827 Ebony  
3828 W. B.

For prices, etc., see page 897.



2927 Ebony  
3526 W. B.



2975



2062



1764 Rose



3767



1783

For prices, etc., see page 898.



1633 Rose.  
2633 Ebony.  
3633 W.B.



1959



1782 Rose.  
2780 Ebony.  
3786 W.B.



1906 Rose.

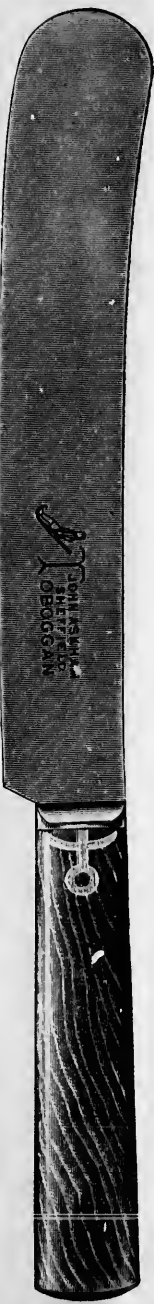


1934 Rose.



2939  
1939  
3939

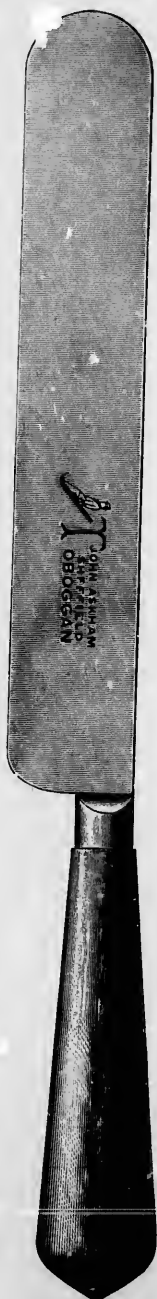
For prices, etc., see page 898.



1934 Rose.



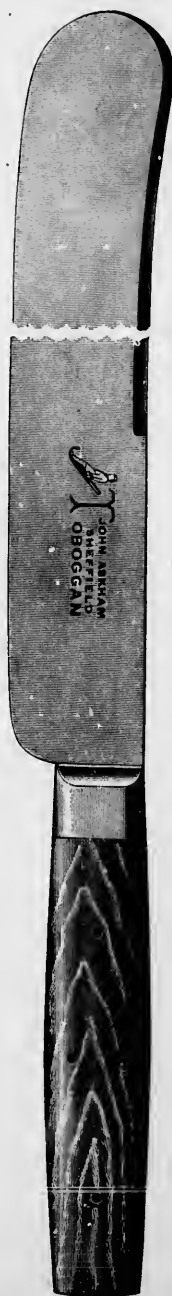
2989 Ebony.  
1939 Rose.  
3989 W.B.



4806 Self Tip.  
1803 Rose.



2836 Ebony.

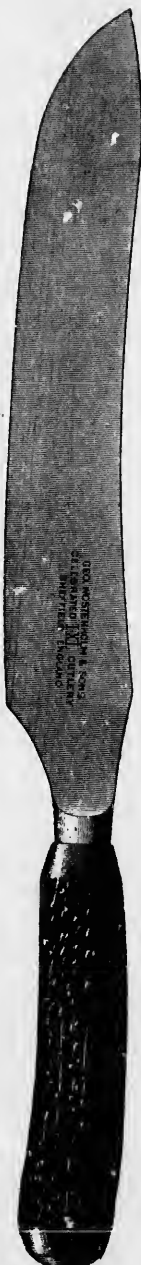


1804 Rose.

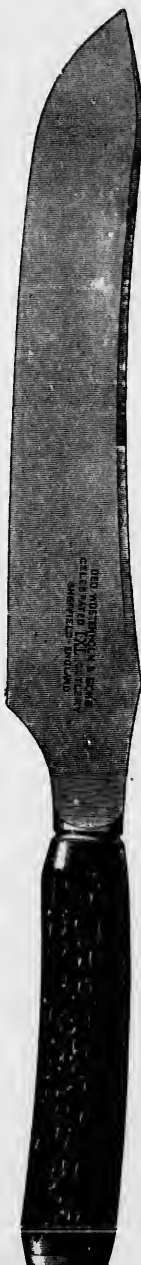
For prices, etc., see page 699.



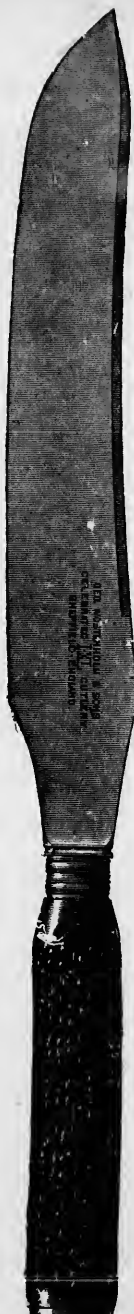
3272  
8 inch.



3273  
9 inch.



3285  
9 inch.  
In Case with L. } 3060  
Steel ..... }



E.P. Ferrule.  
3251 9 inch.  
In Case with L. } 3061  
Steel ..... }



3247  
10 inch.  
Special Long  
Shank Fork.



E.P. Cap and Ferrule  
3249 9 inch.  
Special Long  
Shank Fork  
In Cas. 3055.

For prices, etc., see page 898.

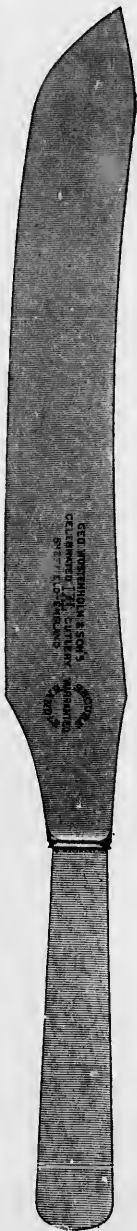




E.P. Cap and Ferrule  
 3249 9 inch.  
 Special Long  
 Shank Fork  
 In Case 3055.



3255 1  
 9 inch  
 In Case  
 with Steel  
 3059



4053  
 9 inch.



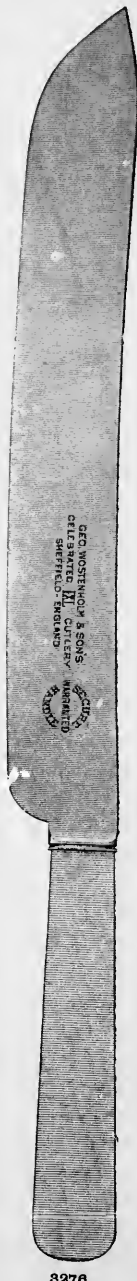
4054  
 9 inch.



4057  
 9 inch.



E.P. Ferrule.  
 4058  
 9 inch.



3276  
 9 inch.  
 3276 in Case } 3068  
 with Steel... }  
 3277 ditto } 3062  
 better Case }

For prices, etc., see page 898.

## CARVERS IN CASES



No. 12191.

## Joseph Rodgers &amp; Sons

No. 12191—5 Pieces, Celluloid Handles, Silver Mountings.....	Each	\$26.25
No. 12190—5 Pieces, Stag Handles, Silver Mountings.....	Each	18.75

## George Wostenholm &amp; Sons

5 Pieces		
No. 3066—Celluloid Handles (as Carver No. 4057, page 895).....	Each	\$11.25
No. 3065—Stag Handles (as Carver No. 3249, page 894) (Walnut Case).....	Each	18.75
3 Pieces		
No. 3063—Celluloid Handles (as Carver No. 3276, page 895).....	Each	5.00
No. 3062—Celluloid Handles (as Carver No. 3276, page 895), but with Polished Swage Blade, Best Fork and Better Case.....	Each	6.00
No. 3060—Stag Handles (as Carver No. 3265, page 894).....	Each	5.75
No. 3061—Stag Handles (as Carver No. 3251, page 894).....	Each	7.50
2 Pieces		
No. 3055—Stag Handles (as Carver No. 3249, page 894) with special Long Shank Fork, Silver Cap and Ferrule.....	Each	6.00

## E. M. Dickinson

5 Pieces		
No. 9311—Stag Handles, Silver Cap and Ferrule .....	Each	\$15.00
3 Pieces		
No. 9021—Celluloid Handles, Oval .....	Each	3.75
No. 9119—Celluloid Handles, Square Moulded Ends .....	Each	5.00
No. 265 —Celluloid Handles, Oval .....	Each	3.75
No. 9016—Stag Handles .....	Each	2.75
No. 9017—Stag Handles, Silver Ferrule .....	Each	3.00
No. 9049—Stag Handles, Silver Ferrule .....	Each	3.00
No. 9054—Stag Handle (as Carver No. 3255, page 895) (Extra Quality Case).....	Each	4.75
No. 9220—Stag Handle, Silver Ferrule (Oak Case).....	Each	7.00
No. 6804—Stag Handle, Silver Ferrule .....	Each	4.25
No. 6805—Machine Stag Handle, Silver Cap and Ferrule .....	Each	8.25
No. 9124—Stag Handle, Silver Cap and Ferrule .....	Each	9.50
Breakfast Sets, 3 Pieces		
No. 6800—Stag Handle .....	Each	3.00

We carry in stock a great variety of Carvers in cases, not described in above list.

Nos.  
Inche  
Per d  
Nos.  
Inche  
Per d

Nos.  
Inche  
Per d

No. 40  
No. 40  
No. 40  
No. 40  
No. 40

No. 442  
No. 454

No. 573  
No. 573  
No. 347  
No. 347  
No. 147  
No. 373

No. 374  
No. 360  
No. 260  
No. 160  
No. 260  
No. 160  
No. 6938  
No. 1825  
No. 3826  
No. 1199  
No. 2199  
No. 2827  
No. 3823

No. 1199-

RAZORS

Page 884

Nos. ....	504	526	515	508	509	523
Inches. ....	3-4	5-8	3-4	3-4	7-8	5-8
Per dozen. ....	\$5.25	6.50	0.00	11.50	12.00	6.00
Nos. ....	522	524	525	536	501	
Inches. ....	1-2	3-4	7-8	3-4	7-8	
Per dozen. ....	\$6.00	6.25	6.50	7.50	8.25	

Page 885

Nos. ....	511	512	519	529	533	740	740	740	740
Inches. ....	5-8	3-4	3-4	3-4	5-8	1-2	5-8	3-4	7-8
Per dozen. ....	\$8.00	8.25	8.00	10.00	7.50	12.00	12.75	12.75	13.50

Knives Only

PRICE PER DOZEN.

Page 888

No.	Dessert.	Table.	
No. 4053-	\$4.30	\$5.10	Celluloid Handle.
No. 4054-	4.55	5.50	Celluloid Handle.
No. 4055-	4.30	5.80	Celluloid Handle.
No. 4056-	4.55	5.75	Celluloid Handle.
No. 4057-	4.80	6.10	Celluloid Handle.
No. 4058-	4.80	6.00	Celluloid Handle, E. P. Ferrule.

Knives Only

PRICE PER DOZEN.

Page 889

No.	Dessert.	Table.	
No. 442-	\$	\$2.50	Plain Celluloid Handle.
No. 454-	3.20	3.40	Grained Celluloid Handle.

