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MONTREAL, FRIDAY, FEBRUARY 28, 1902.

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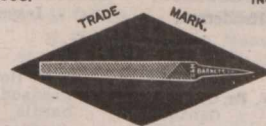
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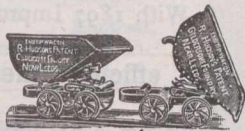
59—R. H.'s Patent 6-Ton Steel Double Side Tip Wagon to work with ordinary Fly Wagons



62—R. H.'s Patent Steel Goods Wagon with Side Doors



66—R. H.'s Latest Patent V or U-Shaped Double Side Tip Occupies less room than any other make



30—R. H.'s Patent End Tip Wagon. Made to any gauge and any capacity.



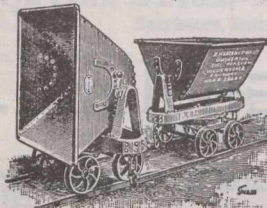
76—Hand Trolley, made to carry any weight or to suit any rail gauge.



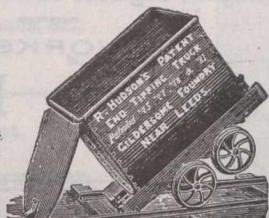
70—R. H.'s Patent Steel Mining Wagon



43—R. H.'s Patent Railway. No Bolts, Rivets, or Loose Parts. Will last ten times as long as the ordinary kind. Guaranteed thorough by satisfactory



60—R. H.'s Patent Double-Centre Universal Tip Wagon tipping either Endways or Sideways at will



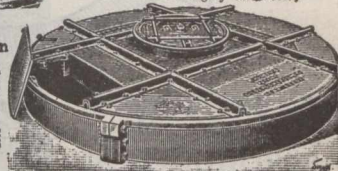
1—R. H.'s Patent Steel End Tip Wagon



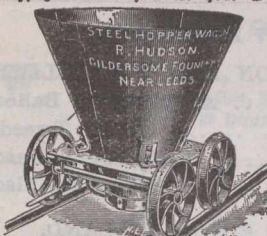
40—Turnout, with Fixed Points



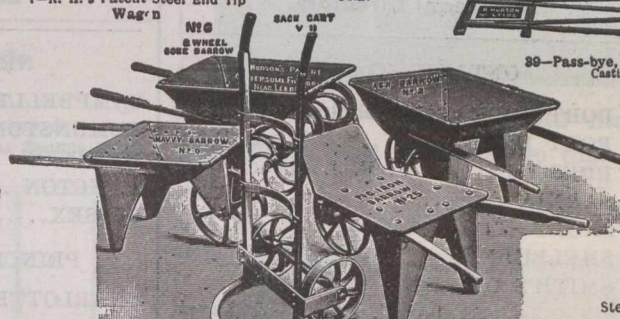
38—Pass-by, with Fixed Points Castings only



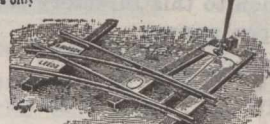
17—R. H.'s Patent Self-contained Ball Bearing Turntable, dispensing with Lubrication and Masonry Foundations



27—Hopper Wagon, with Slide Door



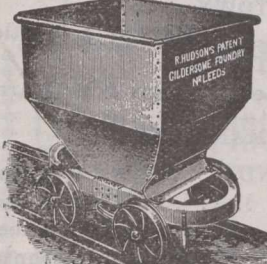
13—R. H.'s Patent Steel Barrows. Practically indestructible



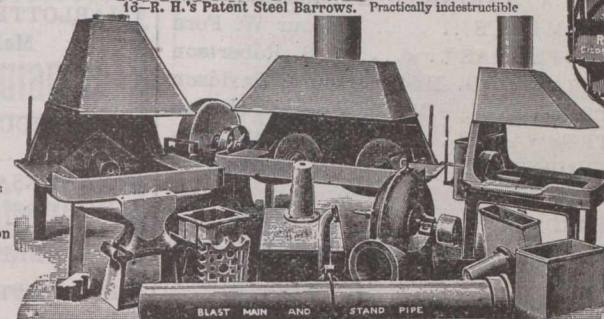
10—Left-hand Steel Points & Crossing



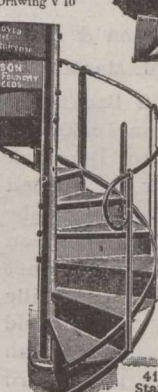
Steamship Barrow. Drawing V 10



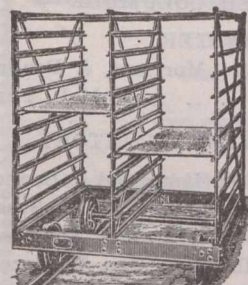
69—R. H.'s Improved Steel Hopper Wagon with Slide Door



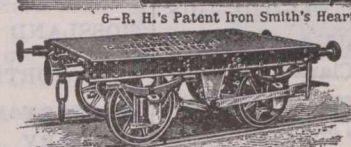
6—R. H.'s Patent Iron Smith's Hearths. No Brickwork required



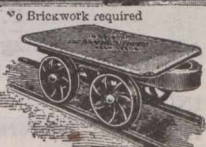
41—R. H.'s Patent Steel Staircases. Extremely light



68—Cake Drying Wagon



56—10-Ton Platform Railway Wagon



58—Steel Plate Bogie



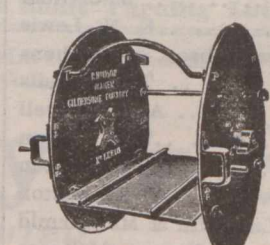
71—R. H.'s Improved Steel Tank Cart. 200 Gallons capacity



51—R. H.'s Patent Steel Cart, with R. H.'s Patent Steel Wheels and R. H.'s Patent Steel Shafts. Practically indestructible.



22—Two Tons Steel Plate Bogie. "Practically indestructible."



78—Tippler for Mining Wagons



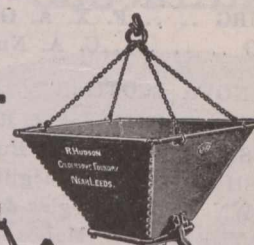
15—R. H.'s Improved Steel Cage, with Safety Grippers and Fallers complete



60—Bogie Wagon, with Swivel Fork for carrying Long Balke



70—Foundry Fettling Box



57—Steel Coal Box with Drop Bottom



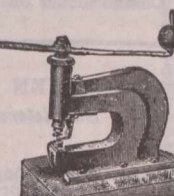
—Self-righting Steel Tip Bucket, tied with Patent Self-acting Catch if casting



61—Rope Bucket, with R. H.'s Patent Catch for Wire Rope Tramways



4—Furnace Coal Wagon



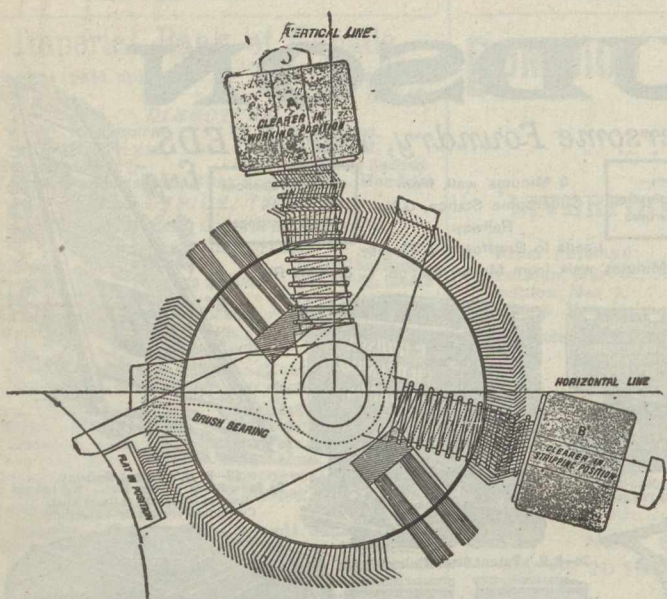
33—Fly Pump



28—Foundry Ladle



62—Mining Fibbie with a cutting wheel in bottom



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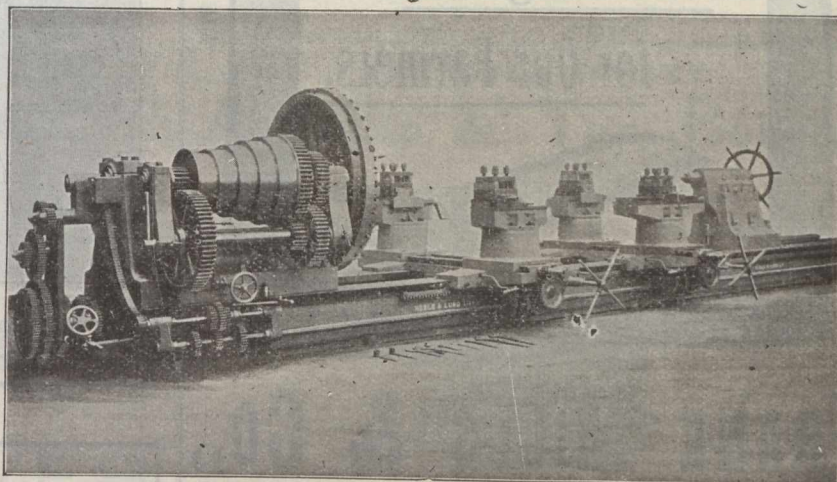
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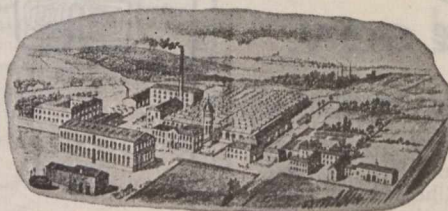
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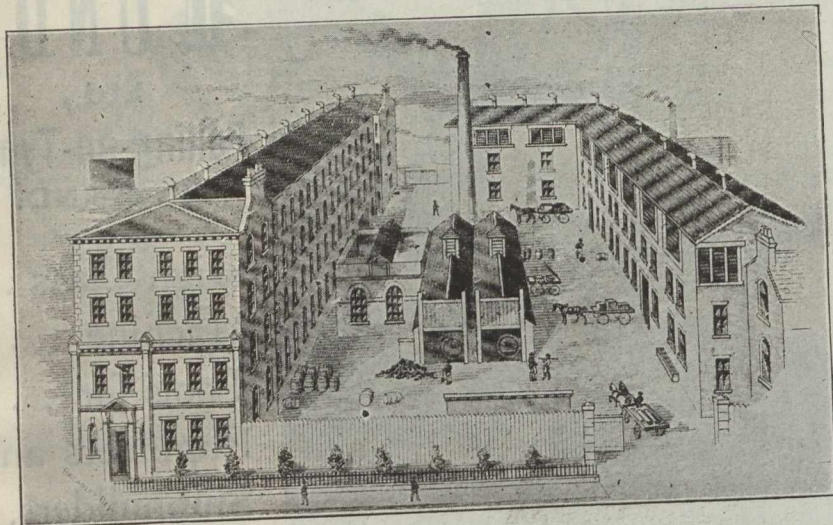
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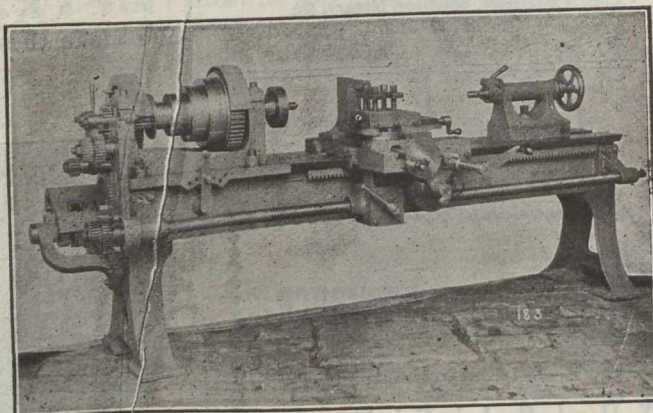
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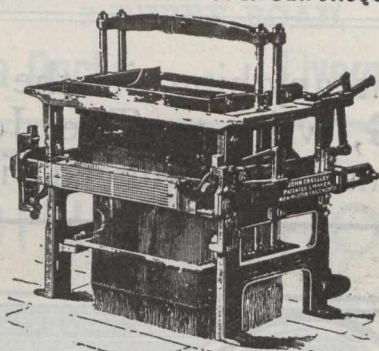
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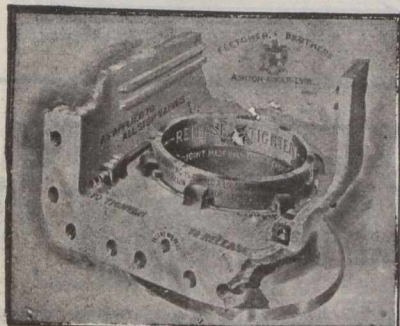
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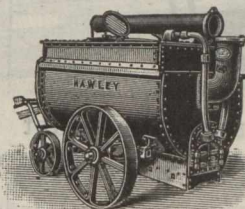
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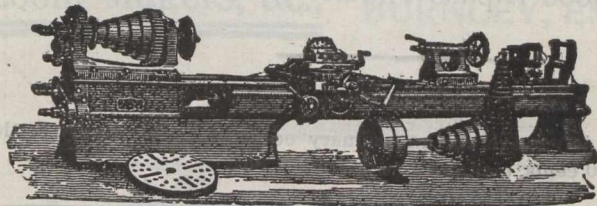
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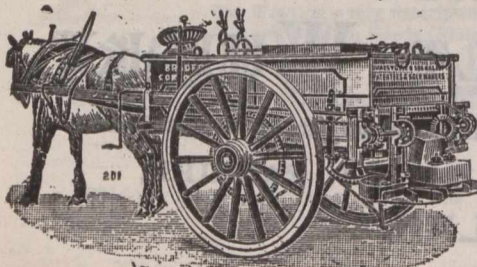
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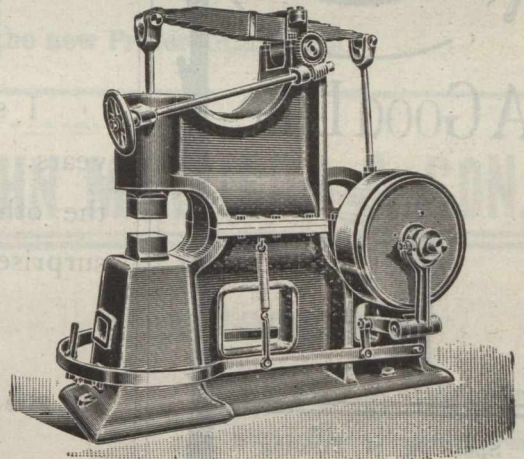
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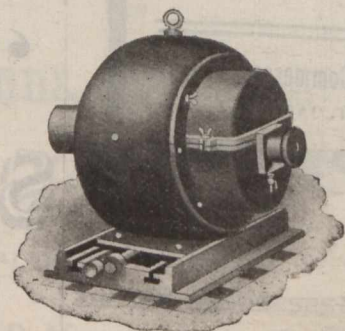
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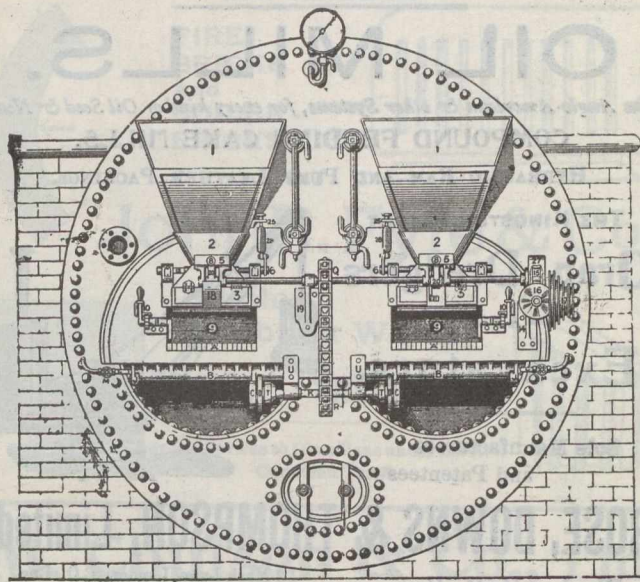
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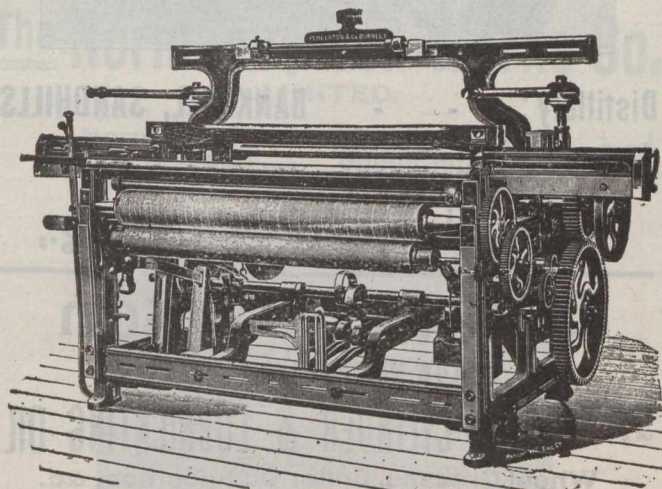
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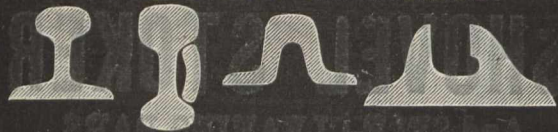
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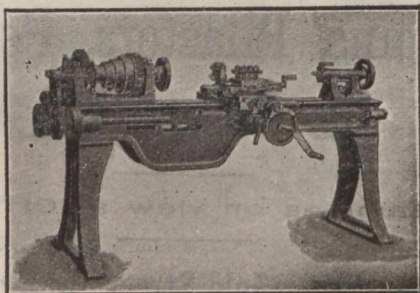
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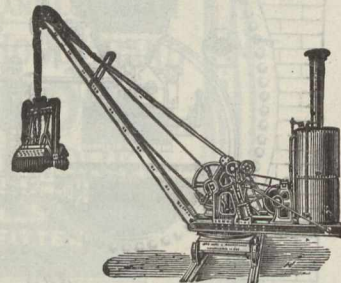
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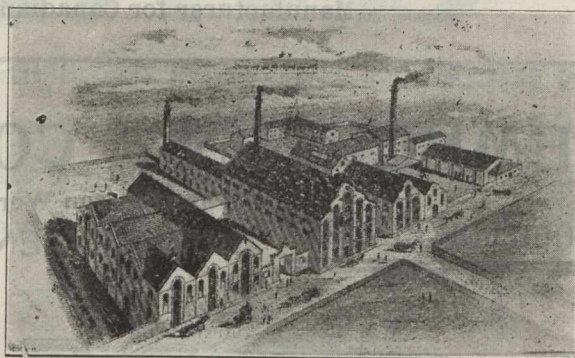
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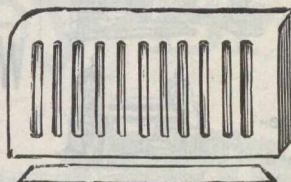
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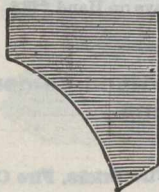
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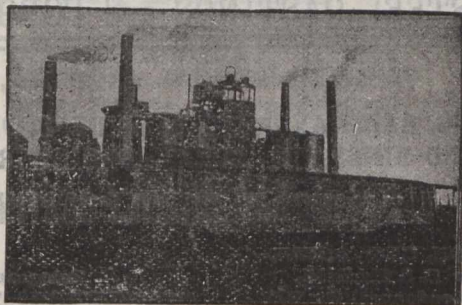
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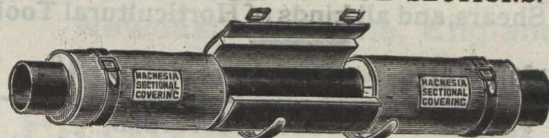
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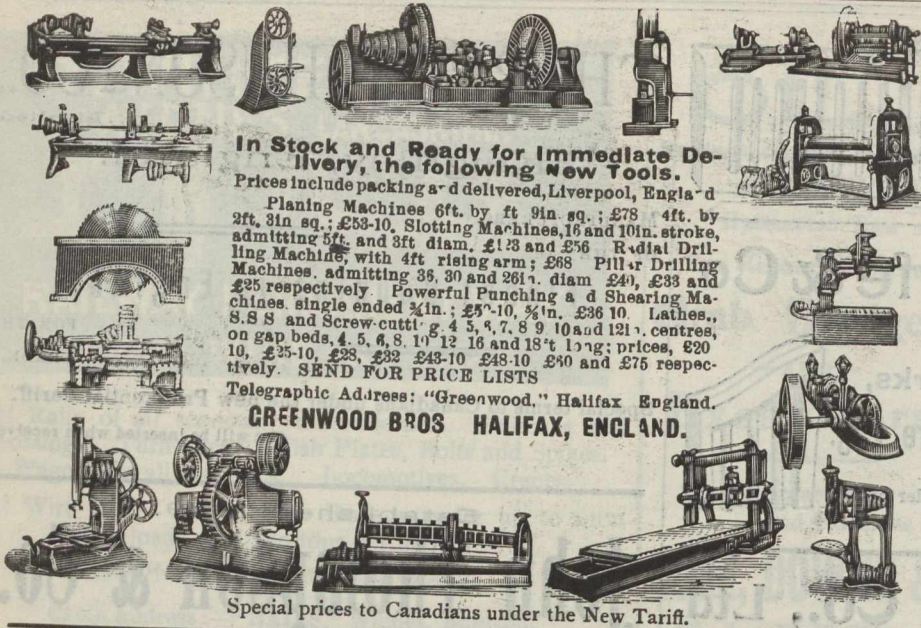
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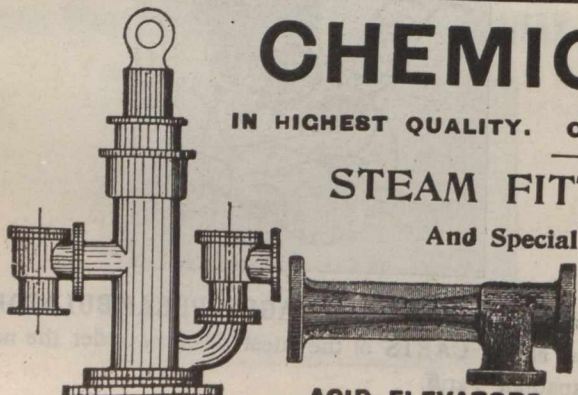
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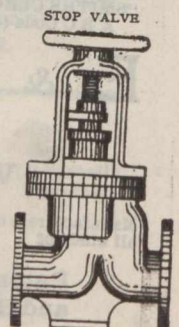
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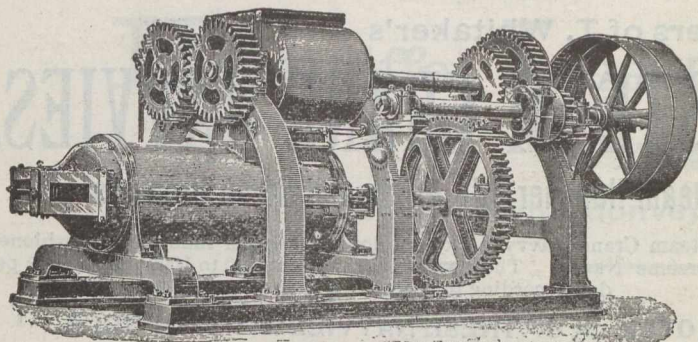
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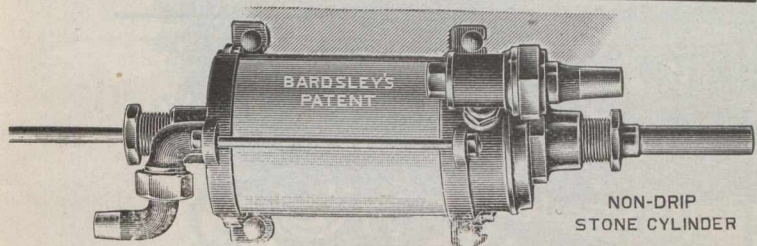
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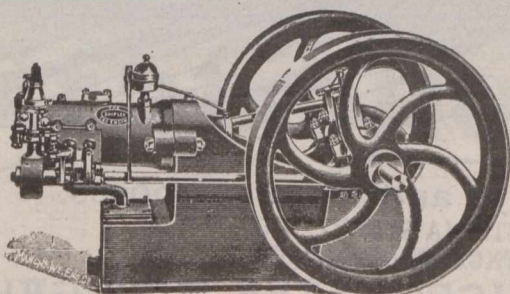
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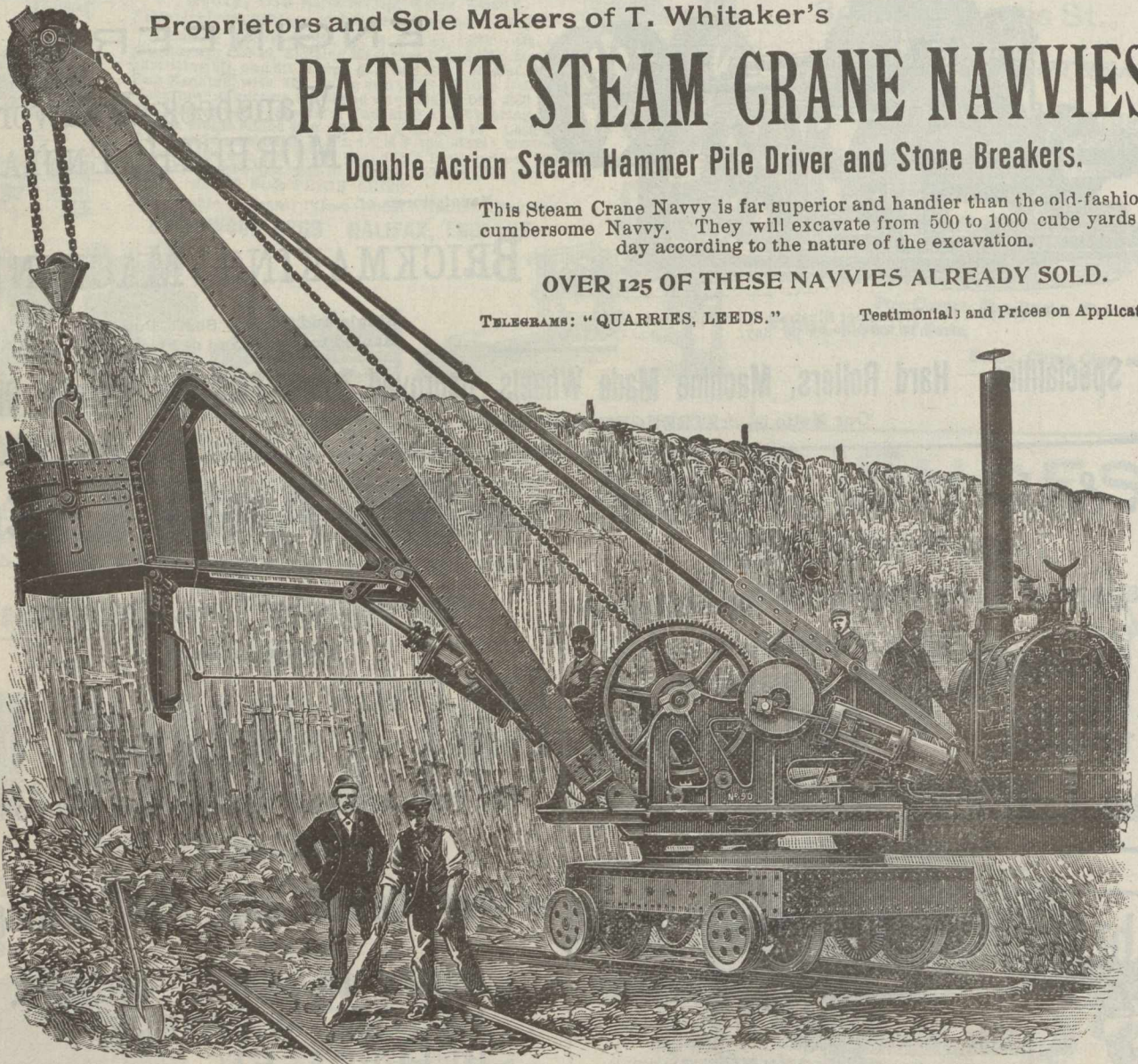
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DEAR SIRS,

RUSKINGTON, NR. SLEAFORD, AND 50 PARLIAMENT STREET, WESTMINSTER, FEBRUARY 19, 1900.

