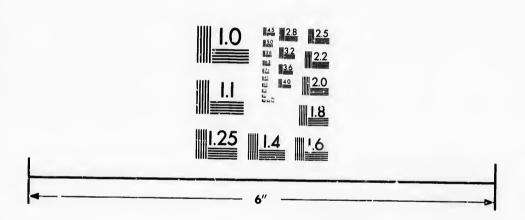


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"Steel and Iron, Symbols of Civilization."

DENNIS

WIRE AND IRON CO'Y

London, Ontario, Canada.

Illustrated Catalogue No. 7.

1900.





INDEX.

P. Committee of the com	Y .
Anti-Rattlers	. L
Anti-Rattlers60	Tanan Ohimaan Oleanen 71
	Lamp Chimney Cleaners71 Lamp Shade Frames
Altar Desk 43 Altar Railing	Letter Boxes
Altar Railing	Leugh Doxes
Arches, Wire62	- M "
, B	
	Mangers, Oat
Balcony Railings	Masons' Sand Screens
Dank Dailings 4/-03	Mate Door
Rappowe 33	Mats, Door
Barkets, Desk	124111111111111111111111111111111111111
Baskets, Hanging	0
Baskets, Waste Paper69	
Baskets, Desk 06 Baskets, Hanging 61 Baskets, Waste Paper 69 Beds, Iron 34	Office Railing
'C	Office Window Blinds
	Ornaments, Roof24-20
Cages, Tellers'54	P
Connot Whine	· P
Cell Gates	n m - a - 7
Chairs, Wire	Pew Ends
Carpet Vulps 28 Cell Gates 28 Chairs, Wire 63 Church Metal Work 41-43 Coal Screens 64	Poets, Stall
Cost Hangers 71	Posts, Stall 33 Pulpits 41 Pulpit Desk 43
Coat Hangers	Pulpit Desk43
Conductor Pine Strainers	\$
Contactor residence 57 Counter Railings 47-53 Cresting 10-21	R ,
Counter Railings	.7.
Cresting	Railings, Altar
	" Balcony38, 39, 40
D	Bank and Omce41-03
Designs, Florists'61	Baluster 38
Dog Muzzles	"Bank and Office 47-53 "Baluster 4 "Gallery 38 Rat Traps 75 Rlngs, Hitching 32 Riveting Machine 72
Doors, Iron	Place Litching 32
Door Mats70	Riveting Machine72
	Tota course virgourne and a second
7.6	
\mathbf{E}	
Wlavetor Englogures 37	S
E Elevator Enclosures	Screens, Coal and Sand
Elevator Enclosures	Screens, Coal and Sand
Elevator Enclosures	Screens, Coal and Sand
Elevator Enclosures	Screens, Coal and Sand
Elevator Enclosures	Screens, Coal and Sand
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The Dennis Wire and Iron Co.

METAL WORKERS AND DESIGNERS.

MANUFACTURERS OF

ARCHITECTURAL SO ORNAMENTAL IRON SO WIRE WORK,

ART METAL WORK,

WIRE AND IRON SPECIALTIES.

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. JULY 1st, 1900.

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ntroductory.

E submit the succeeding pages for the careful consideration of the trade, trusting that in the assortment of patterns and designs represented, and data given, our catalogue will be of real value and material assistance to them in selecting goods to fully meet their requirements.

We manufacture only the best grades of work, and guarantee our goods to be as represented; we believe that the best is always the cheapest.

Our customers will kindly bear in mind that much of our work has to be made specially to their order, and that it takes a little time to get the work in hand and constructed, but we will constantly direct our best efforts to make the delay as short as possible, while maintaining a high standard of workmanship.

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Please destroy previous catalogues and price lists; they are of no value.

Quotations and tenders are subject to immediate acceptance. Prices and discounts subject to change with or without notice.

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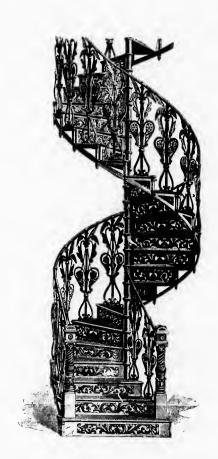
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Iron Stairs.

Con meet almost any demand made upon us for Iron Stairs—from the plainest and cheapest to the most elaborate. Architects and building superintendents, under-whose supervision we have erected Iron Stairways, pronounce them, invariably, to be very superior work.



No. 5. Ornamental Circular Stair.

In writing for estimates, give rise from floor to floor. Diameter is usually 5 feet. Baluster railing is wrought iron; treads and risers, cast iron. Various styles of railing can be substituted. It is not necessary to start with three straight steps; this is done to start stairway at proper place.







No. 1. Circular Stair.

(Showing portion of Balcony and Brackets.)

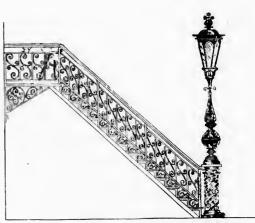
This illustration shows Stair as used on exterior of building.

Estimates furnished promptly for any kind or quantity.



No. 2. Iron Stair.

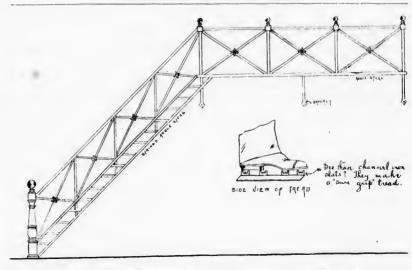
An attractive design for newel and railing for Wood or Stone Steps. We furnish Wrought or Cast Iron Steps when required.



No. 4. Iron Stair.

Modern in every respect, and an ornament to any building. The electric lamp can be omitted from newel if desired. Different designs of railing can be substituted.

Other styles made.

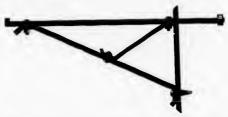


No. 3. Iron Stair and Balcony - Fire Escape.

Balcony, 3 ft. wide, (including Flooring, Railing and Brackets complete) per	
lineal foot	4.00
Stairway, 30 in. wide, complete	4.00

Our method of construction of Stairway and Balcony Fire Escapes combines strength, lightness, safety and minimum cost. The frame of Balcony is made of angle steel; flooring of channel steel or extra heavy steel wire netting. Strings of stairs, angle steel; treads, channel steel. Handrails, iron pipe; angle iron uprights. Brackets securely bolted through walls. In ordering or asking estimates, state length and number of Balconies and Stairs wanted, height from sill to sill, and thickness of walls.

We have had an extensive experience in building and designing Fire Escapes for all kinds of buildings and institutions, and are prepared at any time to send a competent man to advise, give necessary information, and submit sketch and estimates.



Wrought Iron Bracket for Balconies.

For 30-inch	Balcony	 	each	\$3.75
For 36-inch	Balcony	 	each	4.25
For 42-inch	Balcony	 	each	4.75

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Fire Escape. No. 4.

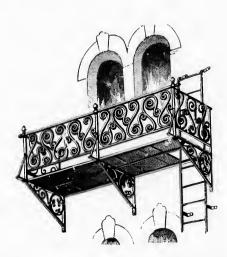
This is a practical and serviceable escape that can be erected at a very reasonable figure.

The ladder is so constructed that a person descending is between the wall and the ladder; the wall being at his back, the ladder in front of him, he can fall reither backwards or forwards. Thus they are perfectly safe.

Price varies according to length of Ladder and number of Balconies required.

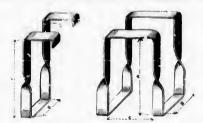
When ordering be careful to send correct thickness of wall.

This escape is intended for small hotels and factories where there is no probability of a "rush" in case of fire. We do not recommend it where a building is to be quickly emptied of a large number of people.



No. 5. Ornamental Wrought Iron Balcony.

Flooring is made of extra heavy steel wire netting, or, if desired, wood flooring may be used.



No. 1-Single Stirrag. No. 2-Double Stirrag.

In ordering give measurements indicated in cut. Usually made of 2x3/8 or 21/2x1/2 iron.



No. 6. Iron Shutter.

Usually made with No. 14 sheet iron, or 12 when extra heavy door is necessary. Substantial wrought iron hinges and frams.

Price 8oc. per square foot.

We can quote low figures for Bolts, Straps, Anchors, Columns, Steel Beams, Truss Rods, Etc.

Pew Ends.

Cast Iron Pew Ends possess so many self-evident points of advantage over the older wooden styles that they are rapidly displacing the latter. They have greater strength and durability, present a handsome appearance, and are capable of receiving a beautiful finish.

Price,	each						٠.	\$1.75
Price.	Upper	Half	for	divi	sions		 	1.00

Discount on large orders.