Table Knives and Forks

No. 5731—J. SHARPE, Iron Handle Tables, Cast Forks	Per dozen	\$1.10
No. 5732—J. SHARPE, Iron Handle Tables, Steel Forks	Per dozen	1.30
No. 3471—BROAD LANE, White Bone Handle Tables, Cast Forks	Per dozen	1.10
No. 3474—BROAD LANE, White Bone Handle Tables, Cast Forks	Per dozen	1.50
No. 2475—BROAD LANE, Ebony Handle Tables, Cast Forks	Per dozen	1.40
No. 1473—BROAD LANE, Rosewood Handle Tables, Cast Forks	Per dozen	1.35
No. 3733—J. SHARPE, White Bone Handle Tables, Cast Forks	Per dozen	1.60

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No. 3741 —J. SHARPE, White Bone Handle Tables, Steel Forks	Per dozen	\$2.00
No. 360 —ROYAL OAK, as No. 3741, Steel Forks	Per dozen	2.00
No. 260 —ROYAL OAK, as No. 3741, Ebony Handle, Steel Forks	Per dozen	1.75
No. 160 —ROYAL OAK, as No. 3741, Rosewood Handle, Steel Forks	Per dozen	1.75
No. 260 1-2—ROYAL OAK, as No. 3741, Ebony Handle, Cast Forks	Per dozen	1.40
No. 160 1-2—ROYAL OAK, as No. 3741, Rosewood Handle, Cast Forks	Per dozen	1.40
No. 6938 —J. SHARPE, Imitation Stag Handle Tables, Cast Forks	Per dozen	1.40
No. 1825 —J. SHARPE, Rosewood Handle Tables, Steel Forks	Per dozen	1.55
No. 3826 —J. SHARPE, White Bone Handle Tables, Steel Forks	Per dozen	2.00
No. 1199 —J. SHARPE, Rosewood Handle Tables, Steel Forks	Per dozen	2.30
No. 2199 —J. SHARPE, Ebony Handle Tables, Steel Forks	Per dozen	1.90
No. 2827 —J. SHARPE, Ebony Handle Tables, Steel Forks	Per dozen	1.95
No. 3625 —J. SHARPE, White Bone Handle Tables, Steel Forks	Per dozen	2.20

Dessert Knives and Forks

No. 1199—J. SHARPE, Rosewood Handle Desserts, Steel Forks	Per dozen	1.90
---	-----------	------



..... Each \$26.25  
 ..... Each 18.75  
 ..... Each \$11.25  
 ..... Each 18.75  
 ..... Each 5.00  
 Best Fork and ..... Each 6.00  
 ..... Each 5.75  
 ..... Each 7.50

Silver Cap and ..... Each 6.00  
 ..... Each 3.75  
 ..... Each 5.00  
 ..... Each 3.75  
 ..... Each 2.75  
 ..... Each 3.00  
 ..... Each 8.00  
 ..... Each 4.75  
 ..... Each 7.00  
 ..... Each 4.25  
 ..... Each 8.25  
 ..... Each 9.50  
 ..... Each 3.00

ve list.

## TABLE KNIVES AND FORKS

## Page 891.

No. 2975—J. Sharpe, Ebony Handle Tables, Steel Forks .....	Per dozen	\$2.50
No. 210—Royal Oak, as No. 2975, Steel Forks .....	Per dozen	2.00
No. 110—Royal Oak, as No. 2975, Rosewood Handle, Steel Forks .....	Per dozen	2.00
No. 310—Royal Oak, as No. 2975, White Bone Handle, Steel Forks .....	Per dozen	2.20
No. 2052—Askham's, Ebony Handle Tables, Steel Forks .....	Per dozen	2.35
No. 1764—Askham's, Rosewood Handle Tables, Steel Forks .....	Per dozen	2.35
No. 3797—Askham's, White Bone Handle Tables, Steel Forks .....	Per dozen	2.60
No. 1783—Askham's, Rosewood Handle Tables, Steel Forks .....	Per dozen	2.40

## Page 892.

No. 1633—Askham's, Rosewood Handle Tables, Steel Forks .....	Per dozen	\$2.40
No. 2633—Askham's, Ebony Handle Tables, Steel Forks .....	Per dozen	2.40
No. 3633—Askham's, White Bone Handle Tables, Steel Forks .....	Per dozen	2.70
No. 1959—Askham's, Rosewood Handle Tables, Steel Forks .....	Per dozen	2.50
No. 1762—Askham's, Rosewood Handle Tables, Steel Forks .....	Per dozen	2.35
No. 2760—Askham's, Ebony Handle Tables, Steel Forks .....	Per dozen	2.40
No. 3796—Askham's, White Bone Handle Tables, Steel Forks .....	Per dozen	2.70
No. 1906—Askham's, Rosewood Handle Tables, Steel Forks .....	Per dozen	2.70
No. 1934—Askham's, Rosewood Handle Tables, Steel Forks .....	Per dozen	2.35

## Dessert Knives and Forks

No. 3796—Askham's, White Bone Handle Desserts, Steel Forks .....	Per dozen	\$2.70
No. 1906—Askham's, Rosewood Handle Desserts, Steel Forks .....	Per dozen	2.70
No. 1934—Askham's, Rosewood Handle Desserts, Steel Forks .....	Per dozen	2.35

## Page 893.

No. 2939—Askham's, Ebony Handle Tables, Steel Forks .....	Per dozen	\$2.70
No. 1939—Askham's, Rosewood Handle Tables, Steel Forks .....	Per dozen	2.70
No. 3939—Askham's, White Bone Handle Tables, Steel Forks .....	Per dozen	2.90
No. 4808—Askham's, Self-Tip Handle Tables, Steel Forks .....	Per dozen	4.15
No. 1803—Askham's, Rosewood Handle Tables, Steel Forks .....	Per dozen	2.70
No. 2836—Askham's, Ebony Handle Tables, Steel Forks .....	Per dozen	2.50
No. 1802—Askham's, Rosewood Handle Tables, Steel Forks .....	Per dozen	2.60

## Dessert Knives and Forks

No. 2939—Askham's, Ebony Handle Desserts, Steel Forks .....	Per dozen	\$2.70
No. 3939—Askham's, White Bone Handle Desserts, Steel Forks .....	Per dozen	2.90
No. 4808—Askham's, Self-Tip Handle Desserts, Steel Forks .....	Per dozen	4.15
No. 1803—Askham's, Rosewood Handle Desserts, Steel Forks .....	Per dozen	2.70
No. 2836—Askham's, Ebony Handle Desserts, Steel Forks .....	Per dozen	2.50

## Carvers

## Page 894.

No. 2972—I. XL, Stag Handle Carvers, 8 inches .....	Per pair	\$0.90
No. 2973—I. XL, Stag Handle Carvers, 9 inches .....	Per pair	1.15
No. 3265—I. XL, Stag Handle Carvers, 9 inches .....	Per pair	1.95
No. 3251—I. XL, Stag Handle Carvers, E. P. Ferrule, 9 inches .....	Per pair	2.60
No. 3247—I. XL, Stag Handle Carvers, 10 inches .....	Per pair	2.60
No. 3249—I. XL, Stag Handle Carvers, E. P. Cap and Ferrule, 9 inches .....	Per pair	3.40

## Page 895.

No. 3255—I. XL, Stag Handle Carvers, 9 inches .....	Per pair	\$2.40
No. 4053—I. XL, Celluloid Handle Carvers, 9 inches .....	Per pair	1.70
No. 4054—I. XL, Celluloid Handle Carvers, 9 inches .....	Per pair	2.10
No. 4057—I. XL, Celluloid Handle Carvers, 9 inches .....	Per pair	2.00
No. 4058—I. XL, Celluloid Handle Carvers, E. P. Ferrule, 9 inches .....	Per pair	1.95
No. 3276—I. XL, Celluloid Handle Carvers, 9 inches .....	Per pair	2.00
No. 4054—I. XL, Celluloid Handle Game Carvers .....	Per pair	1.70
No. 4057—I. XL, Celluloid Handle Game Carvers .....	Per pair	1.70
No. 4057—I. XL, Celluloid Handle Breakfast Carvers .....	Per pair	1.80

BREAD KNIVES, PUTTY KNIVES, PRUNING KNIVES,  
FARRIERS' KNIVES

For prices, etc., see page 902.

..... Per dozen \$2.30  
 ..... Per dozen 2.00  
 ..... Per dozen 2.00  
 ..... Per dozen 2.20  
 ..... Per dozen 2.35  
 ..... Per dozen 2.35  
 ..... Per dozen 2.60  
 ..... Per dozen 2.40

..... Per dozen \$2.40  
 ..... Per dozen 2.40  
 ..... Per dozen 2.70  
 ..... Per dozen 2.80  
 ..... Per dozen 2.35  
 ..... Per dozen 2.40  
 ..... Per dozen 2.70  
 ..... Per dozen 2.70  
 ..... Per dozen 2.35

..... Per dozen \$2.70  
 ..... Per dozen 2.70  
 ..... Per dozen 2.35

..... Per dozen \$2.70  
 ..... Per dozen 2.70  
 ..... Per dozen 2.90  
 ..... Per dozen 4.15  
 ..... Per dozen 2.70  
 ..... Per dozen 2.50  
 ..... Per dozen 2.60

..... Per dozen \$2.70  
 ..... Per dozen 2.90  
 ..... Per dozen 4.15  
 ..... Per dozen 2.70  
 ..... Per dozen 2.50

..... Per pair \$0.90  
 ..... Per pair 1.15  
 ..... Per pair 1.95  
 ..... Per pair 2.60  
 ..... Per pair 2.60  
 ..... Per pair 3.40

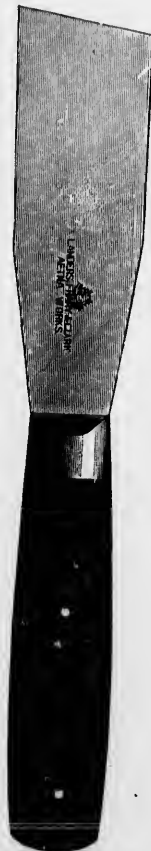
..... Per pair \$2.40  
 ..... Per pair 1.70  
 ..... Per pair 2.10  
 ..... Per pair 2.00  
 ..... Per pair 1.95  
 ..... Per pair 2.00  
 ..... Per pair 1.70  
 ..... Per pair 1.70  
 ..... Per pair 1.80



Style of  
3015  
3002  
3589



Style of  
1265  
3027  
3088



3429  
3431  
3861



920



925  
Assorted, 3/4 and 5/8 inch.



No. 480.

The Blades of the "Wapacut" Knives are made of best Double Shear Steel, hand forged and carefully tempered.

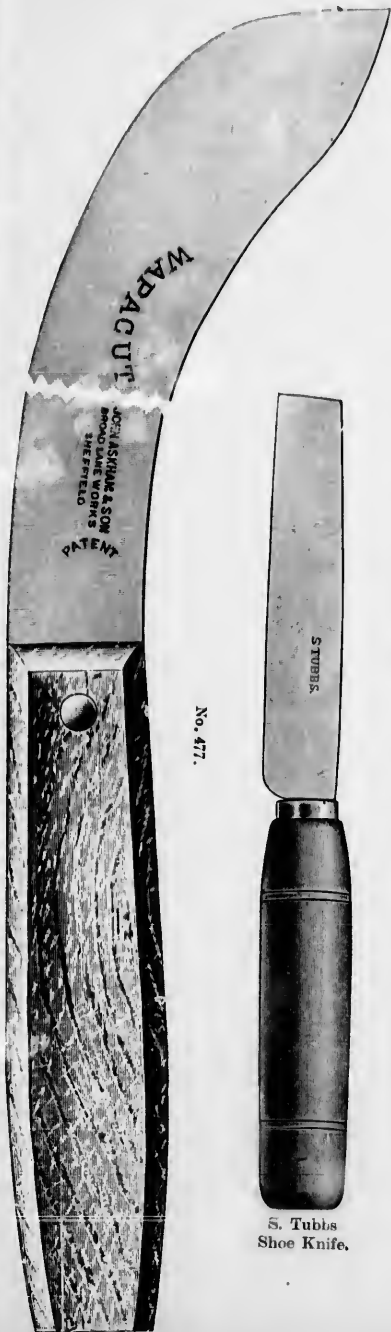
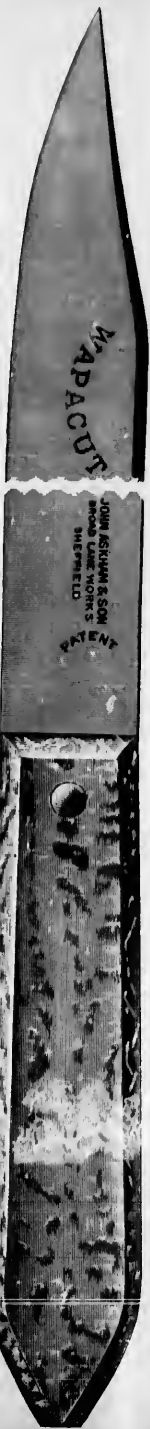


No. 475.

Sectional cut showing how handles are attached to blade.



For prices, etc., see page 902.



No. 477.

"WAPACUT" SKINNING KNIVES

SHOE KNIVES

KITCHEN KNIVES



S. Tubbs  
Shoe Knife.



Goodell's  
Shoe Knife.



Goodell's  
Kitchen Knife.



No. 15  
Kitchen Knife.

For prices, etc., see page 902.