We have great pleasure in stating that the last 10-ton Navvy we purchased from you gave us entire satisfaction, both as to quality of Workmanship in the Machine and also as to cost of removing excavation.

We consider your latest Navvy a splendid Machine, especially as it is so readily converted into a Crane, which we found most useful on the above Contract in fixing some large Bases.

Messrs. Whitaker Brothers, Ltd., Contractors, Horsforth, Nr. Leeds.

Yours truly,

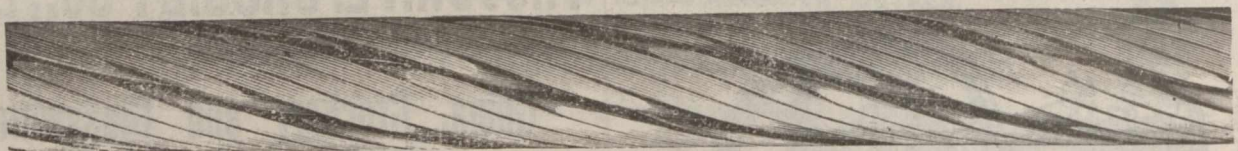
W. PATTINSON & SONS.

# R. S. NEWALL & SON, LIMITED.

(Founded by R. S. NEWALL, Original Patentee.)

## WIRE ROPE WORKS, Washington, Co. Durham, = = England.

Contractors to H.M. Government.



Makers of all descriptions of

Wire Ropes for Mines. Tramways and other purposes.

LONDON OFFICE—11, QUEEN VICTORIA STREET. E. C.  
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Sole Makers of... **NEWALL'S PATENT MICROMETER WIRE GAUGE.**

**Brass Founders, Coppersmiths,  
Brass Finishers.**

**Hartcliffe, Lee & Malkin, Ltd.,**  
CHAIN MAKERS,  
For Driving, Conveying, Elevating, &c.

St. Simon St., SALFORD,  
MANCHESTER, Eng.

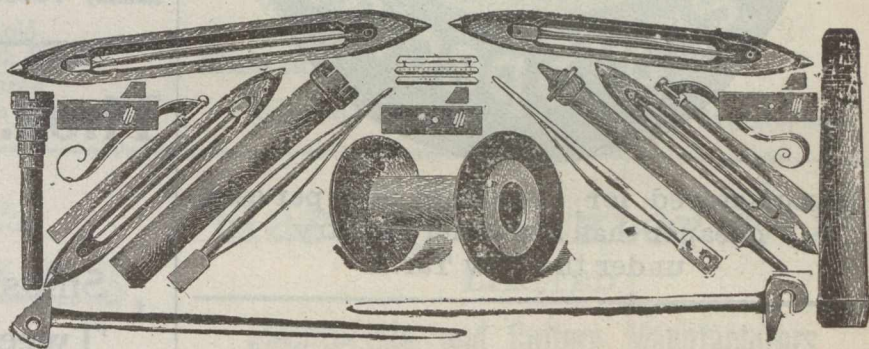
Special quotations under the New  
Preferential Tariff.

**KIRK & CO.,**

SHUTTLE  
And Bobbin Makers and General  
MILL FURNISHERS.

**SPECIALITIES.**

SHUTTLES, Shuttle Pegs  
Oak-tanned Picking Bands.  
Buffalo and Leather Fickers.  
Leather Bumpers, Strapping,  
etc.



Cob Wall Works,  
BLACKBURN, Eng.

Special Rates to Canadians under the New Preferential Tariff.

**Emery, Roller & Strickle  
Manufacturer.**

MILKSTONE EMERY ROLLERWORKS. ROCHDALE, ENGLAND.

Improved ROLLER GRINDING FRAMES of all descriptions.

ROLLERS RE-COVERED with COMPOSITION and EMERY manufactured  
on an Improved Principle by our own Patent Machinery.

The Emery is very angular and requires only a light touch on the Card and is guaranteed true, being especially adapted for tempered Steel Cards.

EMERY FILLETING. WOOD and IMPROVED FLEXIBLE CLOTH STRICKLES made to Order, any size or shape.

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Good, Straightforward Stationery  
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Mail Orders receive our best attention



Manufactured for Canadians 33 1/3 per cent. cheaper than any other country, under the New Tariff.

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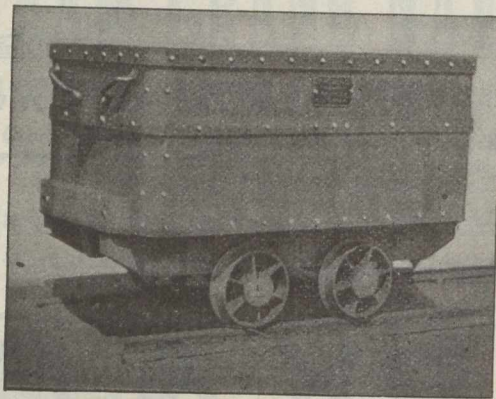
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Iron Founders and Iron Merchants, Truck,  
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Manufacturers of Forgings & Malleable Iron Work of every description, Shovels, Nails, Chain, &c. Crucible Cast Steel Wheels & Carriages of every Pattern. Sole Manufacturers of Bailey's Patent Dead Lock-Fastening for Wheels & Axles. Pit Headsteads, Pulley Frames, &c., erected in either Wrought or Cast Iron or Wood. Steel Pit Cages, Screens for Separating Coal, and Creepers Cage Shoes, Coal Screens & Screen Bars, Axles, &c.

Endless Belts for Cleaning Coal. Also Patent Revolving Ramsay Patent Coal Washing Machines and Patent Coal Wedge.

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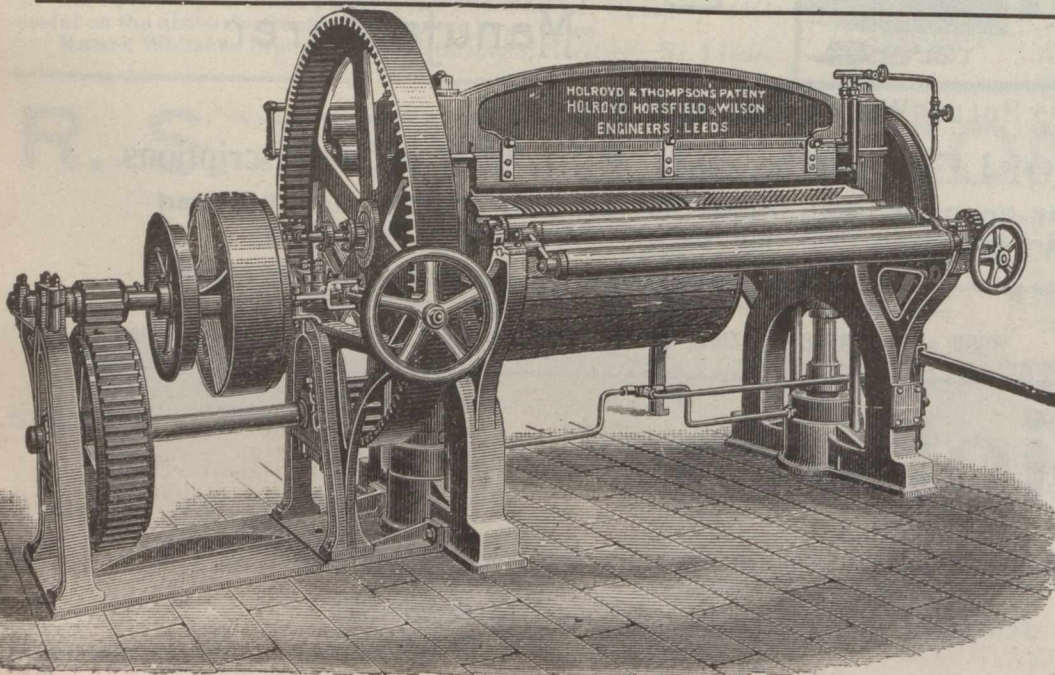
**Ships' Ventilators, Coamings, 'Tween-Deck Tubes, Signal Lamps, Smith Work, &c. . . .**

**ENGINEERS' TOOLS, SPADES AND SHOVELS.**

23 to 29 Side Newcastle-on-Tyne, England.

Telegrams: Procurator, Newcastle.

Works: GATESHEAD, ENGLAND.



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**PATENT CLOTH PRESSING MACHINE**

Cylindrical. Continuous. Hydraulic.

MAKERS:

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NOTE.—"Buy British Machines, 33 1/4 per cent. in favor of British manufactures under the new preferential tariff with Canada."

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Telegraphic Address:  
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Aniline Color Manufacturers,  
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Latest Makers of Pure  
Picric Acid and Pic-  
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Chrysoidine  
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Magenta (Acid)  
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Acid Red  
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And at 27 Milton Street,  
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### Soft, Stiff and Flexible Fur Felt Hats.

Specialities in EXTRA LIGHT HATS for the Colonial Markets.

Special attention paid to Packing of Goods for Export.

Made for the Canadian trade under the New Prefer-  
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Manufacturer of all kinds of  
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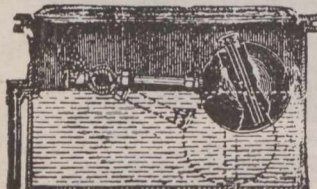
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### Syphon Box or Steam Trap

Over 50,000 have been sold.



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Electro-Plate and Cutlery Manufacturers.



C 118—Xylonite, Silver Ferrule, 28s. 6d.; Ivory, Silver Ferrule, 36s. 6d. doz



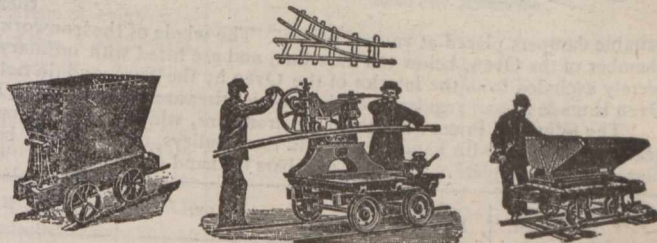
C 119—Pearl, 36s. doz.

Tenter Street, . . SHEFFIELD, England

## Charles Wood, Limited,

Tees Railway and . .  
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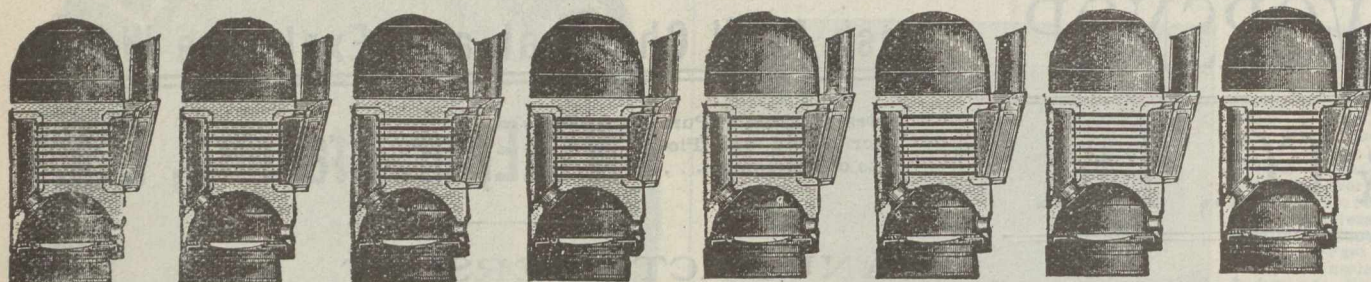
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# COCHRAN VERTICAL MULTITUBULAR BOILERS

For Every Purpose.

Our Speciality—IMMEDIATE DELIVERY FROM STOCK.



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Special Prices to Canadians under the new Canadian Tariff.

Contractors to  
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YACHT FITTINGS A SPECIALITY

# JOSEPH W<sup>M</sup> RUSSELL & CO.

PROGRESSIVE WORKS  
CHARLES ST.  
ST. ROLLOX  
GLASGOW SCOTLAND

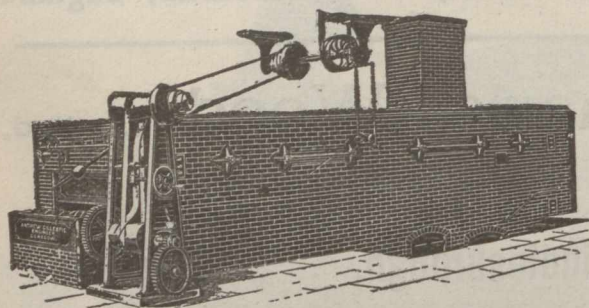
BRASSFOUNDERS  
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FITTINGS  
SANITARY  
OF WORK  
ALL KINDS

## ANDREW GILLESPIE & SONS, ENGINEERS

PATENT TRAVELLING CHAIN OVEN Complete with Conical Driving and Striking Gear.



THIS is the best class of Oven for baking all kinds of fancy, hard and soft biscuits. A prepared channel, consisting of iron guides or rails, serves to conduct the four endless chains which travel through a long, heated chamber; the rails are borne on cast-iron bearers, while the cross-bearers are connected with the principal framework of the Oven.

The pans and trays are laid out upon these chains at the feeding end, the biscuits being placed upon them as they arrive from the cutting-machine are baked when they reach the other end. The time required for this operation varies from three to twenty minutes, according to the class of biscuits required. The speed of the chains may be regulated with the greatest accuracy, as by simply turning a hand-wheel connected with a specially-designed conical driving gear, the motion of the whole can easily be altered, even to the fraction of a minute.

The heat from the furnaces is transmitted to the baking chamber through a most perfect system of flues; these are covered with specially-prepared fire-clay tiles. Any change of temperature may be obtained in the chamber by means of

suitable dampers placed at various points. The whole of the ironwork is built in with brickwork; the fires or furnaces are situated under the main chamber of the Oven, below the floor line, and are fitted with ordinary furnace and register doors; the smoke and flame from the furnaces are completely excluded from the interior of the Oven by the flues, and do not come in contact with the biscuits; ordinary small coal may be used. This Oven is made in four regular sizes, but special sizes are made to order, if required.

The following Prices include all the ironwork, which is very heavy and substantial: steel sheets in the cover flues, conical driving and striking gear, countershaft with hangers, fast and loose pulleys, cone pulleys, belt-shifting attachments, best double-link steel chain, best quality fire-clay tiles, &c., all complete. Furnaces and bars for hand stoking.

No.	Length over all.		Width of Baking Space.		PR.CE.	Extreme Measurements.			Approximative Weight including Tiles.	Telegraphic Code Words.
	Ft.	Ins.	Ft.	Ins.		Ft.	Ins.	high.		
1	24	4	9			24 long,	10 3 wide,	8 6 high.	204	Alliance Allied Alligate Allow
2	30	4	9			30 "	10 3 "	8 6 "	232	
3	36	4	9			36 "	10 3 "	8 6 "	240	
4	40	4	9			40 "	10 3 "	8 6 "	252	
5	44	4	9							
	50	4	9							

SMITH STREET, KINNING PARK, GLASGOW, SCOTLAND.

Special prices to Canadians under New Tariff.

CONTRACTORS TO HER MAJESTY'S GOVERNMENT  
 BY ROYAL LETTERS PATENT

**NO PAINT, NO PUTTY,**  
**IMPERISHABLE WATER-TIGHT**

THE ONLY DUST-PROOF SYSTEM  
**HEYWOODS**

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TELEGRAPHIC ADDRESS: "GLAZING" HUDDERSFIELD.  
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GLASS GLASS  
 LEAD BAR  
 SMALL FULL-SIZE Steel  
 BAR SECTION Galvanized.  
 a-Asbestos Packing

COMBINATION SYSTEM  
 No OUTSIDE FASTENINGS to break off

ADOPTED BY ALL the LEADING ARCHITECTS & ENGINEERS THROUGHOUT THE BRITISH ISLES.

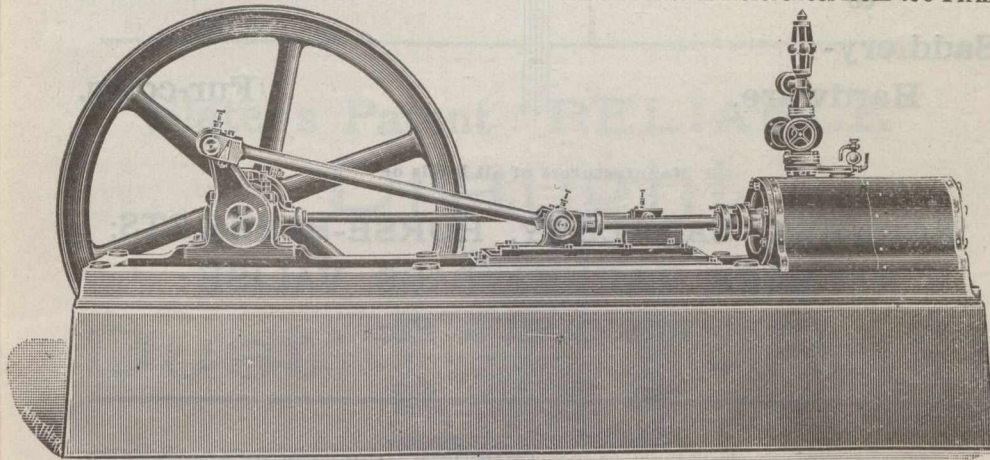
W.H. HEYWOOD & CO. Glazing & Roofing Engineers, HUDDERSFIELD, ENGLAND.

Telegraphic Address: "CLABOUR," Guiseley, Eng. Nat. Tel. No. 7, Guiseley, Eng.

**Improved Horizontal Engines.**

Gold Medal Awarded. Over 500 Repeat Orders Received.

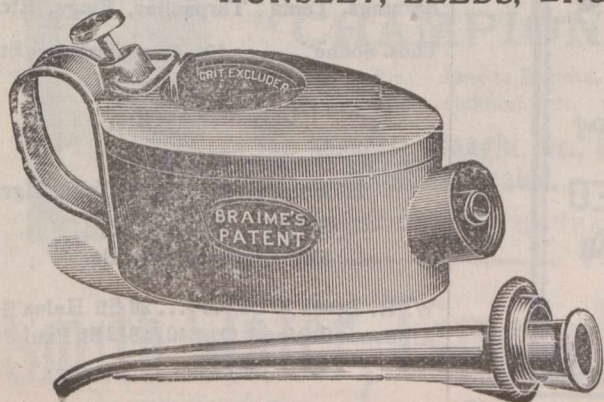
Stock sizes 2 to 30 H. P. in Progress. Send for List of References from 200 Firms



**J. B. CLABOUR, Engine Works, GUISELEY. Near LEEDS, ENGLAND.**  
 Shippers and Merchants Supplied Best Value in the Trade.

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Manufacturers of every description of OIL CANS, OIL FEEDERS for all purposes, in Seamless Steel, Copper, Brass, largest makers in the U. K. Shippers to all parts of the world. Sole Contractors for PATENT STEEL OIL CAN to the Admiralty, from 1893 to 1902 inclusive. Over 100,000 Steel Oil Feeders and Lamps supplied to this dept. alone. Special terms to Canadian buyers. Illustrated Price Lists on application.



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**D. MORRIGE, SONS & CO.**

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Manufacturers' Agents and General Merchants,

The Canadian Colored Cotton Mills Co.,  
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MILLS AT

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Shirtings, Ginghams, Ticks, Cottonades, Oxfords,  
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Mills at Paris, Thorold, Port Dover, Coaticook.  
Ladies' and Gent's Wool and Cotton Underwear,  
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PETERBOROUGH.

Tweeds, Beavers, etc.

WHOLESALE TRADE ONLY.

See our

**LOOSE  
LEAF  
LEDGER,** (Miller Patent.)

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**Binders & Sheet Holders,**

For Duplicate Invoices,  
Orders, Way Bills, etc.

Before ordering elsewhere.

**WE MANUFACTURE.**

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1765 & 1767 Notre Dame St., Montreal.

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An Asbestos Mine. Address with  
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Rochdale,  
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Leading Manufacturers, & Co.

**JAMES A. CANTLIE,**

NEW OFFICE:

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Same Telephone  
**No. 341 MAIN.**

Kindly Alter my Address in the Telephone  
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**CAMPBELL'S  
QUININE WINE.**

It will tone up your  
system, and restore  
the appetite.

*The best cure for Debility.*

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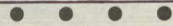
YOU NEED

THIS SPRING.



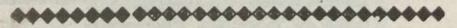
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Telephone, Main 238.*

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186 Sparks St.

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Wholesale Branch at BRANDON, Man.

**Wholesale**

Leather

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Hardware.

**Wholesale**

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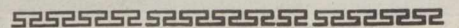
Manufacturers of all kinds of

**HARNESS, SADDLERY, HORSE-BLANKETS:**

**KIT-BAGS, TRUNKS, BAGS, VALISE :**

**MOCCASINS, Etc.**

Special Prices to Canadians under the New Canadian Tariff



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**MERCHANTS AND MANUFACTURERS.**

Awnings, Tents Tarpaulins, Flags, Etc.

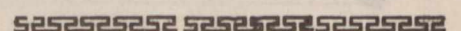
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Carpet Beating.

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Dry Goods, Wholesale.

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**Canadian Colored Cotton Mills Company.**

Cottonades, Tickings, Denims, Awnings, Shirtings, Flannelettes, Gingham, Zephyrs, Skirtings, Dress Goods, Lawns, Cotton Blankets, Angolas, Yarns, &c.

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SOLE REPRESENTATIVE FOR THE PROVINCE OF  
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THE IMPROVED

**Lancashire Steel Potato Peeler.**  
(Also for Apples, Carrots,  
Turnips, Cucumbers, &c.)



Saves 1 lb. of Vegetable in 6 lbs., and Work done  
in a quarter of the time.  
Sole Makers.

**R. E. COLLINGWOOD, - Rochdale, Eng.**  
Special prices to Canadians under the New Tariff.

Telegrams: "UNITY, PADIHAM."

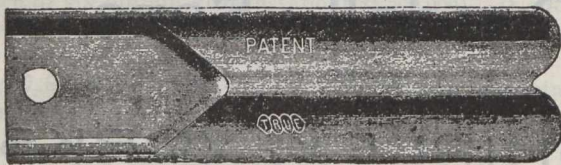
**The Unity Wood & Iron Co.**  
MACHINISTS, IRON and BRASS FOUNDERS,

Patent Temple Makers and Patentees,

**Guy Foundry, Padiham, Lancashire, England.**

We are the oldest Temple Makers in existence, and have taken out more Patents for Temples, and successful Improvements in Temples, than any other Firm.

**PATENT "TRUE" TEMPLE.**  
With Steel Cap and Patent Adjustable Roller Bearers.

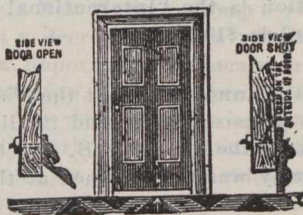


By far the best Roller Temple yet produced, and superseding Ring or Swiss Temples. Thousands are now in use and are giving the greatest satisfaction.

**Station Works, - Padiham, England.**

**Slater's Patent "RELIABLE" Draught**

**Dust & Rain**



**Stopper**

For the Bottom of Doors.

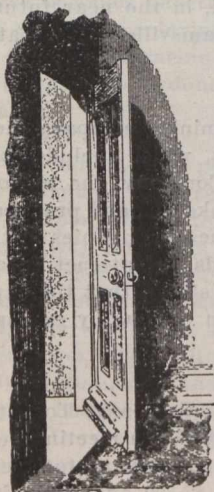
Stock Two sizes, and you can suit ANY WIDTH of Door. Cut in Two Minutes to any length

Also THE CHEAP  
"CHAMPION"

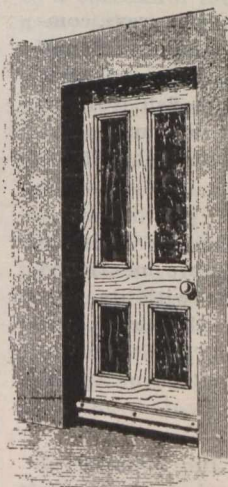
Easy to Fix. Easy to Remove.  
Lowest Price. Quickest Sale.

The Cheapest Draught, &c., Preventer Obtainable.

BEST DISCOUNT TO THE TRADE.



Door with Preventer, OPEN.



Door with Preventer, SHUT.

**Smith Slater, Limited,** Greaves Street, Oldham, Eng.

**Commercial Summary.**

Merchants, Manufacturers and other business men should bear in mind that the "Journal of Commerce" will not accept advertisements through any agents not specially in its employ. Its circulation—extending to all parts of the Dominion—renders it the best advertising medium in Canada—equal to all others combined, while its rates do not include heavy commissions.

—The double-tracking of the Grand Trunk line west of London, Ont., will soon be under way.

—The hull of the wrecked Grecian was sold at auction to C. Brister, of Halifax, for \$7,000. The cargo was purchased for \$700.

—The Tilsonburg, Lake Erie & Pacific Railway Company is applying to Parliament for power to extend the line to the Georgian Bay.

—The C.P.R. will run special colonist excursion trains during March and April to the North-West to afford special facilities to intending colonists.

—Fifty thousand dollars' worth of Yukon gold, consigned to the Bank of British North America arrived at Vancouver, B.C., recently on the steamer Amur, and was handed over to the Dominion Assay Office.

—A daily steamship service between Ottawa and Kingston will be begun in 1903, and a new boat, modelled like the Rideau Queen, is to be built this year by the Rideau Lakes Navigation Company. The vessels will have all modern improvements and will cost about \$35,000.

—Mr. Charles W. de Rekowski, superintendent of the Dresden Sugar Company of Dresden, Ont., offers to erect a factory at London which would employ 300 hands. He will ask for no financial aid, but such civic encouragement as a free site, tax exemption, free water, etc., would be acceptable.

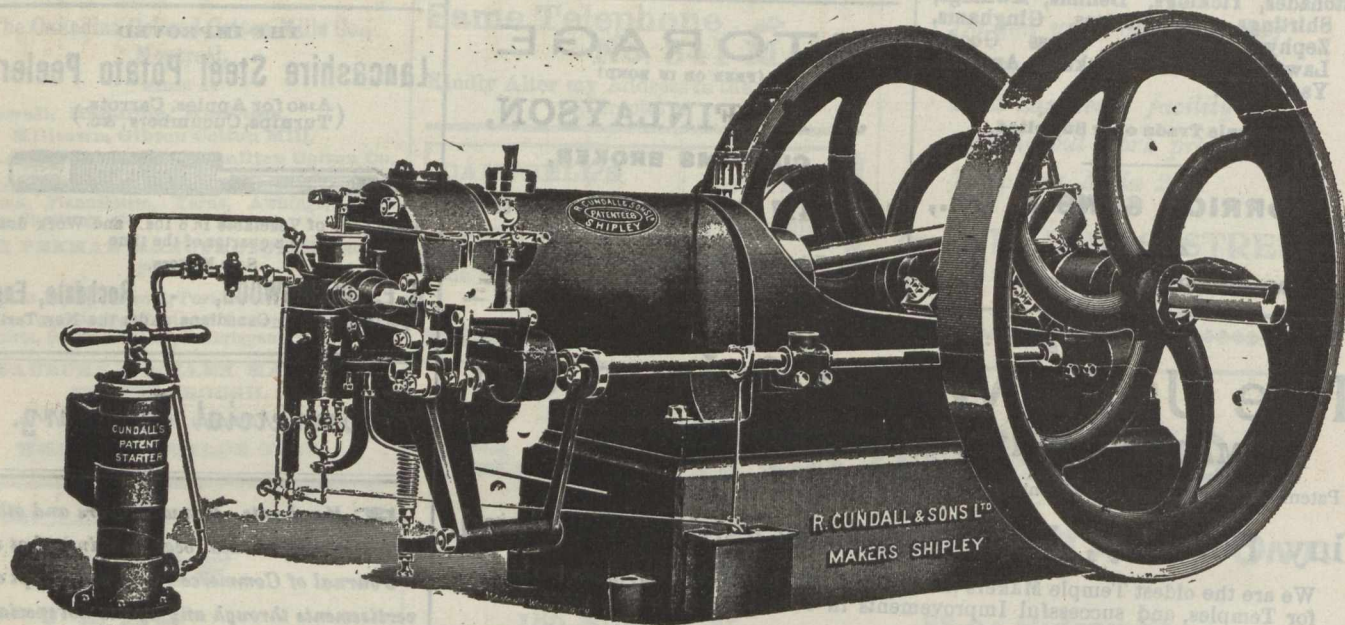
Telegrams: "CUNDALL, Shipley."  
National Telephone, No. 75, Shipley.