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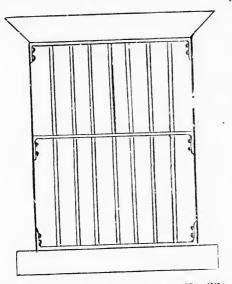
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Prices No. 20-C	Cover and	of illum	inating.
Prices No. 20-C	Thimble	Cover	Cover and
ias shown in cut).	as shown.	only.	Th.mble.
Cover only.	\$6.50	\$1.00.	\$4.90
15 in. each, \$4.00			£ 20
16 in. each, 4.20	6.90		5.20
		2.20	5.60
	4)		5.90
18 in. each, 4.90			
20 in. each, 5.70	. 9.80	2.90.	
		3.70.	8.00
30 in. each, 9.40	. 20.00		
J			



No.20-C Coal Hole and Illuminating Cover



Wrought Iron Window Guard.

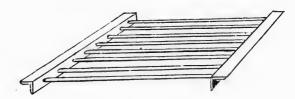
Upright Bars, $\frac{1}{2}$ ", $\frac{5}{8}$ " or $\frac{3}{4}$ " Round Iron, $\frac{3}{8}$ " centres. Horizontal Bars, $\frac{1}{2}$ x $\frac{3}{8}$ iron.

Prices on receipt of sizes and quantity required.

Wrought Iron Window Guard, No. 23.

Wrought Iron Area or Sidewalk Grating.

No. 24.



Bars, 5%" Round Iron, 1½" centres. Frame, 1½" Angle Iron. Prices quoted on receipt of size and quantities required.

WEIGHTS OF FLAT, ROUND, SQUARE, SHEET AND PLATE IRON.

		,	WEIG	нт о	F FLA	TIRC	N PE	R F00	ЭТ,				Wei Roun	ght o d Iro		Sq	gnt of nare ron.
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	.42	.63	.83	1.25	1.66	2,08	2,50	2,91	3+33	4.16	5.00	- 14	1.63	21/4	13.2	1/4	.208
11/4	.52	.78	1,04	1.56	2.08	2,60	3,12	3.64	4.16	5,20	6.25	33	3.68	21/2	16,3	3/8 1/6 3/8	.468 833
11/2	,63	.95	1,25	1.87	2,50	3.12	3.75	4.37	5.00	6,25	7.50	1/2	6.54	23/4	19.7	3/4	1.30
134	-73	1.05	1.45	2.18	2.91	3.64	4.39	5.10	6,83	7.18	8.75	.58	1,02	3	23.5	18	2.55 3.33
2	.83	1,27	1,66	2,50	3.33	4.16	5.00	5.83	6,66	8.33	10,00	34	1.47	31/4	27.6	11/4	
21/2	1,04	1.53	2.08	3,12	4.16	5,20	6.25	7.29	8.33	10.4	12.50	78	2,00	31/2	32.0	13/4	13,3
3	1,25	1.88	2,50	3-75	5.00	6,25	7.50	8.75	10,0	12.5	14.9	ı	2,61	334	36.8		20.8
31/2	1.46	2.18	2.91	4-37	5.83	7.29	8.75	10,2	11,66	14.5	17.4	11/8	3.31	4	41.8	31/2	30.0 40.8
4	1.64	2.46	3-33	5.00	6,66	8.32	10,00	11.6	13.38	16,6	19.9	11/4	4.09	41/2	53.0	4 1/2	53.3 67.5
41/2	1.87	2.54	3.74	5.62	7.50	9.36	11.2	13.1	15.0	18.7	22.5	1 1/2	5.89	5	65.4		
5	2.48	3.72	4,16	6,25	8.32	10.4	12.5	14.5	16,66	20.8	25.0	13/4	8.01	51/2	79.17		
6	2.50	3.75	5.00	7.50	10,00	12.5	15.0	17.5	20,02	24.9	29.9	1 2	10.4	6	94.25	11	

	Weigh		heet I		er	We	eight of I Squa	Plate Iro	n per
No.	Lbs.	No.	Lbs.	No.	Lbs.	In.	Lbs.	In.	Lbs.
	8.77	13	3.80	21	1.33	1/16	2,50	9/16	22,50
6	8.41	14	3.23	22	1.17	1/8	5.00	5.8	25,00
7	7.56	15	2.91	23	1.13	3/16	7.50	11/16	27.50
8	6.71	16	2.55	24	1.01	1/4	10,00	34	30.00
9	6.39	17	2.22	25	.85	5/16	12.50	13/16	32.50
10	5.54	18	1.94	26	.81	3/8	15.00	7 %	35,00
11	5,05	19	1.70	27	.83	7/16	17.53	15/16	37.50
12	4.41	20	1,42	1 '	1	1/2	20,00	T	40,00

WEIGHT OF CAST IRON COLUMNS PER LINEAL FOOT.

Capitols and Beads to be added.

Bore in Inches.	1/4																		
	74	₹8	1/2	5á	34	7/g	ī	1/8	11/4	11/2									
	Lbs.	Lbs,	Lbs,	Lbs,	Lbs,	Lhs,	Lbs.	Lbs.	Lbs.	Lbs									
2	5.52	8.74	12.27	16.11	20,25	24.70	29.45	34.52	39.88	58.9									
21/2	0.75	10.58	14.73	19.18	23.95	28.49	34.46	40.04	46.02	58.9									
3	7.93	12.43	17. 8	22,24	27.61	32.29	30.27	45.56	52,16	66.2									
31/2	9.20	14.27	19.64	25.31	31.20	37.58	44.18	51,08	58.29	73.6									
4	10.43	16,11	22,09	28.38	34.98	41.88	49.09	56.60	64.4.3	80.0									
41/2	11.66	17.95	24.54	31.45	38.66	46.18	55.00	62.13	70.56	88.3									
5	12.89	19.79	27.CO	34-52	42.34	50.17	58,91	67.65	76.70	95.7									
51/2	14.11	21.63	29.45	37.5	46.02	54.76	63,81	73-17	82.84	103.0									
6	15.34	23.47	31.91	40.65	49.70	59.06	98.72	78,69	88.97	110.4									
7 .	17.79	27.15	36.82	46.79	57.06	67.65	78 54	89.74	101.25	125.1									
8	20.25	30.83	41.72	52 92	64.43	76.24	88,36	100.78	113.52	139.9									
9	22.70	34.52	46,63	59.06	71.79	84.83	98,18	111.83	125.79	154.6									
10	25.16	38.20	51.54	65.19	79.15	93.42	107.09	122.87	138.06										
11	27.61	41.88	56.45	71.33	86,52	102.01	117.81	133.92	150.33	1									
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	ĺ									
14	34.98	52,02	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										
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18		67.65	90.81	114 28	138.06	162.14	186.53	211.23											
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22			120,26	138.83	182.24	196,50	225.80	255,41	285.32 309.87										

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4" Round ntal Bars,

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Iron Roof Cresting and Finials.

GR variety of patterns and for new and popular designs in IRON ROOF CRESTING we lead all others in the trade. We give best value and satisfaction. Our cresting is always properly fitted and painted before being shipped. No trouble is experienced in putting it up.

When Ordering Cresting

make a diagram of roof, allowing from two to four inches to set in from edge, and mark measurements directly upon the diagram. A finial should be used at each angle or corner. When required for ridge we furnish any pattern with special feet to fit roll of ridge, for which we charge five cents per foot extra. Order by number, mention height desired, and color you want it painted.

Directions for Putting Up Cresting.

Place numbered pieces where shown on diagram furnished by us with cresting; whole panels between will make up the length.

Every order shipped by us is accompanied with directions as shown above, so cresting can be set in position by anyone who can use a screw driver.

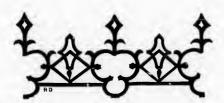
RUBBER STRIPS are furnished to be placed under each foot; this absolutely prevents

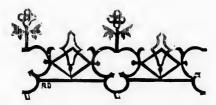
Corners and Finials are furnished with wrought iron clips. All necessary bolts and screws are included in the following prices:—

Roof Cresting.



No. 1—Cresting, 10 in. high.....per lineal foot, 30c.







foot, 30c.

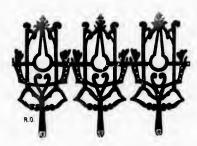
RESTING

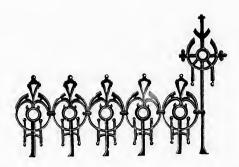
n. Our ouble is

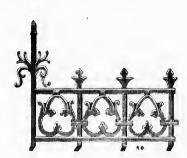
nd mark angle or to fit roll mention

above, so
y prevents
bolts and

"Appearances Count."