**BREAD KNIVES**

Page 899

No. 2015—Bread Knives, Wood Handle .....	Per dozen	\$ 2.00
No. 3002—Bread Knives, Wood Handle .....	Per dozen	4.00
No. 3589—Bread Knives (Joseph Rodgers & Sons') .....	Per dozen	10.75
No. 1265—Bread Knives, Wood Handle .....	Per dozen	4.50
No. 3027—Bread Knives, Wood Handle .....	Per dozen	7.60
No. 5086—Bread Knives (Joseph Rodgers & Sons') .....	Per dozen	12.00

**Putty Knives**

Page 899

No. 3429—Heavy Putty Knives, Dickinson's, Rosewood Handle .....	Per dozen	\$ 2.25
No. 3431—Light Putty Knives, Dickinson's, Rosewood Handle .....	Per dozen	2.00
No. 3881—Putty Knives, Rodgers' Square Point, Cocoa Handle .....	Per dozen	2.40
No. 3111—Putty Knives, Rodgers' Spear Point, Cocoa Handle .....	Per dozen	3.00

**Pruning Knives**

Page 899

No. 920—I.X.L Pruning Knives, Stag Handle .....	Per dozen	\$ 8.25
No. 189—Joseph Rodgers & Sons' Pruning Knives, Stag Handle .....	Per dozen	8.25
No. 190—Joseph Rodgers & Sons' Pruning Knives, Buff Handle .....	Per dozen	8.25
No. 192—Joseph Rodgers & Sons' Pruning Knives, Cocoa Handle .....	Per dozen	4.40
No. 540—Joseph Rodgers & Sons' Pruning Knives, Beech Handle, with Sheath .....	Per dozen	4.70

**Farriers' Knives**

Page 899

No. 925—I.X.L Farriers' Knives .....	Per dozen	\$ 3.40
No. 18350—Joseph Rodgers & Sons' Farriers' Knives, 5-8 inch .....	Per dozen	4.25
No. 18352—Joseph Rodgers & Sons' Farriers' Knives, 3-4 inch .....	Per dozen	4.25
No. 18353—Joseph Rodgers & Sons' Farriers' Knives, 7-8 inch .....	Per dozen	4.25
No. 18349—Joseph Rodgers & Sons' Farriers' Searching Knives .....	Per dozen	4.25

**Wapacut Butcher Knives**

Beechwood Handles.

Page 900

No. 475 .....	Inches	6	7	8	10	12
	Per dozen	\$2.70	3.40	4.50	6.75	\$10.75
No. 480—Wapacut Sticking Knives, 6 inches .....	Per dozen	2.70				

Page 901

No. 477—Wapacut Skinning Knives, 5 1-2 inches .....	Per dozen	2.70
No. 477—Wapacut Skinning Knives, 6 inches .....	Per dozen	2.70

**Shoe Knives**

Page 801

S. Tubbs' Shoe Knives, 4 inch, Square Points .....	Per dozen	\$ 1.05
Goodell's Shoe Knives, 4 inch, Square Points .....	Per dozen	1.90
John Wilson's Shoe Knives, No. 01, Round Points .....	Per dozen	1.30
John Wilson's Shoe Knives, No. 1, Square Points .....	Per dozen	1.30
Ames' Shoe Knives, No. 2, Square Points .....	Per dozen	1.35
Ames' Shoe Knives, No. 2, Round Points .....	Per dozen	1.60

**Kitchen Knives**

Page 801

Goodell's Kitchen Knives, Square Points .....	Per dozen	\$ 0.85
No. 15 —Kitchen Knives .....	Per dozen	1.00
No. 16832 1-2—Kitchen Knives (Blades same as Cigar Knife, page 903) .....	Per dozen	.95

No. 88  
No. 50  
No. 50

No. 133  
No. 131  
No. 132  
No. 511  
No. 496  
No. 862  
No. 862  
No. 864  
No. 866

Cigar Knife



BUTCHERS' STEELS



No. 860.

- No. 860—8 1-2 inch, Rodgers' Stag Handle, wire ring and swivel ..... Per dozen \$ 5.90
- No. 504—12 inch, Wapacut Stag Handle, brass ferrule, ring and swivel ..... Per dozen 12.00
- No. 504—14 inch, Wapacut Stag Handle, brass ferrule, ring and swivel ..... Per dozen 13.75

Half dozen in a package.



No. 133.

- No. 133—10 inch, Varnished Handle, wire ring and swivel ..... Per dozen \$ 5.60
- No. 131—12 inch, Red Wood Handle, brass swivel and ring ..... Per dozen 13.00
- No. 132—12 inch, Self-Tip Handle, brass ferrule, swivel and ring ..... Per dozen 16.75
- No. 511—12 inch, Wapacut Boxwood Handle, brass ferrule, swivel and ring ..... Per dozen 11.75
- No. 496—12 inch, Wapacut Fluted Self-Tip Handle, nickel-plated ferrule, swivel and ring ..... Per dozen 24.00
- No. 862—12 inch, Rodgers' Red Wood Inlaid Handle, wire ring and swivel ..... Per dozen 14.00
- No. 864—12 inch, Rodgers' Self-Tip Handle, wire ring and swivel ..... Per dozen 17.75
- No. 866—12 inch, Rodgers' Self-Tip Handle, brass ferrule, swivel and ring ..... Per dozen 22.50

Half dozen in a package.

Cigar Knives



Cincinnati Pattern, Sharp Point.

- Cigar Knives, Cincinnati pattern, sharp point ..... Per dozen \$2.70

One dozen in a box.

..... Per dozen \$ 2.00  
 ..... Per dozen 4.00  
 ..... Per dozen 10.75  
 ..... Per dozen 4.50  
 ..... Per dozen 7.60  
 ..... Per dozen 12.00

..... Per dozen \$ 2.25  
 ..... Per dozen 2.00  
 ..... Per dozen 2.40  
 ..... Per dozen 3.00

..... Per dozen \$ 8.25  
 ..... Per dozen 8.25  
 ..... Per dozen 8.25  
 ..... Per dozen 4.40  
 ..... Per dozen 4.70

..... Per dozen \$ 3.40  
 ..... Per dozen 4.25  
 ..... Per dozen 4.25  
 ..... Per dozen 4.25  
 ..... Per dozen 4.25

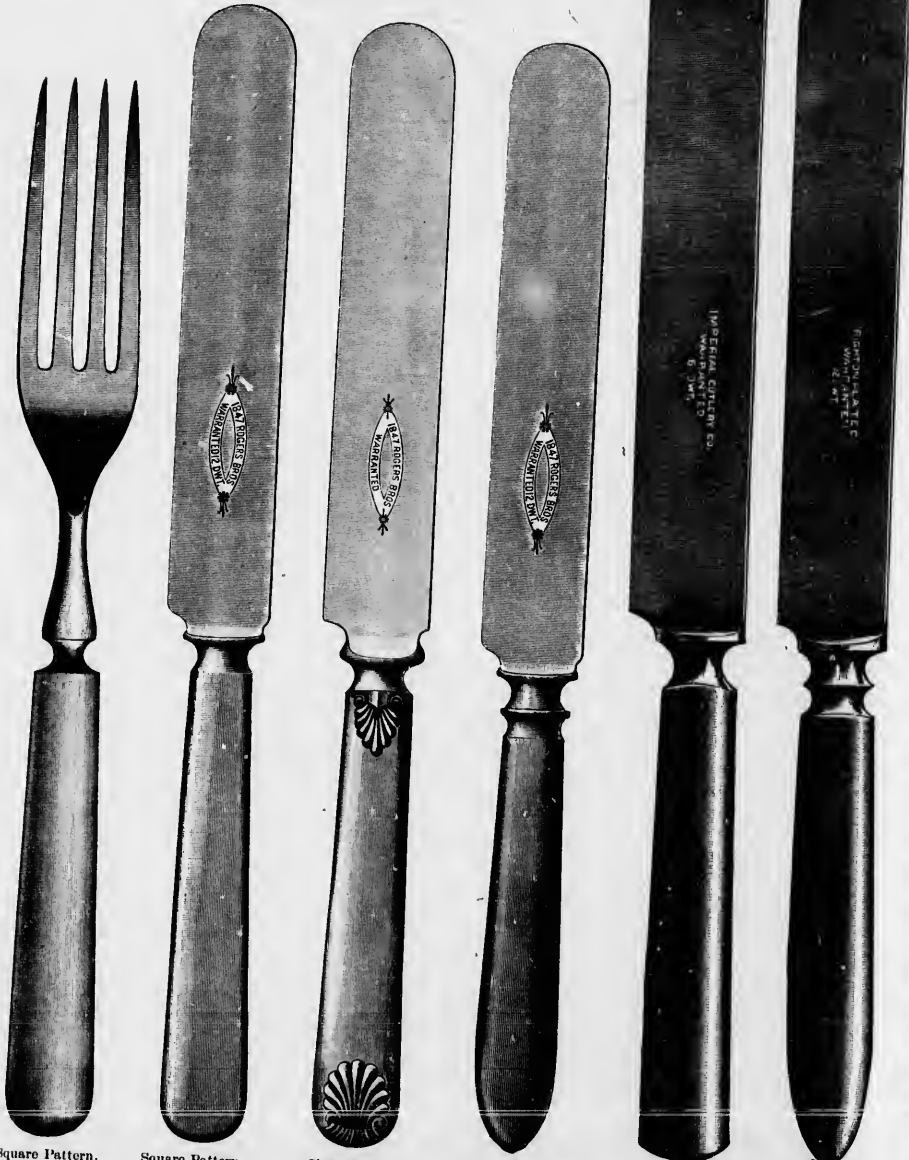
..... 12  
 .. \$10.75  
 .. Per dozen 2.70

..... Per dozen 2.70  
 ..... Per dozen 2.70

..... Per dozen \$ 1.05  
 ..... Per dozen 1.90  
 ..... Per dozen 1.30  
 ..... Per dozen 1.30  
 ..... Per dozen 1.35  
 ..... Per dozen 1.60

..... Per dozen \$ 0.85  
 ..... Per dozen 1.00  
 ..... Per dozen .95

SILVER PLATED KNIVES ONLY  
AND KNIVES AND FORKS



Square Pattern.

Square Pattern.  
Roger's Bros., A 1.  
12 dwt.

Shell Pattern.

Windsor Pattern.

Square Pattern.  
Imperial 6 dwt.  
Brighton 12 dwt.

Windsor Pattern.  
Brighton 12 dwt.

No.

No.

No. 3  
No. 3  
No. 4

No. 10

No. 15  
No. 17  
No. 17  
No. 40

No. 10

14 Inch  
16 Inch

12 Inch  
14 Inch  
16 Inch

KITCHEN FORKS



No. 1—Three Prong, tinned, 13 inches, enamelled handle..... Per dozen \$1.05  
One dozen in a box.



No. 6—Two Prong, tinned, 18 inches, enamelled handle ..... Per dozen \$2.25  
One dozen in a box.

Tinned Steel Spoons



Threaded Pattern Tea Spoons

No. 394—Tinned Steel Tea Spoons, medium ..... Per gross \$1.50  
No. 352—Tinned Steel Tea Spoons, large..... Per gross 1.65  
No. 400—Tinned Steel Tea Spoons, extra quality ..... Per gross 4.00  
Half gross in a box.

Oval Tipped Pattern

No. 100—Tinned Steel Tea Spoons, extra quality..... Per gross \$5.25  
One-quarter gross in a box.

Table Spoons

Threaded Pattern

No. 159—Tinned Steel Table Spoons ..... Per gross \$2.50  
No. 171—Tinned Steel Table Spoons, medium..... Per gross 3.25  
No. 170—Tinned Steel Table Spoons, heavy..... Per gross 3.50  
No. 400—Tinned Steel Table Spoons, extra quality ..... Per gross 6.00  
Half gross in a box.

Oval Tipped Pattern

No. 100—Tinned Steel Table Spoons, extra quality..... Per gross \$10.50  
One-sixth gross in a box.

Basting Spoons

14 Inch Tinned Basting Spoons, enamelled handles..... Per dozen \$0.85  
16 Inch Tinned Basting Spoons, enamelled handles..... Per dozen .90

Forged Basting Spoons

13 Inch Tinned Mexico Forged Basting Spoons ..... Per dozen \$1.25  
14 Inch Tinned Mexico Forged Basting Spoons..... Per dozen 1.65  
16 Inch Tinned Mexico Forged Basting Spoons..... Per dozen 1.85  
One dozen in a package.

Windsor Pattern.  
Brighton 12 dwt

TEA SPOONS

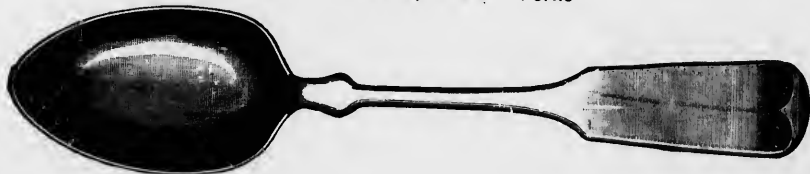
"KING BEE."