Contractors to H. M. Government.

THE "CUNDALL" PATENT

# OIL ENGINES

Are the  
Simplest Engines Running.



Economical, Reliable, Easily Managed and Safe.

Extracts from Letters Received.

"Shall be pleased to show the 20 b. h. p. Oil Engine to any of your clients, and can thoroughly recommend it."

"I have every pleasure in stating that the 2 b. h. p. Oil Engine you supplied me with for Electric-lighting purposes and for Pumping is giving satisfaction. It is doing its work most efficiently."

"You will be glad to know that the 2-Brake Oil Engine which I got some time ago is giving me entire satisfaction. It is running very steadily—so much so that I am able to supply my Electric Light direct, without the slightest waver in the light. It is very easily started. I should say your Engines are as near perfection as possible."

R. Cundall & Sons,

LIMITED.

SHIPLEY, YORKS

ENGLAND.

—A branch of the Bank of Hamilton has been opened at Teeswater, Ont.

—Owing to increasing business, the Montreal offices of the North American Life Assurance Company will remove, about April 20th next, from 180 St. James street, to the Royal Insurance Building, Place d'Armes Square.

—A permit was issued in Chicago last week for the construction of what is planned to be the largest office building in the world. The building is projected by the First National Bank officers and will house, when completed, 9,000 people. The building will stand at Dearborn and Monroe streets and will cost \$3,000,000. Work will be begun in the spring.

—Vancouver, B.C., advices say: The halibut express, comprising nine cars of fresh halibut, one car of Puget Sound salmon, and one car of Squamish Valley hops, has left here for Boston. This is the first through fish train to run from the Pacific to the Atlantic. It will make the same time as the passenger express, and the fish will be landed in Boston on short notice.

—In our notice, in last week's issue, of the new Coristine Block, Montreal, near the Board of Trade, we mentioned the use of Don Valley brick in connection with its construction. We are since informed that the brick was supplied by the Milton Pressed Brick Co., Limited, who were also the suppliers of the brick for the Bellevue Apartment Building, this city.

—A Montreal firm of contractors for the building of the dam of the Sturgeon Falls Pulp Company, has now fifty men at work on the rock-cutting, and this number will be increased as the season advances. By April 1, when work on the walls of the mill will be begun, it is expected there will be between three hundred and four hundred men at work.

—A certificate of consolidation of the Buffalo Railway Co., the Buffalo & Niagara Falls Electric Railway, the Buffalo, Tonawanda & Niagara Falls Electrical Railroad Co., the Niagara Falls & Suspension Bridge Co., the Buffalo & Lockport Railway, the Lockport & Olcott Railway and the Niagara Falls Suspension Bridge Co. was filed recently with the Secretary of State. The name of the new corporation is the "International Railway Company." The capital is \$10,120,500.

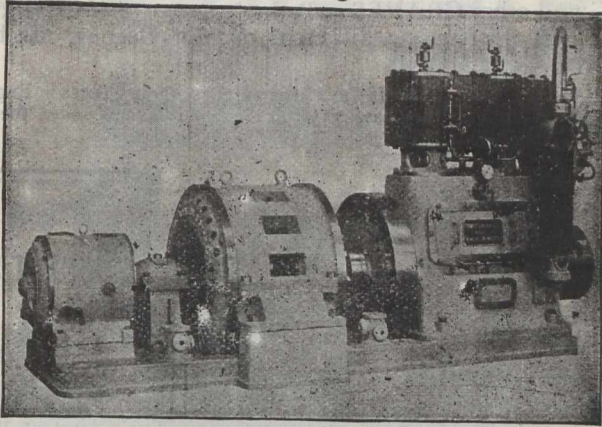
—It is announced that the Niagara Central Railway Company proposes to extend its line to Hamilton. President Miles of the H., G. & B. Electric Railway, said that his company was not alarmed at the prospect of the St. Catharines railway people building a line to Hamilton. The H., G. & B. Company would go ahead, in the near future, with its proposed extension from Beamsville to St. Catharines.

—Plans for one of the greatest coal mining company mergers in the history of the continent, which includes the consolidation of the Pittsburg Coal Company, the Monongahela River Consolidated Coal and Coke Co., and practically all of the competing interests of these companies in the Ohio, West Virginia, and Illinois fields are attracting attention in U.S. financial circles. It is stated that the capitalization of the proposed corporation is roughly estimated at \$250,000,000.

—The creditors of the Electric Cab Company, Toronto, have decided to wind that company up. At a meeting held at the office of the assignee, some days ago, a statement was presented, showing liabilities of \$7,300 and assets of \$12,500. The latter, however, consist mostly of electric cabs. The officers of the company were C. A. Ward, President; A. M. Thompson, Vice-President; and W. S. Jackson, Secretary. The company commenced operations in July last.

Telegrams: "MAGNETO," Bradford.

# ROSLING, APPLEBY & FYNN,



LIMITED.

TRAFALGAR WORKS.

Bradford,  
Yorkshire, England.

—According to the Stockholm, Sweden, Tidningen, the United States Steel Corporation has purchased nearly all the shares of the Gellivare Ore Company, at the nominal price of six million kronen (about \$1,500,000). It adds that the Steel Corporation will take over the working of the North Swedish mines in the autumn. An official of the big U.S. corporation has since denied the correctness of the above.

—The new steamship Kroonland, to ply between New York and Antwerp was launched at Philadelphia recently. She is of the same type as the Vaderland and Zeeland and is a sister ship to the Finland, in course of construction at Cramps. The contract speed is 17 knots an hour and the boat is 560 feet long, 66 feet wide and 42 feet deep. Loaded the craft will have a displacement of 20,000 tons, with accommodations for 300 first cabin, 50 second cabin and 750 steerage passengers. The Kroonland is the largest vessel thus far built in the United States and the third of the quartette of twin screw vessels constructed for the International Navigation Company's New York-Antwerp service.

—Berlin advices state that a decree has been published prohibiting the marketing or importation of meats in the course of slaughter, or preparation of which chemicals injurious to health are used. The decree names boric acid, formaldehyde, hydroxides, and carbonates of alkali, alkaline earths, sulphurous acid, and its salts, hypo-sulphurous acid, salicylic acid, and chloric acid as prejudicial. The decree becomes effective Oct. 1, 1902. The same prohibition applies to coloring matter of all kinds, except yellowing for oleomargarine and tinting for sausage skins, in so far as this can be done without violating the foregoing regulation.

—The bill to incorporate the Petrolea, Ont., Rapid Railway Company was reported by the Railway Committee. The company is chartered to construct and operate an electric railway line from Sarnia to Petrolea, with extensions and branches through Lambton and Kent Counties. It was thought, however, that the bonding privilege, \$20,000 a mile, was too large, as it afforded too much chance for speculation.—The bill to incorporate the Canada Western Railway Company was reported. It authorizes the company to build a steam or electric railway from Fort Francis, via Dryden or Rat Portage, to the western boundary of Ontario, at or near the confluence of the Winnipeg and English rivers.

—Mr. D. R. Young, managing director of the Similkameen Valley Coal Company, of British Columbia is in the east in the interests of the Ashnola Smelter Company, which it is expected will begin operations at Ashnola in

the heart of the Similkameen Valley. As yet there is no railway within 78 miles, but owing to the juxtaposition of coal, lime and metalliferous ores, it will be possible to put in a smelter before the railway comes in. The ores will be brought to the smelter from the surrounding mountains by wire tramways. The Similkameen Valley will be opened by the extension of the Crow's Nest Pass Railway to the coast, when it is expected to become one of the greatest fruit sections in Canada.

—The wholesale millinery firm of J. M. Hamilton & Sons, Toronto, has assigned. A fire which almost completely gutted the establishment some months ago is given as one reason for the failure. At that fire stock to the value of \$35,000 was destroyed, while the insurance amounted to only \$25,000. It is understood however, that the Ontario Bank holds these policies as securities for advances made. No statement of affairs has been prepared by the assignee, but the creditors are mostly old country firms. The fire losses have not yet been adjusted by the insurance companies. Mr. J. M. Hamilton was formerly a manufacturers' agent in Toronto, representing a number of old country houses, and three years ago he started in the wholesale line, being associated with his two sons.

—Consolidations continue to expand. A New York report of recent date says: If the negotiations now under way for a consolidation of edged tool companies is carried to a successful termination the new corporation will have a capital of about \$25,000,000. Promoters of the new enterprise say that it is planned to extend the export business in every foreign country. Among the concerns that are counted upon to figure in the deal are the Fayet P. Plum Company of Philadelphia; the American Axe & Tool Company, with factories in Pittsburg, Beaver Falls and Lewiston, Pa., and Jamestown, N.Y.; the Kelly Axe Manufacturing Company at Alexandria, Ind.; the Warren Axe & Tool Company, Warren, Pa.; the United States Edged Tool Company, Cataraugus, N.Y.; the Standard Axe Company, Pa.; the Mann Edged Tool Company, Lewiston, Pa.; James H. Mann & Co., New York; Romer Axe Company, Dunkirk, N. Y., as well as a few other important concerns. Options on a number of these companies, according to persons interested, have already been secured.

—The new lines to be built by the Canadian Pacific in Manitoba and adjacent territory this summer aggregate 200 miles, as follows:—From a point between Elkhorn and Moosomin, running in a northwesterly direction and crossing the Qu'Appelle River at Scissors Creek, to Pheasant Hill, a distance of from 90 to 100 miles. This road will offer the necessary facilities for the settlers north of the

**JOHN BARKER & SONS, Limited.** PARK STREET IRON WORKS, OLDHAM, ENGLAND.

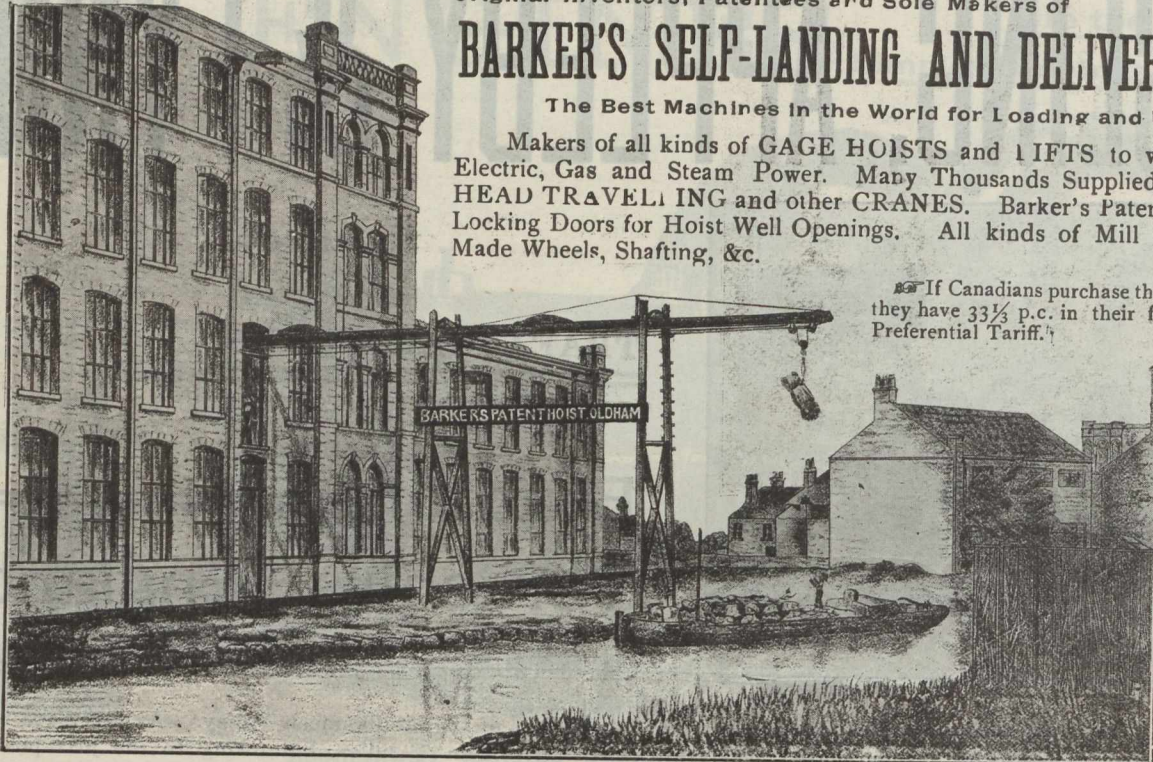
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**Barker's Patent Hoist.**

70 ft. long, 30 ft. high. Winds one Bale per Minute.

**OVER 2,000 AT WORK.**

Qu'Appelle River to reach the railway, which has always been a great source of trouble in the past, owing to the necessity for crossing the river. The road from Wascado to Lytleton, which has already been graded, will be laid with rails this summer. The distance is 21 miles. The road from Snowflake to Mowbray, a distance of twelve miles, will also be ironed in the spring. A line will be constructed from Forest to Lemore, through the Municipalities of Daly and Woodworth, a distance of 42 miles. Ten miles of a road has been graded from Wellwood to Brookdale, and this road may be extended to Forest, the whole being a distance of about 32 miles. Rails will be laid on the road graded from Selkirk to Winnipeg Beach as soon as the season for this work opens.

The annual meeting of the Richelieu and Ontario Navigation Company, held recently proved an interesting session. Measures were taken in regard to large expenditures in improving the line. The consent of the shareholders was obtained for the issuance of new stock to the amount of \$626,400, making one new share for four of the now existing stock. This stock, which will be issued to the old shareholders at par, will be utilized as follows: Payment for new steamer Montreal, \$412,000; for furnishing steamer Montreal, \$113,000; two wharves at Quebec, \$60,000; and for pontoons, etc., for Quebec, \$15,000; improvements upon the company's new hotel, the Manoir Richelieu, \$26,400. Senator Forget explained that these improvements at Quebec had been found necessary in order to accommodate steamers of the size of the Montreal, now being built at Toronto. The following directors were elected: Senator Forget, R. Forget W. Wainwright, F. C.

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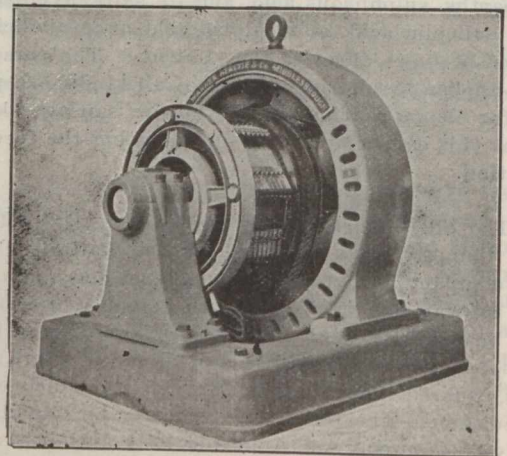
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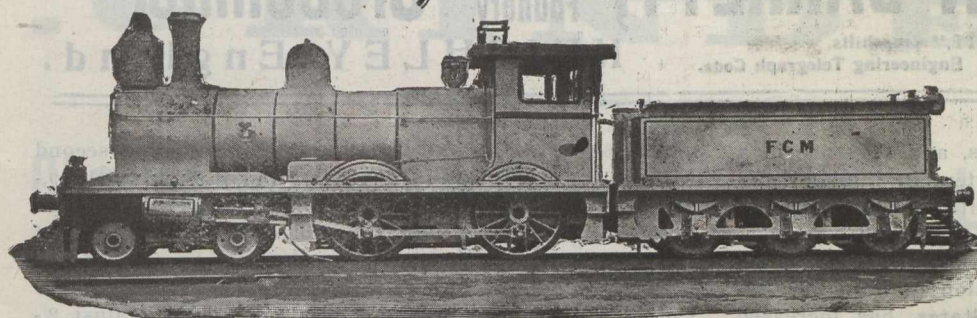


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Henshaw, George Caverhill, E. B. Garneau, C. Paradis, J. Kerr Osborne, H. M. Pellatt, H. Markland Molson and Wm. Hanson.

—The widely-circulated reports of the Wolvin elevator plans at Montreal and Quebec appear to have been more than a little way off the correct track. The Iron Age says: "Publication has been made of the fact that A. B. Wolvin, head of the Steel Corporation's lake fleet, was at the head of a company to operate on the lakes and to Quebec for the foreign trade, and that the concern proposes to have 20 or more ships on the lakes, some of which would be built this year. The fleet which will be called

the Great Lakes & St. Lawrence Transportation Company, is generally supposed to be intended, primarily, for the moving of export grain and grain products. In point of fact, it is nothing of the sort, but is in its essence a plan for the facilitation of the export trade in steel and steel products, and the main business of the fleet will not be from Duluth, but from lower Lake Michigan and Lake Erie ports to the Atlantic. As such the new fleet will do to watch as a matter of importance to the United States steel trade. It will be 1903, at least, before it becomes a factory of importance in the export trade, either for grain or steel.

—Co-operative dairies in Denmark have been in existence twenty years. There are now over a thousand of them, with the average number of shareholders of 146 and an average number of cows of 832. As this is an average of less than six cows to the farmer, it is evident that the system accomplishes its purpose of giving the smallest cultivators of the soil the advantages of scientific manufacture of butter and cheese and facilities for export which the great landlords already enjoyed. Nowhere else has scientific dairying been carried to the perfection it has attained in Denmark, and one result of this is that the quantity of butter exported in 1900 was eight times as great as the amount exported ten or eleven years earlier. The dairies make more butter from a given quantity of milk than the individual farmer can get; they are able to employ the

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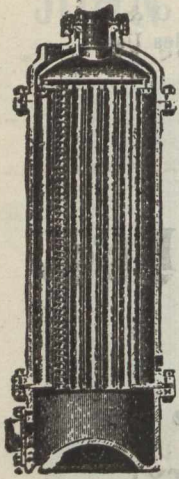
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most perfect methods and appliances, and they are in a position to deal directly with importers in England and other countries. They have been, until last year, driving other imported butter out of England and English farmers complain that they cannot get so good a price as is paid for imported butter. The importation of bran and oil-cake, mostly from the United States, has increased greatly.

—The extent of Russia's foreign trade for the first nine months of 1901 has been made public. Her exports were valued at 528,249,000 rubles (\$272,048,235) and her imports at 399,139,000 rubles (\$205,556,585), or a total of 927,380,000 rubles (\$477,600,700), showing an increase of 129,118,000 rubles (\$66,495,770), as compared with the same period of the previous year. The exports were valued as follows: Food-stuffs, 309,234,000 rubles (159,255,510); raw and partially manufactured materials, 188,787,000 rubles (\$97,225,305); animals, 13,483,000 rubles (\$6,920,570); manufactured goods, 16,790,000 rubles (\$8,646,850); food stuffs, 61,525,000 rubles (\$31,685,375); raw and partially manufactured materials, 213,867,000 rubles (\$110,141,505); live stock, 1,140,000 rubles (\$587,100); fabricated goods, 122,599,000 rubles (\$63,138,485). German imports were valued at 155,878,000 rubles (\$80,277,170); English, at 81,158,000 rubles (\$41,796,370); and French, at 19,377,000 rubles (\$9,979,155). For Russia's exports Germany is still the largest market, taking goods to the value

of 135,968,000 rubles (\$70,023,520), England coming second with 110,863,000 rubles (\$57,094,445), and Holland with 59,634,000 rubles (\$30,711,510). Imports from the United States were valued at 25,828,000 rubles (\$13,301,420), against 33,534,000 rubles (\$17,270,010) for the same period of the previous year, and the value of Russia's exports to the United States was 2,813,000 rubles (\$1,448,695), against 2,770,000 rubles (\$1,426,550), for the same period of the previous year.

—A petition has been presented on behalf of the Canadian Pacific Railway, asking for an omnibus bill conveying authority to own, hold, lease and operate lands and other property outside the Dominion of Canada; to amend its charter so far as relates to the qualification, status, powers, and election of its directors; to issue a further amount of consolidated debenture stock for the purpose of aiding in the acquisition of steam vessels; to increase and extend its powers in dealing with its landed, mineral, timber hotel and other properties; to construct, acquire and operate other hotels and places of public entertainment; to manufacture, acquire and use electricity for motor and other purposes, and to dispose of surplus electricity; to improve its landed properties by means of irrigation and otherwise; to establish parks and pleasure grounds on its lands; to aid and facilitate in such manner as may be deemed advisable the actual settlement of the

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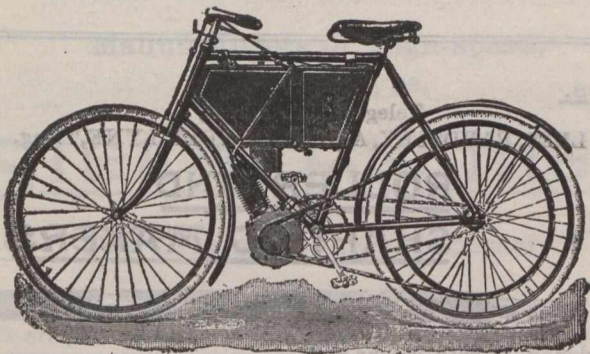
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lands of the company, and to assist settlers upon such lands, and generally for securing to the company in connection with its lands the powers of an irrigation and land company. The company furthermore wishes for an extension of time for the construction and completion of the proposed line from New Westminster to Vancouver, and power to construct or acquire a railway from Piles Junction, on the North Shore Railway, or from a point on the Piles branch of that railway, in a northwesterly direction to Shawinigan Falls, thence northeasterly to Grandmere, a distance of about forty-four miles.

—In the Ontario Legislature the Attorney-General announced that the electric railway problem would be treated during the present session. He would not commit the Government to it, but gave it as his own opinion that

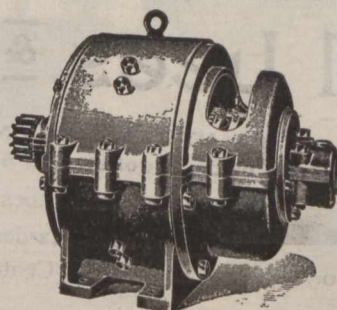
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there should be a tribunal analogous in functions to the Railway Committee of the Privy Council. It was pointed out that in the near future the province would be covered with a network of electric railway lines, and controversies would arise between the different railway companies, and also between electric railways on the one hand and municipalities on the other. It was impossible to law down any general law that would meet every case. That had been found impossible in connection with larger railways. In his opinion it would be necessary to constitute some sort of tribunal which would perform the same functions with reference to provincial electric railways as were now performed by the Railway Committee of the Privy Council at Ottawa. He hoped they would be able to introduce a bill this session to provide machinery such as he thought should be provided and laying down general principles affecting railways, which should not only apply to all new railways, but to the legislation of this session.

The Attorney-General's remarks were called forth by the second reading of the bill providing that any electric railway connecting any city, town, or village, with any other city town or village, should have connection with and running rights over railways existing in the terminal municipalities, upon properly compensating the existing companies for these privileges. The bill was sent to the Railway Committee.

—The annual report of the Department of the Interior has been brought down. The total revenue of the department for the fiscal year ending June 30 amounted to \$1,990,070, a net increase of \$209,308 over the preceding year. The increase under the heading of Dominion lands was \$370,416. This includes the revenue from the officials of the department in the Yukon Territory, but as the increase from this latter source was only \$105,103, it leaves a net increase of \$265,313 in the revenue on account of Dominion

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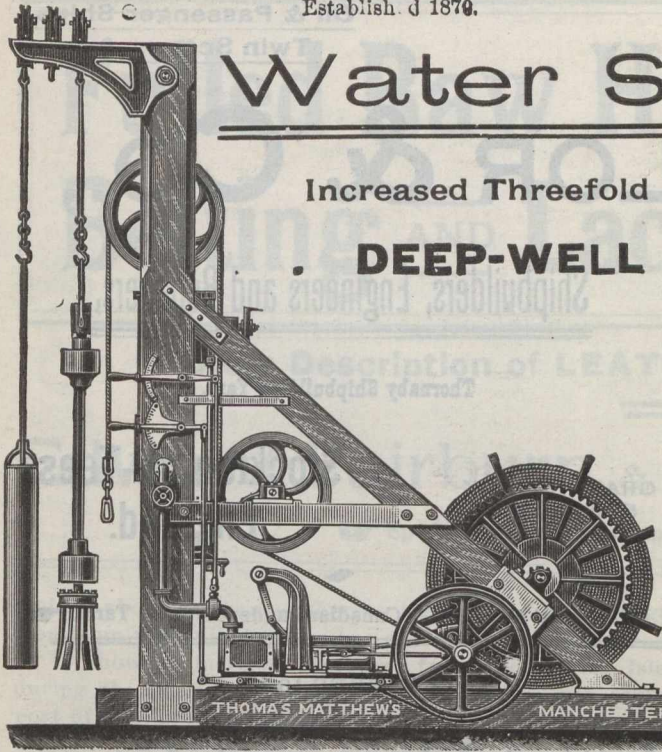
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Pendleton, Manchester, England.

Special terms to Canadians under the New Preferential Tariff.

lands in Manitoba, and the Northwest Territories and within the railway belt of British Columbia. Since the establishment of the government of the Yukon Territory in 1894 the excess of revenue over expenditure in connection with the administration of the district has been \$757,795, including all sums charged to capital account, the surplus exclusive of these sums being \$1,804,333. In so far as the Department of the Interior is concerned, the surplus revenue over expenditure since 1894 has been \$3,613,430, which is a very satisfactory showing, considering that the bulk of the work connected with the administration of the district is under the management of this department. The total acreage disposed of by railway companies is not quite as large as for the previous year, but the combined area of lands sold by the department and companies amounted this year to 712,566 acres, as against 699,179 acres in 1890, showing an increase of 13,388 in favor of 1901. The number of homestead entries granted during the past year, 8,167, was 741 in excess of the previous year, and was the largest ever granted in the history of the department. During the last five years there were 29,514 entries made as compared with 16,367 for the preceding five years, or an increase of 13,147. During the four years preceding 1896 the average falling off in num-

ber of entries from year to year was at the rate of 20 per cent., and during the five years following 1896 the increase in the number of entries granted for each year over the preceding one has been at the rate of 29 per cent. so that there is a difference of 49 per cent. in favor of the latter period as compared with the preceding four years.

—That the Chinese will soon abound on the American Continent is shown by the efforts now being brought to bear in their behalf. A recent letter from San Francisco says: The Chamber of Commerce and the Merchants' Exchange are seeking to have the new Chinese exclusion law contain provisions that will permit Chinese merchants to trade unhampered with San Francisco. The board of trustees of the Chamber of Commerce have passed the following resolution embodying the views of that body, which is to be submitted to the general membership for approval: "There are now pending in the National Congress of the United States at Washington certain bills which we believe may be construed to so restrict the entrance of the mercantile class of China into the United States as to be harmful to our mercantile interests.—The trade of the port of San Francisco with the Chinese Empire is of great and increasing importance, its value for the year 1890, including

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Patricroft, Manchester England.