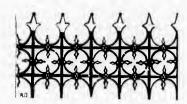




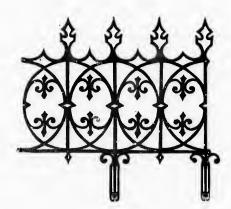


No. 6—15 in. high.....per lineal foot, 35c.

"Appearances Count."



No. 7—Cresting, 15 in. high......per lineal foot, 40c.



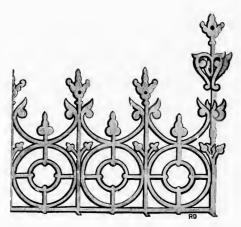
"Appearances Count."

al foot, 35c.

l foot, 35c.

each, 6oc.

eal foot, 35c.

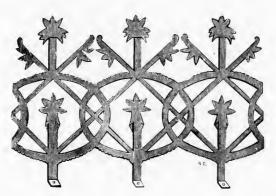


No. 9—Cresting, 2 ft. high..... per lineal foot, 55c.



[&]quot;Appearances Count."





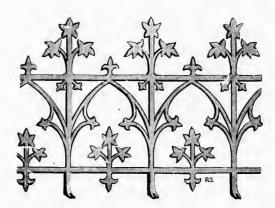
"Appearances Count."

al foot, 55c.

eal foot, 85c. . each, \$1.75



No. 13—Cresting, 2 ft. 6 in. high.....per lineal foot, 65c. For large buildings



"Appearances Count."



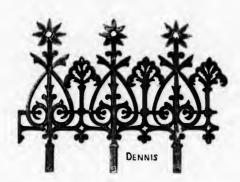
"Appearances Count."

ineal foot, 40c.
" " 60c.

neal foot, 65c.



"Appearances Count."

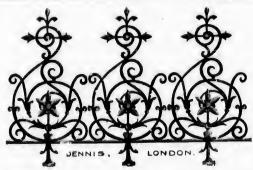


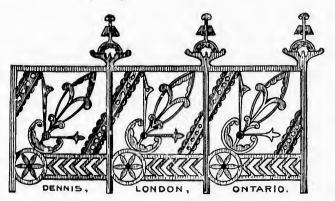
No. 17—Cresting, 2 ft. 3 in. high.....per lineal foot, 6cc.



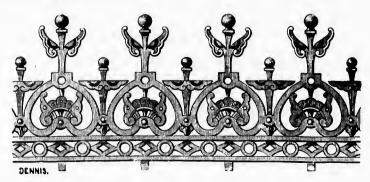
"Appearances Count."

lineal foot, 65c.

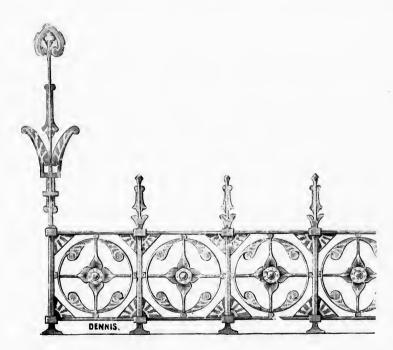




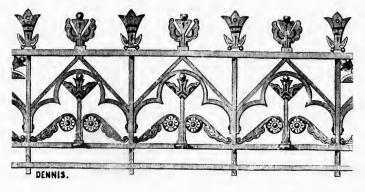
No. 20—Cresting, 27 in. high.....per lineal foot, 70c.



"Appearances Count."



No. 22-Cresting, 2 ft. 2 in. high..... per lineal foot, 65c.



No. 23—Cresting, 2 ft. high..... per lineal foot, 65c.

"Appearances Count."

neal foot, 40c.



ineal foot, 70c.



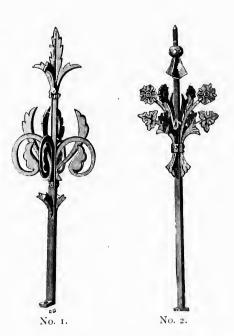
ineal foot, 40c.
" 60c.

Finials and Vanes.

Finials should be used with Cresting at angles and corners, they greatly add to its appearance. They are made in different heights to correspond with the crestings with which they are ordered.

The larger styles make a handsome and attractive finishing ornament for towers, gables, etc.

N. B.—We furnish special designs for large Wrought Iron Finials and Vanes on application.



No. 1-Finial,	for 24 in. Cresting or highere	ach, \$2.00
No. 2 "	for 24 in. Cresting or higher	" 1.75
No 2- "	for 15 in to 18 in Cresting	" 1.25

Finials.

.. each, \$2.00

ly add to its crestings with

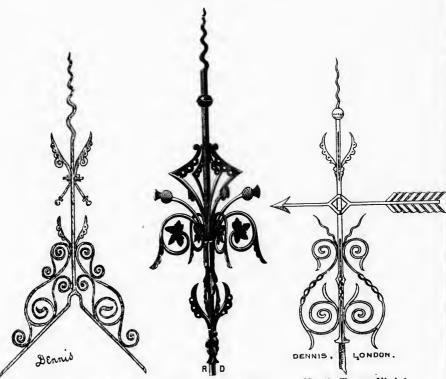
nt for towers,

ind Vanes on

"Appearances Count."

Finials should be used at corners with Cresting; they give it a finished appearance.

Finials.



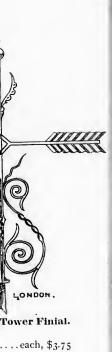
No. 6-Gable Finial.

No. 7-Tower Ornament.

No. 8-Tower Finial.

No	6—G	able	Finial		e	ach, S	\$3.75
66	7-T	'ower	Ornam	ent. 4 feet	thigh		5.00
	, .	"	44	6	"	66	6.00
66	8	"	Finial,	Wrought	Iron, 4 sided, 6 ft. high	46	9.00

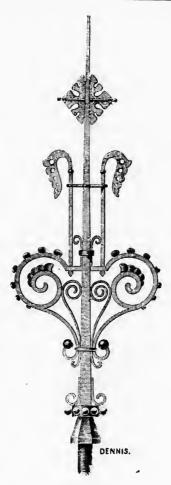
We will furnish drawings and lowest prices for Wrought Iron Finials for large towers, spires, etc., on application.



5.00 6.00

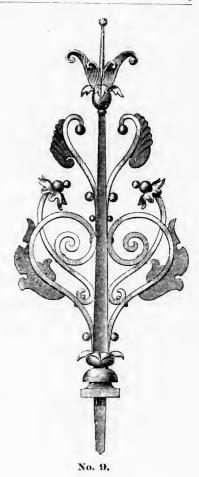
9.00

inials for large

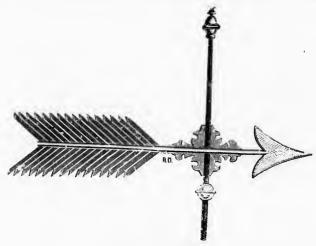


No. 10.

Finial, 4 ft. high . . \$6.00 Finial, 6 ft. high . 7.00

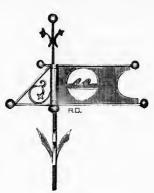


"Appearances Count."



No. 1. Arrow Vane.

No. 1—Arrow Vane, gilded, 2½ feet longeach, \$6.00 The spire or shaft is round, and long enough to extend down and fasten securely into the wood. The arrow and balls are gilded with pure gold leaf, will always look bright, and can be seen at a long distance.

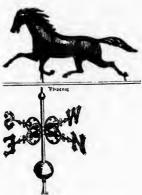


No. 2 Banneret.

No. 2 - Banneret, 4 feet high, each, \$6.00

Balls and points gilded with pure gold leaf. A very pretty ornament for tower or gable.

Any design made to order.



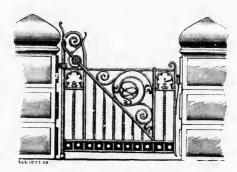
No. 3 - Ethan Allen Vane.

	MOUNTED COMPLETE.	
No.	100-24 in. long each,	\$15.00
4.6	101-31 in. long "	20.00
6.6	102—48 in. long "	75 CO
64	103-With sulky "	30.00
	Size 22 x 26 inches long.	, ,

All our Vanes are full-bodied, made of pure copper, gilded with genuine gold leaf. We make all designs.

" Appearances Count."

Send for our special "Iron Fence Catalogue."



Iron Fences.

"The finest in the land" is the reputation borne by our Iron AND WIRE FENCE. We manufacture all kinds, Wrought Iron, Cast Iron, Wire and Tubular, plain and ornamental, for lawns, cemeteries, and public parks and buildings. The Iron Fencing section of our business is of sufficient importance to necessitate the issue of a separate catalogue, which we will be pleased to send for the asking.