"King Bee" Tea Spoons . . . . . Per gross \$4.80  
 One-quarter gross in a box.

These Spoons are made of 25 per cent. Sheet German Silver, and intended to take the place of the tinned spoons, which are so subject to rust and corrode.

Mexican Silver Spoons and Forks



No. A 8—Mexican Silver Tipped Tea Spoons, small . . . . . Per dozen \$0.80  
 No. A 9—Mexican Silver Tipped Tea Spoons, medium . . . . . Per dozen .95  
 No. A10—Mexican Silver Tipped Tea Spoons, large . . . . . Per dozen 1.20  
 Three dozen in a box.  
 No. A11—Mexican Silver Tipped Dessert Spoons . . . . . Per dozen 2.40  
 No. A12—Mexican Silver Tipped Table Spoons . . . . . Per dozen 2.85  
 No. A13—Mexican Silver Tipped Dessert Forks . . . . . Per dozen 2.40  
 No. A14—Mexican Silver Tipped Table Forks . . . . . Per dozen 2.85  
 Two dozen in a box.

Goods bearing the above mark are manufactured from special Solid White Metal, and will not lose their clear surface, scale or peel, and are equal to any other White Metal goods offered.

Electro-Silver Plated Spoons and Forks

EXTRA PLATE.



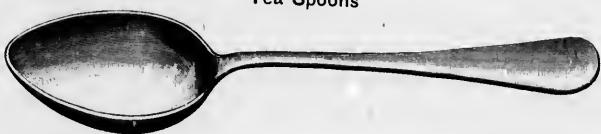
No. 111—Electro Plate Tea Spoons, full size . . . . . Per dozen \$2.75  
 No. 121—Electro Plate Dessert Spoons . . . . . Per dozen 4.50  
 No. 131—Electro Plate Table Spoons . . . . . Per dozen 5.25  
 No. 141—Electro Plate Dessert Forks . . . . . Per dozen 4.95  
 No. 151—Electro Plate Medium Forks . . . . . Per dozen 5.75  
 One dozen in a box.

Half dozen in plush lined case.

NEVADA SILVER SPOONS AND FORKS

Nevada Silver is a pure White Metal Alloy of everlasting wear, specially refined for the manufacture of Spoons, Forks, etc.

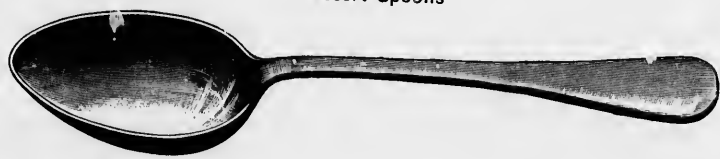
Tea Spoons



- No. 526L—Nevada Silver Tea Spoons, small..... Per dozen \$0.80
- No. 525L—Nevada Silver Tea Spoons, medium..... Per dozen .95
- No. 524L—Nevada Silver Tea Spoons, large..... Per dozen 1.10

Three dozen in a box.

Dessert Spoons



- No. 522L—Nevada Silver Dessert Spoons..... Per dozen \$2.25

Table Spoons



- No. 520L—Nevada Silver Table Spoons..... Per dozen \$3.00

Dessert Forks



- No. 523L—Nevada Silver Dessert Forks..... Per dozen \$2.25

Table Forks



- No. 521L—Nevada Silver Table Forks..... Per dozen \$3.00

One dozen in a box.

... Per gross \$4.80

the tinned spoons,

Per dozen \$0.80  
Per dozen .95  
Per dozen 1.20

Per dozen 2.40  
Per dozen 2.85  
Per dozen 2.40  
Per dozen 2.85

lose their clear

Per dozen \$2.75  
Per dozen 4.50  
Per dozen 5.25  
Per dozen 4.95  
Per dozen 5.75

NEVADA SILVER SPOONS AND FORKS

Nevada Silver is a pure White Metal Alloy of everlasting wear, specially refined for the manufacture of Spoons, Forks, etc.

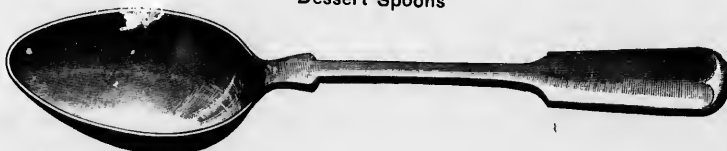
Tea Spoons



- No. 566L—Nevada Silver Tea Spoons, small..... Per dozen \$0.80
- No. 565L—Nevada Silver Tea Spoons, medium..... Per dozen .95
- No. 564L—Nevada Silver Tea Spoons, large..... Per dozen 1.10
- No. 384 —Nevada Silver Tea Spoons, large, heavy..... Per dozen 1.35

Three dozen in a box.

Dessert Spoons



- No. 562L—Nevada Silver Dessert Spoons..... Per dozen \$2.25
- No. 282 —Nevada Silver Dessert Spoons, heavy..... Per dozen 2.85

Table Spoons



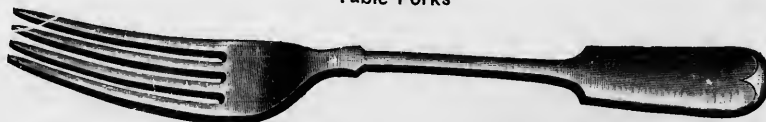
- No. 560L—Nevada Silver Table Spoons..... Per dozen \$3.00
- No. 380 —Nevada Silver Table Spoons, heavy..... Per dozen 3.60

Dessert Forks



- No. 563L—Nevada Silver Dessert Forks..... Per dozen \$2.25
- No. 383 —Nevada Silver Dessert Forks, heavy..... Per dozen 3.00

Table Forks



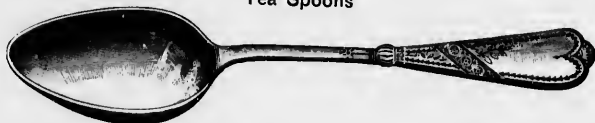
- No. 561L—Nevada Silver Table Forks..... Per dozen \$3.00
- No. 381 —Nevada Silver Table Forks, heavy..... Per dozen 3.60

One dozen in a box.

NEVADA SILVER SPOONS AND FORKS

Nevada Silver is a pure White Metal Alloy of everlasting wear, specially refined for the manufacture of Spoons, Forks, etc.

Tea Spoons



No. 544—Nevada Silver Tea Spoons ..... Per dozen \$1.80  
 Three dozen in a box.

Dessert Spoons



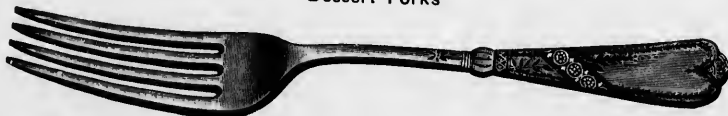
No. 542—Nevada Silver Dessert Spoons ..... Per dozen \$3.00

Table Spoons



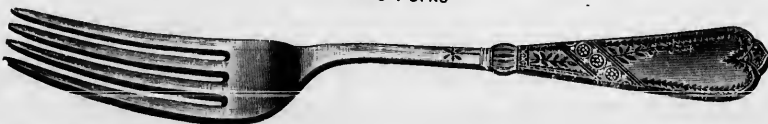
No. 540—Nevada Silver Table Spoons ..... Per dozen \$3.00

Dessert Forks



No. 543—Nevada Silver Dessert Forks ..... Per dozen \$3.00

Table Forks



No. 541—Nevada Silver Table Forks ..... Per dozen \$3.00  
 One dozen in a box.

for

.. Per dozen \$0.80  
 .. Per dozen .95  
 .. Per dozen 1.10  
 .. Per dozen 1.35

Per dozen \$2.25  
 Per dozen 2.85

Per dozen \$3.00  
 Per dozen 3.00

Per dozen \$2.25  
 Per dozen 3.00

Per dozen \$3.00  
 Per dozen 3.60

1847—ROGERS BROS.'  
SPOONS, FORKS, BUTTER KNIVES, ETC.



Tipped.



Shell.



Portland.



Columbia.

**Tea Spoons**

Per dozen.		
Extra Plate.	Sectional Plate.	Triple Plate.
Patterns..No. 2	No. 2 XII.	No. 6
Tipped... } \$4.25	5.00	6.75
Shell.... }	5.50	7.25
Fancy.... 4 75		

**Coffee Spoons**

Per doz.	
Fancy Patterns, Ex. Plate No. 2..	\$4.75

**Sugar Shells**

Per doz.	
Tipped, Ex. Plate No. 3 .....	\$8.00
Fancy Patterns, Ex. Plate No. 3..	9.00

**Berry Spoons**

Per doz.	
Fancy Patterns, Ex. Plate No. 4..	\$24.00
Extra for Gilt Bowls .....	9.00

**Dessert Spoons and Forks**

Per dozen.		
Extra Plate.	Sectional Plate.	Triple Plate.
Patterns..No. 3	No. 3 XII.	No. 9
Tipped... } \$7.50	8.63	11.50
Shell.... }	9.63	12.50
Fancy .... 8.50		

**Oyster Forks**

Per doz.	
Fancy Patterns, Ex. Plate No. 3..	\$7.00

**Pickle Forks**

Per doz.	
Portland, Ex. Plate No. 3 .....	\$ 9.00
Tipped, Long, Ex. Plate No. 3..	9.50
Fancy, Twist, Long, Ex. Plate No. 3 .....	12.00

**Table Spoons and Medium Forks**

Per dozen.		
Extra Plate.	Sectional Plate.	Triple Plate.
Patterns..No. 4	No. 4 XII.	No. 12
Tipped... } \$8.50	10.00	13.50
Shell.... }	11.00	14.50
Fancy .... 9.50		

**Butter Knives**

Per doz.	
Tipped, Ex. Plate No. 3 .....	\$10.00
Fancy Patterns, Ex. Plate No. 3..	10.50

**Medium Soup Ladies**

Per doz.	
Tipped, Ex. Plate No. 4 .....	\$42.00
Fancy Patterns, Ex. Plate No. 4..	43.00
Extra for Gilt Bowls .....	12.00



SILVER-PLATED CASTERS

Can supply all classes of MERIDEN BRITANNIA Co.'s Flat and Hollow Ware at Manufacturers' Prices.



Columbia.  
and Medium  
s

Sectional Plate	Triple Plate.
No. 4 XII.	No. 12
10.00	13.50
11.00	14.50

Knives	
Handle	
	Per doz.
3	\$10.00
late No. 3.	10.50

Knives	
Handle	
	Per doz.
4	\$12.00
late No. 4.	43.00
	12.00



No. 10.



Special.

- No. 10—Chased, 5 No. 13 3-4 Bottles..... Each \$3.50
- Special—Chased, 5 No. 13 3-4 Bottles..... Each 4.25

## SILVER-PLATED CASTERS



No. 9.



No. 2183.

- No. 9—Chased, 5 No. 13 3-4 Bottles ..... Each \$3.00  
 No. 2183—Plain, 5 No. 17 Bottles..... Each 6.25  
 No. 2183—Chased, 5 No. 17 Bottles..... Each 6.75

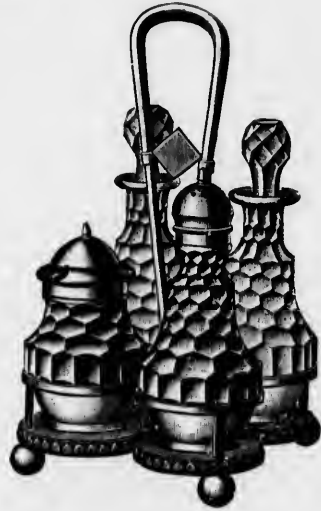
No. 76  
 No. 350

No. 63—  
 No. 86—  
 No. 162—  
 Case and S

SILVER-PLATED CASTERS



No. 76.



No. 350.

No. 76—Decorated.....	.....	Each \$3.75
No. 350—Four No. 68 Bottles .....	.....	Each 5.25

Lunch Sets



No. 63.

No. 63—Set, complete .....	.....	Each \$3.75
No. 86—Peppers, only .....	.....	Each 2.00
No. 162—Salts, Gold Lined .....	.....	Each 1.25
Case and Spoon, Gold Lined.....	.....	Each .50

... Each \$3.00

... Each 6.25

... Each 6.75

SILVER-PLATED PICKLE CASTERS

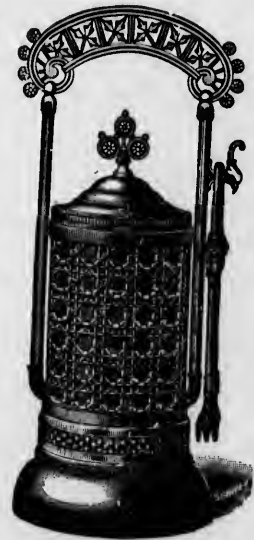


No. 643.