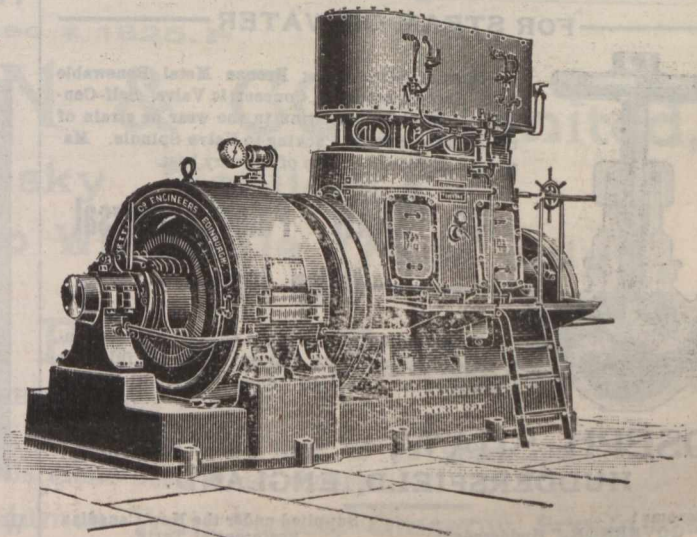
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## STEAM ENGINES.

For Driving Dynamos Direct.

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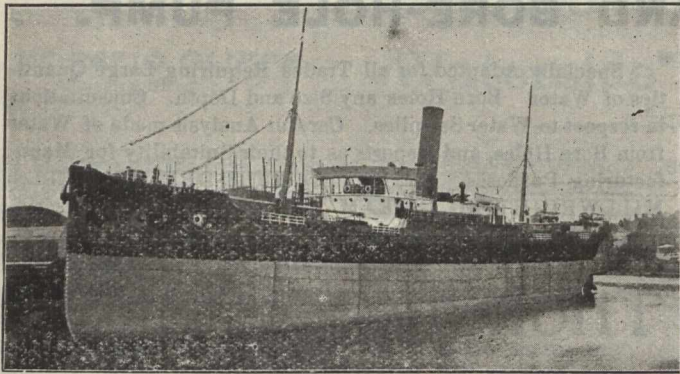
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Thornaby Shipbuilding Yard,

GRAVING DOCK  
570 Ft. Long.

Stockton-on-Tees,  
England.

Special estimates to Canadians under the New Tariff.

Hong Kong, being \$15,689,458, and for the year 1900 \$26,685,433.—For the proper conserving and promoting of this exchange of commodities we believe it is of the utmost importance that all facilities of commerce and the courtesies due to a friendly nation be extended particularly to that class of the Chinese Empire which operates, controls and has in itself the means and power of furthering this trade, which, under favorable conditions and by the assistance of a broad governmental policy, is destined to assume vast proportions in the future; therefore, resolved, That we, the Chamber of Commerce of San Francisco, do hereby most respectfully and earnestly petition the President of the United States and the California delegation at Washington, D.C., to use their utmost efforts to induce Congress to enact legislation so as to grant the unrestricted entrance into the United States to all merchants and also members of the mercantile class of China, such as salesmen, clerks, buyers, bookkeepers, accountants, managers, storekeepers, bankers and cashiers." The board of directors of the Merchants' Exchange adopted identically the same resolutions as the trustees of the Chamber of Commerce.

—A total of 49,149 immigrants arrived in Canada in 1901, as against 44,697 in 1900. Forty-one per cent. of the entire immigration for the last five years came from the continent of Europe, and 29 per cent. from the British Isles and the United States. While there has been a substantial increase in the immigration from the continent of Europe, that from England, Wales, Scotland, and Ireland, has re-

ESTABLISHED 1869.

## Bottled Beer and Stout FOR EXPORT.



The "Compass" Brand

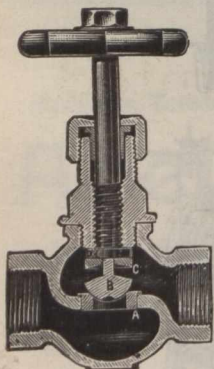
Bass & Co.'s Pale and Light Bitter Ales, and Guinness's Extra Foreign Stout.

Also Exporters of Mineral Waters Devonshire Cider and Specially Blended Scotch and Irish Whiskies, guaranteed Five Years old. Buy ing Agents wanted— West Coast Africa United States, Canada and Newfoundland.

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FOR STEAM OR WATER



Special advantages: Bronze Metal Renewable Seat, Interchangeable Concentric Valve, Self-Centering under any variation in the wear or strain of the spindle; Special Packing to Valve Spindle. Material and Workmanship of the very best.

### The "SHAW" Patent Universal Union Joint

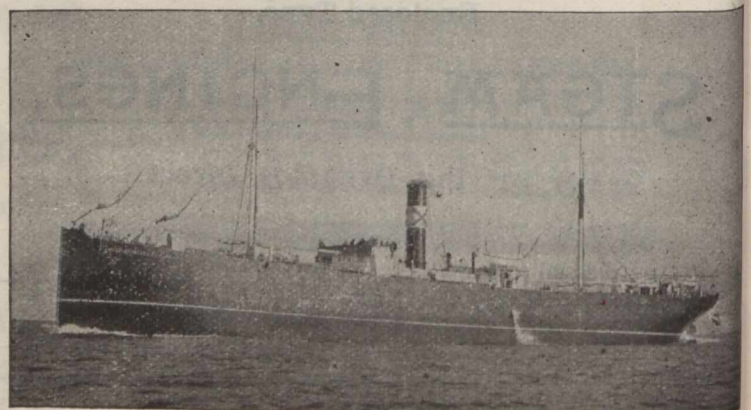
For Coupling pipes at an Angle, is the most Up-to-Date Coupling in the market. Send for full particulars of this and other "Shaw" specialties to . .

JOSEPH SHAW, HUDDERSFIELD, ENGLAND. ALBERT WORKS.

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Every Description of **LEATHER** for **Mechanical Purposes.**

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Special Terms to Canadians under the New Canadian Tariff.

remained about the same, whereas the current of immigration from the United States has assumed such proportions as to show an increase over that from the British Isles during the period under consideration. The per capita cost of immigrants during the last fiscal year has been as follows: Continental, \$2.65; British, \$9.58; United States, \$7.96. Average per capita, \$6.11. The total average per capita cost, including expenditure in caring for and looking after settlers in Canada, was \$8.35. Speaking of immi-

gration from the United States, Mr. J. A. Smart, the Deputy Minister, says the results obtained in the United States, as shown by the statements submitted above, are highly satisfactory, and great credit is certainly due for this to the able staff of resident and travelling agents operating in that country. The class of settlers who are crossing the boundary to locate in Canada are of the best type of practical agriculturists that could be secured in any country, and as this movement, which has since a few years taken such large proportions, is likely to still further increase during the coming years, it is a source of great satisfaction that the methods employed by the department to have these results brought about have proved so successful. Over 55,000 United States settlers, with their families, have settled in the North-West during the past five years and the accuracy of these figures is fully borne out by the large percentage, as shown by the returns, of the persons from that country who have entered for free homesteads during that period. It is also highly satisfactory to know that the United States settler who crosses the boundary to permanently locate on Canadian soil soon becomes a fervent admirer of Canadian institutions and fully appreciates the advantages that the same offer.

—At the recent meeting of the Collingwood, Ont., Board of Trade, the President, Mr. W. A. Copeland, reviewed the progress of the town during 1901. He said that Collingwood had enjoyed a full share of the general prosperity of the country, as shown in the growth and development of the business interests. Increased population, appreciated real estate values, abundant employment, higher wages, active building operations, busy manufactories, a large mercantile turnover, these were some of the features which indicated satisfactory business conditions. They were reflected in the greater postoffice and customs revenue, freedom from business failures and the growing freight and passenger traffic by rail and water. The census returns had shown that the population of Collingwood

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**A. G. THOMSON & CO., Limited,**  
Highland Whisky Distillers,  
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PROPRIETORS OF

**GLENCADAM DISTILLERY, Brechin, Forfarshire,**  
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AGENTS WANTED IN MONTREAL AND TORONTO.

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LARD.

Manufactured in England and packed in 28 lb. Galvanized IRON PAILS, and numerous other packages to suit all tastes. Choicest quality and full weight,

**LARD OIL.**

For delicate machinery is the finest known.

**BAR MOTTLED SOAP.****IRVEN BROTHERS, LIVERPOOL, ENG.**

Under New Canadian Tariff Law.

was 5,755, and there was reason to believe that it had since passed the 6,000 mark. The assessed value of property, including exemptions, increased from \$1,486,532 in 1900 to \$1,820,711 in 1901. An active demand for labor of all kinds prevailed, and higher wages were obtained, although the advance was scarcely more than sufficient to cover the increased rentals and greater cost of living. Steady employment for the laborer, mechanic, and artisan could now be obtained throughout the year, instead of during the spring and autumn months only as was the case in years gone by. A careful computation of the amount paid in wages in the town during the year showed a total of nearly \$350,000, an increase of about 40 per cent. on the previ-

ous year. The Collingwood Shipbuilding Company commenced operations during the year, and already found it necessary to extend and increase their plant. The Cramp Steel Company had laid the foundations for the several buildings required by them, and intended to push the work of construction to completion in the spring. The Northern Navigation Company had closed a most successful season without loss or accident. The passenger and freight traffic at the local station of the Grand Trunk Railway showed increases, which, in the speaker's opinion, would warrant the placing of an additional train on the route between Collingwood and Allandale. The business of the meat company was the largest in its history, the smaller industries had enjoyed general prosperity, and the merchants had altogether an active and encouraging year.

The Liverpool and Bankhall Chemical Company's

*The best and most effectual remedy for***Ticks, Lice, Maggots, Scab, Foot-Rot, &c.**

Stimulates the growth and improves the quality of the Wool, does not stain or discolour it and keeps the sheep in good healthy condition.

It is also invaluable as a WASH for CATTLE, HORSES, DOGS, &c., killing Parasites of all kinds, and curing Sores and Wounds.

This Dip is unsurpassed in quality and is offered at an extremely low price. Quotations given c.i.f. Canadian ports for large or small quantities.

SOLE MAKERS:

The Liverpool & Bankhall Seed Crushing  
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—It is rumoured in Ottawa that the reported sale of the Canada Atlantic railway to the Vanderbilt system has caused a change of the policy on the part of the Government in regard to the Georgian Bay canal. Some time since it was understood that the Government were not in favour of guaranteeing the bonds of the Georgian Bay Canal Company, but of building the French river canal

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**.. HYDRAULIC .. .. ELECTRIC ..**

Cranes, Dock Machinery, Presses, Coal Tips, Lifts, Capstans, Pumps, Steam Motor Wagons.

Cranes, Dynamos, Motors, Lifts, Power & Lighting Plants, Capstans, Pumps, Concrete Flag Making Machinery.

Telegraphic Address: "Muskers, Liverpool."

Telegrams:—"PUMPHREY, Glasgow."

**W. & M. PUMPHREY,** Bridal & Banquet Sugars.

SUGAR MILLERS,

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And at Thornaby-on-Tees,  
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Icing  
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**SUGARS** as they Should be!

Special Prices to Canadians  
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**TASKER, SONS & CO.**

**Manufacturers of Main Driving Bands**

In Leather India-Rubber, Hair and Cotton.

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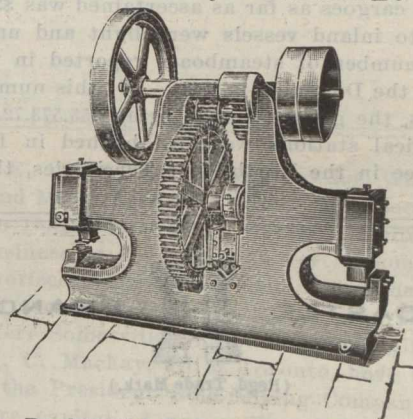
**England**

**Leather Merchants and Mill Strap Manufacturers.**

themselves. This, it is stated, was almost arranged, but now it is said the policy of the Government will be to build both canals, if they ever are built, as Government works. The charter of the Georgian Bay canal ran out by efflux of time on May 1st last, and though on application for a renewal is to come before the House this session it is unlikely tht it will be granted. The opinion is freely expressed that the work is of such Imperial importance that no risk should be run of its ever being possible that it could fall under the control of capitalists or other and foreign nations. Years ago the Imperial authorities sent out Royal Engineers to survey the route and report upon it. The report was published in a secret blue book, and spoke highly of the importance of this waterway as a strategical route for the transport of troops, munitions and supplies from the ocean to the great lakes through an all British country in case of war. The unexpected sale of the Canada Atlantic Railway to an American syndicate has called attention to the danger of granting charters for the construction and operation of railways and canals through the Dominion of Canada which are of strategical importance to the Empire at large. The possibility of the alienation of the Canada Atlantic road may lead to the diversion of freight from Canadian ports is also looked upon as rendering the construction of these canals as of very much greater importance than formerly attached to them.

**A. Kinghorn & Co.,**

**Phœnix Ironworks, Millwood, TODMORDEN, ENGLAND.**



**Double End Punching and Shearing Machines.**

Canadians have 38 1/8 per cent. in their favor by purchasing these Machines, under the New Canadian Tariff.

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**Attercliffe Steel Works and Wire Mills,**

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Paragon Umbrella Wire, Rope Wire, Needle Wire,  
Music Wire, Steel Wire of every Description.

**Tool Steel, Mining Steel, &c.**

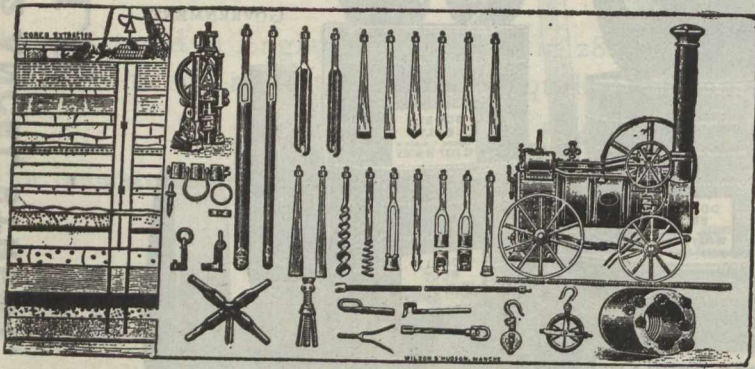
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Contractor to H. M. Government.

Tel. Address, "Thom, Patricroft."

# JOHN H. THOM,

Canal Works, Patricroft, near Manchester, England.



## Boring for Minerals, Oil, Brine, Etc.

### Artesian Wells put down to any depth

Manufacturer of  
all kind of

### Rock Boring Tools, Centrifugal, Deep Well & Donkey Pumps.

Special Estimates under the New Canadian Pre-ferential Tariff.

—The total expenditure by the Marine and Fisheries Department for the fiscal year ending June 30 last amounted to \$1,527,830.53, or \$214,940.87 less than the amount voted by Parliament. The expenditure for maintenance of lights and coast service amounted to \$505,436.08; construction, \$73,376.08; total, \$578,812.72; while for the previous year the expenditure for lighthouse and coast service, including construction, was \$516,494.40, showing an increase of expenditure for the year ending June 30 last of \$62,318. The casualties to British and Canadian seagoing vessels reported to the department as having occurred in Canadian waters and to Canadian seagoing vessels in waters other than those of Canada, during the twelve months were 136, representing 47,181 tons register, and the amount of loss to vessels and cargoes as far as ascertained was \$285,782. The casualties to inland vessels were light and unimportant. The total number of steamboats reported in the several districts in the Dominion is 1,536. Of this number 116 are new vessels, the gross tonnage being 255,573.72. Six new meteorological stations were established in British Columbia, three in the North-West Territories, three in On-

tario, one in Quebec, one in Nova Scotia, one in the Yukon district and one in Newfoundland. There are now in the Dominion 312 stations using instruments which have been supplied by the Government; at 234 stations the observations are taken voluntarily. The forecasts and storm warnings have been maintained during the year, and 1,313 warnings were issued from Toronto, and of these 1,135, or 86.4 per cent., were verified.

—The contract between the Government and the Marconi Wireless Telegraph Company provides that the Government will contribute \$80,000 towards the erection of a station in Nova Scotia, according to plans and specifications prepared by Signor Marconi. Should the station cost more the additional expense will be borne by the company. The company agrees that the rates to be charged for messages between Canada and Great Britain shall not exceed the rates charged for similar messages between Great Britain and any other parts of North America. If the company's operations are successful it undertakes to transmit general messages at rates which shall be fully 60 per cent. less than the rates now charged for cablegrams between Canada and Great Britain. The rate for Government messages and for the press not to exceed five cents per word. The Government undertakes that all messages received by the company, or intended for transmission by the company, shall be sent over Government telegraph lines, now exist-

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(Regd. Trade Mark.)

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### FINE COLORS

of all kinds for Printers, Printing Ink Manufacturers, Lithographers, Artists Colormen, Linoleum and Floorcloth Manufacturers, Scenic Artists, Implement Makers, High Class Painters, Decorators, &c.

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Of every description for Painters, Decorators, &c.

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For Coach and Carriage Builders, House Decorators, &c., also Litho Varnishes.

SPECIALITIES:—Holmes' Durable Reds, Permanent Madder Reds, Crimsonettes, Persianettes, Vermillionettes, Lakes, Pulp Colors, Blues, Greens Lime Colors, Drop Blacks, Chromes, White Zinc, etc.

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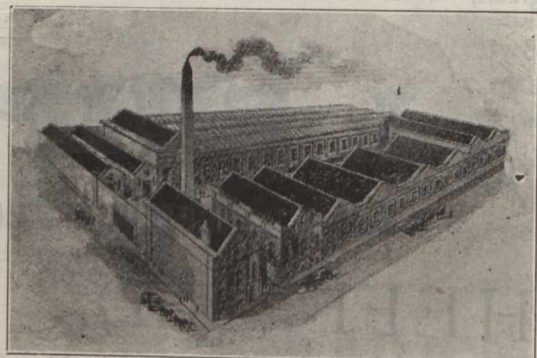
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## .. Bootle Jute Factory Co., Limited ..

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AND ...  
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JUTE BAGS AND BAGGING.

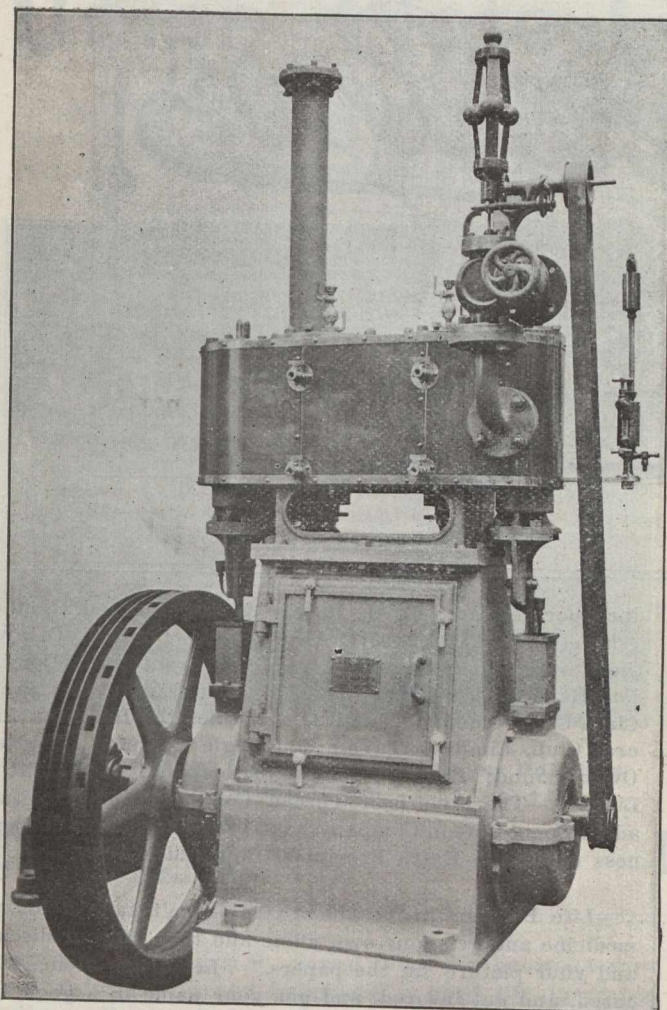


JUTE SACKING & SHESSIAN'S.

DUNDEE WORKS,

BOOTLE, - Liverpool, Eng.

[Telegrams, "JUTE, Liverpool."  
A.B.C. Code, 4th Edition,



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# BENJ. GOODFELLOW,

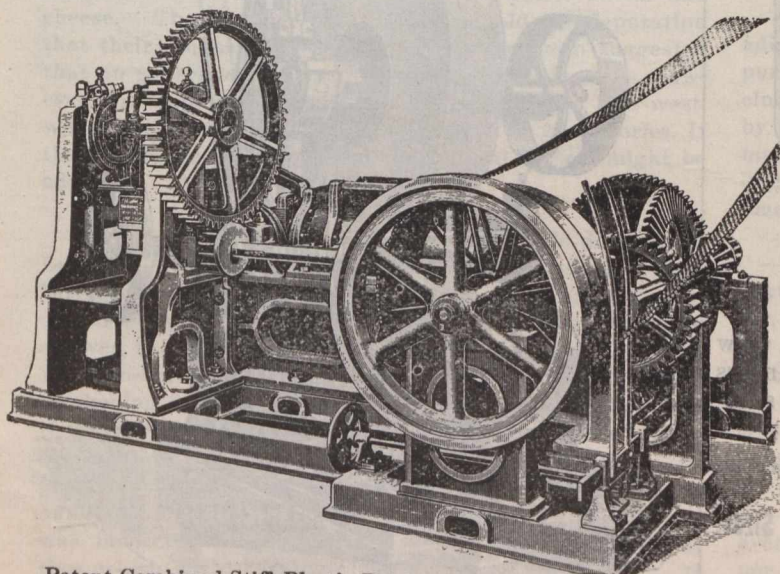
Limited.

HYDE, nr. MANCHESTER,  
ENGLAND.

ing, or which may hereafter be constructed or operated by the Government, at rates not higher than those charged to others for ordinary commercial messages. If the Government desires to use the Marconi system as a means of communicating with any lighthouses or life-saving stations on the coast, or between the mainland and any island within the jurisdiction of Canada, or with any ships to assist in operations for the protection of life and property on the seacoast or inland waters of Canada, it is free to erect such stations as it may require.

—Messrs. E. W. McNeill, Robert Gowans, Wm. Blair, J. S. Lovell, and Miller Lash, of Toronto, have been incorporated as The Dominion Cereal Company, Limited, to take over the business of the American Cereal Company. The capital authorized is one million dollars, and the head office is at the Town of Peterborough.—Messrs. Thomas McLaughlin, Kerr Somerville, W. D. Johnson, Clifford Johnston and W. C. Mackay, all of Toronto, have been incorporated as the President Gold Mining Company, Limited, with a share capital of one million dollars.—Mr. A. F.

Telegraphic Address:  
"ALEXSON, LEEDS."



Patent Combined Stiff-Plastic Brickmaking and Pressing Machine

## Brick, Tile and General Clay Working Machinery

Herbert Alexander & Co.

LIMITED.

Queen's Engineering Works

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TELEPHONE 999.

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STEEL MOULDERS' COMPOSITION

SPECIAL PAINT FOR THE SURFACE OF MOULDS.

GROUND GANISTER

PATENT NON-CONDUCTING CEMENT FOR STEAM PIPES & BOILERS.

GROUND MORTAR &c.

EFFINGHAM MILLS, SHEFFIELD, ENG.



Maclaren, of Stratford; Dr. Jameson, M.P.P., of Durham; W. A. Bradshaw, J. W. Auld, W. J. Hynes, and H. C. McLean, of Toronto, and Robert Paxton, of Otterville, have been incorporated as the Imperial Plaster Company, Limited, with a share capital of \$75,000.—Other companies

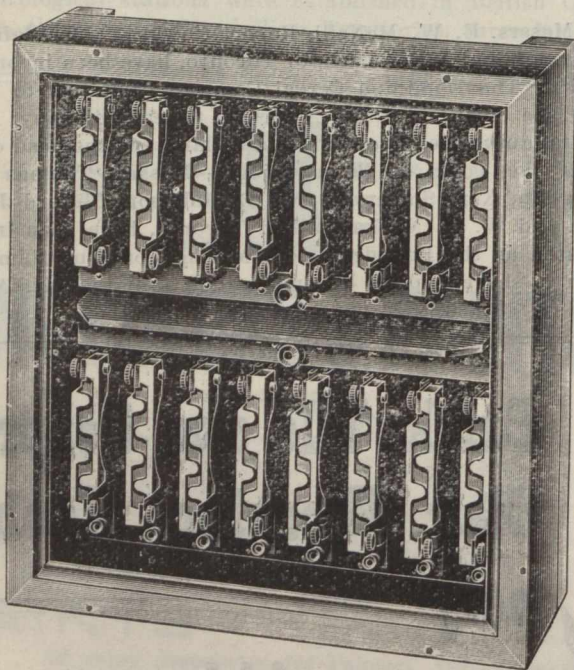
incorporated are: D. S. Perrin & Co., Limited, London (share capital, \$250,000); Alex. Fleck, Limited, Ottawa, the Fowke Singer Company Limited, Toronto; the Dominion Harness Company, Limited, Port Elgin; the Santa Clara Cigar Company, Limited, Oakville; the Hamilton Liberal Club, Limited; Taylor & Pringle Company, Limited, Owen Sound; Parisian Laundry Company, of Hamilton, Limited.—The American Thread Company and the Canadian Spool Cotton Company have been licensed to do business under the Extra Provincial Companies Act.

## Ward & Goldstone,

TELEPHONE 1969.

45 Dutton St., Strangeways,  
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### THE BEST HIGH-VOLTAGE FUSEBOARD



Every Maker claims the Best, WE PROVE IT!  
Low Price,  
Strong Mechanical Construction,  
Electrically Perfect.

This Board is not shoddily constructed with a view to cheapness, the fact that leading consulting engineers are specifying it and contractors are using it is sufficient testimony to its value.

For full particulars and prices see list on application.

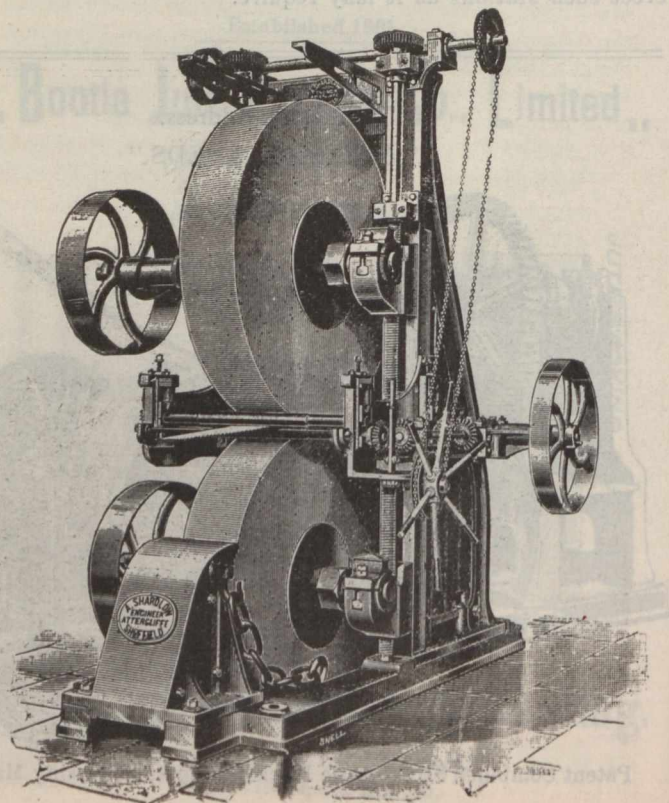
Price: F.O.B. Mch. 1s. 10d. per D.P. Way, In case. All Sizes.