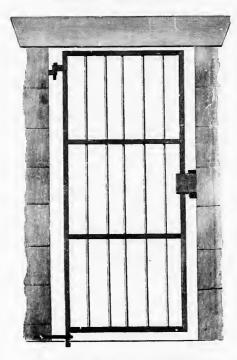
each, \$6.co
each, 8.co
each, 11.oo
each securely
always look



en Vane.

each, \$15.00
... 20.00
... 75 co
... 30.00
s long.
odied, made of genuine gold

Cell Gates.



No. 2-Wrought Iron Cell Gate.

(With special Jail Lock.)

For Wrought Iron Gates and Heavy Sheet Iron Doors for Cemetery Vaults we will be pleased to furnish special styles on application.



Mock Hinge, 18 x 11 inches......per pair, \$3.00.
Other Styles Furnished.

Hitching Posts.

Our Iron Hitching Posts are substantial, attractive and low priced. They are a very saleable article, and we recommend them to dealers as profitable to keep in stock.



tery Vaults we

per pair, \$3.00.

Height above ground from 36 to 40 inches.

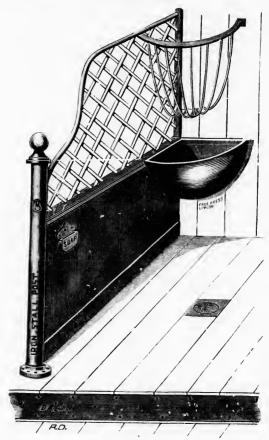
Each, \$5.00.

Each, \$3.50.

Each, \$2.50.

Iron Stable Fittings.

We manufacture a complete and practical line of up-to date Fittings suitable for modern stables.



Steel Wire Stable Partitions.

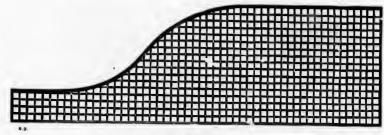
No. 1 Style (same as cut above). In Channel Iron Frame.

6 f	eet long, 2	feet high	n, 2 in.	mesh,	No. 7 v	wireeach, \$6.	50
7	"	"	64	4.6	. 6	· · · · · · · · · · · · · · · · · · ·	50
						" 8.	
						" 9.	
Box Stall Partitions to matchper square foot,							
Any shape or size made to order.							

Our Steel Wire Stall. Partitions are made with Channel Steel Frame, and, unlike the common cast iron article, cannot be broken, therefore they are much safer to use; a broken guard may cause serious injury to valuable animals.

suitable

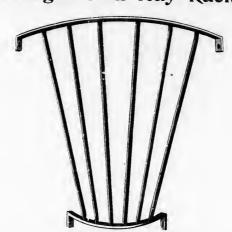
Steel Wire Stall Partition.



No. 2 Style.

This guard is made of *flat* steel wire, 3% or ½ in. wide, interwoven as shown in cut in channel steel frame.

Wrought Iron Hay Racks.



No. 1-Corner Rack.

Made sufficiently large to fit the corner stall and give plenty of room for hay.

Price, painted.....each, \$3.00.

No. 2-Rack for Centre of Stall.

Price, painted.....each, \$5.50.

OUR WROUGHT IRON HAV RACKS occupy small space in the stall, are economical in preventing waste of hay, and are absolutely unbreakable. Cast iron racks are easily broken, and are unsafe to have in the stable.

Racks can be galvanized if desired.

e.each, \$6.50

... " 7.50 ... " 8.50 ... " 9.50

uare foot, 0.50

eel Frame, and, e much safer to

Hitching Rings.

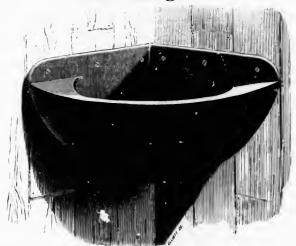


No. 1-Lion Head.



No. 2-Pog Head.

Oat Mangers.



No. 1-Corner Oat Manger.

With food guard or flange to prevent horses wasting oats and feed.

Price, Japanned.....each, \$2.00

Oat Mangers can be galvanized if desired.

Stable Gutter.



No. 1.

Stable Cess Pools.

No. 2-WITH BELL TRAP.

Made to connect with No. 1 Stable Gutter. Size 15½ x 15½ in.; outlet 4 in. Price.....each, \$6.50

No. 3-BELL TRAP CESS POOL.

Does not connect with Gutter.

Iron Stall Posts.

Salt Dishes.

Corner or Square......75c.

Soap Boxes.

IRON STABLE FITTINGS are cleanly, sanitary, durable, and cheapest in the end.

Tubular Steel Barrow.



Capacity, 5 cubic feet; 30 in. wide; 18 in. wheel; tray, No. 14 steel; heavy band riveted around edge.

Our Barrows are extra well made, and are not to be compared with the carelessly made barrows sometimes offered.

Price.....\$16 00

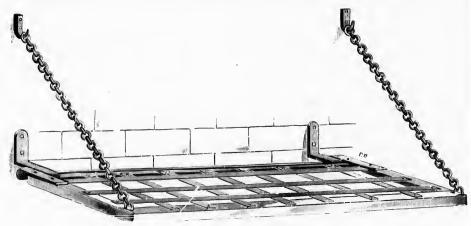
...75c.

feed. . . . each, \$2.00

eet. \$4 7



Institution Iron Bedstead.



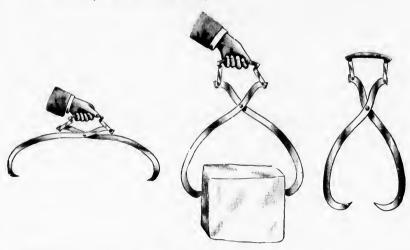
Wrought Iron Jail Bed.

FOLDS UP AGAINST WALL WHEN NOT IN USE.

Price—2 ft. 6 in. wide, 6 ft. 3 in long......each, \$8.00 3 ft. wide, 6 ft. 6 in. long.......82.75

The Wright Ice Tongs.

There can only be one best-here it is:



The only ice tong that can be easily operated with only one hand. Made in 3 sizes.



Bar Hand Rail Bracket.

Price, nickel plated each, \$1.00



Iron Standard.

For Foot Rail for front of hotel bars, counters, etc.



orings each end.

...each, \$10.00





No. 1.-Ornamental Iron Vase.

MADE IN TWO SIZES.

Height, 42 in.; diameter of vase, 22 in; width, including handles, 38 in.

Price.....\$18.00

Height, 36 in.; diameter of vase, 18 in.; width, including handles, 30 in.

Price \$12.00

When filled with flowers they make a beautiful ornament for lawn or cemetery. Finished in pure white or green bronze. Shipped anywhere without injury.

Height, 34 in.; diameter of vase, 13 in.

Price.....\$6.00



Danis

No. 2.-Ornamental Iron Vase.

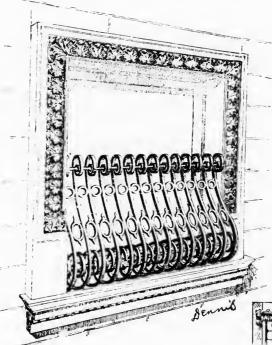
TWO SIZES.

in.; diameter of width, including

...\$18.00

5 in.; diameter of width, including

. \$12.00

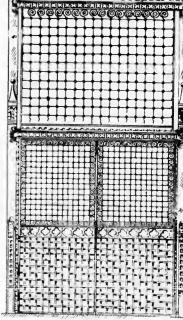


Wrought Iron Window Guard.

Elevator Guard.

Made of flat, cold rolled steel, 3% x 1%. or 5/16 x No. 14, round edge. Finished dead black, antique copper, antique brass, bronze, nickel, etc.

Estimates on application.



Danis

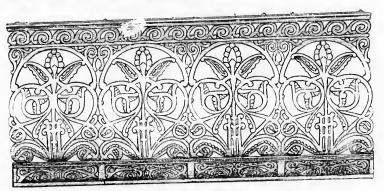
Railings.



No. 7. Cast Iron Gallery Railing.

Fitted for wood top rail.

Per lineal foot......\$1.75



No. 8. Cast Iron Gallery Railing.

Fitted for wood top rail.



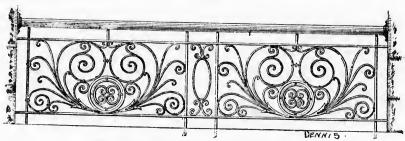
No. 9. Altar Railing.

Wrought Iron.

Painted blue and finished in gold leaf. Polished oak rail.

Per lineal foot.....\$2.00

Railings.

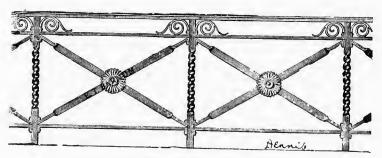


No. 10. Wrought Steel Railing.