No. 080.

No. 080—Crystal .... Each \$2.25



No. 645.

- No. 643—White.....Each \$1.25
- No. 643—Blue.....Each 1.25
- No. 643—Amber.....Each 1.25

- No. 645—Crystal..... Each \$1.40
- No. 645—Blue..... Each 1.25
- No. 645—Amber.....Each 1.25



No. 267-  
No. 240-

SILVER-PLATED PICKLE CASTERS



No. 600.

No. 600—Crystal.....Each \$3.75



No. 267.



No. 249.

No. 267--Ruby Decorated.....Each \$4.50  
No. 249—Crystal.....Each 3.75



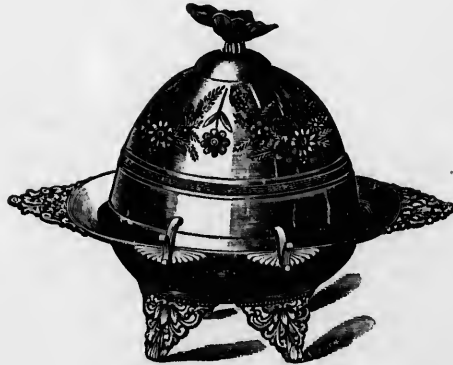
..... Each \$1.40  
..... Each 1.25  
..... Each 1.25

SILVER-PLATED BUTTER DISHES



No. 1335 1-2.

No. 1335 1-2—Crystal Dish..... Each \$1.40



No. 1347.

No. 1346—Without Handles..... Each \$2.10  
 No. 1347—With Handles, as illustrated..... Each 2.50

No. 1351  
 No. 1332  
 No. 1357

SILVER-PLATED BUTTER DISHES



No. 1351.



No. 1332 1-2.

- |              |                                      |             |
|--------------|--------------------------------------|-------------|
| No. 1351     | —Chased, or Satin Chased .....       | Each \$4.00 |
| No. 1332 1-2 | —Chased, or Satin Chased.....        | Each 5 50   |
| No. 1357     | —As No. 1351, but Special Plate..... | Each 3.50   |

..... Each \$1.40

..... Each \$2.10

..... Each 2.50

SILVER-PLATED BUTTER DISHES



- No. 5055—Satin.....Each \$7.50  
 No. 5055—Satin, Engraved.....Each 3.50

Silver-Plated Tea Set



- No. 117—Satin, Engraved, 3 pieces.....Per set \$16.00

No. 6  
 No. 6

No. 18  
 No. 16  
 No. 16

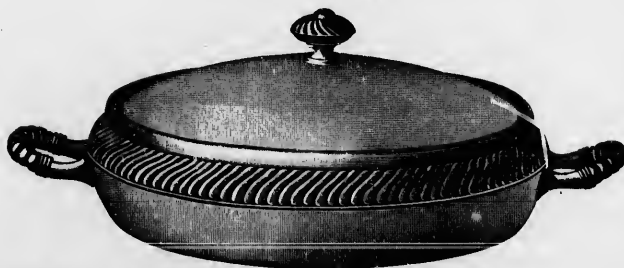


SILVER-PLATED BERRY DISHES



- No. 0137—Without Spoon ..... Each \$5.00  
 No. 0137—With Spoon ..... Each 6.00

Silver-Plated Baking Dishes



- No. 159—Five Half Pints, Plain or Satin ..... Each \$ 9.00  
 No. 160—Six Half Pints, Plain or Satin ..... Each 10.00  
 No. 161—Seven Half Pints, Plain or Satin ..... Each 10.50

..... Each \$7.50  
 ..... Each 8.50

..... Per set \$10.00

SILVER-PLATED BERRY DISHES



No. 1638—Richly Decorated..... Each \$8.50

Silver-Plated Baking Dishes



No. 174—Satin, Seven Half Pints ..... Each \$ 9.00  
 No. 174—Satin, Engraved, Seven Half Pints ..... Each 10.00

Chase

SILVER-PLATED CAKE BASKETS



No. 1712

Plain ..... Each \$4.25  
Chased ..... Each 4.75



No. 1400 1-2

Chased..... Each \$4.25

..... Each \$8 50

.... Each \$ 9.00  
... Each 10.00

SILVER-PLATED CAKE BASKETS



No. 083—Satin, Chased ..... Each \$4.75

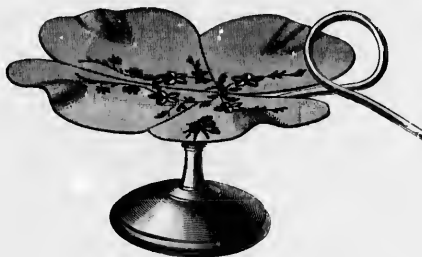


No. 102—Satin, Engraved ..... Each \$8.00

No.  
No.

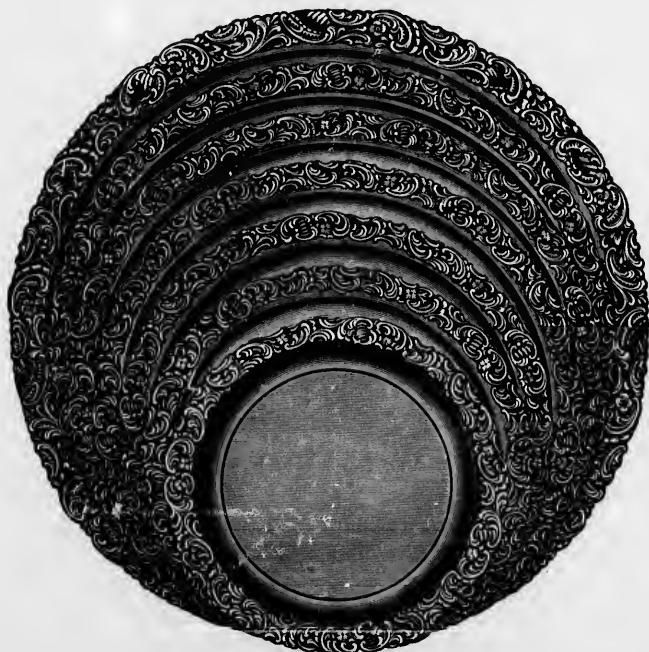
Inches  
Satin  
Satin,

SILVER-PLATED CARD RECEIVERS



- No. 235—Satin, Engraved ..... Each \$4.50  
 No. 235—Satin, Engraved, Gold Lined ..... Each 5.00

Silver-Plated Waiters



Inches.....	6	7	8	9	10	11	12	14
Satin.....	\$2.00	2.50	3.25	4.00	4.25	4.75	6.00	9.75
Satin, Shield.....	2.25	2.75	3.50	4.25	4.75	5.25	6.75	10.50

..... Each \$4.75

..... Each \$8.00



WEIGHT OF ROUND, SQUARE AND FLAT BAR IRON

1 FOOT AND 16 FEET LONG.

Rounds	1-4	5-10	3-8	7-16	1-2	9-16	5-8	11-16	3-4	13-16	7-8	1	1 1/4	1 1/2	1 3/4	1 1/2	1 1/2	1 1/2	1 1/2	in. dia.
1 foot	.163	.255	.308	.50	.654	.828	1.02	1.17	1.47	1.72	2	2.01	3.31	4	4.95	5.80	6.01	8	8	lbs.
16 feet	2.66	4	6	8	10	13	16	20	24	28	32	42	53	65	79	94	110	128	158	lbs.
Rounds	1/4	2	2 1/2	2 1/2	2 1/2	2 1/2	3	3 1/2	3 1/2	3 1/2	4	4 1/2	4 1/2	4 1/2	5	5 1/2	5 1/2	6	6	in. dia.
1 foot	9.20	10	11.82	13.20	16.30	19.79	23.56	27.65	32	37	42	47	53	59	65	72	79	94	110	lbs.
16 feet	147	167	185	212	260	317	377	442	513	589	670	756	848	945	1047	1155	1234	1508	180	lbs.
Square	1-4	5-16	3-8	7-16	1-2	9-16	5-8	11-16	3-4	13-16	7-8	1	1 1/4	1 1/2	1 3/4	1 1/2	1 1/2	1 1/2	1 1/2	inch.
1 foot	.208	.325	.408	.638	.832	1.05	1.30	1.57	1.87	2	2.55	3.33	4.21	5.1	6	6.7	8	8	8	lbs.
16 feet	3	5	7	10	13	17	22	25	30	35	41	53	67	81	96	111	127	154	188	lbs.
Square	1 1/2	1 3/4	1 1/2	1 3/4	1 1/2	1 3/4	1 1/2	2	2 1/4	2 1/2	2 3/4	2 1/2	2 3/4	2 1/2	3	3 1/2	3 1/2	4	4	inch.
1 foot	5.20	6.30	7.50	8.80	10.20	11.71	13.33	15	16.87	21	25	30	36	40	45	50	54	60	67	lbs.
16 feet	83	101	120	141	163	188	213	240	270	333	402	480	570	672	780	900	1032	1176	1332	lbs.
Inch	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	lbs.
1 foot	.833	.94	1.04	1.14	1.25	1.45	1.66	1.87	2.08	2.3	2.5	2.71	2.91	3.1	3.3	3.5	3.7	4	4.2	lbs.
16 feet	13	15	16.66	18	20	23	27	30	33	36	40	43	46	49	52	55	58	61	64	lbs.
Inch	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	lbs.
1 foot	3.13	3.33	3.54	3.75	4.17	4.58	5	5.41	5.82	6.66	7.50	8.34	9.16	10	11	12	12	13	14	lbs.
16 feet	50	54	57	60	66	72	80	86	92	109	120	132	144	160	176	192	210	228	246	lbs.
Inch	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	lbs.
1 foot	1.04	1.17	1.30	1.43	1.56	1.82	2.01	2.34	2.60	2.86	3.12	3.38	3.64	3.90	4.16	4.42	4.68	4.94	5.20	lbs.
16 feet	16	18	21	23	25	30	33	37	42	45	50	54	60	64	68	72	76	80	84	lbs.
Inch	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	lbs.
1 foot	3.90	4.16	4.42	4.68	5.20	5.72	6.26	6.76	7.28	8.32	9.36	10.58	11.44	12.52	13.74	15	16.2	17.44	18.7	lbs.
16 feet	63	66	71	74	82	90	100	108	120	132	144	161	180	200	220	240	260	280	300	lbs.
Inch	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	lbs.
1 foot	1.25	1.40	1.50	1.71	1.87	2.18	2.50	2.81	3.12	3.43	3.75	4.06	4.37	4.68	5.00	5.31	5.62	5.94	6.25	lbs.
16 feet	20	22	25	27	30	35	40	45	50	55	60	65	70	76	81	86	91	96	101	lbs.
Inch	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	lbs.
1 foot	4.68	5.00	5.31	5.62	6.25	6.87	7.50	8.12	8.74	10	11.24	12.50	13.74	15	16.2	17.50	18.75	20	21.25	lbs.
16 feet	75	80	85	90	100	110	120	130	140	160	180	200	220	240	260	280	300	320	340	lbs.
Inch	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	lbs.
1 foot	1.45	1.64	1.82	2	2.18	2.55	2.93	3.29	3.64	4	4.37	4.73	5.10	5.47	5.83	6.20	6.56	6.93	7.30	lbs.
16 feet	23	26	29	32	35	41	47	52	58	64	70	76	82	88	94	100	106	112	118	lbs.
Inch	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	lbs.
1 foot	5.46	5.83	6.20	6.56	7.29	8.02	8.75	9.47	10.20	11.66	13.12	14.58	16.04	17.50	18.96	20.42	21.88	23.34	24.80	lbs.
16 feet	88	94	99	104	116	124	140	152	164	188	210	234	257	280	304	328	352	376	400	lbs.
Inch	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	lbs.
1 foot	1.66	1.87	2.01	2.29	2.50	2.91	3.33	3.75	4.16	4.58	5	5.41	5.83	6.25	6.66	7.07	7.48	7.89	8.30	lbs.
16 feet	26	30	33	36	40	46	53	60	67	73	80	86	92	99	106	112	119	125	131	lbs.
Inch	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	lbs.
1 foot	0.25	0.66	7.08	7.50	8.33	9.16	10	10.83	11.66	13.12	15	16.66	18.32	20	21.66	23.32	25	26.66	28.32	lbs.
16 feet	100	106	113	120	134	146	160	172	184	212	240	268	292	320	344	368	392	416	440	lbs.
Inch	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	lbs.
1 foot	2	2.34	2.60	2.86	3.15	3.64	4.16	4.68	5.20	5.72	6.25	6.77	7.29	7.81	8.33	8.85	9.37	9.89	10.41	lbs.
16 feet	33	37	42	46	50	58	67	75	83	91	100	109	116	125	133	141	149	157	165	lbs.
Inch	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2	lbs.
1 foot	8.33	8.85	9.37	10.41	11.45	12.50	13.54	15.62	16.66	18.14	20.82	22.90	25	27	29	31	33	35	37	lbs.
16 feet	133	141	150	166	182	200	216	232	266	300	332	364	400	432	464	496	528	560	592	lbs.
Inch	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2	7 3/4	lbs.
1 foot	2.50	2.81	3.12	3.43	3.75	4.37	5	5.62	6.25	6.87	7.50	8.12	8.75	9.37	10	11	12	13	14	lbs.
16 feet	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	lbs.
Inch	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2	7 3/4	8	lbs.
1 foot	10	10.62	11.25	12.50	13.75	15	16.25	17.50	20	22.50	25	28.50	30	32	34	36	38	40	42	lbs.
16 feet	160	170	180	200	220	240	260	280	320	360	400	440	480	520	560	600	640	680	720	lbs.
Inch	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2	7 3/4	8	8 1/4	lbs.
1 foot	2.91	3.29	3.64	4	4.37	4.73	5	5.66	6.37	7.12	7.87	8.62	9.37	10.12	10.87	11.62	12.37	13.12	13.87	lbs.
16 feet	47	53	58	64	70	76	80	86	93	105	117	128	139	150	161	172	183	194	205	lbs.
Inch	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2	7 3/4	8	8 1/4	8 1/2	lbs.
1 foot	8.75	9.50	10.20	11	11.66	13.12	15	16	17	19	21	23	25	27	29	31	33	35	37	lbs.
16 feet	140	152	163	176	187	210	240	266	300	332	364	400	432	464	496	528	560	592	624	lbs.
Inch	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2	7 3/4	8	8 1/4	8 1/2	8 3/4	lbs.
1 foot	3.75	4.16	4.58	5	5.41	5.83	6	6.66	7.50	8.33	9.16	10	11	12	13	14	15	16	17	lbs.
16 feet	60	66	73	80	86	93	100	107	120	133	146	159	172	185	198	211	224	237	250	lbs.
Inch	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2	7 3/4	8	8 1/4	8 1/2	8 3/4	9	lbs.
1 foot	9	10	10.60	11.60	13	15	16	17	19	21	23	25	27	29	31	33	35	37	39	lbs.
16 feet	147	160	173	187	213	240	266	292	320	348	376	404	432	460	488	516	544	572	600	lbs.