WARD & GOLDSTONE

—Life Pointers from The Press.—Don't take a lot of medicine and get your own name and that of your disease and your picture "in the papers." Let drugs alone, stay cured, and get insured, and get your name in a good life policy. No quackery about life insurance.—He that hath a goodly amount of good life and accident insurance in favor of his family is greater than he who belongs to the 400 who hath none, a great lot greater—400 times greater.—If you have hitherto neglected to insure your life, remember that "it is a sign of folly, not of wisdom, to be

## The Improved Long Saw Grinding Machine

OF.....  
A. SHARDLOW & Co., LIMITED,  
SHEFFIELD, ENGLAND.





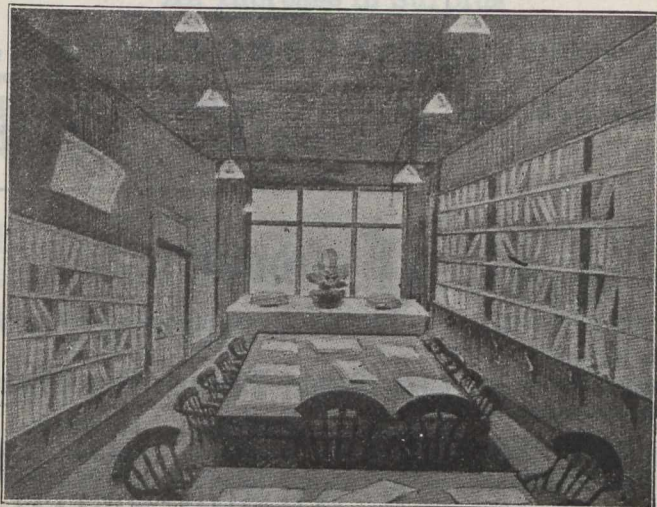
Telegraphic Address: "UNION," St. Helens.

Established 1837.

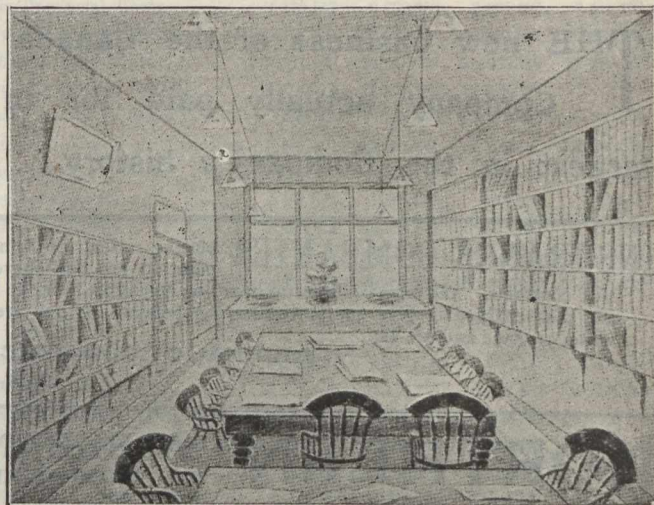
# Union Plate Glass Company,

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## REFRAX GLASS.



Interior of Room Lighted with Ordinary Polished Plate Glass.



Interior of Same Room Lighted with Refrax Glass.

**POCKET NOOK,  
ST. HELENS,**

**Lancashire, England.**

regardless of the past." Surest thing you know.—A sure receipt for health and happiness—a good life insurance policy. You can't have the latter without the former, and when you have both happiness will be sure to follow.—Any man who shirks his duty and finds the excuse for it "because others do the same" is a man to watch. Life insurance is a duty. The agents are watching you.—The first triplet of words in the English language: Insure your life. Couple that triplet to your thinker and single it out for immediate action. That done and persisted in—let the triplets come. They are provided for if you go.—Do not be "talked out of" insuring your life. There is no time nor place too lowly for the display of manhood.

—The Western Dairymen's Association has asked the Ontario Government, through the Minister of Agriculture, for a grant of \$15,000 and the Eastern Association is prepared to make a similar request. The association wants to have the money to pay instructors and inspectors whose duty it would be to go into all the cheese factories and creameries in the province to tell the makers exactly how to do things and correct any errors they may have fallen into, seeking as an end perfection for Ontario butter and cheese. The Minister of Agriculture told the deputation that their request was too large. It has been suggested that an experiment be made at once along the lines, however, by appointing an inspector each for east and west, whose jurisdiction would extend over 15 or 20 factories. If the scheme proved successful the general system might be adopted.

—The horseless carriage is making favorable progress in London. A recent letter reads: Those clumsy and lumbering but withal picturesque vehicles, which are the wonder of every visitor to London, will not much longer be allowed to enjoy a monopoly of London's narrow streets. The two-horse omnibus has had its day. Even London is awakening to that fact. The Strand was invaded recently in the neighborhood of Charing Cross by a new steam carriage, which looked curiously out of place amid the procession one is accustomed to see there. The new omnibus went down Whitehall to Scotland Yard, where it was inspected for a license. The vehicle is a type of those which are to be placed in service next month. It seats thirty-six, and has a speed of fifteen miles an hour.

—In Ottawa last week 129¾ square miles of pine timber limits belonging to Mr. Wm. Mackey of Ottawa were sold by public auction to Mr. J. R. Booth for \$665,000. The limits are located on the River Amable du Fond about 20 miles from Ottawa, and, it is estimated, contain about 125,000,000 feet board measure. They have been square timbered over for about thirty years. The purchase money is said to be the largest sum that has ever been paid for single timber property in the history of the lumber trade of Canada. The sale shows the great strength of the timber market.

—From North Rhodesia the British Chartered South Africa Company has received news of the discovery of a copper field estimated at forty square miles. The field is situated 150 miles north of the Victoria Falls, and runs thence to the Congo Free State. In the ancient mines dug by the natives and re-opened by engineers in the employ of the Chartered Company, copper assaying 44 per cent. is now being secured, besides a large percentage of silver. The Cape to Cairo Railroad will be diverted to pass through the copper field.

—The Roller Mill of Buffalo is informed that the Canadian patent on the Utimator sifting machine has been purchased from the inventor by a Canadian company, including three well known millers, who satisfied themselves by a thorough examination as to the advantages of the machine. The new company will establish a plant immediately at Peterboro, Ont., to manufacture the Utimator machines.

—The Canadian Pacific Navigation Company has, it is reported, entered into a contract with Messrs. Swan & Hunter, ship builders, Newcastle-on-Tyne, for a fast steamer to ply between Victoria and Vancouver. The new vessel will be much superior to the Charmer which is now on that route. The contract calls for delivery in November. The company is also building a wooden screw steamer at Vancouver for service to British Columbia and Alaskan points.

—A despatch from Adelaide, South Australia, reports the average wheat yield of the colony at five bushels of 50 lbs. per acre from 1,500,000 acres, and the exportable surplus at 146,000 tons.

**THE STANDARD ASSURANCE CO. ESTABLISHED 1825.**

OF EDINBURGH.

HEAD OFFICE FOR CANADA, MONTREAL.

Invested Funds, \$48,400,000  
 Investments in Canada, 14,930,000  
 [WORLD WIDE POLICIES.]

Thirteen months for revival of lapsed policies without medical certificate of five years' existence.  
 Loans advanced on mortgages and Debentures purchased. Agents wanted.

D. M. McGOUN, Manager.  
 J. HUTTON BALFOUR, Secretary.

**T**HE new business of the Canada Life Assurance Company actually paid for in 1901 was the largest in the Company's history.

**INSURANCE COMPANIES** placing orders for Printing should make it a point to get our figures before closing their Fall contracts. We have facilities for handling Insurance work to the best advantage and are thus enabled to give our customers the benefit. If you are interested in any way write, or come and see us,

JOURNAL OF COMMERCE JOB DEPT.,  
 171 St. James Street, MONTREAL.

**NORTHERN ASSURANCE CO'Y.**  
 INCOME AND FUND (1892)



Capital and Accumulated Funds, :: \$38,355,000  
 Annual Revenue from Fire Premiums..... }  
 Annual Revenue from Life Premiums..... } 5,715,000  
 Annual Revenue from Interest upon Invested Funds..... }  
 Deposited with Dominion Government for the security of Canadian policy-holders ..... 200,000

Head Offices:—London and Aberdeen.  
 Branch Office for Canada, Montreal, 1730 Notre Dame St.  
 Manager for Canada,—ROBERT W. TYRE.

FIRE. LIFE. MARINE.

**G. ROSS ROBERTSON & SONS,**  
 General Insurance Agents and Brokers

ESTABLISHED 1865.

\* 11 HOSPITAL STREET, \*  
 MONTREAL.

Telephone Main 1277. P. O. Box 2081.

THE CANADIAN  
**Journal of Commerce.**

MONTREAL, FRIDAY, FEBRUARY 28TH, 1902.

THE JANUARY BANK STATEMENT.

January banking is always characterized by the withdrawals of notes from the public purse to the treasury. In October the note issues reach their maximum, in January they run down towards their minimum. This year the change from December to January was unusually large, from \$54,372,788 to \$48,586,529, a decrease of \$5,786,259. Still the circulation, after this heavy decline, was \$3,561,000 greater than in January, 1901, showing the tendency of the note issues to increase year after year, in spite of the heavy redemptions succeeding the movement in the Fall. For several past years the falling off between October and January were as below, the October figures being, of course, those in the year preceding the January amounts:

**THE MANCHESTER FIRE ASSURANCE COMPANY.**

Established 1824.

CAPITAL, - - \$10,000,000

Head Office, MANCHESTER, ENG. | Canadian Branch Head Office, - TORONTO, JAS. BOOMER, Manager.  
 T. D. RICHARDSON, Assistant-Manager.

EVANS & JOHNSON, Resident Agents, MONTREAL.  
 1728 Notre Dame St.

**IMPERIAL LIFE ASS'CE CO'Y OF CANADA.**

THE YEAR'S RECORD.

	Jan. 1, 1901	Jan. 1, 1902	Increase	%
1. Total Assurance in Force.....	\$9,226,350	\$11,236,700	\$2,010,350	21.8
2. Total Assets.....	1,102,092	1,339,804	237,712	21.6
3. Reserves for Policies and Annuities .....	597,488	798,785	201,297	33.7
4. Annual Premium Income .....	319,860	395,170	75,310	23.5
5. Annual Interest Income .....	36,273	53,502	17,229	47.5
6. Total Annual Income .....	806,133	448,672	92,539	26.0

E. S. MILLER, Provincial Manager,

	October.	January.	Decrease.
1902 .....		\$48,586,529	\$9,368,251
1901 .....	\$57,954,780	45,025,306	8,173,471
1900 .....	53,198,777	41,320,083	8,268,153
1899 .....	49,588,236	36,916,579	5,626,867
1898 .....	42,543,446		

The October maximum in 1901 was \$15,411,334 greater than in 1898, but the January minimum of 1902 was only \$11,669,950 greater than that of 1899, which is some evidence of the general movement of circulation being towards permanent expansion.

The deposits on demand fell off from \$102,309,034 in December to \$95,844,789 in January, a decline of \$6,-

Insurance.

**PHENIX ASSURANCE CO'Y**

OF LONDON, ENG.

Established in 1788. Canadian Branch  
 Established in 1864.

No. 164 St. James St.

MONTREAL, P. Q.

**PATERSON & SON,**

Agents for the Dominion

City Agents:

E. A. Whitehead & Co. English Dept.  
 G. A. Raymond & Co. French Dept.  
 S. Mondou.

**Caledonian...**

**INSURANCE CO.**

The Oldest Scottish Fire Office.

Canadian Head Office, MONTREAL.

**R. WILSON-SMITH**

FINANCIAL AGENT.

Government, Municipal and Railway securities bought and sold. First class securities suitable for Trust Funds always on hand. Trust Estates managed.

STANDARD LIFE CHAMBERS,

151 ST. JAMES STREET, MONTREAL.



The Harbour Engineer is at last instructed to place himself in communication with the engineers of the Public Works Department, in order to prepare a complete plan of all the requisites for the proper equipment and facilities for the working of the harbour. This is an important movement and when that measure is prepared we may expect that provision will be made for the working of the railway traffic on the wharves at all hours of the day, without which, Montreal will never be a perfectly equipped port capable of competing in these days of keen competition, with other wide-awake ports having that advantage.

As we have repeatedly stated, that is a very large question and will require much consideration. It is evident to all who have given thought to this subject that, as the harbour is situated, the ordinary traffic and the railway traffic cannot be carried on at all hours on the same level without the greatest danger to life and property and yet it is essential to the trade that both of those sources of traffic shall be provided for without interruption.

Sooner or later this question will have to be faced and provision for two distinct levels for the traffic provided and if taken up now the less the cost eventually will be. There is no engineering difficulty in the way; it is simply a matter of cost. It would, of course, have been a much easier matter to arrange if the absurd and costly high level of the wharves had been discarded, but that cannot now be reconsidered, and the best must be made of the actual position.

We have heard much about the necessity for doing away with the level crossings on the Grand Trunk approaches to the city, and very properly. The large cities in the Western States have decided that all railroads shall enter on elevated tracks for all kinds of business, as is done in most centres of trade in other places. This is done in the general interest to guard against danger to life and property.

The same wholesome rule will apply to the Montreal harbour, where the danger will be accentuated from the railway traffic on the wharves which will doubtless be enormously increased in the future, if the additional facilities afforded by running at all hours are provided. Those facilities will soon be a paramount necessity and now is the time to provide for it, when the whole system of harbour working is to be reorganized.

Another important step was taken by the Board, on the suggestion of Mayor Cochrane, when it was decided to advertise for tenders for some 2,000 piles, 50 feet long, for the foundations of the long-talked-of elevator. This is the season to prepare for getting out that material. Doubtless, in some manner the difficulties that have blocked the way of that construction will be removed before long, and by the foresight of this action of the Board, the contractor, whoever he may be, will have the piles ready to his hand, so that the work may be proceeded with after the opening of the season of navigation.

The President of the Board, we observe, intimated at the Monday meeting that he expected by the next meeting that he would have some good news to communicate to the public. It is to be presumed that the news is of importance to be thus heralded. It is so long a time since any good news came from that direction that the public appetite is whetted to know what it will be about. Is it possible that the missing, or is it the suppressed, report for the year 1900 we have so often asked for, is to be forthcoming and issued at this belated season?

## THE BOARD OF TRADE AND IMPERIAL TARIFF CHANGES.

The special meeting of the Board of Trade of this city on Thursday last was not without interest to the country; at the same time we are bound to say it was not satisfactory in its results. It cannot be admitted that the controlling influence of the Board is up to the mark of that of former times when a board's view of the requirements of the country was expressed forcibly by those then representing the commercial interests of this community and of the Dominion at large.

The work of the Board of Trade for the last year or two has not been productive of much benefit, and it must turn over a new leaf if it is to have such an influence in Dominion affairs as it had in former years. Latterly it has occupied itself with much talk, besides dealing with affairs of trifling import, whilst larger questions have been ignored. In the important matters connected with the harbour and transportation that should have absorbed their attention, the Board or, at least, its Council, have shown an inability to grasp a single idea of any magnitude, that they could consistently advocate, or persevere in advocating to its accomplishment.

The result of the last annual meeting is an example, and the special meeting last week proved it still further, if such were needed. That meeting was called to consider the question of petitioning the Government of Great Britain to change the Imperial tariff so as to give the Colonies, and especially Canada, a preference in Customs duties, over the imports of foreign countries, that is, in so far as food products are concerned.

This is a very large question indeed, and much can be said on both sides. It is a question of mutual interest, and many people in Britain may well ask—What are you in Canada doing to entitle you to ask for such a large concession as this, as against our other good customers? That is an important query. We believe that the best interests of the Empire are involved in the maintenance of the mutual interests of all its parts, and that each part should take its fair share in the cost of supporting the integrity of the whole. From this standpoint the resolution adopted by the Board of Trade last Thursday was fragmentary and utterly selfish. This country, like all all the other dependencies that make up the glorious Empire of which we are all so proud to form a part, derives incalculable advantages from the protecting arm of the centre of the Empire. Its army and navy are ubiquitous—wherever danger threatens any outlying section, and we all have the advantage of a marvellously complete consular service at our disposal without any cost to any of the dependencies of the Empire. This is well understood, and yet it seems to be forgotten by many of those who assume to deal with the subject.

If the resolutions adopted at the meeting of the Board of Trade had formed part of a general scheme in connection with Imperial relations, it would have been more commendable and have carried more weight. Standing alone it amounts to nothing but an exhibition of selfishness, while most of the arguments reported to support it had really no connection with the subject matter of the resolution. That resolution should have embodied in it a willingness and disposition to shoulder a fair share of the cost of the protection of the Empire, and the maintenance of its integrity—which some day may be our special care—and then the advantage of a special tariff in favour of the dependencies for their natural productions could well have been advocated with a hopeful feeling of mutual benefit.

Instead of such a judicious course the naked selfishness was protruded, and after the resolution was passed, it was, by some afterthought, apparently felt that something more was required, and it was moved that the Canadian Government should be asked to pay the entire cost of sending the last contingent to the shores of South Africa as a Canadian contribution towards the defence of the dependencies of the Empire. In the ordinary course of things that resolution should have been a prelude to the one adopted. It appears, however, that the patriotic enthusiasm of the members was so exhausted by the speeches delivered, and the selfishness of the resolution adopted that they dispersed before any action could be taken on the subsequent motion, which could alone give any weight or importance to the subject matter which the meeting had been called to consider.

Montreal has no reason to be proud of this last meeting of its Board of Trade, and it is to be hoped that some subsequent action may be taken to place the real sentiments of the mercantile community on the Imperial features of the mutual preferential trade question before the country. The ability of a few of the official members of the Board is overshadowed by that of others whose opinions are scarcely worthy of a city like Montreal.

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#### THE COUNTRY STORE.

While the various lines of trade are affected to some extent by modern ideas and advancements in business methods, with the one exception of the country general store, they may all be said to have gained as much as they lost. The latter, alone, has not been benefited, but, on the contrary, has much more to contend with than was the case prior to the telephone, the departmental and mail-order houses, the bicycle and the rural mail delivery. While some of these are considered in the light of useful additions, and the others are looked upon as the natural outcome of keen competition, the country store alone, of all branches of trade, has encountered in each either a direct or indirect antagonist which, too great to be attacked, could only be prevented from inflicting fatal loss by advanced business methods, kept up unceasingly and added to with as much persistence as the capacity of the owner could bring to bear.

Times have changed for the country merchant, but only in accordance with his permission. That they have changed materially proves that not many merchants took up the defensive and used their full powers to prevent the changes which were the direct result of the new conditions that came with the wheel, the catalogue and the phone.

Meeting a friend, a wholesale merchant, on the street the other day, the writer remarked: "Well, John, how's business?" "'Tis hard to say just how business is with us lately," he replied; "'tis up-hill work the whole time. It used to be that when you had a good list of customers secured you could feel you had the preliminaries of an established business laid. Now, you really don't know who your customers are. To do business you must keep constantly drumming up, both near and far. If you leave a month go by without this effort it simply means so much lost trade. The old-established houses here we are not afraid of, because they rely on sound business principles and we understand each other, but what we fear and must fight are the new concerns constantly springing up. They adopt any method to gain trade.

To match this is for us to lose temporarily and to ignore it is to be placed on the shelf."

This applies more or less to all lines of city trade; but there is a consolation mingled with it, that of transient trade and the custom of people who are determined to look around for themselves. In the case of the country merchant the losing features of such trading apply, but the profitable side is not to be seen. No transient trade helps fill his till or empty his shelves. He must hold his regular trade against all competition and every inducement, or go to the wall.

In conversation with a thoughtful storekeeper in a small village situated five miles from any railroad, says a writer in an Eastern U.S. paper, I elicited from him several observations which indicate that a slow revolutionary change is being worked in the villages throughout the country by the free delivery of the mails.

"Come right up," he said one afternoon when I found him reading a newspaper on the platform in front of his general merchandise store. "I've just got back from a trip on the road. My trade has been cut in half since the government began to leave the mails at farm-house doors. When I remarked that I failed to see the connection, he explained: "I am not surprised; few people realize what a change is going on. Take my own case. Three or four years ago I carried a stock worth \$8,000. That may seem pretty large for a village of 200 people. But you must remember that farmers traded with me from miles around, and in the last analysis every family here subsists upon the proceeds from agriculture. You came in yesterday to buy a cigar; I hadn't any. Why? Because I am compelled to go out on the road for a large city house in order to support my family. The result is I haven't time to give to my own business, and I have allowed my stock to run low. Instead of buying, as I used to, in anticipation of a good demand, I often wait until I am sold out of a thing, and then send for another small lot.

"Now, you want to know what 'free delivery' has to do with this. Well, just this much: You see the little fourth-class post-office across the street? I was postmaster there under a former administration. Within a radius of four miles there was no other place where a letter could be sent or received.

"Every day, or perhaps only two or three times a week, the farmers would drive in to get their mail. Seeing a thing often creates a want for it. At any rate, a farmer nearly always had to have a cigar (usually half a dozen, six for a quarter) for himself, some candy for the children, a piece of finery for his wife; or, if his wife were with him, as on Saturday, her eye might be caught by a new piece of calico or a bit of crockery, or something else, and before they set out for the farm she would have possibly bought five times as much as she had any thought of buying.

"After all, you know and I know," commented this keen rustic philosopher, "that trade depends as much upon people buying what they don't need as upon their buying what they do need. Those were golden days when the farmers spent their money here. I was able to send my boy to Yale and give him a first-class education. Now all that is changed. The farmer gets his mail at the front gate, and the carrier collects whatever mail the farmer has to send. He no longer bumps in every day on his waggon, but only when he absolutely requires something, generally once a week. You can understand as a business man how such a change affects every country storekeeper.

"But this in itself could not give country trade what might almost be called its death-blow—it is free delivery acting as a sort of distributing agency of your big department stores. How can I compete with the huge operations of such stores? What does your department store do? It sends to the local postmaster or to a carrier on a free delivery route and asks for a list of names of all persons living within the postal district. To each and every one of these persons, who have been and would still remain my customers, mind you, is sent a catalogue, with price list and freight charges plainly given, so that none not a fool but may know the cost.

"A bewildering array of articles is set before the farmer in these catalogues. Farmers' wives pore over them more than they do over the Bible. They are thumbed and read as a wonderful fairy story. All available cash is dispatched to pay for things the farmer never heard of before, and got along well enough without. When I was postmaster here I handled about \$1,500 a year in money-orders; my successor to-day handles nearly \$6,000. When I left the post-office I took the express agency for this place. I do a money order business of \$4,000 for the company. I know where this money goes, and I know nearly all of it goes into the big department stores of cities. And all this money—\$10,000 a year—is diverted right here from one other store and my own. Do you wonder, then," he said, in conclusion, "that the country storekeeper is not sharing to the fullest in the prosperity of the country? Such is the history of every improvement, however," he added, with a sigh.

While this shows the trend of events in a large proportion of the suburban districts throughout the Eastern States, it does not apply, in a full measure to the conditions governing the country stores throughout Canada. They appear to be more vigorous up here and are proving it by the steadfastness with which the more capable are adhering to modern trade principles and keeping fully abreast as business changes make their appearance. Having thus successfully withstood the aggressiveness of the departmental store, and the speedier ordering methods of the 'phone and the wheel, they will be as fully prepared to hold their trade against the further assaults originating with the advent of the rural mail delivery.

#### DOMINION SAVINGS & INVESTMENT SOCIETY.

The report of the Dominion Savings and Investment Society and financial statement for last year will be found in full on a later page. Companies of this class have passed the period when large profits could be made, as the accumulations of capital in all parts of Canada, have had the effect of lowering the price of money and decreasing the demand for mortgage loans, such as paid so well in years gone by.

The Dominion Savings and Investment Society has managed, however, to maintain as large a volume of mortgage loans as in earlier years when those securities were more plentiful. Last year its loans amounted to \$325,011 which is above the amount in several previous years, the natural inference being that the methods and management of the Company are alike popular with borrowers.

The extent of the deposits, \$827,721 evidences also the confidence of those having savings to invest. Since 1893 these funds have increased \$203,200, and the currency debentures, \$85,100, making a total increase of \$288,300 of local funds placed with the Company by those who are

best able to judge its operations. The cash value of mortgages and other securities, is given as \$2,262,605, from the interest on which, less charges for deposits, debentures and management, the net profits were \$50,761, a very moderate sum to result from so large a business, and showing that borrowers in these days have easy times. Mr. Nathaniel Mills, Manager, stands well with the community in Western Ontario for financial ability, probity and special knowledge of the business he has in charge.

#### WESTERN ASSURANCE COMPANY.

Reports of fire insurance companies in these days are taken up with small expectations of anything gratifying to hear of. The best can only be said to be, not as bad as expected, or some such apologetic remark is elicited.

The Western had a net fire premium income of \$2,460,602 and losses, \$1,570,025, and marine premiums, \$832,027, with marine losses of \$596,981. Together these made a total premium income of \$3,292,629 and total losses, \$2,167,006, which give an average loss ratio of 65.8 per cent. In comparison with many other companies this is by no means an unfavourable result for a year marked by serious conflagrations, which made 1901 an unprofitable year to almost all companies operating in the United States.

The report states that \$189,048 was left as a profit balance after providing for losses and expenses. Out of this one 4 per cent. half yearly dividend was paid, and a second at 3 per cent., the reduction being thought advisable owing to heavy losses in which those in Montreal a year ago figure only too prominently.

The premium income was larger than last year, not because of enlarged business, but entirely owing to the increase in rates. The President, the Hon. Geo. A. Cox, in commenting upon the report, made some remarks on the enormous fire waste on this continent. He said that electricity was thought by many to be largely responsible for the increase in fire losses; on this the President gave no opinion, but he thought this new hazard will be overcome when its weak points are better understood.

The old, reliable Western is doing a good business in England. Its stability has not been diminished in the slightest degree by the adverse experiences it has shared with all other fire insurance companies. Its policy still is, as ever, to guard its policyholders as far as possible, to pay claims promptly, to avoid dispute, and to maintain its honourable reputation. The Vice-President, Mr. J. J. Kenny, upon whom rests the management, stands in the front rank as an underwriter and a business man. Mr. Robt. Bickerdike, M.P., looks after the interests of the Western in Montreal with all diligence and ability.

#### THE HOME SAVINGS AND LOAN COMPANY.

The full report and statement of the above substantial and popular company are published in this issue. The annual meeting was held at Toronto, on the 20th instant, when the President, Mr. Eugene O'Keefe, took the chair. The Home Savings and Loan Company occupies a unique position amongst institutions of the class. Its business is largely that of a Savings Bank, and this feature seems to be made more prominent year after year, as its mortgage

loans are being steadily reduced, as its call loans are enlarging. The statement for 1901 shows the deposits to be \$2,499,722, which exceeds their amount in 1900 by \$188,090. The mortgage loans were \$820,355, which is less by \$29,181 than last year, and \$152,893 less than 10 years ago. The additional deposits have been utilized for loans on collaterals of stocks, bonds and debentures, the total of these being \$1,853,535, which is \$165,127 more than at end of 1900. The earnings, however, have increased under these changes, the amount in 1901 being \$123,974, against \$116,543 in previous year.

The Home Savings and Loan Company holds as strong a financial position as is needful for a company that operates chiefly on borrowed money. Were payments of the whole of its deposits demanded, the able and popular manager, Mr. James Mason, could meet the creditors with a smile, so far as ability to comply with their demands would affect him, for, before the money could be paid out, a supply would be on hand to cover all obligations to depositors. Confidence, however, is so firmly rooted in the stability of the Home Savings, and in the integrity of its Manager, President O'Keefe, Vice-President Foy and their colleagues on the Board, that its prosperous career is assured.

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#### THE CANADA PERMANENT AND WESTERN CANADA MORTGAGE CORPORATION.

The second annual meeting of the above Company was held at Toronto on 24th inst., under the presidency of Mr. J. Herbert Mason, First Vice-President, in the absence of Mr. George Gooderham, the President. Mr. Mason doubtless felt very much at home in this office and the shareholders present were gratified at his being in the chair once more.