For balconies, galleries, well holes, etc.

30 inches high, painted.....per lineal foot, \$3.75

Other heights made at proportionate prices.

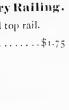


No. 11. Wrought Steel Railing.

For balconies, verandas, piazzas or galleries.

30 inches high, painted......per lineal foot, \$1.75

The above railings are made of steel, hand forged, and add materially to the value and appearance of any building. They are made in panels for convenience in shipping. In work of this character any conceivable design can be executed to suit taste of purchaser.





......\$1.50

olished oak rail.



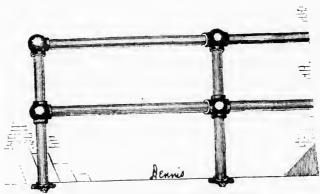


No. 12. Polished Brass Railing.

For altars, etc.

Price, brass rails only (1½ diameter), per lineal foot
Posts, extra (1¾ diameter), each
Posts, extra (134 diameter), each
Small scrolls, extra, each
Extra work on gates (scrolls, hinges and lock)

This railing is usually made from 24 to 30 inches high. When writing send measurements and state height you prefer, and we will quote net prices.



No. 13. Plain Metal Railing.

Can be made in either iron, brass or bronze. If desired, the lower space can be filled in with mesh made of flat metal strip. This railing is suitable for galleries, areas, in front of stores, verandas, etc. It can be furnished painted, antique copper, nickel plated or polished brass or bronze.

Posts, 2 in. diameter; rails, 136 in. diameter.

Price, per foot, iron painted, \$1.25: antique copper, \$2.00; brass, \$2.50.



.....\$0.655.006.75

en writing send



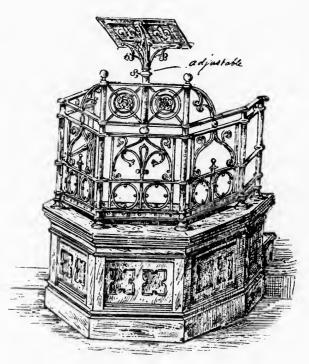
ower space can be for galleries, areas, que copper, nickel

rass, \$2.50.

Church Metal Work.

We design and build a complete line of ornamental brass work for church purposes. The illustrations of church metal work on this and succeeding pages are intended merely for suggestive data, to be supplemented by photographs and special sketches. We will arrange and submit designs on receipt of a description of work required and any suggestions and information that will enable us to prepare our designs agreeably with customer's taste and desired limit of expenditure. Our designs will be found artistic and appropriate, and our work executed with skill and fidelity.

We will give careful attention to enquiries for work for churches of moderate size, where something is required at a moderate expenditure. For smaller-sized churches we can furnish work of appropriate style and chaste design at very reasonable figures.



Brass Pulpit.

(OAK BASE.)

We also make pulpits with ornamental cast-iron platform, supported on cast-iron columns; brass railing.

Designs and estimates furnished on request.

Church Metal Work.



Polished Brass Litany Desk. No. 20.



Polished Brass Litany Desk. No. 21.



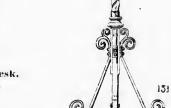
Polished Brass Lecturn. No. 30.

Additional designs submitted when requested.

Prices on application.

Church Metal Work.



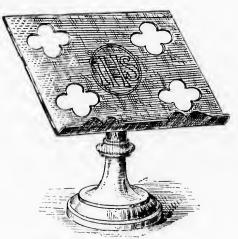


Pulpit Desk. No. 4.

Prices and additional designs on application.

Polished Brass Lecturn. No. 32.

Polished Brass Lecturn. No. 31.



Altar Desk. PRICE, \$10.00.

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ation.

Wrought Iron Andirons.



Design No. 1.



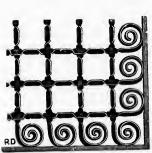
Design No. 2

Per pair...........\$20.00 Per pair.........

Other styles made to order. Any design or price.

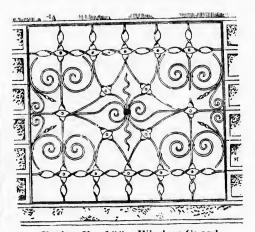
Per pair.....\$30.00

G. ils.



Design No. 102. Window Grill.

Price, with channel iron frame, painted, per sq. foot, \$1.25.



Design No. 100. Window Guard.

Price, with channel iron frame, painted, per sq. foot, \$2.00.

Made of 5/16 or 3/8 in. Flat Steel.



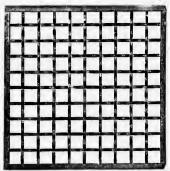
Design No. 103. Sign Grill.

This Grill is generally put in the transom or main entrance of banks, offices and stores, and answers the double purpose of a sign and ornamental protection for transoms. The face of letters is gilded with gold leaf and balance of work finished in black or oxidized copper. Other designs furnished.

"DOES QUALITY COUNT WITH YOU?"

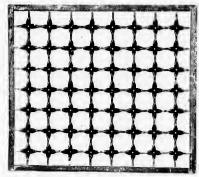
Metal Panels.

We illustrate a few designs of metal grills. These are made of flat rolled steel or brass, and set in channel steel or channel brass frames. They can be beautifully finished in polished brass, antique brass, bright copper, antique copper, bronze, nickel, dead black, steel blue, etc. These panels can be screwed in wood frames for counter railings, guards, partitions, etc., etc. They are also used with ornamental top rail and brass posts for bank and office railings.



120. Flat Crimped Metal Panel.

1" mesh, 3/16 flat steel, per sq. ft., \$1.00 1 1/4" mesh, 1/4 flat steel, per sq. ft., 1.00 $1\frac{1}{2}$ " mesh, 5/16 flat steel, per sq. ft., 1.00 13/4" mesh, 5/16 flat steel, per sq. ft., .90



Quarter Twist Metal Panel.

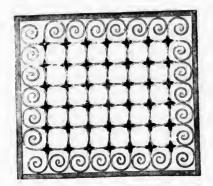
1" mesh, 5/16 flat steel, per sq. ft., \$1.40 13/4" mesh, 5/16 flat steel, per sq. ft., 1.30 PRICES ARE FOR ANTIQUE COPPER FINISH.

Dead black, 25c. per sq. ft. less.

..\$30.00

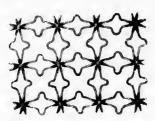
attribitionis

Guard. nted, per sq.



No. 122. Quarter Twist Metal Panel.

1½" mesh, 5 16 flat steel, per sq. ft..\$1.50 1¾" mesh, 5 16 flat steel, per sq. ft.. 1.45



No. 123. Metal Panel.
In channel frame.
Price, per sq. ft. \$2.co

No. 124. Metal Panel.

In cuannel frame.

Price, per sq. ft..................\$2.25

No. 125. Metal Panel.

Price, per sq. ft......\$2.75

Panels Iess than 6 sq. ft. extra.

PRICES ARE FOR ANTIQUE COPPER FINISH.

Dead black, 25c. per sq. ft. less.

"DOES QUALITY COUNT WITH YOU?"



st Metal

sq. ft. . \$1.50 sq. ft. . 1.45



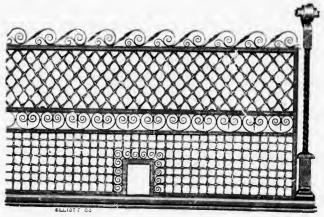
e.\$2.25



Bank and Office Railings.

We manufacture a complete line of Wire and Metal Railings, Partitions, Wickets, etc., for banks and offices. We can meet all requirements in this department. Our metal railing work is of the highest grade. We can execute any design, and furnish any finish desired. For important work, we supplement the designs illustrated on the following pages with original sketches. We always have the very latest materials and methods to put into the construction of our work. Our metal railings are always correct in artistic design and style, of the most skilled workmanship, and finest finish.

We call particular attention to our Antique Copper Finish. This is a most durable one, and when properly and artistically applied (as by our improved electroplate process), presents a very handsome effect. Our method is in many ways superior to others—we produce finer work and a better style of finish.



No. 100. Metal Bank or Office Railing.

Furnished in polished brass, antique brass, bronze, antique copper, nickel, dead black, etc.

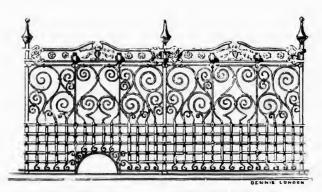
We will furnish estimates on receipt of plan of counter, measurements, etc.

"Does Quality Count with You?"



No. 101. Bank or Office Railing.

We design and make bank railings, cages, wickets, etc., to meet any requirement.



No. 103. Bank or Office Railing.