..... Each \$8.50

..... Each \$ 9.25

..... Each 10.75

HALF ROUND, OVAL AND HALF OVAL IRON

WEIGHT PER LINEAL FOOT.										
Inch	8-8x3-16	7-16x7-32	1-2x1-4	5-8x5-16	3-4x3-8	7-8x7-16	1x1-2	1 1-8x9-16	1 1-4x5-8	1 1-2x3-1
Half Round & Oval	.186	.253	.331	.517	.744	1.	1.32	1.62	2.	8. lbs.
Inch	3-8x3-32	7-16x7-64	1-2x1-8	5-8x5-32	3-4x3-16	7-8x7-32	1x1-4	1 1-8x9-32	1 1-4x5-16	1 1-2x3-16
Half Oval	.093	.13	.17	.26	.37	.50	.66	.81	1.	1.60 lbs.

Angle Iron

EQUAL LEGS—WITH FILLET.			UNEQUAL LEGS—WITH FILLET.		
SIZE.	Weight Per Foot.	Thickness of Web.	SIZE.	Weight Per Foot.	Thickness of Web.
Inches.	Pounds.	Inches.	Inches.	Pounds.	Inches.
4 x 4	11 to 16	7-16	6 x 4	16 2-3	1-2
3 1-2 x 3 1-2	9 to 12	13-32	5 x 4	14 1-4 to 20	17-32
3 1-4 x 3 1-4	8 to 11	13-32	5 x 3 1-2	13 3-4 to 19	17-32
3 x 3	7 to 10	3-8	5 x 3	13 1-4	1-2
2 3-4 x 2 3-4	6 to 10	11-32	4 x 3	8 1-2 to 12	1-2
2 1-2 x 2 1-2	5 to 8	9-32	3 1-2 x 3	7 2-3 to 10 1-3	13-32
2 1-4 x 2 1-4	4 to 6	1-2	3 1-4 x 2	6 1-2 to 8	7-16
2 x 2	3 to 5	1-2	3 1-4 x 2 } Obtuse }	5 9-10	7-16
1 3-4 x 1 3-4	2 1-4 to 4 1-2	7-32			
1 1-2 x 1 1-2	1 3-4 to 2 1-4	3-16			
1 1-4 x 1 1-4	1 1-2 to 2	3-16			
1 1-8 x 1 1-8	1 1-2 to 1 3-4	3-16			
1 x 1	1 to 1 1-4	5-32			

Standard Sizes and Weight of Angle Iron WITH FILLET.

SIZE IN INCHES.	Average Thickness in Inches.	Weight Per Foot in Lbs.	SIZE IN INCHES.	Average Thickness in Inches.	Weight Per Foot in Lbs.
4 x 4	1-2	13	2 x 2	11-32	3 3-4
3 1-2 x 3 1-2	7-16	10	1 3-4 x 1 3-4	5-16	3
3 x 3	3-8	7 1-2	1 1-2 x 1 1-2	1-4	2 1-4
2 1-2 x 2 1-2	11-32	5 3-4	1 1-4 x 1 1-4	7-32	1 1-2
2 1-2 x 2 1-2	5-16	4 5-4	1 x 1	1-8	.83
2 1-4 x 2 1-4	11-32	4			

I Beams

Channel Bars

DEPTH.	DESCRIPTION.	WEIGHT PER FOOT.	FLANGES.			WEB.			DEPTH.	DESCRIPTION.	WEIGHT PER FOOT.	FLANGES.			WEB.			AREA OF CROSS-SECTION.
			Width.	Average Thickness.	Thickness.	Effective Depth.	Area of Cross-Section.	Width.				Average Thickness.	Thickness.	Effective Depth.	Area of Cross-Section.			
15	Heavy...	07	5.5	1.00	.65	13.91	20.10	12	Heavy...	50	8.2	.78	.95	11.22	15.01			
15	Light...	50	5.0	.94	.44	14.06	15.00	12	Medium...	30	2.7	.79	.45	11.22	9.00			
12	Heavy...	60	5.15	1.00	.78	11.00	18.00	12	Light...	20 3-4	3.0	.41	.31	11.59	6.25			
12	Light...	42	4.5	.81	.62	11.19	12.60	10	Heavy...	35	2.97	.72	.72	9.28	10.50			
10	Heavy...	38	4.5	.81	.51	9.19	11.40	10	Medium...	23	2.61	.72	.36	9.28	6.00			
9	Light...	30	4.3	.75	.82	9.25	9.00	10	Light...	15 2-3	2.5	.34	.31	9.66	4.62			
9	Heavy...	30	4.34	.75	.35	8.25	9.00	9	Heavy...	80	2.83	.63	.7	8.37	9.00			
8	Light...	27	4.06	.66	.26	8.34	7.13	9	Medium...	18	2.43	.63	.3	8.37	5.40			
8	Light...	22	3.75	.63	.28	7.37	6.61	8	Heavy...	14 1-3	2.5	.34	.31	8.66	4.30			
7	Heavy...	20	3.63	.63	.26	6.37	6.00	8	Medium...	16	2.64	.59	.64	7.41	7.50			
7	Light...	18	3.56	.63	.18	6.37	5.41	8	Light...	12 1-2	2.0	.59	.30	7.31	4.80			
6	Heavy...	16	3.38	.63	.24	5.44	4.81	7	Heavy...	20	2.55	.53	.55	6.47	3.75			
6	Light...	13 1-2	3.22	.60	.20	5.50	4.05	7	Medium...	14	2.29	.53	.30	6.47	6.00			
5	Heavy...	12	2.88	.38	.35	4.62	3.60	7	Light...	10 1-2	1.98	.44	.22	6.47	4.21			
5	Light...	10	2.75	.38	.23	4.62	3.00	6	Heavy...	11	2.00	.50	.25	5.66	3.18			
4	Heavy...	10	2.63	.34	.39	3.67	2.40	6	Light...	7 1-2	1.75	.34	.19	5.66	3.30			
4	Light...	8	2.50	.34	.24	3.67	2.40	5	Heavy...	10	2.00	.50	.30	4.50	3.00			
3	Heavy...	8	2.34	.34	.34	2.66	2.40	5	Light...	6 1-2	1.55	.37	.18	4.63	1.95			
3	Light...	7	2.25	.34	.24	2.66	2.10	4	Heavy...	7 3-4	1.78	.41	.28	3.59	2.35			
								4	Light...	6	1.54	.34	.28	3.66	1.80			
								3	Heavy...	6	1.71	.34	.4	2.66	1.80			
								8	Light...	5	1.5	.34	.2	2.66	1.60			

Inch Feet  
Inch Feet  
IN  
1  
1  
1  
1  
1  
1  
2  
3  
3  
3  
4  
4  
5  
Platinum  
Antimony  
Bismuth  
Tin (ave)  
Lead (ave)  
Zinc  
Cast Iron  
Wrought Steel  
Copper



WEIGHT OF TEN FEET OF HOOP IRON

IN POUNDS AND DECIMALS AND ORDINARY THICKNESS ON THE OLD WIRE GAUGE.

WIDTH AND W. G.	WEIGHT.	WIDTH AND W. G.	WEIGHT.	WIDTH AND W. G.	WEIGHT.
1-2 x 20	.550	1 1-2 x 16	3.12	3 x 14	7.80
3-4 x 20	.685	1 5-8 x 16	3.35	3 1-4 x 13	10.10
7-8 x 19	.885	1 3-4 x 15	4.00	3 1-2 x 13	10.80
1 x 18	1.24	1 7-8 x 15	4.35	3 3-4 x 13	11.60
1 1-8 x 17	1.55	2 x 15	4.70	4 x 12	14.60
1 1-4 x 17	2.04	2 1-4 x 15	5.25	4 1-2 x 11	18.75
1 3-8 x 16	2.27	2 1-2 x 14	6.50	5 x 10	23.49
	2.82	2 3-4 x 14	7.13	6 x 10	28.10

Band Iron

Rolled to 10 Gauge (Imperial Standard) = .128 Inch.

APPROXIMATE NUMBER OF FEET IN 100 POUNDS.

Inches.....	3-4	7-8	1	1 1-8	1 1-4	1 3-8	1 1-2	1 3-4	2	2 1-4	2 1-2
Feet.....	202	203	234	208	188	170	156	134	117	104	94
Inches.....	2 3-4	3	3 1-4	3 1-2	3 3-4	4	4 1-2	5	5 1-2	6	
Feet.....	85	78	72	67	62	58	52	47	42	39	

Weight of One Foot of Bar Steel

IN POUNDS AND DECIMALS.

INCHES.	SQUARE.	ROUND.	OCTAGON.
1-4	.213	.160	.....
3-8	.479	.375	.....
1-2	.855	.687	.....
5-8	1.33	1.04	1.23
3-4	1.91	1.50	1.75
7-8	2.61	2.05	2.25
1	3.40	2.67	2.75
1 1-8	4.34	3.38	3.66
1 1-4	5.32	4.17	4.55
1 3-8	6.44	5.05	5.50
1 1-2	7.67	6.00	6.45
1 5-8	9.00	7.05	7.75
1 3-4	10.44	8.17	9.20
1 7-8	11.98	9.33	10.04
2	13.63	10.68	11.60
2 1-4	17.20	13.51	14.75
2 1-2	21.20	16.68	17.85
2 3-4	25.70	20.19	21.25
3	30.60	24.03	25.00
3 1-4	35.90	28.20	.....
3 1-2	41.65	32.70	.....
4	54.40	42.72	.....
4 1-2	68.85	54.00	.....
5	85.00	66.75	.....

Weight of One Foot of Bar Copper

IN POUNDS AND DECIMALS.