There was deep regret expressed at the recent death of Mr. Walter S. Lee, upon whom had devolved the active management of the Corporation since it was organized by amalgamating several of the largest and most substantial loan companies.

There are two paragraphs in the Report of special interest, and to great importance to stockholders. They will also be read with universal gratification as evidencing a movement in Canada of momentous consequence. The Directors announce that, "availing themselves of opportunities afforded by the prevailing prosperity in Ontario and Manitoba, strenuous efforts were put forth to dispose of the properties on hand, taken over from the companies combined in this Corporation, and so successfully that more than one-half in number and value of these properties were sold during the year and have now become active interest-yielding securities." Another statement is, that "The Company's funds have been constantly employed at a satisfactory average rate of interest," which statement is supplemented by the further one that interest and principal obligations have been met with more than usual regularity and promptness.

Though the loans represented by properties which have to be taken possession of by a mortgagee are not bad debts necessarily, they have a disagreeable tendency to assume that form to some extent. They become dead, unfruitful capital very rapidly, and a company that has to pay interest on its debentures and deposits when shorn of its revenues from mortgage loans is, to that extent,

wasting its resources, and the anxieties of the management become serious. It is then with peculiar pleasure we record the conversion of a considerable amount of such properties into "active interest-yielding securities," the revenues from which will be a most welcome addition to future profits.

The changed conditions so indicated are of the utmost moment to Canada. They mean a better demand for farm properties; greater confidence in agriculture; and a growing tendency to place capital in farm industries. Naturally, such conditions have led to more regular payments of interest and repayments of principle on account of mortgage loans.

The net earnings last year were \$385,870, which provided \$357,081 for two half-yearly dividends and left \$28,789 to carry to Profit and Loss, less \$4,407 for Provincial and municipal taxes. The Directors did well to give this item prominence, as such enormous taxation is a serious grievance and wrong to financial companies in Ontario. The Company has now \$15,436,879 at its disposal for loan business, which is \$468,790 in excess of 1900.

Mr. J. Herbert Mason has accepted the position of General Manager, under the title of "Managing Director," in addition to the office of First Vice-President. His hosts of friends will welcome his assumption of these duties, as they evidence his enjoying good health and strength for such onerous labours.

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#### THE MUTUAL RESERVE.

The February bulletin of the Mutual Reserve Fund Life Association is of interest, not only to the policyholders of this progressive company, showing as it does that a large number of States and Territories have eclipsed former efforts in new business during the first month of 1902, but is an incentive to every reader imbued with a spark of ambition, to be up and doing, not merely as much as was accomplished yesterday, but increased business all round. Some pointers, bearing the title of "The Man Who Does" are well worthy, not only of reflection, but of daily remembrance.

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#### FIRE LOSSES.

Toronto, Feb. 22.—Stock of J. H. Stevens & Sons, surgical instruments, damaged. Fully insured in British America and National of Ireland.—Toronto 21.—The Menzie-Turner Manufacturing Co., window shades, etc., and the Merchants' Dyeing & Finishing Co.'s plants suffered loss of some \$200,000. The fire was caused by spontaneous combustion from oil waste. The Menzie Manufacturing Company will sustain in the complete destruction of their main building and percentage on finished stock heavy loss above the insurance. The damage to the finished stock of the Menzie Manufacturing Co. was estimated at \$26,000, caused entirely by smoke and water. The manufacturing building and the machinery was completely destroyed. The stock and finishing rooms of the Merchants' Dyeing & Finishing Company, together with a most expensive machinery plant, was also a total loss. The figures are: Menzie Manufacturing Company, to stock-room, where \$16,000 worth of valuable laces alone were stored, \$20,000; machinery, \$39,000; buildings, \$18,000; stock in course of manufacture, \$6,000; pole and paint mixing department, \$13,000; total, \$96,000. The Merchants' Dyeing and Finishing Company now place their loss at \$75,000. Following is a complete list of insurance: Menzie Manufacturing Company—On buildings—Scottish Union, \$4,100; North American, \$2,000; Atlas, \$2,000; National of Ireland, \$2,000. On stock—Lon-

don and Lancashire, \$6,975; Norwich Union, \$5,475; Caledonian, \$2,737.50; Anglo-American, \$2,737.50; Northern, \$4,562.50; Commercial Union, \$5,000; British America, \$5,000; North British, \$5,000; Western, \$3,650; London Mutual, \$5,150; Connecticut, \$2,737.50; Manchester, \$1,625; Waterloo, \$1,825; Mercantile, \$2,625; North America, \$1,825; Royal, \$2,737.50; Quebec, \$1,625; Law, Union and Crown, \$3,000; Merchants', \$2,000; National, \$2,500; Economical, \$2,475. Merchants' Dyeing Company—Royal, \$15,000; Northern, \$5,000; Western, \$5,000; North America, \$2,500; Ottawa, \$5,000; Anglo-American, \$5,000; Waterloo, \$1,500; Atlas, \$5,000; Equity, \$5,000; Alliance, \$5,000; North British and Mercantile, \$5,000; Imperial, \$4,000; Queen, \$3,500; Scottish Union, \$3,000; Connecticut, \$2,500.—Mitchell, Ont., 24.—Advocate's plant damaged to extent of \$2,000 by gasoline explosion. Insured for \$1,600 in Economical of Berlin.—Hamilton, 24.—Residence of Mrs. C. Wood, suffered \$20 damage.—Bracebridge, Ont., 20.—Fire, which started in McCargar's flour store, caused the following losses: J. A. McCargar, loss on hardware stock, \$2,000; insured in Norwich Union for \$1,000; J. L. Fenn, on store, occupied by McCargar, \$1,800, no insurance; George Sibbett, loss on building \$500, insured in Phoenix of London, for \$200, on liquor stock, \$1,800, insured in Union for \$1,000; the Brown estate, loss on building \$1,500, insured in Phoenix of London, for \$800, on stock of general merchandise, \$5,000, insured in Norwich Union and Sun for \$3,500; Mrs. J. B. Brown, loss on millinery stock, \$200, no insurance; Dr. Williams, owner of the building, loss \$1,500, insured for \$1,000.—Toronto, 23.—Fensom Elevator Works suffered about \$4,000 damage; fully insured.—Amherst, N.S., 21.—Erecting shops of Rhodes, Currie & Co., destroyed. Loss heavy.—Kincardine, Ont., 22.—Building occupied by Mr. F. Cornell as a boot and shoe store and upper storey by Mr. D. McCallum as residence. Mr. Cornell's loss about \$600 on stock. D. McCallum, \$500 on effects, and the Williams estate, \$300 on building. The companies interested are the Equity, Gore and Perth Mutual.

#### DAIRY PRODUCE.

A private London circular, date 14th inst., treating of the dairy produce situation, says: Butter.—The short supplies of Australian butter now arriving, owing to the excessive drought in Victoria and New South Wales, are stiffening the market very much and values have again advanced another 2s per cwt. Choicest brands of both Australian and New Zealand are bringing 110s to 112s, while finest fetches 104s to 108s. The Victoria, which arrived this week, landed 11,008 boxes of Australian, and next week the Oroya will bring about 9,623 boxes. The Rome which follows carries only 3,703 boxes. There have been no New Zealand arrivals since last week, but the Maori is due in a day or two with 37,000 boxes. The demand for a shilling retail butter is keener than ever and the supply is very deficient. New Zealand "milled" butter of 1st Government grade has made 96s per cwt., and even more money is asked for Maori arrivals. The New Zealand Shipping Co. have greatly improved the discharge of butter from their steamers by the adoption of the endless chain and cradle system, which has been in use for meat for about two years. An inspection of the new system at work on the Tongariro the other day, proved that each chain and cradle machine landed over 1,000 boxes of butter per hour, so that if two holds were at work simultaneously, a vessel with the largest cargo that arrives could be discharged in a day or a day and a half. It is, therefore, a great pity that in loading the Tongariro, the butter was so badly stowed by being mixed among the frozen meat and frozen rabbits all over the ship, instead of all of it being discharged in 36 hours, it took over seven days.

The Copenhagen Official Quotation has again been raised by 4 kroner, and it now stands at 100 kroner, against 98 kroner last year at this date. The market is very firm in Copenhagen, and there seems every reason to believe that markets will remain firm for some weeks. Cheese.—The cold weather is somewhat checking the demand for cheese, but a fair business is being transacted, especially for goods about 46s to 48s. For choicest goods the demand is quiet.

White and coloured are both selling at equal values. The arrival of New Zealand cheese this season to date is very small compared with last year. The following are the quantities shipped for each of the last three seasons up to the middle of February: Season: 1899-1900, 26,833 cwts.; 1900-1901, 46,822 cwts.; 1901-1902, 18,000 cwts. Corresponding week in 1901, choicest Canadian cheese was quoted at 53s to 54s, and finest at 51s to 52s.

#### HAMILTON PROVIDENT & LOAN SOCIETY.

We are favoured with a copy of the last annual report of this Company in advance of its being placed before the annual meeting to be held on Monday next, particulars of which will duly appear in our columns.

The Company and Management are to be congratulated upon the business of the year. The gross profits amount to \$188,000, and the actual amount paid in for interest foots up \$191,000, showing remarkably good mortgage accounts. The farmers in Ontario, as is very well known, have done well of late, while the crops in Manitoba have been such as to satisfy the expectations of the most sanguine. The product of two and a half million acres in Manitoba and the North-West reached sixty million bushels, and there is yet of similar land ready for the plough 250,000,000 acres which should be an enormous field for the employment of capital for many years to come. It is in the promotion and development of such progress in our new and fertile regions in the North-West, as well as throughout the Dominion, that companies like the Hamilton Provident & Loan Society find a large proportion of their usefulness.

#### IN FAVOR OF BRANTFORD.

The Mayor of Brantford, Ont., on behalf of the committee, has, it is stated, written to Mr. Frank W. Morse, third vice-president of the Grand Trunk, accepting the company's offer to run the main line into the town in consideration of its paying \$57,000 towards the work. The Mayor has further recommended the City Council to submit a by-law to the ratepayers for their approval and adoption.

#### Correspondence

##### LET IT SHINE.

To the Editor of the Journal of Commerce:

Dear Sir,—The Journal of Commerce of the 14th failed to come to hand, but I got it to-day at your office. On page 827 I notice that the Merchants' Cotton Company have had their annual meeting. Why is it you do not publish the report of the Company. I do not see why cotton companies, as well as railways and gas companies and light companies and steel companies should not let the shareholders who do not attend annual meetings have the necessary information through papers such as yours.

Stir 'em up.

Your truly,

T.C.

Montreal, 22 Feb., 1902.

#### Meetings, Reports, &c.

##### THE DOMINION SAVINGS & INVESTMENT SOCIETY.

The Twenty-ninth Annual Meeting of the Shareholders of the Dominion Savings and Investment Society was held at their Offices, Temple Building, London, on Tuesday, Feb. 11th, at 11 a.m.



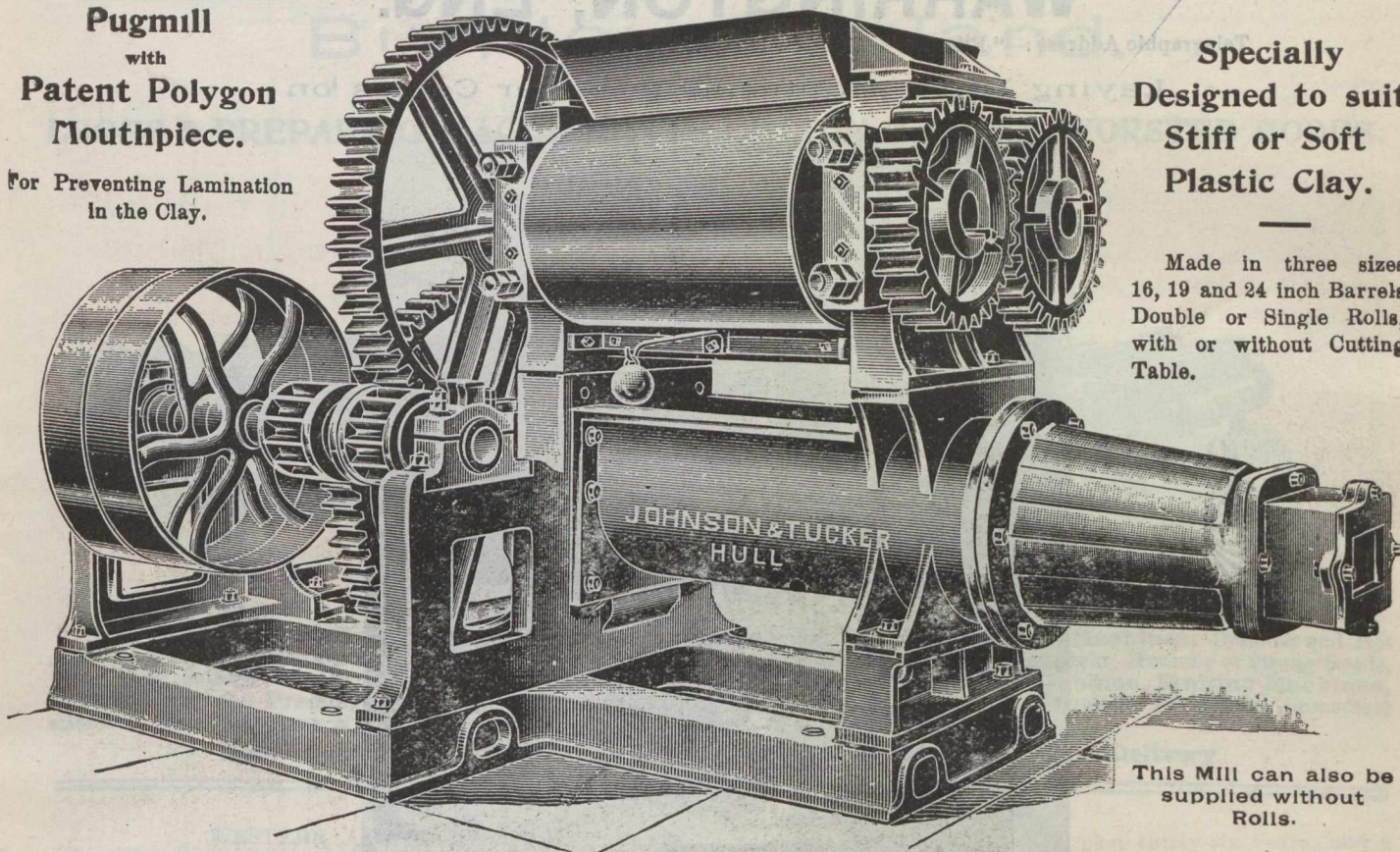
# Johnson & Tucker

Wilmington,  
Hull, England.

(Late SHEPHERD, HILL & Co.,

**Pugmill**  
with  
**Patent Polygon**  
**Mouthpiece.**

For Preventing Lamination  
in the Clay.



**Specially**  
**Designed to suit**  
**Stiff or Soft**  
**Plastic Clay.**

Made in three sizes  
16, 19 and 24 inch Barrels  
Double or Single Rolls,  
with or without Cutting  
Table.

This Mill can also be  
supplied without  
Rolls.

The President, Mr. T. H. Purdom, K.C., occupied the chair, and Mr. Nathaniel Mills, the Manager, acted as Secretary. There were present, also the Rev. J. Herbert Starr and W. J. McMurtry, Toronto; and Messrs. John Ferguson, Alfred Robinson, Samuel Wright, John Purdom, James T. Moses, Alexander Purdom, Duncan Campbell, Francis Love; Wm. Bettridge, M.B., Strathroy, and others.

The Secretary read the report.

Report of the Dominion Savings and Investment Society  
For the Year Ending December 31st, 1901.

To the Shareholders of the Dominion Savings & Investment Society:

The Directors beg leave to submit the Twenty-ninth Annual Report of the affairs of the Society:

The net earnings amounted to the sum of \$50,761.90, out of which two half yearly dividends at the rate of four per cent. per annum, amounting to the sum of \$37,381.37 were paid, the sum of \$10,000.00 added to the Reserve Fund, and the balance, \$3,380.53, carried to the Contingent Account.

The sum loaned during the year was \$325,011.90, selected from loans applied for amounting to the sum of \$498,141.16

The Directors regard the results for the year as satisfactory. They vary little from those of previous years. The assets and liabilities and the net earnings remain in about the same relative position toward each other as last year. The Savings Bank shows an increase of deposits. The amount on deposit 31st December, 1900, being \$783,571.47, and the amount on deposit 31st December, 1901, being \$827,721.55.

The Manager and other officers of the Society have continued to give the same care and attention to business as formerly.

The books of the Society have been regularly audited by Messrs. J. K. McDermid and John Lochead, with the result which appears by the certificate attached to the statement.

All the Directors retire annually, and are eligible for re-election.

Respectfully submitted,

T. H. PURDOM, President.

## FINANCIAL STATEMENT FOR THE YEAR ENDING December 31st, 1901.

### Profit and Loss.

#### Dr.

To Two Permanent Stock Dividends—	
30th June, 1901 .. . . . .	\$18,684 00
31st Dec., 1901.. . . . .	18,684 00
	\$37,368 00
“ Two Accumulating Stock Dividends—	
30th June, 1901 .. . . . .	6 62
31st Dec., 1901 .. . . . .	6 75
	13 37
“ Interest paid Savings Bank Depositors .. . .	27,223 06
“ General Expense Account, including Salaries, Directors' and Auditors' Fees, Advertising, Printing, etc. . . . .	8,710 41
“ Amount paid for Office Fixtures, Furniture, etc. . . . .	542 92
“ Commission Account .. . . . .	1,475 19
“ Sterling Debenture Coupons .. . . . .	8,869 76
“ Sterling Debenture Coupons (interest ac- crued but not due) .. . . . .	1,193 33
“ Currency Debenture Coupons .. . . . .	7,411 45
“ Currency Debenture Coupons (due 1st Jan., 1902 .. . . . .	3,167 15
“ Municipal Taxes .. . . . .	571 82
“ Government Tax and Registration .. . . . .	762 75
“ Carried to Reserve Fund .. . . . .	10,000 00
“ Surplus Carried to Contingent Account .. . .	3,380 53
	\$110,689 74

#### Cr.

Earnings for year ending 31st December, 1901 ..	\$110,689 74
	\$110,689 74

### Assets and Liabilities.

#### Dr.

Liabilities to the Public:	
To Savings Bank Depositors .. . . . .	\$827,721 55
“ Sterling Debentures .. . . . .	243,285 65

# The St. Helens Cable Co., Ltd., WARRINGTON, ENG.

Telegraphic Address :—" Filature." Code, "Lieber's."

Laying DIA's Impregnable Paper Cables on



WESTMINSTER BRIDGE, LONDON, Eng.

**NOTE—Buy British Cables, under the New Canadian Preferential Tariff, 33½ in favour of English Goods.**

" Sterling Debentures (interest accrued but not due) . . . . .	1,193 33
" Currency Debentures . . . . .	199,214 72
" Currency Debentures (Coupons due 1st January, 1902) . . . . .	3,167 15
	\$1,274,582 40

To the Shareholders:	
To Permanent Stock . . . . .	934,200 00
" Permanent Stock (Dividend due 1st January, 1902) . . . . .	18,684 00
" Accumulating Stock and Dividends . . . . .	344 68
" Reserve Fund . . . . .	40,000 00
" Contingent Account . . . . .	20,805 07
	\$2,288,616 15

Cr.

By Cash value of Mortgages and other Securities (discounted at the rates they bear)	\$2,262,605 27
" Cash in Bank of Toronto . . . . .	22,621 94
" " Traders' Bank of Canada . . . . .	170 92
" " Union Bank of Scotland . . . . .	757 07
" " National Bank of Scotland . . . . .	755 65
" " Office . . . . .	705 30
" Office fittings . . . . .	1,000 00
	\$2,288,616 15

NATHANIEL MILLS, Manager.

London, January 25th, 1902.

We hereby certify that we have made a regular audit of the books of the Dominion Savings & Investment Society during the year 1901. The cash, bank accounts and vouch-

ers have been kept under careful examination. All postings have been checked, all entries in the Society's Ledgers have been verified, and the accompanying statements of "Profit and Loss" and "Assets and Liabilities" are a correct showing of the affairs of the Society.

J. K. McDERMID,  
JOHN LOCHEAD,

Auditors.

Mr. Purdom, the President, moved the adoption of the report, seconded by Mr. John Ferguson. Mr. Purdom, in moving the adoption of the report, stated that he regarded the report as favorable. The balance in the Savings Bank on December 31st, 1900, was \$783,571.47, and on December 31st, 1901, it was \$827,721.55. The amount carried to the Reserve Fund was equal to one per cent. of the subscribed capital. The efforts of the management had not been relaxed. He considered the outlook favorable, and believed the Society would steadily improve its position. The total assets now amounted to the sum of \$2,288,616.15. The report was adopted.

The following gentlemen were then elected Directors unanimously: T. H. Purdom, K.C.; John Ferguson; W. J. McMurtry, Toronto; Wm. Bettridge, M.B., Strathroy; Rev. J. Herbert Starr, Toronto; Francis Love; Hon. David Mills, Justice Supreme Court; and Samuel Wright.

On motion Messrs. John Lochead and J. K. McDermid were appointed auditors.

After a vote of thanks to the President, Directors and Officers for their services during the year, the meeting adjourned.

At a subsequent meeting, T. H. Purdom, K.C., was re-elected President, and John Ferguson, Esq., Vice-President.

# Butterworth & Dickinson,

TELEGRAPHIC ADDRESS :

"Globe Burnley,"

Globe and Saunder Bank Iron Works,  
Burnley, England.

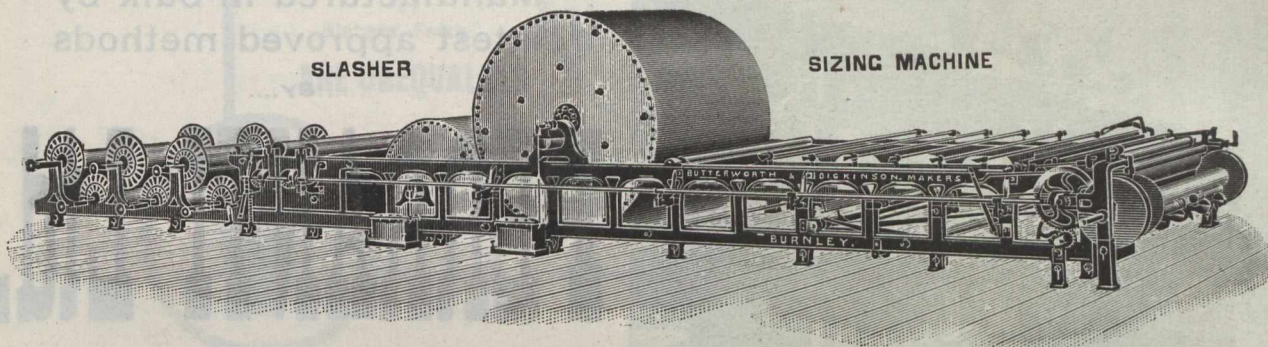
A. I. and

A. B. C.

Codes.

Makers of all kinds of

**LOOMS & PREPARING MACHINERY for COTTON, LINEN & WORSTED GOODS.**



Cop, Ring-Bobbin and Hank Winding Frames Self-stopping and Sectional Warping Machines. Cylinder and Hot Air Slasher Sizing Machines. Looms of various Types, Strengths and Widths, for weaving Light Medium or Strong Goods, Plain, Twill, Satteen or Serge. Drop-Box and Revolving Box Looms for Checks, Oxfords, etc. Dobbies, Plaiting Machines, Hydraulic Piece Presses, Malleable Iron Flanges for Warpers' and Loom Beams. Enquiries will receive immediate attention. Estimates given F.O.B., Liverpool.

**Up-to-date Machinery of the best construction. Low Prices. Prompt Delivery.**

## WESTERN ASSURANCE CO.

The annual meeting of shareholders was held at the company's offices, Toronto, on Wednesday, 19th February, 1902. The President, Hon. Geo. A. Cox, occupied the chair.

The following annual report of the directors, with accompanying financial statement, was then read by the Secretary:

### Fifty-first Annual Report.

The directors have pleasure in submitting to the shareholders their report on the transactions of the company for the past year.

The net premium income amounted to \$3,292,629, and the earnings from interest were \$86,527. After providing for losses and expenses the revenue account shows a profit balance of \$189,048. Of this amount \$129,613.84 has been applied to the payment of two half-yearly dividends at the rate of 8 and 6 per cent. per annum, respectively, and after writing off the sum of \$11,675.45 to bring the securities to market value at 31st December, the balance \$47,759.08 is added to the reserve fund. The reduction in dividend for the last half year was decided upon in order to permit of a more substantial addition to the company's reserve than could otherwise have been made, as the profits of the fire branch were materially affected by the exceptionally heavy losses in the early part of the year, including the conflagration in Montreal in January, 1901. The Marine income was somewhat less than that of the year 1900, but the business of this branch shows a fair margin of profit, after providing for losses and the proportion of expenses chargeable against it.

The estimated liability on unexpired risks at 31st December, calculated at 35 per cent. of the year's fire premium, with full provision for all unexpired Marine risks, is \$969,210. It should be noted that, although an increase is shown of some 12 per cent. in the premium income as compared with that of the preceding year, there is not a corresponding increase in the actual liability, or amount at risk, owing to the advanced rates that have been obtained on a large proportion of the business on the company's books.

The directors regret to have to record the death during the year of Mr. Robert Beatty, who had been a valued

member of the board for the past thirty-six years, and a shareholder of the company since its organization.

Two calls of \$100,000 each of the \$1,000,000 additional capital which had been called up had not matured at the close of the year; but owing to the majority of the shareholders having availed themselves of the privileges of anticipating these payments, there remained on the 31st December less than \$60,000 of this amount unpaid.

The security which the company now affords its policyholders is as follows:

Capital paid-up 31st December last . . . . .	\$1,940,370.00
Calls in course of payment . . . . .	59,630.00
	\$2,000,000.00
Reserve fund . . . . .	1,050,553.16
	Total fund . . . . .
	\$3,050,553.16

### FINANCIAL STATEMENT FOR THE YEAR ENDING

December 31st 1901.

Revenue Account.

Dr.

Fire losses, including an appropriation for all losses reported to December 31st, 1901 . . .	\$1,570,025.56
Marine losses, including an appropriation for all losses reported to December 31st, 1901 . . .	596,981.87
General expenses, agents' commissions, etc. . .	1,023,101.47
Balance to profit and loss . . . . .	189,048.37
	\$3,379,157.27

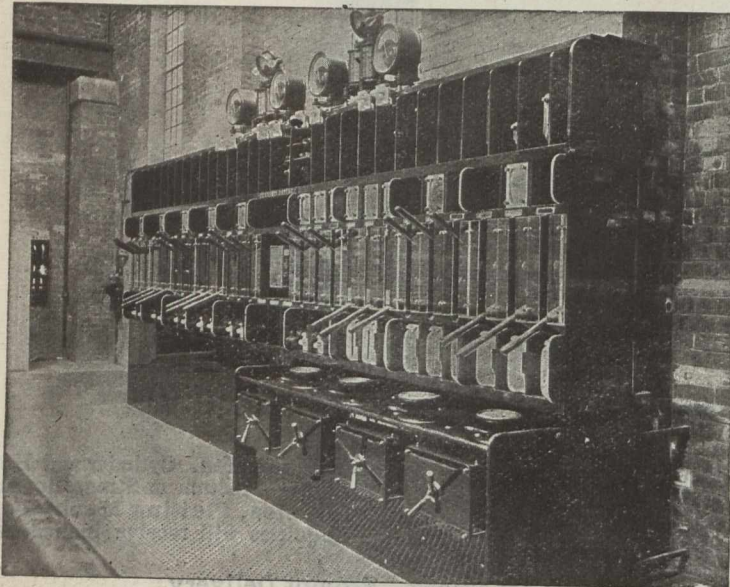
Cr.