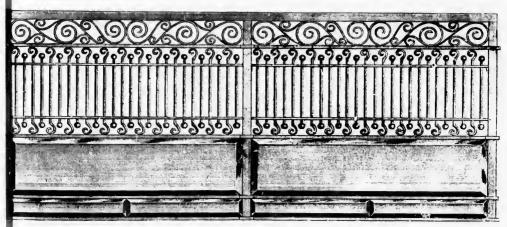
These railings furnished in polished brass, antique brass, bronze, antique copper, nickel, dead black, etc. We will furnish estimates on receipt of plan of counter, measurements, etc.

"Does Quality Count with You?"



No. 104. Bank or Office Railing.

Base bevelled-edge plate glass, plain or chipped. Very handsome in polished brass.



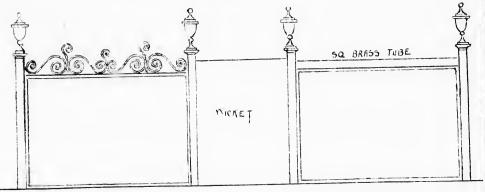
No. 105. Bank or Office Railing.

Base bevelled-edge chipped plate glass. There railings furnished in polished brass, antique brass, bronze, antique copper, nickel, dead black, etc. We will estimate on receipt of plan of counter, measurements, etc.

equirement.

ique copper, of counter,

"Does Quality Count with You?"



No. 106.

No. 107.

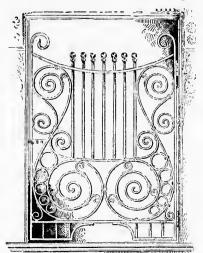
The above illustration shows framing, brass posts, ornamental top rail and wicket for bank or office railing. Any design of metal panels, as shown on pages 45 and 46, can be inserted in frame. Any style wicket may be used (see page 51). This construction makes a very handsome and serviceable railing for office or bank counter, at a reasonable cost. Send us a plan of counter, with measurements and number of posts and wickets required, and we will send estimate for work complete. This railing is usually made in antique copper or polished brass.

When you are requiring metal work of this nature, ask us about it. We have had much experience in designing and making metal railing work, and are always pleased to aid prospective purchasers with suggestions, special drawings, and any information we are able to give.

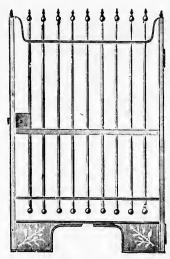
Tellers' Wickets.

For banks, ticket offices, post-office windows and cash openings. Made to order to fit any opening.

The artistic appearance, utility and durability of our brass wickets are making them very popular; they are each year coming more and more into use.



No. 5. Potished Brass Wicket.
18 in. wide, 24 in. high: each, \$25.00.
With lock and hinges.



No. 7. Polished Brass Wicket.
18 in. wide, 24 in. high; each, \$20.00.
With lock and hinges.



No. 6. Polished Brass Wicket. 18 in. wide, 24 in. high; each, \$25.00. With lock and hinges.



No. 8. Polished Brass Wicket. 18 in. wide, 24 in. high; each, \$32.00.

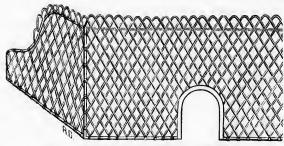
These wickets are usually made in polished brass, but can be furnished in antique copper if desired. They are used with our metal counter railings, and can also be used in connection with wood or glass railings, showing a handsome contrast.



d wicket 5 and 46, struction casonable d wickets made in

have had deased to ation we

Wire Office Railings.

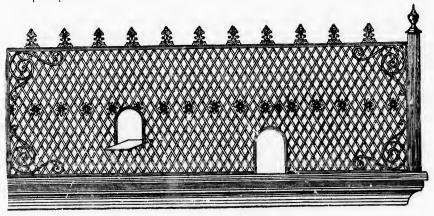


This is a very serviceable, low-priced railing for store counters, desks and small offices. Frame is 3% in round iron, with 1½ in diamond mesh No. 11 wire.

No. 1. Crimped Wire Railing.

I 2	in. hi	ghpe	r sq. ft	., \$0 40	30 in. high per sq. ft.,	\$0.28
					Square return endsextra, each,	.30
					O. G " " … "	.50
			4.6	.32	Cash hole "	.50
2.1	6.6		66	.30		

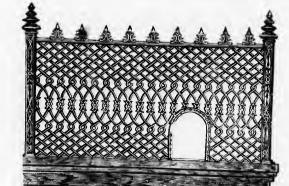
The O. G. return ends (as shown in cut) add greatly to the strength and finish, and should be used where possible. Finished any color and decorated in gold bronze. Presents an attractive appearance. Finished entirely in gold or aluminum bronze, toc. per sq. ft. extra.



No. 5. Wire Office Railing.

18	in. hig	ghpe	r sq. ft	., \$0.75	Cash hole, extraeach,	
					" with door, extra "	
30	6.6		66	.65	Shelf (brass plate) "	.75
36	6.6		6.6	.60	Posts	2.00
					Pickets on topper lineal ft.,	.25

Channel steel frame: strong crimped wire mesh. Enamelled any color, and decorated in gold bronze. Finished entirely in gold or aluminum bronze, 10c. per sq. ft. extra.



Enamelled in any Color and Bronzed.

No. 4. Wire Bank or Office Railing.

FX	TD	AC	

TO 1		LATRAS.
Prices, 24 in. high per sq. "30 " "36 " "	1.05	

We use ornamental frames for all our cash holes, which adds greatly to the appearance of the work.

No. 3. Wire Bank or Office Railing.

EXTRAS.

Price, 30 in. high per sq. ft., \$1.10 " 36 " " 1.05 " 42 " " 1.00 We charge extra for curves or irregular	Cash hole, with glass or polished brass shelf, door and lettering \$8.00 Small cash holeseach, 1.50 Posts
shapes.	Pickets on topper lineal ft., .20

Channel steel frame, 114 in. diamond mesh No. 11 Wire. Finished any color and decorated in bronze. Any of our Wire Railings finished entirely in bronze for 10c. per sq. foot extra.

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ffices.

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11 wire.

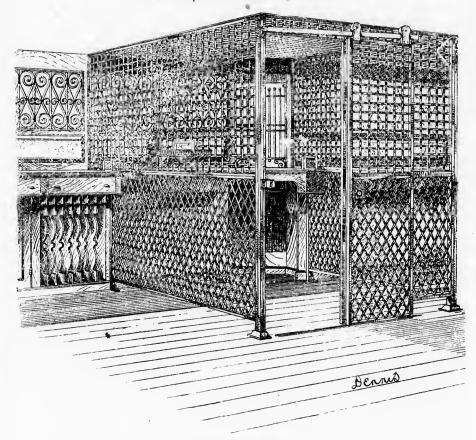
t.,\$0.28 h, .30 .50

h, \$1.50 3.00 .75 2,00 .25 or, and

per sq.

Tellers' Cages.

For banks, express offices, counting rooms, etc.



Tellers' Cage.

Swing or slide door, with Yale lock; opened on outside with key only. Made of round or flat crimped steel wire: channel steel frame. Dead black or antique copper finish. These cages can be made any shape or size, and afford complete security to tellers and cashiers.

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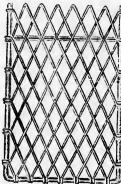
Wire Work and Wire Goods.

Our wire-working department is splendidly equipped with the most improved up-to-date machinery and facilities for manufacturing all sorts of goods that are made of wire. We will be glad at any time to quote best figures for special wire work not catalogued.

WIRE WINDOW GUARDS.



No. 3. Church Window Guard.



No. 5. Wire Guard. For basement and other

No. 4. Wire Guard. With finished top. For house, store and factory windows.

Price list of No. 3, 4 and 5 crimped wire window guards-round iron frame.

1 110	c, 3/4	ın. mesh	, N	o. 16	W1:	repe	C	0
.6	3/1	4.6	44	1.5	4.6	pe		, 18c.
4.4	ı´ʻ	4.6	66		6.6		"	2 OC.
٤.	1	44	٤,				4.6	16c.
4.6			4.6	13			4.4	18c.
	1	66		I 2			6.6	2 2C.
, 6	1 1/4		66	13	6.6		66	16c.
	1 1/4	٠.	4.6	12	6.4	11.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	6.6	
4.4	1 1/4	4.6	6.6	11	4.4		,,	18c.
4.4	1 1/2	4.6	4.	12	4.6		"	22C.
4.4	11/2	6.6	6.6	11			66	16c.
5.6	11/2	4.6	4.6		64	**********	6.6	ı8e.
66	1 1/2	1.6	66	10			44	22C.
16	1 3/4			11	66			16c.
	13/4		"	10	64	******		
6.6	1 3/4	4.4	+ 6	9	6.6		.,	18c.
4.4	2	+ 6	4.6	ΙÍ	64			22C.
4.4	2	44	44	10	6.6			16c.
6.6	2	4.6	44		66		4.4	18c.
6.6	-	64	64	9	44		46	22C.
	2			8	••		11	25C

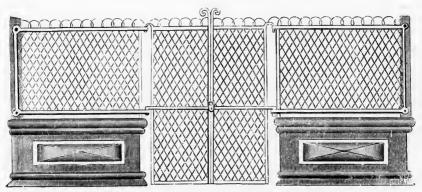
A guard measuring less than 12 sq. ft., 25 per cent. advance. These guards are a great protection to the windows. They permit a free circulation of air in warm weather. and keep out animals, yet do not obstruct the light. The frame is of 1/4 iron, covered with diamond mesh as shown in cut. Painted green or drab. These guards are made to be fixed with staples, but can be made with 38 frame to screw on if required, costing 3c. per sq. ft. more.