INCHES.	SQUARE.	ROUND.
1-16	.015	.011
1-8	.06	.046
3-16	.131	.105
1-4	.235	.187
5-16	.375	.295
3-8	.54	.424
7-16	.735	.575
1-2	.980	.75
9-16	1.21	.95
5-8	1.51	1.17
11-16	1.81	1.42
3-4	2.15	1.7
7-8	2.95	2.3
1	3.84	3.01
1 1-8	4.86	3.85
1 1-4	6.00	4.73
1 3-8	7.27	5.70
1 1-2	8.64	6.80
1 3-4	11.70	9.24
2	15.35	12.01
2 1-2	.....	18.016
3	.....	27.243
3 1-2	.....	37.080
4	.....	48.433

Melting Point of Metals

NAME.	† FAHRENHEIT.	* FAHRENHEIT.	AUTHORITY.
Platinum.....	4509°	.....	*J. LOWTHIAN BELL.
Antimony.....	955	842°	
Bismuth.....	487	507	
Tin (average).....	475	.....	
Lead (average).....	622	620	
Zinc.....	772	782	
Cast Iron.....	2010	1922-2012 White	*POUILLET.
Wrought Iron.....	2910	2062-2192 Gray	
Steel.....	2370	2733 Welding heat	
Copper (average).....	2174	2550	

1-4x5-8 1 1-2x3-1  
2. 8 lbs.  
1-4x5-16 1 1-2x3-16  
1. 1.60 lbs.

LET.  
Thickness of Web,

Inches.

- 1-2
- 17-32
- 17-32
- 1-2
- 1-2
- 13-32
- 7-16
- 7-16

Weight Per Foot  
in Lbs.

- 3 3-4
- 3
- 2 1-4
- 1 1-2
- .83

sq.

Effective  
Depth.

Area of  
Cross-Section.

Ins.	Sq. In.
11.22	13.01
11.22	9.00
11.50	6.25
9.28	10.50
9.28	6.90
9.66	4.62
8.37	9.00
8.37	5.40
8.66	4.30
7.41	7.50
7.31	4.80
7.53	3.75
6.47	6.00
6.47	4.21
6.56	3.18
5.50	3.30
5.66	2.25
4.50	3.00
4.63	1.95
3.59	2.33
8.66	1.80
2.66	1.80
2.66	1.50

WEIGHT OF 1 SQUARE FOOT OF METALS

Advancing in Thickness by Sixteenths of an Inch.

THICKNESS.	WHO'T IRON.	CAST IRON.	STEEL.	COPPER.	TIN.	ZINC.	BRASS.	CUN METAL.	LEAD.
	Specific weight = 1.	Specific weight = .9375.	Specific weight = 1.02.	Specific weight = 1.16.	Specific weight = 1.092.	Specific weight = .910.	Specific weight = 1.052.	Specific weight = 1.052.	Specific weight = 1.48.
inch.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1-16	2.50	2.34	2.55	2.89	2.41	2.28	2.63	2.73	3.71
1-8	5.00	4.69	5.10	5.79	4.81	4.55	5.21	5.40	7.41
3-16	7.50	7.03	7.65	8.68	7.22	6.84	7.89	8.19	11.1
1-4	10.0	9.38	10.2	11.6	9.63	9.10	10.5	10.9	14.8
5-16	12.5	11.7	12.8	14.5	12.0	11.4	13.2	13.7	18.5
3-8	15.0	14.1	15.3	17.4	14.4	13.7	15.8	16.4	22.2
7-16	17.5	16.4	17.9	20.3	16.8	15.9	18.4	19.1	25.9
1-2	20.0	18.7	20.4	23.2	19.3	18.2	21.1	21.9	29.7
9-16	22.5	21.1	23.0	26.0	21.7	20.5	23.7	24.6	33.4
5-8	25.0	23.5	25.5	28.9	24.1	22.8	26.3	27.3	37.1
11-16	27.5	25.8	28.1	31.8	26.5	25.0	28.0	30.0	40.8
3-4	30.0	28.1	30.0	34.7	28.9	27.3	31.6	32.8	44.5
13-16	32.5	30.5	33.2	37.6	31.3	29.6	34.2	35.0	48.2
7-8	35.0	32.8	35.7	40.5	33.7	31.9	36.8	38.2	51.0
15-16	37.5	35.2	38.8	43.4	36.1	34.0	39.5	41.0	54.6
1	40.0	37.5	40.8	46.3	38.5	36.4	42.1	43.7	59.3

Weight of Cast Iron Pipe per Lineal Foot

INTERNAL DIAMETER IN INCHES	THICKNESS IN INCHES.									
	1-4	3-8	1-2	5-8	3-4	7-8	1	1 1-8	1 1-4	1 1-2
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
2	5.52	8.74	12.27	16.11	20.25	24.70	29.45	34.52	39.88	51.54
2 1-2	6.75	10.58	14.73	19.19	23.95	28.96	34.30	40.04	46.02	59.90
3	7.98	12.43	17.18	22.24	27.61	32.40	39.27	45.56	52.16	66.27
3 1-2	9.20	14.27	19.64	25.31	31.29	37.58	44.18	51.08	58.29	73.63
4	10.43	16.11	22.09	28.38	34.98	41.89	49.09	56.60	64.43	80.99
4 1-2	11.66	17.95	24.54	31.45	38.00	46.18	55.00	62.13	70.56	88.96
5	12.89	19.79	27.00	34.52	42.34	50.47	58.91	67.65	76.70	96.72
5 1-2	14.11	21.63	29.45	37.58	46.02	54.76	63.81	73.17	82.84	103.08
6	15.34	23.47	31.91	40.65	49.70	59.06	68.72	78.60	88.97	110.45
7	17.79	27.15	36.82	46.79	57.06	67.65	78.64	89.74	101.25	117.20
8	20.25	30.83	41.72	52.92	64.43	76.24	88.36	101.78	113.52	125.17
9	22.70	34.52	46.63	59.06	71.79	84.83	98.18	111.83	125.79	139.90
10	25.16	38.29	51.54	65.19	79.15	93.42	107.99	122.87	139.06	154.63
11	27.61	41.88	56.45	71.33	86.52	102.01	117.81	133.02	150.35	.....
12	30.07	45.56	61.36	77.47	93.88	110.60	127.63	144.96	162.60	.....
13	32.52	49.24	66.27	83.60	101.24	119.19	137.45	156.01	174.87	.....
14	34.98	52.92	71.18	89.74	108.61	127.78	147.26	167.05	187.15	.....
15	.....	56.60	76.09	95.87	115.97	136.37	157.08	178.10	199.42	.....
16	.....	60.29	80.99	102.01	123.33	144.96	166.90	189.14	211.69	.....
18	.....	67.65	90.81	114.28	138.06	162.14	186.53	211.23	236.23	.....
20	.....	.....	100.63	126.55	152.79	179.32	200.17	239.32	260.78	.....
22	.....	.....	110.45	138.33	167.51	196.50	225.60	265.41	285.32	.....
24	.....	.....	120.26	151.10	182.24	213.66	245.44	277.50	309.87	.....

Sizes of the Numbers of Steel Music Wire Gauge

IN DECIMALS OF AN INCH.

Darling, Brown & Sharp's Gauge.

No. 12	0.0295	No. 17	0.0378	No. 21	0.0461	No. 25	0.0585
No. 13	0.0311	No. 18	0.0395	No. 22	0.0481	No. 26	0.0629
No. 14	0.0325	No. 19	0.0414	No. 23	0.0505	No. 27	0.0663
No. 15	0.0348	No. 20	0.0430	No. 24	0.0547	No. 28	0.0719
No. 16	0.0360						

To  
1 1-2  
1 3-4  
2  
2 1-4  
2 1-2  
2 3-2  
3  
3 1-2  
4  
4 1-2  
5  
5 1-2  
6  
6 1-2  
7  
7 1-2  
8  
9  
10  
11  
12  
13  
14  
15

MANILLA CORDAGE, ROPES AND CABLES

SISAL AND JUTE ABOUT SAME WEIGHT AS MANILLA.

GUN METAL.	LEAD.
Specific weight = 1.052.	Specific weight = 1.18.
lbs.	lbs.
2.73	3.71
5.46	7.41
8.19	11.1
10.9	14.8
3.7	18.5
6.4	22.2
9.1	25.0
1.9	29.7
4.6	33.4
7.3	37.1
10.0	40.8
2.8	44.5
5.0	48.2
7.2	51.9
9.0	55.6
1.7	59.3

CIRCUMFERENCE.	DIAMETER.	WEIGHT OF 100 FATHOMS.	FEET IN USE POUND.	STRAIN BORNE BY NEW ROPES.	Tarred Hemp, Weight of 100 Fathoms.
Inches.	Inches.	Pounds.		Pounds.	Pounds.
1 1-4	3-8	31	20	3000	40
1 1-2	1-2	44	11	4000	55
1 3-4	9-10	64	10	5000	75
2	5-8	79	7 1-2	6000	100
2 1-4	3-4	99	0	7000	125
2 1-2	13-16	122	5	8000	155
2 3-4	7-8	146	4	9000	190
3	1	176	3 3-8	10000	225
3 1-4	1 1-10	207	3	11000	265
3 1-2	1 1-8	240	2 1-2	12500	300
3 3-4	1 1-4	275	2 1-0	14000	355
4	1 5-10	305	2	15500	405
4 1-4	1 3-8	355	1 2-3	17000	455
4 1-2	1 1-2	395	1 1-2	18500	500
5	1 5-8	490	1 1-4	20000	550
5 1-2	1 3-4	595	1	21500	600
6	2	705	Inches.		750
6 1-2	2 1-8	825	10	27000	910
7	2 1-4	960	8 1-2	31500	1050
7 1-2	2 1-2	1100	7 1-2	37000	1235
8	2 5-8	1255	6 1-2	42500	1400
8 1-2	2 7-8	1415	5 1-2	48500	1600
9	3	1595	5	54500	1820
			4 1-2	61500	2050

1-4	1 1-2
lbs.	lbs.
19.88	51.54
26.02	66.90
32.16	80.27
38.29	93.63
4.43	80.99
0.56	88.86
6.70	95.72
2.84	103.08
8.97	110.45
1.25	117.20
3.52	125.17
5.79	130.90
8.06	154.63
1.33	
2.60	
3.87	
5.15	
6.42	
7.69	
8.96	
10.23	
11.50	
12.77	
14.04	
15.31	

To ascertain the strength of ropes multiply the square of the circumference in inches by 200 and it gives the weight the rope will bear in pounds with safety.

To ascertain the weight of manilla ropes and bawlers, multiply the square of the circumference in inches by .03, and the product is the weight in pounds of a foot in length.

These are but approximations sufficiently correct for many purposes.

Approximate Weight of 100 Machine Bolts of the enumerated sizes, with Square Heads and Nuts, in Pounds

LENGTH.	1-4 in.	5-16 in.	3-8 in.	7-16 in.	1-2 in.	5-8 in.	3-4 in.	7-8 in.
1 1-2 inch.....	4.2	7.6	10.6	15.9	23.9	39.3		
1 3-4 ".....	4.2	7.9	11.7	16.9	25.1	41.4		
2 ".....	4.7	8.6	12.4	18.2	26.4	45.7		
2 1-4 ".....	5.3	9.1	12.9	19.4	28.6	49.5	73.6	
2 1-2 ".....	6.0	9.6	14.7	20.7	29.5	51.2	76.	
2 3-4 ".....	6.5	10.4	16.5	21.5	31.2	54.1	79.7	
3 ".....		10.8	17.9	22.4	32.4	56.	83.	
3 1-2 ".....		11.8	18.9	23.2	33.7	58.	85.4	127.2
4 ".....			20.6	24.9	35.4	61.1	88.4	140.6
4 1-2 ".....			21.7	26.0	37.9	63.1	91.	148.4
5 ".....			23.6	28.9	42.6	67.9	108.1	158.8
5 1-2 ".....			25.8	32.3	44.9	70.6	113.1	167.2
6 ".....			28.9	34.4	48.8	83	122.	174.0
6 1-2 ".....			30.9	36.6	51.4	87.9	128.6	204.2
7 ".....					53.3	92.4	131.7	214.7
7 1-2 ".....					56.9	96.9	139.6	228.4
8 ".....					59.1	99.9	145.5	235.3
8 1-2 ".....					61.9	105.7	150.9	239.9
9 ".....					64.4	109.5	157.1	258.1
10 ".....					70.5	118.1	179.6	276.2
11 ".....					77.	128.1	184.	295.7
12 ".....					82.9	136.2	195.1	311.9
13 ".....					86.4	144.9	209.7	335.8
14 ".....					92.	155.5	219.4	351.9
15 ".....					97.7	163.6	237.5	391.7
					103.2	170.7	249.1	

0.0585  
0.0628  
0.0663  
0.0719

**LONG MEASURE**

Inches.	Feet.	Yards.	Fathoms.	Poles.	Furlongs.	Miles.	French Metres.
1. =	.083 =	.02778 =	.0130 =	.005 =	.000126 =	.0000159 =	.0254
12.	1.	.333	.1667	.0606	.00151	.0001894	.3048
36.	3.	1	.5	.182	.00454	.000568	.9144
72.	6.	2.	1	.364	.0091	.001136	1.8287
198.	16.5	5.5	2.75	1.	.025	.003125	5.0291
7920.	660.	220	110.	40.	1.	.125	201.16
63360.	5280.	1760.	880.	320.	8.	1.	1609.315

A palm = 3 inches.  
A span = 9 inches.