Fire premium . . . . .	\$2,974,428.08
Less re-insurance . . . . .	513,825.93
	\$2,460,602.15
Marine premium . . . . .	\$1,108,794.07
Less re-insurance . . . . .	276,766.49
	832,027.58
Interest . . . . .	86,527.54
	\$3,379,157.27

ALL APPLIANCES REQUIRED

.....FOR.....

**Electrical Power**  
**Transmission & Distribution.**



Ferranti Three-Phase 6000-Volts Switchgear.

Manufactured in bulk by latest approved methods

.....BY.....

**FERRANTI Ltd.**

Electrical and General Engineers,

**HOLLINWOOD,**

**Lancashire, Eng.**

Write for Illustrated and Descriptive Pamphlets sent Post Free on Application.

Profit and Loss Account.

Dr.

Dividend No. 80 .....	\$72,248.27	
Dividend No. 81 .....	57,365.57	
		\$129,613.84
Written off investments .....		11,675.45
Balance reserve fund Dec. 31st, 1901..	1,050,553.16	
		\$1,191,842.45

Cr.

Reserve fund at December 31st, 1900 .....	\$1,002,794.08
Balance of revenue account .....	189,048.37
	\$1,191,842.45

Assets.

United States and State bonds .....	\$175,103.00
Dominion of Canada stock .....	66,657.00
Bank, loan company, and other stocks .....	473,124.10
Company's building .....	65,000.00
Municipal bonds and debentures .....	823,853.09
Railroad bonds .....	559,570.24
Cash on hand and on deposit .....	259,555.93
Bills receivable .....	124,882.20
Mortgages .....	32,550.00
Due from other companies—current accounts ..	185,412.04
Interest due and accrued .....	10,085.45
Furniture, maps, plans, etc., at head office and branches .....	66,141.53
Agents' balances and sundry accounts .....	418,697.72
	\$3,260,632.30

Liabilities.

Capital stock paid up .....	\$1,940,370.00
Losses under adjustment .....	212,343.57

Dividend payable January, 1902. . . . .	57,365.57
Reserve fund .....	1,050,553.16
	\$3,260,632.30

Re-Insurance Fund.

Reserve to cover estimated liability on outstanding risks .....	\$969,210.00
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GEO. A. COX,

President.

J. J. KENNY,

Vice-Pres. and Man. Dir.

Western Assurance Co.'s Offices,  
Toronto, Feb. 13th, 1902.

Auditors' Report.

To the President and Directors of the Western Assurance Company:

Gentlemen,—We hereby certify that the books of the company have been audited and the vouchers and securities relating thereto have been examined for the year ending December 31st, 1901, and the same are carefully kept, correct and properly set forth in the above statement.

(Signed),

JOHN M. MARTIN, F.C.A.,  
R. F. WALTON,

Auditors.

Toronto, Feb. 13th, 1902.

The President's Address.

The President, in moving the adoption of the report, said:

The statements that have just been read, which with the directors' report have been in the hands of the shareholders for some days, indicate, I think, very clearly the general results of the business of the company for the past year; but in moving the adoption of the report I am glad

**"RED HAND"**

**ROOFING**

Foundation Felts.  
Inodorous Felts.  
Slaters' Felts.

**ARE UNEQUALLED**

**FELTS,**

Dry Hair Felts.  
Silicate Cotton  
Patent Hair Fabric.

**THE WORLD OVER**

Manufactured by  
**D. ANDERSON & SON, Ltd.,** Lagan Works, Belfast. IRELAND  
Hand-books with your Specialities, Name and Address, free.

**LOYALTY TO THE TRADE IS OUR MOTTO.**

to avail myself of the opportunity of enlarging somewhat upon the matters with which it deals.

You will have noted that there has been a considerable increase in the company's premium income, and perhaps the most encouraging feature in connection with the transactions of the year is the evidence which our records afford that the growth in this is due as much to the higher rates obtained on the risks we have been carrying as to an increase in the amount of business we have assumed. It will also be observed that, after deducting from the balance shown in the revenue account the amount received from interest on investments, there remains \$102,521, which represents the difference between the premium receipts and the losses and expenses for the year—or what may be termed the "underwriting profit." Taking into account the volume of business transacted, it must be admitted that this balance on the underwriting transactions of the year is a very moderate one, being equal to about three per cent. on the premium income—which would scarcely be regarded as an adequate return in any ordinary business. It is true that out of the year's receipts some conflagration losses of considerable magnitude had to be provided for. Such disasters we have regarded in the past as rare occurrences, or at least as events which warranted our treating any year in which one occurred as exceptional. The experience of late years, however, is leading companies to regard these as a much more important factor than formerly in the fixing of rates.

In presenting our report to shareholders a year ago I referred at some length to the unprofitable results of the fire insurance business on this continent, and expressed the hope that the advanced rates which were being adopted by companies generally would place it on a more satisfactory footing than it had been during the preceding two years; and, while I am pleased to be able to say that much has been done in the direction of securing more adequate rates, the feeling among fire underwriters is that there are many classes of risk, and many cities and towns, where further advances are necessary, and the various rating organizations are adjusting their tariffs to meet the requirements of present conditions. There can be no doubt that there has been an increase in the fire waste on this continent altogether out of proportion to the growth in the value of property. By many this is thought to be largely due to the extensive use of electricity for light and power, and an examination into the causes of fires in which our own company has been interested goes far to sustain this theory. This is a comparatively new hazard and one which will doubtless be overcome in a large measure when its weak points are better understood. It would appear also that the fire hazard on this continent has been

increased—though this may appear an anomaly—by the industrial prosperity of the past two years; for it is a well recognized fact that in times when manufacturing establishments are compelled to work their machinery and their employees overtime, there is always a marked increase in losses upon this class of property. But, whatever the causes of the greater fire losses which are being experienced may be the inevitable effect must be higher rates; for the protection afforded by fire insurance companies—without which the trade and commerce of the country would become paralyzed—will only be maintained permanently on a basis of rates that will afford a fair return upon the capital invested in the business. As I have said, considerable progress has been made in this direction—more especially throughout Canada. In the United States, owing to the larger number of companies doing business there it has been more difficult to secure concerted action; but improvements have been made in many quarters, and the two serious conflagrations reported during the past fortnight at Waterbury and Paterson—following closely, as they do, a year which has proved unprofitable to almost all companies operating in that field, will, I feel assured, lead to prompt measures being taken to reimburse them for losses that have been sustained.

Taking into account the conditions that we have had to meet in our business, and which I have endeavored to briefly outline, your directors, as intimated in their report, deemed it wise to reduce the dividend for the last half year, making it at the rate of six per cent. per annum, feeling assured that conservative action in this direction would meet with the approval of the shareholders.

I am glad to be able to say in reference to the London branch of the company, opened two years ago, that it continues to progress satisfactorily. While on a visit to Great Britain last summer I had an opportunity of meeting our chief representatives there, and I feel that we are fortunate in having secured the services of energetic and capable underwriters to look after our interests. I would express our appreciation of the services rendered to this branch by our London Board of Directors.

I desire also to acknowledge the good work performed by the officers, branch managers and agents of the company generally during the past year.

The Vice-President seconded the adoption of the report which was carried unanimously. The election of directors for the ensuing year was then proceeded with, resulting in the unanimous re-election of the following gentlemen, viz.: Hon. Geo. A. Cox, Hon. S. C. Wood, Messrs. G. R. R. Cockburn, Geo. McMurrich, H. N. Baird, W. R. Brock, J. K. Osborne, and J. J. Kenny, and the election of Mr. E. R.

ESTABLISHED 1848.

# M. WOODWARD & SONS, Ltd.,

## WHOLESALE & EXPORT



### Manufacturing Confectioners,

Manufacture and Office :

Wavertree, - Liverpool, Eng.

Telegraphic Address: "TOXTETH, Liverpool."

Telephone 44, Wavertree.

Wood to fill the vacancy caused by the death of the late Mr. Robert Beaty.

At a meeting of the Board of Directors, held subsequently, Hon. Geo. A. Cox was re-elected President, and Mr. J. J. Kenny Vice-President for the ensuing year.

#### THE HOME SAVINGS AND LOAN COMPANY, LIMITED.

The Twenty-third Annual General Meeting of the Shareholders was held in the Company's Office, No. 78 Church street, Toronto, on Thursday, February 20th, 1902, at 12 o'clock noon.

The President, Mr. Eugene O'Keefe, occupied the chair; and the Manager, Mr. James Mason, acted as Secretary.

The Minutes of the last Annual General Meeting, held 21st February, 1901, were upon motion to that effect, taken as read, and were confirmed.

The Annual Report and Statement was then presented, and upon motion of the President, seconded by the Vice-President, Mr. John Foy, was adopted.

#### ANNUAL REPORT AND STATEMENT.

The Directors beg to submit the Twenty-third Annual Report, with accompanying Financial Statement, duly audited, showing the result of the Company's business for the year ended 31st December, 1901, and its position on that day.

The business of the year was satisfactory.

After paying and providing for two half-yearly dividends, at the rate of seven per cent. per annum, and paying all expenses, including salaries, printing, advertising, auditors' fees, Government tax and commission on loans, and providing for Directors' compensation, there remained a balance of \$12,543.39. Of this sum, \$10,000.00 is added to the Contingent Account, and the remainder, \$2,543.39, placed to the credit of Profit and Loss Account.

The Reserve Fund stands at \$200,000, being equal to the Paid-up Capital, and the Contingent Account is \$65,000.

Deposits increased \$188,000. Loans on Collaterals increased \$165,000 and Mortgage Loans decreased \$29,000.

All of which is respectfully submitted.

EUGENE O'KEEFE, President.

Toronto, Feb. 3rd, 1902.

#### STATEMENT OF ASSETS AND LIABILITIES,

31st December, 1901.

##### Assets.

Loans on Collaterals of Stocks, Bonds and Debentures .....	\$1,853,535.79
Real Estate Mortgages and Securities .....	820,355.23

Debentures .....	98,160.00
Real Estate, including Office Premises .....	36,321.38
Cash in Bank .....	\$165,536.06
Cash on hand .....	1,657.68
	<hr/>
Office Furniture .....	167,193.74
	1,200.00
	<hr/>
	\$2,976,766.14

##### Liabilities.

Capital Stock, authorized, \$2,500,000.00; subscribed, \$2,000,000.00, upon which has been paid ten per cent., amounting to .....	\$200,000.00
Reserve Fund .....	200,000.00
Due Depositors, Principal and Interest .....	2,499,722.75
Dividend, payable 2nd January, 1902. ....	7,000.00
Directors' Compensation .....	2,500.00
Contingent Account, as on 31st Dec., 1900. ....	\$55,000.00
" added 31st Dec., 1901. ....	10,000.00
	<hr/>
Balance Profit and Loss Account .....	65,000.00
	2,543.39
	<hr/>
	\$2,976,766.14

##### PROFIT AND LOSS.

##### Dr.

- Interest Paid and Credited Depositors .. ..	\$78,462.56
Expenses of Management, including Government Tax, Commissions on Loans, etc. ....	17,080.82
Auditors' Fees .....	900.00
Directors' Compensation .....	2,500.00
Dividend, paid 2nd July, 1901 .. .. .	\$7,000.00
Dividend payable 2nd January, 1902 ..	7,000.00
	<hr/>
Balance Appropriated as follows:—	
Added to Contingent Account. ....	\$10,000.00
To Credit of Profit and Loss Account. ....	2,543.39
	<hr/>
	\$125,486.77

##### Cr.

Earnings for the year .....	\$123,974.97
Balance Profit and Loss Account last year .. ..	1,511.80
	<hr/>
	\$125,486.77

JAMES MASON, Manager.

We hereby certify that we carefully examined the Books, Receipts and Vouchers, of The Home Savings and Loan Company, Limited, for the year ending 31st December, 1901,

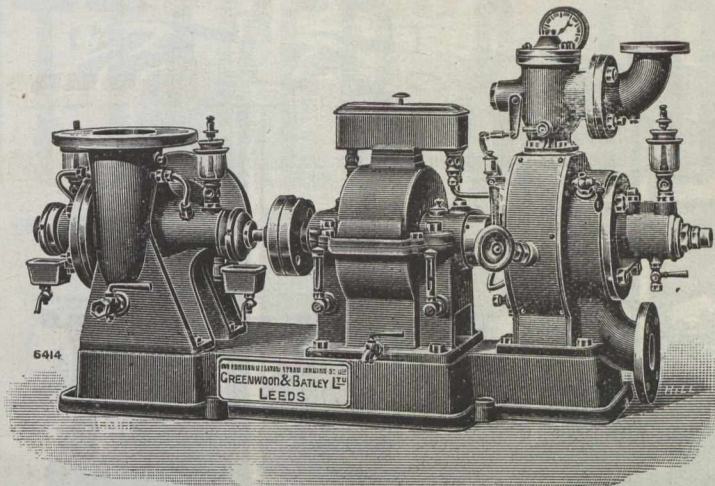
Machines in use, 2402

HP. 71,786.

Made from 1½ to 300 HP.

# The De Laval Patent Steam Turbines, Turbine Dynamom. Turbine Pumps & Fans,

Agents for Australasia:  
**JAMES BARTRAM & SON, Melbourne.**



Agents for Egypt:  
**ALLAN, ALDERSON & CO., Alexandria and Cairo**

No. 6414. DE LAVAL PATENT STEAM TURBINE PUMP,  
5 B. H. P. TYPE B. P.

Sole Licensees for Great Britain and all Colonies and Dependencies, China, Japan and Egypt:

**THE ENGLISH DE LAVAL STEAM TURBINE CO., Ltd., Leeds, Eng.**

SOLE SELLING AGENTS:

# Greenwood & Batley, Ltd.,

## ALBION WORKS, LEEDS, Eng.

To whom all Communications should be Addressed.

also the Securities and Cash on hand, and found the same correct and in accordance with the above Statement.

**J. M. SULLIVAN,**  
**J. G. HALL,**  
Auditors.

Toronto, Feb. 3rd, 1902.

Moved by Mr. Thomas R. Wood, seconded by Mr. Thos. Long, "That the thanks of the Shareholders be and are hereby tendered to the President and Directors for their careful attention to the affairs of the Company during the past year."—Carried.

Moved by Mr. M. O'Connor, seconded by Mr. James Gunn, "That the thanks of the Shareholders are due and hereby given to the Manager and other Officers of the Company for the efficient manner in which they performed their respective duties during the past year."—Carried.

Moved by Mr. J. J. Foy, K.C., seconded by Mr. Edward Stock, "That Messrs. John M. Sullivan and John G. Hall, be the auditors of the Company for the ensuing year; and that each be paid the sum of \$450 for their services."—Carried.

Moved by Mr. John Foy, seconded by Mr. Wm. T. Murray, "That the poll be now open for the election of Directors, and that the same be closed whenever five minutes shall have elapsed without a vote having been tendered; and that Messrs. James Gunn and R. B. Street be the scrutineers to take the vote; and that they report the result to this meeting."—Carried.

The election was then proceeded with, the result of the ballot being the election of the following: Messrs. Eugene O'Keefe, John Foy, Edward Stock, John Ryan and William T. Murray.

On motion the chair was taken by Mr. Thos. R. Wood, and a vote of thanks was tendered the President for his conduct in the chair.

The meeting then adjourned.

At a meeting of the New Board, held immediately after

the close of the above, Mr. Eugene O'Keefe was re-elected President, and Mr. John Foy re-elected Vice-President of the Company.

### THE CANADA PERMANENT & WESTERN CANADA MORTGAGE CORPORATION.

The Second Annual General Meeting of Shareholders of The Canada Permanent and Western Canada Mortgage Corporation was held in the Head Office of the Corporation, Toronto, on Monday, the 24th day of February, at Twelve o'clock noon.

The President, Mr. George Gooderham, being absent from the city, the First Vice-President, Mr. J. Herbert Mason, occupied the chair. The Secretary, Mr. George H. Smith, was appointed Secretary of the Meeting, and read the report of the Directors and General Statement for 1901, which are as follows:

#### DIRECTORS' REPORT.

The Directors of The Canada Permanent and Western Canada Mortgage Corporation herewith present to the Shareholders the Second Annual Statement of the Company's affairs.

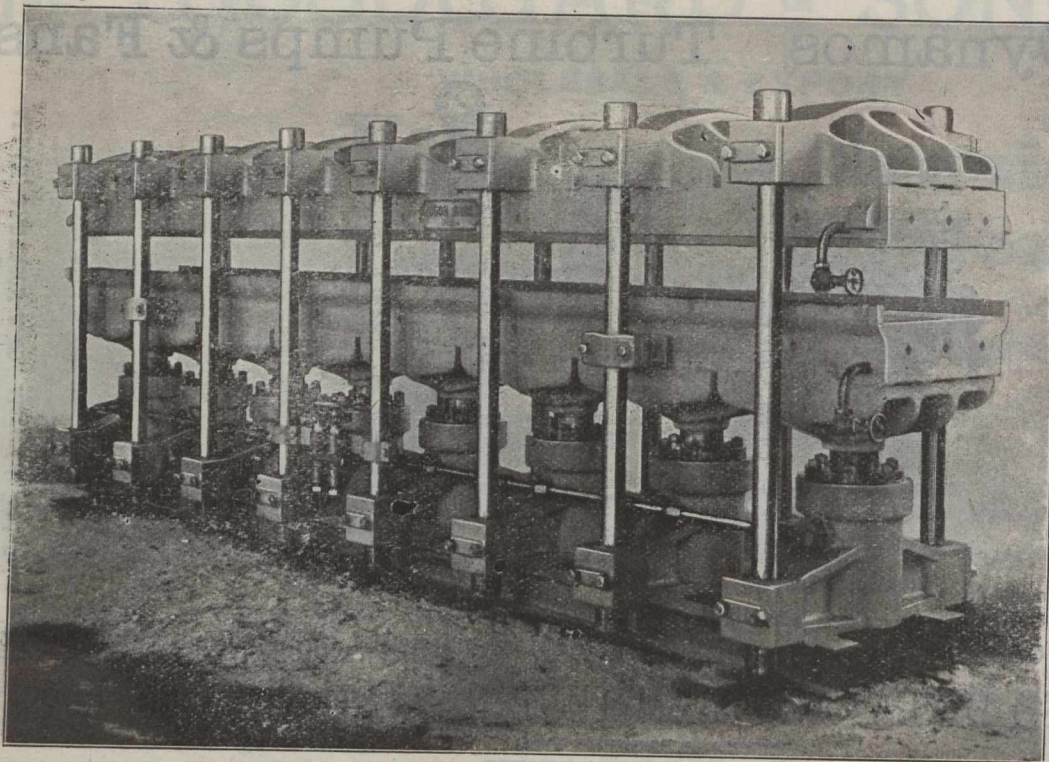
The net earnings amounted to \$385,870.90, which, with \$106,015.59 brought over from the previous year, making a total of \$491,886.49, were appropriated as follows:

Two half-yearly Dividends of three per cent. each on Capital Stock .. . . . . .	\$357,081 00
Provincial and Municipal Taxes on Business .. . . . . .	4,407 60
Leaving Surplus Profits carried forward .. . . . . .	130,397 89

\$491,886 49

The Directors are glad to be able to report that, availing themselves of the opportunities afforded by the pre-

# IDDON BROTHERS



**INDIA  
RUBBER  
ENGINEERS.**

Brookfield Iron  
Works,  
**LEYLAND,**  
nr. Preston,  
ENGLAND.  
•  
**Engineers and  
Rubber Machinists,**

Plans for erection and Com-  
pletion of New Rubber Works  
throughout, on the most mo-  
dern principle.

•  
SPECIALITIES: All kinds of  
Rubber Machinery.

**SPECIAL NOTE:** Buyers of Rubber Machinery, have  $33\frac{1}{3}$  p.c. in their favor by purchasing from the Makers and Inventors in England under the new Canadian Preferential Tariff.

vailing prosperity in the Provinces of Ontario and Mani-  
toba, strenuous efforts were put forth to dispose of the  
properties on hand, taken over from the Companies com-  
bined in this Corporation, and so successfully that more  
than one-half in number and value of these properties were  
sold during the year and have now become active interest-  
yielding securities.

The funds placed with the Company for investment show  
a substantial increase from \$14,967,889 to \$15,436,879.

The demand for money has been good throughout the  
year and the Company's funds have been constantly em-  
ployed at a satisfactory average rate of interest. The obli-

gations of the Company's numerous customers for payment  
of interest and repayment of principal have been met with  
more than usual regularity and promptness.

The Directors deeply regret to have to record the death  
on 4th January last of the respected General Manager of  
the Company, Mr. Walter S. Lee.

At the request of the Board, the First Vice-President,  
Mr. J. Herbert Mason, has accepted the position of General  
Manager under the title of Managing Director.

All which is respectfully submitted.

GEORGE GOODERHAM, President.

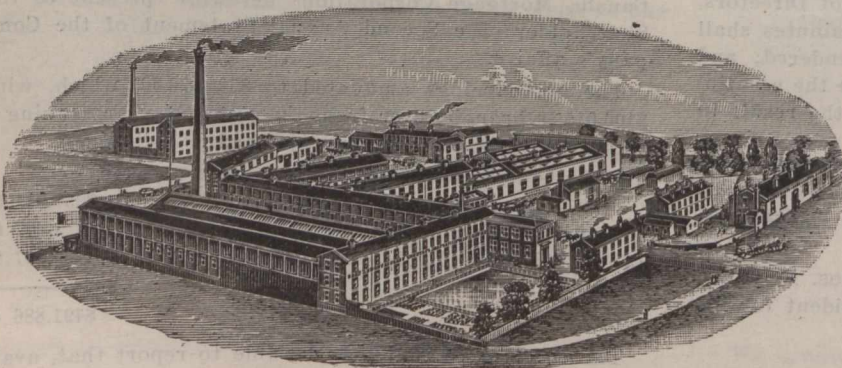
Telegraphic Address:  
"HASTE, BRAMLEY, LEEDS."

## Haste & Brown,

Hough End Tannery,

**BRAMLEY, LEEDS, - Eng.**

—Tanners, Curriers,-  
Enamellers & Japanners.



**Russet Lining Bellies and Shoulders, of Light  
Substance, Soft, Bright and Dry Finish.**

**ENAMELLERS and JAPANNERS of the finest goods  
in ENAMELLED and JAPANNED LEATHERS in  
SHOULDERS and HIDES, SEALSKINS and CALF  
SKINS in Black and Colours.**

NOTE.—The "Eagle" Perfection Brand is the motto for the High-  
class Standard of Selection and Quality in these Goods.



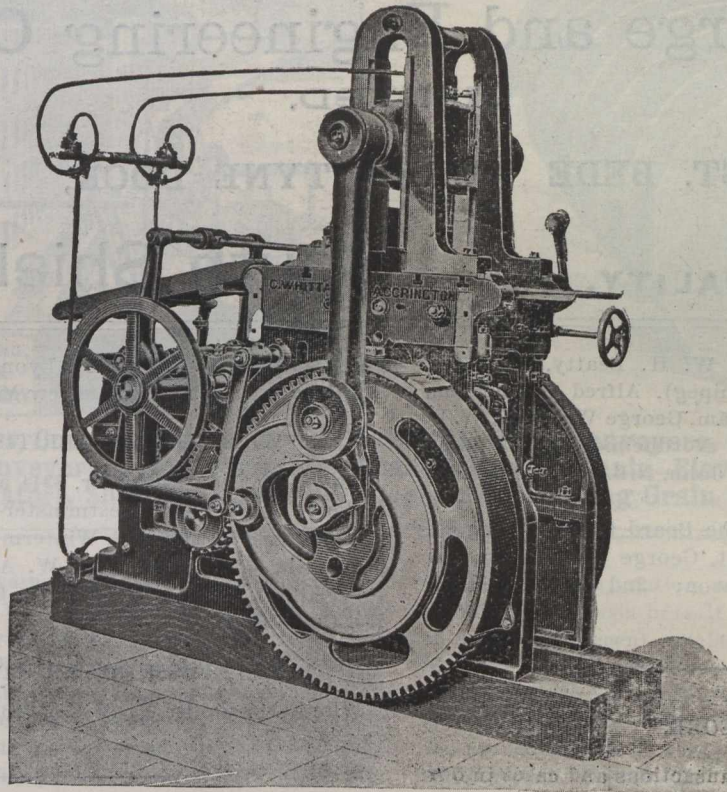
Enamelled Shoulders. Enamelled Sealskins.  
Enamelled and Japanned Hides. East India  
Kips, Offal, etc., Waxed or Russet Kip Butts.  
Levant Kip Shoulders and Bellies. Levant  
Imitation Seal Grains. Split and Russet Should-  
ers for Enamelling. Japanned Shoulders (in  
black and colors). Japanned Seal Splits  
Japanned Hide Splits. Waxed Kip and Calf  
Butts. Rough Kip Butts for Laces or Waxing  
purposes. Large assortments always on hand  
Stained Hide and Kip Bellies, etc. to any shade  
and requirement.



# ..Clay-working Machinery..

Manufactured by

# C. WHITTAKER & CO., LTD.



Dowry Street  
Iron Works,

**ACCRINGTON** Lancashire, England.

Telegraphic Address, "Bricks," Accrington. A.B.C., 4th Edition, A.I., Engineering.

GENERAL STATEMENT, 31st December, 1901.

Liabilities.	
Liabilities to the Public.	
Deposits and Interest . . . . .	\$1,854,957 36
Debentures—Sterling—and Interest (£1,979,722 17s) . . . . .	9,634,651 22
Debentures—Currency — and Interest . . . . .	2,977,130 12
Debenture Stock and Interest (£199,343 18s. 5d.) . . . . .	970,140 42
Sundry Accounts . . . . .	11,127 17
	\$15,448,006 29
Liabilities to Shareholders.	
Capital Stock . . . . .	\$5,951,350 00
Reserve Fund . . . . .	1,490,057 38
Dividend No. 4 . . . . .	\$178,540 50
Dividends Unclaimed . . . . .	63 90
	178,604 40
Balance of Profits carried forward . . . . .	130,397 89
	7,750,409 67
	\$23,198,415 96
Assets.	
Mortgages on Real Estate . . . . .	\$20,758,101 74
Advances on Bonds and Stocks . . . . .	1,017,715 25
	\$21,775,816 99

Municipal Debentures . . . . .	507,932 35
Real Estate . . . . .	212,299 79
Office Buildings -- Toronto and Winnipeg . . . . .	349,523 57
Office Furniture . . . . .	12,627 41
Cash on hand and in Bank . . . . .	340,215 85
	\$23,198,415 96

J. HERBERT MASON,  
Managing Director.

We have made an audit of the books and accounts of The Canada Permanent and Western Canada Mortgage Corporation for the fiscal year ending 31st December, 1901, and, in accordance therewith, certify that the attached statements of Profit and Loss and the General Balance Sheet are true exhibits of the results of the operations of the Corporation for the said fiscal year, and of its condition as of 31st December, 1901, as shown by said books and accounts.

J. E. BERKELEY SMITH,  
A. E. OSLER,  
HENRY BARBER, F.C.A.,  
Auditors,

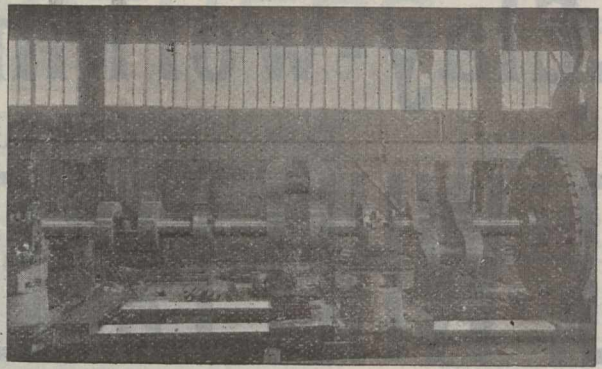
Toronto, 10th February, 1902.

The Report was unanimously adopted. Scrutineers having been appointed, the election of Directors was held, resulting in the re-election of Messrs. George

# Single Plated Built Rudder

**FINISHED COMPLETE  
READY FOR SHIPPING**

Manufactured in 6 Days  
...By...