Always state which measurement is the height.

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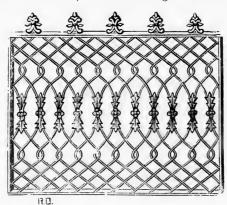
. 6oc.

. 8oc.



No. 1. Store Front Window Guard.

Frame, 5/8 round iron; No. 10 wire; 13/4 mesh.



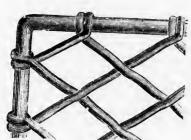
No. 5. Extra Heavy Wire Guard.

Ornamental pattern.

1 1/2	mesh, No.	10	wire	٠. ١		 				 . ,								per	sq. ft.,	75C.
13/4	6.	9	. 6		 								,						• •	75C.
2	**	8	**																4.	75°.
212	٤.	6	٠.																h +	Sec.
3	+ 6	4	• 6 .							 										8cc.

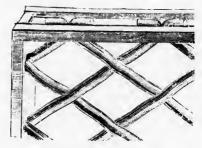
Pickets on top, 200, per lineal foot extra. Guards containing less than 12 sq. ft., 25 per cent, extra.

c



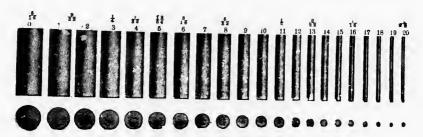
Round Iron Frame.

This cut illustrates the method of securing the wires in wire guards and railings made with round iron frames. This style of frame can be secured in position with staples and screws.



Channel Iron Frame.

This cut shows the method of securing the wires in channel iron frame, and is used in the better and stronger class of work, such as bank railings, elevator work, stall partitions, heavy window guards, etc.



Above are shown full sizes of iron and steel wire by English standard gauge.

Coil Springs.



This end shows close coil No. 9 wire, 1 in. diameter.

This end shows open coil No 7 wire.

We make all kinds of wire springs, and will be pleased to quote prices on receipt of specifications.

Flower Stands.

Wire flower stands possess many desirable features; though strong and almost indestructible, they are light and very easily handled. They are tastefully finished and decorated, and are in themselves a bright and attractive ornament; when filled with living flowers they make the room bright and beautiful.



No. 1.—Half-round Stand with arch, 6 ft. 6 in. high, 4 ft. wide.

Price, \$8.00.

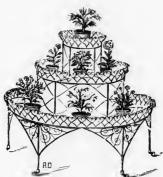
Painted green or wine color, and finished in gold bronze. Mounted on metal casters.

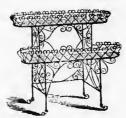


ost and vith

metal

No. 3.—Three-legged Stand, 3 ft. 6 in. high, 3 ft. 6 in. wide..... Price, \$4.00









No. 7.—One-st	ep Oblo	ng Sta	and.										
2.1	in. high	, 30 i	n. long,	9	in. wide	e			 		 	 Price,	\$2.00
30	"	36	""	10	4.6				 	 	 	 44	2.50
	44												
A very pre	atty little	stan	d to holi	d a	tew cho	oice :	olani	ts.					

Note.—Our Flower Stands are made extra strong, of heavier wire and more ornamental than ordinary makes. They are much admired for their beauty. We usually paint them green or wine color; finished in gold bronze and mounted on casters. They can be securely packed and shipped anywhere as freight without injury.

Wire Hanging Baskets.



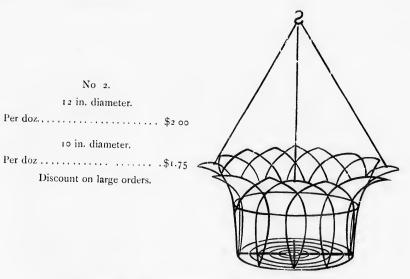
No. 1, with Border. 12 in. diameter.

No 2.

12 in. diameter.

10 in. diameter.

Discount on large orders.



FLORISTS' WIRE DESIGNS. We make a complete line of superior work. Send for special price list.

.50

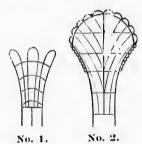
2.00 2.50

3.00

nore We

sters.

Wire Trainers.



12 ir	a high, as	ssorted	styles							 				 					 pe	ľ	doz,	\$1	.75	í
1.5		66																		4	14		.00	
18	61	44	64						 	 				 						-	. 6	2	.50)
	4.6	44	44																		6.6	3	.00	2
30	6.6	14	4.6																		6.6	3	-50	0
36	64	4.6	4.6																		6 6	4	.50	0
42	4.	4.6																			66	0	c	0
•	44	4.6																			46	5	3.0	0
40									ize							•								

Wire Grave Arch.

Name in gilt letters.

Very pretty at head or foot of grave.

No 1.—4 ft. 6 in. high, 2 ft. span..each, \$3.00 Letters 10c. each.







Wire Chairs and Settees.

For Lawns and Cemeteries.

Wire Chairs..... Price, \$5.00

Wire chairs and settees are comfortable, ornamental, and strong. We paint them green, white or black. They can remain out of doors during all seasons of the year without injury.

Wire Settees, to seat three persons..\$10.00

Wire settees are light and convenient to handle, and more attractive, as well as more comfortable, than cast iron or wood. They are "just the thing" for piazzas, lawns and cemeteries, and will last a lifetime.



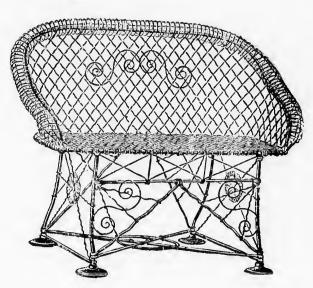
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Coal and Sand Screens.

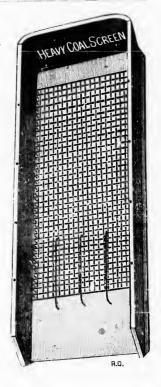
These screens are made with heavy hardwood frames, and filled with crimped steel wire web, which is firmly attached to the framework, and secured with flat iron at top and bottom. Cross rods are across the back of the screen to prevent wire from sagging.

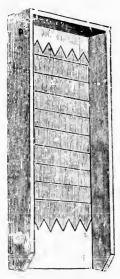
No. 1. Coal Screen.

Size, 7 ft. x 34 ineach, \$8.00 The different meshes are generally used as follows:

For Chestnut Coal, 38 in. space between wires.

6.6	Nut	4.6	1/2 and 58 space	6.
44	Stove	4.4	3/4 "	4.6
	Soft		70 and 16 "	6.6





No. 2. Mason's Sand Screen.

Size, 6 ft. x 2 ft. 6 in....each, \$5.00

Our Sand Screens are made of *Crimped* wire; there are no fine wires to cut, so that screen cannot get out of order until completely worn out.



Steel Wire Signs.

"If you have not a good sign, 'tis not a good sign for you."

The object of a sign is, primarily, to direct attention to one's place of business. For this purpose a **Wire Sign** is by all odds the most effective: it can be seen and read farther than any other; it can be read from both sides; by the addition of artistic scroll work a wire sign can be made a handsome ornament and finish to any building: it lasts longer than any other; and last, but not least, it creates a good impression—it indicates progress, good taste and enterprise.

CONSTRUCTION.

Frames, channel steel; heavy steel wire mesh. Letters galvanized iron, painted black, or hard wood finished in gold leaf. Necessary braces, etc., and ornaments and scroll work as desired.



Send us length and height of sign required, with any other information that will be of assistance to us, and we will furnish special original designs and estimates free of charge.



Wire Banner Sign.

Wire Signs.

This makes a very attractive sign to hang from front of building, or to suspend across street, and can be read at a long distance.