A hand = 4 inches.  
A cable's length = 120 fathoms.

**Avoirdupois Weight**

The Grain is the same in Troy, Apothecaries and Avoirdupois Weights.  
The standard Avoirdupois Pound is the weight of 27.7015 Cubic Inches of distilled water weighed in the air, at 35.85 degrees Fahrenheit, barometer at 30 inches.  
27.343 Grains = 1 Drachm.

Drachms.	Ozs.	Lbs.	Qrs.	Cwts.	Ton.	French Grammes.
1. =	.0025 =	.0039 =	.000139 =	.000035 =	.00000174 =	1.771840
10.	1.	.0625	.00223	.000558	.000028	1.771840
256.	16.	1.	.0357	.00893	.000447	28.34954
710 <sup>6</sup>	448.	28.	1.	.25	.0125	453.59
28672.	1792.	112.	4.	1.	.05	12700.
573440.	35840.	2240.	80.	20.	1.	50802.

A stone = 14 pounds.

A quintal = 100 pounds.

**Troy Weight**

For Gold, Silver and Precious Metals.

Grains.	Dwts.	Ozs.	Lbs.	French Grammes.
1. =	.04167 =	.00208 =	.0001736 =	.0648
24.	1.	.05	.004167	1.555
480.	20.	1.	.0833	31.1035
5760.	240.	12.	1.	373.242

175 pounds Troy = 144 Avoirdupois.  
Pounds Avoirdupois x .82286 = pounds Troy.  
Pounds Troy x 1.2153 = pounds Avoirdupois.

The Jeweller's Carat is equal, in the United States to 3.2 grains; in London, to 3.17 grains; in Paris, to 3.18

**Apothecaries' Weight**

United States and British.

20 grains	... 1 scruple.	
3 scruples	... 1 drachm = 60 grs.	
8 drachms	... 1 ounce = 24 scrs. = 480 grs.	
12 ounces	... 1 pound = 96 drms. = 288 scrs. = 5760 grs.	

In Troy and Apothecaries' Weights the grain, ounce and pound are the same.

**French Weights**

EQUIVALENT TO AVOIRDUPOIS.

Milligramme	Grains	Ozs.	Lbs.	Tons, 2240 lbs.
Centigramme	.015433			
Decigramme	1.54331	.000352	.000022	
Gramme	15.4331	.003527	.000220	
Decagramme	154.331	.035275	.002204	
Hectogramme	1543.31	.352758	.022047	
Kilogramme	15433.1	3.52758	.220473	.000984
Myriogramme		35.2758	2.20473	.009842
Quintal		3527.58	22.0473	.098425
Millier or Tonne		35275.8	220.473	.984258

**Specific Gravity and Weights of Various Substances**

NAME OF SUBSTANCE.	WEIGHTS.			SPECIFIC GRAVITY.
	Per Cubic Foot.	Per Square Foot, 1 Inch Thick.	Per Cubic Inch.	
Water, Pure	LBS. 62.3	LBS. 5.19	LBS. .036	1.000
Water, Sea	63.3	5.36	.037	1.028
Cast Iron	490.	40.00	.277	7.70
Steel	490.	37.50	.260	7.20
Lead	710.	40.84	.283	7.84
Copper, Rolled	548.	59.16	.410	11.36
Brass, Rolled	524.	45.66	.317	8.80
Sand	98.	43.66	.302	8.40
Clay	120.	8.23	.037	1.57
Brick Work, Common	120.	10.00	.069	1.92
Brick Work, Close Joints	140.	11.66	.069	1.92
Limestone	168.	18.00	.081	2.24
Glass	156.	13.66	.124	2.68
Pine, White	30.	2.50	.050	2.40
Pine, Yellow	35.	2.91	.017	.48
Hemlock	25.	2.08	.015	.56
Maple	49.	4.08	.028	.40
Oak, White	50.	4.16	.030	.78
Walnut	41.	3.41	.023	.65

French Metres.  
 .0254  
 .3048  
 .9144  
 1.8287  
 5.0291  
 201.16  
 1009.315

ghed in the air, at

Grammes.  
 1.771846  
 28.34954  
 55.59  
 20.  
 10.  
 10.

ht  
 ish.

0 grs.  
 3 scrs. = 5760 grs.

the grain, ounce

0 lbs.  
 .....  
 .....  
 .....  
 .....  
 0098  
 0984  
 9842  
 8425  
 4258

SPECIFIC GRAVITY.

1.000  
 1.028  
 7.70  
 7.30  
 7.84  
 11.36  
 8.80  
 8.40  
 1.57  
 1.92  
 1.92  
 2.24  
 2.69  
 2.49  
 .48  
 .56  
 .40  
 .78  
 .80  
 .65

SQUARE MEASURE

Inches	Feet.	Yards.	Perches.	Roods.	Acres.	Sq. Metres.
1.	= .00094	= .000772	= .000255	= .00000664	= .00000159	= .000045
144.	1.	.111	.00307	.0000018	.000023	.0929
1296.	9.	1.	.0331	.000026	.0002066	.8361
39204.	272.25	30.25	1.	.025	.00825	25.292
1508160.	10890.	1210.	40.	1.	.25	1011.7
6272640.	43560.	4840.	160.	4.	1.	4046.7

100 Square Feet = 1 Square.  
 10 Square Chains = 1 Acre.  
 1 Chain Wide = 8 Acres per Mile.  
 1 Hectare = 2.471143 Acres.  
 1 Square Mile } 27,878,400 Square Feet.  
 } 3,097,600 Square Yards.  
 } 640 Acres.

Acres x .0015625 = Square Miles.  
 Square Yards x .00000323 = Square Miles.  
 Acres x .4840 = Square Yards.  
 Square Yards x .0002066 = Acres.

A Section of Land is 1 Mile Square and contains 640 Acres.  
 A Square Acre is 208.71 Feet at Each Side; or 220 x 198 Feet.  
 A Square 1/2 Acre is 147.58 Feet at Each Side; or 110 x 198 Feet.  
 A Square 1/4 Acre is 104.355 Feet at Each Side; or 55 x 198 Feet.  
 A Circular Acre is 235.504 Feet in Diameter.  
 A Circular 1/2 Acre is 166.527 Feet in Diameter.  
 A Circular 1/4 Acre is 117.732 Feet in Diameter.

French Square Measure

Square.	Square Inches.	Square Feet.	Square Yards.	Acres.
Millimetre.....	.00154	.0000107	.00001	.....
Centimetre.....	.15498	.0010763	.000119	.....
Decimetre.....	15.498	.1076305	.011958	.....
Metre.....	1549.8	10.76305	1.19589	.009247
Decametre.....	154988.	1076.305	119.589	.924700
Hectare.....	.....	107630.58	11958.95	2.47086
Kilometre.....	38607 Sq. Miles	10763058.	1195895.	247.086
Myriametre....	38.607 Sq. Miles	.....	.....	24708.6

Cubic Measure

Inches.	Feet.	Yard.	Cubic Metres.
1.	= .0005788	= .00002144	= .000016386
1728.	1.	.03704	.028315
46656.	27.	1.	.764513

A cord of wood = 128 cubic feet, being four feet high, four feet wide, and eight feet long.  
 Forty cubic feet = a ton of shipping.  
 A perch of masonry contains 24 3/4 cubic feet.

Cubic Foot is Equal to

- 1728 cubic inches.
- 037037 cubic yard.
- 803564 U.S. struck bushel of 2150.42 cubic inches.
- 3.21426 U.S. pecks.
- 7.48052 U.S. liquid gallons of 231 cubic inches.
- 0.42851 U.S. dry gallons of 268.8025 cubic inches.
- 29.92208 U.S. liquid quarts.
- 25.71405 U.S. dry quarts.
- 59.84416 U.S. liquid pints.
- 51.42809 U.S. dry pints
- 239.37662 U.S. gills.
- .26667 four barrel of three struck bushels.
- .23748 U.S. liquid barrel of 31 1/2 gallons.

A cubic inch of water at 62° Fahr. weighs 252.458 grains.  
 A cubic foot of water at 62° Fahr. weighs 1002.7 ounces.  
 A cubic yard of water at 62° Fahr. weighs 1692. pounds.

Surveying Measure

(LINEAL.)

Inches.	Links.	Feet.	Yards.	Chains.	Mile.	Fr. Metres.
1.	= .126	= .0833	= .0278	= .00126	= .0000158	= .0254
7.92	1.	.66	.22	.01	.000125	.0102
12.	1.515	1.	.333	.01515	.000189	.3048
36.	4.545	3.	1.	.04545	.000568	.9144
792.	100.	66.	22.	1.	.0125	20.116
63960.	8000.	5280.	1760.	80.	1.	1009.315

One knot or geographical mile = 6080.07 feet = 1855.11 metres = 1.1520 statute mile.  
 One admiralty knot = 1.1515 statute mile = 6080 feet.

## SHRINKAGE OF CASTINGS

Patternmakers' rule should be for	{	Cast Iron	1-8	} of an inch longer per lineal foot.
		Brass	3-16	
		Lead	1-8	
		Tin	1-12	
		Zinc	3-16	

## To Find the Weight of Casting by the Weight of a Pine Pattern

Multiply the Weight of Pattern by	{	12	for Cast Iron.
		13	for Brass.
		19	for Lead.
		12.2	for Tin.
		11.4	for Zinc.

## Reduction for Round Core and Core Prints

RULE.—Multiply the square of the diameter by the length of the core in inches, and the product by 0.017 is the weight of the pine core, to be deducted from the weight of the pattern.

## General Rules

## FOR DETERMINING THE WEIGHT OF ANY PIECE OF WROUGHT IRON.

One cubic foot of wrought iron	- - - -	= 480 lbs.
One square foot, one inch thick	- - - -	= $4\frac{1}{2}$ = 4 1/2 lbs.
One square inch, one foot long	- - - -	= $1\frac{1}{2}$ = 1 1/2 lbs.
One square inch, one yard long	- - - -	= $3\frac{1}{2} \times 3$ = 10 lbs.

Hence it appears that the weight of any piece of wrought iron in pounds per yard is equal to 10 times its area in square inches.

EXAMPLE.—The area of a bar of 3" x 1" = 3 square inches, and its weight is 30 lbs. per yard.

For round iron the weight per foot may be found by taking the diameter in quarter inches, squaring it and dividing by 6.

EXAMPLE.—What is the weight of 2" round iron?  
 $2^2 = 8$  quarter inches.  $8^2 = 64$   
 $\frac{64}{6} = 10\frac{2}{3}$  lbs. per foot of 2" round.

EXAMPLE.—What is the weight of  $\frac{3}{4}$ " round iron?  
 $\frac{3}{4}^2 = 3$  quarter inches.  $3^2 = 9$   
 $\frac{9}{6} = 1\frac{1}{2}$  lbs. per foot of  $\frac{3}{4}$ " round.

The above rules are highly convenient, and enable mental calculations of weight to be quickly obtained with accuracy.

## Different Colors of Iron Caused by Heat

C.	FAHR.	POUILLET.	COLOR.
210°	410°		Pale Yellow.
221	430		Dull Yellow.
256	493		Crimson.
261	502	{	Violet, Purple and Dull Blue; between 261°C. to 370°C. it passes to Bright Blue, to Sea Green and then disappears.
370	680		
500	932	{	Commences to be covered with a light coating of oxide; loses a good deal of its hardness, becomes much more incompressible to the hammer, and can be twisted with ease.
525	977		
700	1292		Becomes Nascent Red.
800	1472		Sombre Red.
900	1657		Nascent Cherry.
1000	1832		Cherry.
1100	2012		Bright Cherry.
1200	2192		Dull Orange.
1300	2372		Bright Orange.
1400	2552		White.
1500	2732		Brilliant White—Welding Heat.
1600	2912		Dazzling White.

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