-1/20	ft., witl	h letters			٠.																																	\$	7.00
2 /2 X3	"	ii iciici.	,	•	• •	·	•	·		Ċ																													8.50
3×4	**		•	٠.	٠.	•	•	•	•	• •	•		•	•	• •	•	٠.	•	٠.	'	•	• •	•	•		•												1	11.00
485	**	44									•			٠		٠		٠	٠.		٠		٠	• •	•		•	•	٠.	•	• •	•	•			٠.	• •		1.00
=v6	46	4.4																			٠		٠			•		٠	٠.	٠		•		٠.	•	٠.	•		14.00
5.00	. 6		•																																				20,00
			٠	•	•	٠.	•	• •	•		•	• •	٠.	•	٠.	•		•	•		•																		25.00
778	4.6								•		٠			•	٠.	٠	٠.	•	•		•		•		٠.	•	٠.	•	٠.	•	٠.	•	•	٠.	•	٠.	٠.		25.00

Ornamental Metal Sign.

Lettered as desired.

We make a large variety of artistic metal signs, and will make special sketches and quote prices on receipt of particulars.

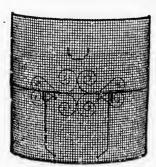


Bank and Office Window Blinds.



The advantage of these screens is that persons inside a room can see out without any difficulty, while those from the street cannot look in, and you are thus secluded from the gaze of outsiders. Lettered with Gold Leaf. Send size of frame and lettering required, and we will be pleased to quote prices.

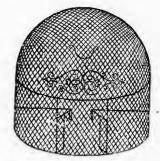
Spark Proof Wire Guards.



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Style D-Open Top Spark Guard.



Style C-Close Top Spark Guard.

Price List of Open and Close Top Spark Guards.

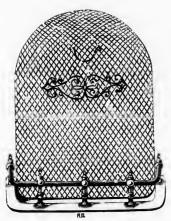
				-Inchis	CILLI CL.		
Trade Nos		21	22	23	2.4	25	26
Width in inches		20	22	2.4	26	28	30
Height in inches	18	20	22	2.4	26	28	30
Depth in inches	5 1/2	6	61/2	7	712	8	0
Price, Japanned, each		\$2.50	\$2.75	\$3.10	\$3.50	\$3.80	\$4.25
Price, Brass, each	3.10	3.50	4.00	4.50		5.50	6.25

Special Sizes charged at price of next larger size.

See Footnote on following page.

Spark Proof Wire Guards

CONTINUED.





Style A -Round Top Spark Guard.

Style B-Square Top Spark Guard.

Price List of Round and Square Top Spark Guards. Styles A and B.

Trade Nos	ı	2	3	4	5	6	7	8	9	10
Width in inches		2 2	23	24	26	28	0	32	34	36
Height in inches	26	27	28	29	30	31	32	34	36	38
Death in inches	6	61/2	7	$7\frac{1}{2}$	8	81/2	9	91/2	10	101/4
Die langung each \$	2 00	\$2.25	\$3.50	\$3.75	\$4.00	\$4.50	\$4.75	\$5.00	ф0.50	41.20
Price, Brass, each	4.25	4.50	5.00	5.25	5.65	6.25	6.75	7.75	9.00	11.00

Special Sizes charged at price of next larger size.

All our Spark Guards are made of 6x6 mesh wire cloth, and will fit the grate closely. The styles Λ and B stand on the hearth inside fender. Those made like cuts C and D hook on to the grate bars, and do not come down to the hearth. When ordering, give trade number, stating whether brass or japanned, and, if special, give width, height, and depth, specifying the style of guard, Λ , B, C or D. All orders for special guards should be accompanied by full size paper templates.

Waste Paper Basket.

No.	I.	15	in. high;	12 in.	diamet	er pe	r doz.,	\$10.00
**	2.	18	44	15	"			12.00
1.6	3.	2 I	4.6	18	"		"	14.00

Made in bright coppered wire or retinned.





Wire Dog Muzzles.

Our "Humane" dog muzzle. Without straps (retinned)..per doz, \$3.00 66 66 66 With 3.60

Assorted sizes in nests.

Wire Letter Box.

12 in. high, 9 in. wide, 7 in. deep.





Correspondence Basket.

91/2 in. wide x 14 in. long

x 4 in. deep..... per doz., \$10.00 Retinned. Other sizes made to order. Very handy in keeping correspondence from getting scattered while waiting to be answered.

Wire Anti-Rattlers.

Per gross (of pairs)..... 4.00

Put up in boxes. One dozen in a box.



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7.50 1.00

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Dennis Flexible Steel Wire Mat.

It is a woven rug of wire. Absolutely pliable and elastic. Soft as carpet. Our spiral coil border makes the whole mat flexible. Reversible and self-cleaning. A sanitary invention. Economical: will outlast half a dozen ordinary mats.

The only perfect mat for doorways, porches, vestibules, offices, banks, public buildings, churches, schools, hotels, theatres, elevators, laundries, counters and bars, railway depots, street cars, steamships, etc. Made in all sizes

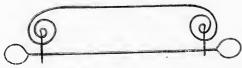
Made in all lengths for front of bar counters, etc.



		Calvanizad	Steel Each, \$	1.50
No. 2, Size	10X24,	Garvanized	"	2.00
No. 3, "	18x30,			3.00
No. 4, "	22x36,	"	"	4.50
No. 5, "	26x48.	1.6		
No. 6, "			" ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5.25
			"	6.50
No. 7, "			"	8.00
No. 8, "				10.00
No. 9, "	36x72,		Per st. ft.	.75
	_	66	" Per sq. ft.,	1.00
opeoiar sine	Irreg	ular shapes,	requiring rigid frames	1.00

We can put your name in, in white marbles, if you want it.

Wire Towel Holder.



Made of heavy retinned wire. Makes a very handy and cheap towel holder per doz., \$1.20

Steel Wire Carpet Whip.



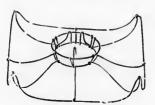
Extra quality.....per doz., \$1.10

Wire Stand.

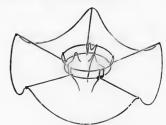


For heating water over a lamp chimney.per doz., 6cc.

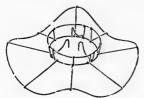
Wire Lamp Shade Frames.



Four Point-Square.



Five Point.



Square-Round Corners.

50 25 50

.00 -75 .00

60c.



Post Shade -Six Point.

Assorted shapes and sizes, 18 in. to 20 in.

 Hanging frames...
 per doz., \$1.00

 Post
 " 1.25





Coat Hanger.



Upholsterers' Hammers.

Without handles.

Per doz.....\$12.00

The popular favorite with the trade. Forged from the best cast steel. Finely finished and highly polished.



Wire Conductor Pipe Strainers.

		•	diamo	ter	per doz.,	\$2.50
						2.75
		3				3.00
44	3.	4	**			3.25
44	4.	5	"			3.50
"	۲.	6	44			3.3-



The "Dandy" Riveter.

The best hand riveter made. It is an absolute necessity to farmers, liverymen, machinists, threshermen, horsemen, etc., for mending harness, belting, and all sorts of leather goods. The "Dandy" Riveter (complete with pack-

age of tubular rivets).....\$1.00

GET THE BEST.

Rat Traps.

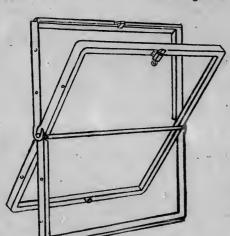


No. 1.—12x6 in	per doz.,	\$6.00
" 2.—14×7½ in	44	6.50
" 7.—16x0 in	**	7.00

This trap is made of crimped wire, retinned, wood bottom, well painted. It is well made, a good seller, and the best for practical use.

Steel Ventilator Frames.

For stained-glass windows.



Our ventilator frames are made of 1 x 3/8 x 1/8 in angle steel. They are extra well made, and always give best satisfaction. Our facilities for turning out this class of work enables us to quote very low prices. Circular and irregular shapes a specialty. Quotations and samples on application.

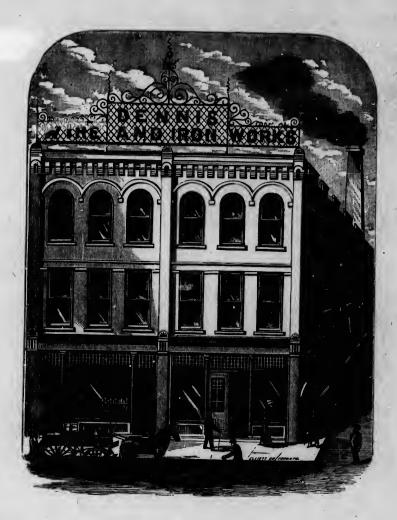
2.50 2.75 3.00

3.25 3.50

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\$1.00

If you can't find it here, write to us, and we'll make it.



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