**THE**

**Fownes Forge and Engineering Company,  
LIMITED.**

**ST. BEDE WORKS, TYNE DOCK,**

**REPAIRS A SPECIALITY.**

**South Shields, Eng.**

Gooderham, J. Herbert Mason, W. H. Beatty, Ralph K. Burgess, George F. Galt (Winnipeg), Alfred Gooderham, C. H. Gooderham, W. G. Gooderham, George W. Lewis, W. D. Matthews, George W. Monk, S. Nordheimer, R. T. Riley (Winnipeg), J. M. Robinson (St. John, N.B.), and Frederick Wyld,

At a subsequent meeting of the Board the following of officers were re-elected: President, George Gooderham; 1st Vice-President, J. Herbert Mason; 2nd Vice-President, W. H. Beatty

\$2,773; Wellington—L. & F. Lyons vs J. J. Broad, \$1,700; Montreal—B. Lynch vs Andrew Mercer, \$906.

#### WRITS ISSUED—BRITISH COLUMBIA

Kaslo—Carlson & Porter, \$344 and \$885; Nelson—W. A. Jowett, \$469; New Westminster—Wintermute Furniture Co., \$345 and \$5,960; J. S. Wintermute, \$3,002; Silvertown—W. McIntosh, \$576; Vancouver—W. A. Lewthwaite, \$472; Victoria—B. C. Land & Inv. Agency, Ltd. \$1,011; British Yukon Ry. Co., \$28,000.

#### WRITS ISSUED—MANITOBA & N.W.T.

Winnipeg—Rablee Fruit Co., \$831.

#### LEGAL RECORD.

The following is a record of transactions and cases in our Canadian courts of law, comprising Writs Issued and Judgments Rendered for sums of \$300 and upwards (Montreal, from \$175 and upwards), and Chattel Mortgage and Bills of Sale (for sums of \$550 and upwards), as taken from the public records. It will be understood that the actions or items do not necessarily affect the credit and soundness of the persons or concerns named, as they may have been paid or otherwise settled, and that good defence may exist in case of writs, etc.

#### WRITS ISSUED—ONTARIO.

Alfred Tp.—O. Berube vs D. Clement and Q. Placide, \$344; Ancaster Tp.—L. Lane vs B. Smith, \$2,000; Bayfield—Rev. J. Elliott vs Richd. Stanbury, \$858; Brooke Tp.—W. J. Beatty vs Chas. McDonald, \$443; Rimouski, Que.—H. McKay vs Daniel Ruest et al, \$538; St. Catharines—Sturgeon Falls Pulp Co. vs W. G. Finlay, \$2,148; Toronto—J. Sutherland vs Trusts Corp'n., admrs., \$1,323; Arnprior—Confederation Life Assn. vs Michael and Mary Galvin, \$2,906; Brockville—Maud Casselman vs Jno. Cawley, et al, \$1,500; M. Casselman vs R. Healy, \$1,000; Cornwall Tp.—Gault Bros. Co. vs Carpenter Bros., \$377; Havelock—E. S. Platt vs Thos. Reid, \$500; Hungerford Tp.—Agnes O'Coin vs Felix Cournoyer, \$5,000, damages; Kagawong—W. E. Sanford Mfg. Co. vs Jesse Lehman, \$704; Merrickville—S. B. Guest vs G. R. Putnam, admr., \$1,029; Niagara Falls—R. Truax & Co. vs F. Nuget et al, \$833; North Bay—E. Boisseau & Co. vs Parent Bros., \$301; Oakville—Mrs. S. Smith vs V. G. Cornwell, \$1,171; Ottawa—W. Todd et al exrs., vs Rich. and Bertha Grohlman et al, \$937; J. Nichol et al vs Ottawa Brick Mfg. Co., Ltd., \$5,000 damages; Coles National Mfg. Co. vs Jas. Pain & Sons, \$1,000, disputed; Strathroy—W. B. Lindsay vs Strathroy Petroleum Co., Ltd., \$3,964; Tobermory—Sterling Bros. vs R. & D. Gillies, \$445; Toronto—Duncan, Grant, Skeans & Miller vs Can. Hygienic Butter Co., Ltd., \$368; H. Thompson vs London Guarantee and Acgid. Co., Ltd., \$344; E. M. Cook vs W. F. Sexton, jr., et al,

—Maritime Province Notes.—Reports from St. John, N.B., state that the Canadian Pacific Railway is supplying full cargoes for all the Atlantic liners sailing from that port, which is enjoying an unprecedented rush in inward and outward western freight.—The following steamers are chartered to load Canadian hay during March for South Africa: Elder-Dempster liners, Loanda, 1,713 tons; Degama-2,245 tons; Montauk, 2,612 tons; Hogan liner Matteswan, 2,197 tons; Donaldson liner, Parthenia, 3,310 tons.—Benjamin F. Pearson, George Pearson, Halifax; James Friel, Dorchester; Steadman Crandall, Moncton; F. W. Emmerson, Sackville, are seeking incorporation as the Bay of Fundy Oil Company, Limited; proposed capital, \$500,000, divided into shares of \$1 each. The company asks authority to bore for oil and gas in New Brunswick. The head office is to be at Moncton.—The Cape Breton Electric Company has sold to the Dominion Coal Company all the rights and franchises held by it in the county of Cape Breton.—Messrs. Henry V. and Frederick Dewar, of St. George, and Edgar G. Murphy, of New York, have bought the mill and other property of the Messrs. Dewar at St. George, and also their extensive timber lands in Charlotte and York counties. The lands include the properties purchased from the Gillmor estate some years ago, on which is some of the best timber to be found in the province. It is understood that Mr. Murphy makes the purchase for himself and a syndicate of friends. It is the intention of the new owners to build a pulp mill at St. George, near the falls.

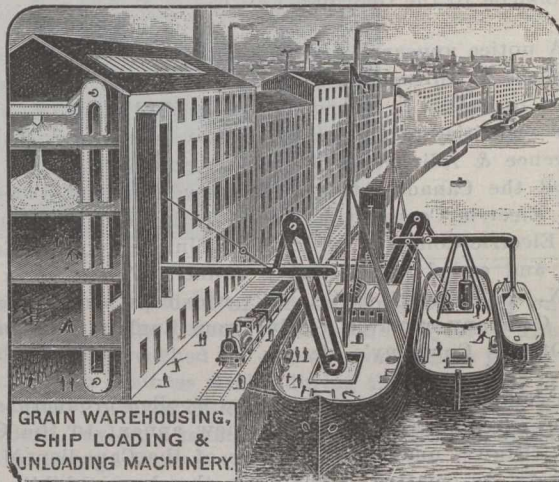
—The half-yearly report of the London & North-Western Railway, says a London cable, shows an increase of traffic receipts amounting to £39,270 and a decrease of working expenses amounting to £32,809. The chairman referred to American methods of haulage and American engines. The company had increased the power and weight of its engines with the result that during the half-year for

Contractors to H. M. GOVERNMENT.

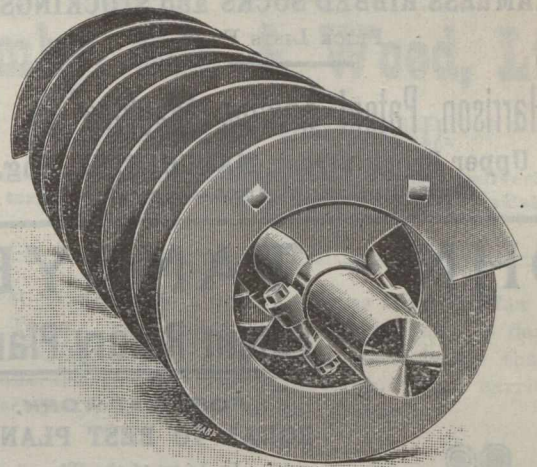
Telegrams: "CONVEYOR, ACCRINGTON."

# CONVEYOR and ELEVATOR CO.

LOWER BRIDGE WORKS,  
ACCRINGTON, Lancashire, Eng.



GRAIN WAREHOUSING,  
SHIP LOADING &  
UNLOADING MACHINERY.



Spiral Conveyors, Coal Conveyors, Chain Conveyors, Band Conveyors, Grain Conveyors, Tray Conveyors, Stokehold Conveyors, Grain Elevators, Coal Elevators, Chain Elevators, Belt Elevators, Bale Elevators, Barge Elevators, Ship Elevators 9508, Compound Floating Grain Elevators.

the haulage of mineral trains, taking the working between certain points as a test, 329 trains had been saved. More powerful engines had again been ordered, but those already in use had effected a decrease of no less than 692-352 train miles in the half-year. The chairman referred next to "the great American idea regarding big waggons," but concluded that a rapid change would, even if possible, be exceedingly costly. They had recently built at Crewe two trains of 39 steel waggons each, every waggon to carry 20 tons. These trains had saved 420 feet in length and thus saved siding accommodations, besides being more manageable themselves.

—The report comes from Hamburg that two leading German firms, engaged respectively in manufacturing arms and in shipbuilding, contemplate establishing jointly in Russia an arsenal and yards for building and equipping warships and turning out material for railways and public works generally. A representative of one of these firms has just gone to St. Petersburg to arrange the preliminaries. This announcement, says a London cable, may

be taken in conjunction with a message from Berlin declaring that Russia herself cannot build the warships called for by the recent special vote and if that vote is meant to be as is suggested Russia's reply to the Anglo-Japanese treaty and the United States note, it is a mere brutum fulmen unless the ships are actually put on the stocks; while the association of Germany with the scheme may be meant to be a silent expression of European solidarity in face of the new British position in the Far East.

—Telegrams received at Magdeburg, the centre of the German sugar production, from Brussels say that the International Sugar Conference when it reconvenes at Brussels next Saturday will most probably reach an international agreement on the basis of Great Britain's proposals to abolish sugar bounties to two shillings per hundredweight. The great sugar houses of Magdeburg appear to be in somewhat of a panic over this intelligence. The spokesmen of the Agrarian party are energetic in their language against the Government, and threaten it with the loss of the majority in the Reichstag should the legislation required by Great Britain's proposals be adopted. Vienna advices of the 20th instant, report that at a largely attended meeting of representatives of the sugar industry there and at Prague, resolutions protesting against the Government acceding to the demands of Great Britain before the Brussels conference were adopted.

—The demand for iron and steel is not abating across the lines, where it appears that manufacturers cannot get enough. A Pittsburg letter of recent date says: Some big sales of pig iron have been made in this city in the last few days and at prices that indicate the big steel companies are willing to pay high figures for the pig iron to protect themselves against shortage in supply. The biggest purchaser has been the United States Steel Corporation, which has bought more than 100,000 tons of standard grades of Bessemer iron from the Bessemer Furnace Association and also from some of the outside furnaces, not being able to get all the tonnage they needed from the Associated Furnaces. This iron will be shipped to the mills of the Steel Trust, commencing next July, and deliveries will be spread over three or four months.

—The Tilsonburg, Lake Erie & Pacific Railway Company was incorporated for the purpose of building a line from

Telegraphic Address: "STANDARD WIRE, SOWERBY BRIDGE."

## The STANDARD WIRE COMPANY, Limited,

MANUFACTURERS OF

Patent Plough Steel Rope Wire,  
Patent Mild Plough Steel Rope Wire,  
Patent Steel Rope Wire,  
Galvanised Hawser Wire to Lloyds' Tests,  
Galvanised Cable Wire, Bright and Annealed Wire,  
Bright and Annealed Core Wire,  
Galvanised Mild Steel Rigging Wire,  
Soft Steel Screw Wire, Tinned Mattress Wire.

SOWERBY BRIDGE,  
ENGLAND.

ALSO AT  
DARLINGTON.

Triumphant Awards, Including Gold Medals and  
Other English Honours.

THE NEW "HARRISON"  
**Knitting Machines,**

TO WORK BY HAND OR POWER.

Which Knit SOCKS, STOCKINGS and every  
style of Clothing in SILK, WOOL or COTTON.

The "SUN" is specially adapted for

SEAMLESS RIBBED SOCKS and STOCKINGS.

PRICE LISTS FREE.

The Harrison Patent Knitting Machine Co., Ltd.,  
48 Upper Brook Street, MANCHESTER, Eng.  
(Cuts will be inserted as soon as received.)

**JOHN · TANGYE,**  
**Patent Rotary Planer**

FOR FLAT WORK,  
EQUAL TO BEST PLANING

In  $\frac{1}{8}$  to  $\frac{1}{4}$  the Time.

LARGER SIZES IN HAND.

106 Princess St., MANCHESTER, Eng.

(Cut will appear next week.)

A.B.C. Code.

Telegrams: "SYPHON, Manchester."

Works: LITTLEBOROUGH.

**John Tetlow & Sons,**  
LIMITED.

Devonshire Street, Hyde Road,  
—MANCHESTER, Eng.—

Sanitary Pipes, Junctions, Bends, Gullies, Interceptors, Sinks,  
Wall Coping, Acerrington Bricks, Ruabon Bricks, Staffordshire  
Bricks, Special Salt Glazed and Enamelled Bricks, Velinelli,  
Bangor and Penhryn Slates, Slate and Plaster Laths, Ackworth,  
Morley and Halifax Stone in the Rough or Worked, Flags, Setts  
and Curbs Lias Lime.

Speciality:

Tetlow's Tested Sewer Pipes. Portland Cement.

Special prices to Canadian builders under the New Tariff. F.O.B.  
Manchester.

Have supplied the Manchester Corporation for several years.

The **Leander**  
**Cycles**

BEST ALL BRITISH MADE CYCLES  
IN THE MARKET.

Made for Canadians under the new Canadian Preferential Tariff,  
33 $\frac{1}{2}$  p. c. in their favour.

**Leander Machine Company,**  
Ardwick Green, Manchester, Eng.

Lake Erie to the Town of Tilsonburg. The subsidies acts, under which Government aid was granted to the company, authorize an extension through Tilsonburg to the Michigan Central Railway, also an extension from Tilsonburg to Ingersoll or Woodstock. The company now announces that it has acquired the right of way and purchased rails and ties, and will during the present year lay down the rails and equip and operate the railway to Ingersoll. It asks for a bill declaring that all the powers conferred by the incorporation and subsidies acts are in full force; also granting the right to extend its line through the Counties of Oxford, Perth, Waterloo, Wellington, Dufferin, Grey and Simcoe to the Georgian Bay.

—A notice appears in the Canada Gazette that the St. Lawrence & Adirondack Railway Company will apply for an act to enable it to acquire the capital stock, bonds or other securities of any other railway company. The St. Lawrence & Adirondack is the company which has purchased the Canada Atlantic Railway Company.—The Ottawa Electric Company has won its legal fight with the Hull Electric Company, which began in the Superior Court, Hull, and ended in the Privy Council. A few days ago Mr. N. A. Belcourt, K.C., M.P., who represented the Ottawa Company, received a cable from England announcing the Ottawa Company's victory.

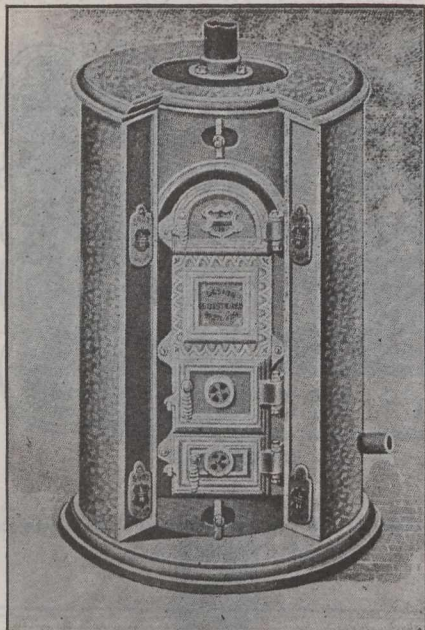
—A complete display of Canadian woollen products is being prepared in a room of the new annex to the Commons, Ottawa, under the auspices of the Canadian Manufacturers' Association. The firms that have exhibits are: The Cobourg Woollen Mills; Rosamonde Woollen Company, Almonte; Perth Woollen Company; Canadian Woollen Mills, St. Hyacinthe; George Pattison & Company, Preston, Ont.; Penman Company, Paris, Ont.; Galt Woollen Company; R. Forbes Company, Hespeler, Ont.; Toronto Carpet Company; Guelph Carpet Company; Brook Woollen Company, Simcoe; Duffer & Sons, Stratford.

—Russian millers are reported to have formed a syndicate, with headquarters in St. Petersburg, for the sole purpose of promoting the exporting business. Its by-laws forbid it to influence inland trade or prices or to restrict production. Russian flour exports rose from 610,000 quintals in 1899 to 860,000 in 1900. The figures for 1901 are not yet available, but it is thought they will show a further increase. Hull, Havre Hamburg, and other great western ports, as well as the Orient, are expected to take materially larger quantities of Russian flour as a result of the syndicate's efforts.

—According to Winnipeg employment agents and immigration officials, there is a dearth of laborers in the West. The spring demand for farm hands has already started, and curlers from outside points have taken advantage of their visit there to make application for men at the immigration hall. Much construction work is going on in the West, and contractors are experiencing difficulty in obtaining men even at a good scale of wages. The dearth of servant girls also continues, and the demand for good domestics greatly exceeds the supply.

—The climate of California must be drifting north. A dispatch from Portage la Prairie, Man., states that a record in early seeding has been established this year by a farmer who resides west of Portage, on the plains. On the 21st instant this man completed sowing 50 acres of wheat. The land which was plowed in the fall is in fair condition. It has become dried out on top and was easily harrowed. Unless a very severe period of weather sets in, and with a favorable spring, wheat will be ready for harvesting in June.

—It is rumored in London that an important scheme for the development of emigration to western Canada, has been finally arranged by the Deputy Minister of the Interior, Mr. James Smart, who has been in London for some time with that object. No fewer than 2,000 to 2,500 persons, it stated, will leave Liverpool or Glasgow during March to settle in Canada, while others are expected to follow in April, May and June, at the rate of about 2,000 per month.



Telegrams :—"Lumby, Halifax, Eng."

# BOILERS

FOR ALL PURPOSES.

All Wrought WELDED without rivets, and without seams for Hot Water or Steam.

**Lumby, Son & Wood, Ltd.,**  
HALIFAX, ENGLAND.

Finest Catalogue in the Trade Post Free. Prompt Deliveries.  
Special terms to Canadian buyers under new Preferential Tariff

—An esteemed resident of Montreal passed away on the 26th instant, in the person of Mr. John Taylor. The deceased, who had reached the age of seventy-nine years, was well known in business circles during the latter half of the past century. Seven children survive, among whom is Mr. J. McBeth Taylor, a member of the wholesale commission house of George Wait & Co.

—Acoine is the name of an interesting product which, according to a Paris letter, is destined to oust cocaine, morphine, chloral, antipyrine and other anaesthetics. A little pinch dropped into a gnawing tooth instantly banishes pain. Acoine's properties were recently reported to the French Academy of Medicine by Dr. Chauvel, and are based on divers experiments. Acoine has the great advantage of not being toxic.

—Reports from two experts have been received in London from different parts of Africa which, if borne out by later developments, are likely to have an important influence on the world's gold and copper supply. One of the reports comes from Assine, on the French Ivory Coast. This cablegram says that a reef of quartz gold, eight feet wide and panning from two to eight ounces, has been opened up on the Ivory Coast.

—St. John's, Nfld., advices state that the party leaders in both Houses of the Colonial Legislature have effected an arrangement for securing the unanimous passage of the French Shore Modus Vivendi Bill, in all stages, in both chambers, next week, and for the prompt ratification of the measures by the Governor as a further testimony of the colony's full sympathy with the Empire in the present situation.

—The British troopship *Victorian*, with the second section of the Canadian Mounted Rifles, under command of

Colonel Evans, made a record voyage from Halifax to the Cape Town. She arrived at the Cape, only 23 days out from Halifax. This is nearly a week faster than any previous transport. The *Manhattan*, which carried the first section, was 30 days on the passage.

—It is stated at Kingston, Ont., that a firm in the United States has contracted for 21,000 tons of feldspar, to be delivered within the next three years. The feldspar will be mined chiefly at points on the Kingston & Pembroke Railroad.

—Grand Trunk Railway System—Earnings 15th to 21st February, 1902, \$532,568; 1901, \$523,246; increase, \$9,342.

## THE BELL TELEPHONE COMPANY.

The Annual General Meeting of the Bell Telephone Company was held in the Company's Head Offices in this city, yesterday. Mr. C. F. Sise occupied the chair, and Mr. C. P. Sclater acted as secretary. Among those present were the following shareholders: C. F. Sise, President; Hon. Robert Mackay, Vice-President; Hugh Paton, John Crawford, James Harper, W. R. Driver, Geo. A. Greene, Chas. Garth, F. B. McNamee, Robert Archer, Geo. Caverhill, F. G. Payne, R. P. McLea, B. A. Boas, P. S. Ross & Sons, B. McLennan, Alex. Robertson, W. Frew Robertson, J. R. Walker, J. B. Robertson, Selkirk Cross, E. Rawlings, W. H. Benyon, Jas. Wilson, Herbert Wallis, F. P. Fish, Charles Cassils, Thos. Sherwin, R. W. Shepherd, Hector Prevost, M. S. Foley. The Report was unanimously adopted, and the meeting closed with votes of thanks to the President and other officers of the Company.

## THE CANADIAN MARKET.

For some time past we have been receiving letters from the United Kingdom inquiring whether certain articles of manufacture, heretofore purchased from the United States, can be supplied by Canada. It is evident that the Differential Tariff adopted by the Ottawa Government is being availed of, as was to be expected, by our kin beyond the sea, although, perhaps, not always as rapidly as would be desired. But the work is growing. The advertising columns of the *Journal of Commerce* constitute in themselves a business directory of enter-

prising British manufacturers, and business connections are being made, — profitable no doubt — throughout the Dominion by advertisers in and readers of this *Journal* in the British Islands.

## BUSINESS DIFFICULTIES.

—Guilbert Labonte, dry goods, Montreal, has assigned. He began business in January, '91, with Louis O. Perreault as partner, both being formerly retail dry goods clerks. The latter retired after an experience of nine months, Labonte continuing

alone. He appeared to prosper until May, 1901, when he increased his stock and premises, and did considerable advertising, only to find that he had got beyond his depth. He shortly afterward got an extension of time, but this did not suffice.

—Ald. Argenas Goyer, baker, of the adjoining town of St. Louis, has assigned, with liabilities of \$12,147. The assets consist of his stock in trade, which, however, was sold with a power of redemption, to Mr. O. Constantineau, on June 13, 1901, and afterwards transferred to M. Boisvert. Besides this the assets consist of a lot of

# YORKSHIRE RELISH

THE MOST DELICIOUS SAUCE IN THE WORLD

The only Cheap & Good Sauce. Beware of Imitations  
Sold in Bottles 6d., 1/- and 2/- each.

Proprietors, GOODALL, BACKHOUSE & CO., LEEDS.

AGENT FOR CANADA

ENGLAND.

CHAS. GYDE,

20-22 St. Francois-Xavier Street,  
MONTREAL.

land in the North Ward, with the buildings thereon erected.

The Montreal shoe jobbing house of James Whitham has assigned. The present owner was connected with the Whitham Shoe Co. until some two years ago, when he started as jobber, putting in some \$5,000. Creditors are principally Quebec houses.

In September, '97, Rosaire and Arthur Magnan bought the hardware stock of Gravel & Boulard, Montreal, at 65c in the dollar, and continued business at the old stand, the former having gone into liquidation. Arthur Magnan retired from the new firm in June, 1901, the other brother continuing alone. The store, a double one, was too large for the business doing and an assignment has been made, the liabilities amounting to about \$11,500.

At the annual meeting of the Bell Telephone Co. yesterday—referred to elsewhere—the following were elected directors: Messrs. C. F. Sise, Robt. Mackay, E. P. Fish, W. R. Driver, Chas. Cassils, Thos. Sherwin, Hugh Paton, Robt. Archer.

## FINANCIAL REVIEW.

Montreal, Thursday Ev'g.,

27th Feb., 1902.

A number of the annual statements of insurance and loan companies appear in this issue which will afford interesting reading to those who keep in touch with the financial condition of the country. The Canada Permanent and Western Canada announces an extensive redemption of the prop-

erties it has acquired by foreclosure. This is the second company having this experience, one of which, in London, Ont., states, that it has disposed of every property so acquired in many past years. These movements are exceedingly healthy and promising. The January bank statement in this issue with comments thereon will be found worthy of study. The problem is evidently arising as to the utilisation of the large increases in deposits in Canadian banks. The New York banks made a record last week by having their deposits and loans higher than ever before. The loans reached \$932,004,700 and deposits \$1,015,279,000. Such vast figures show the unwise wisdom of having so small a unit of value as a dollar, which, however, is better than the franc, of which a string of figures means so

Cable Address: EILLS, Liverpool.

## EILLS & COMPANY,

LIVERPOOL, Eng.

Hams and Bacon Packed for all climates at the  
Lowest Possible Prices for Best Quality.

Confectionery, Crystallized Fruits, Dried Apples, Pears, Peaches, Apricots, Plums, Currants, Raisins, Figs, &c. A trial order will convince buyers of the Superiority of our Goods.

SPECIAL AGENTS FOR

Danish and Irish Butter

IN TINS.

WRITE FOR OUR EXPORT PRICE LIST.

Buyers should specify EILLS & COMPANY'S Goods  
on all Indents.

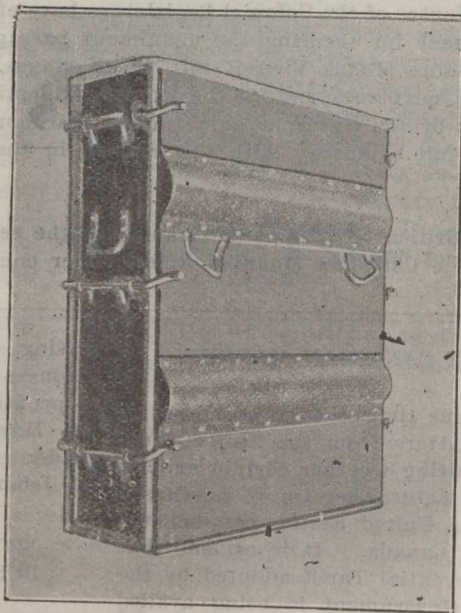
OFFICE:

12 Hanover Street, - LIVERPOOL, Eng.

Special rates to Canadians under the New  
Preferential Tariff

## SOAP FRAMES

PATENTS—No. 5107/93; No. 10362/99.



Made of Special cold flattened, close-annealed Steel Plates, fitted  
with clamping bars. Weight complete, 5 cwt.

Easily Erected. Self-Caulking. Guaranteed not to Warp.  
Wheels and Axles fitted if required.

H. D. MORGAN, Patentee and Sole Maker  
Jamaica Street, LIVERPOOL, Eng.

Soap Trade Supplied under the new Tariff

# BRAY'S "SPECIAL" GAS BURNERS.

Highest Efficiency: Suitable for all Pressures

For inside fittings as shown in woodcuts. High Pressure, 15-10ths to 25-10ths. Low Pressure, 5 10ths to 15-10ths or 18-10ths, which please specify when ordering.



UNION JET.  
Sizes, 2 to 8.



BATSWING.  
Sizes, 2 to 8.



SLIT UNION.  
Sizes, 2 to 8.

Geo. Bray & Co., Gas Burner Manufacturers,  
Bagby Works, Leeds, England.

little. The Bank of England has been gaining gold by imports from India and the provinces, influx from the country banks being usual at this season. The iron and steel markets are in a peculiar position. American production is now below consumption and demand. At the present rate the consumption this year will be 18 million tons, which, if kept up, will lead to imports of foreign iron and steel. Prices in consequence are advancing in Great Britain, Germany and Belgium. This all means prosperity to the new Sydney enterprises, and a good start, a profitable initial year or two, will be most helpful. The Canada Paper Co. offers for public subscription \$170,000 of its 7 per cent. cumulative preference stock, being part of an issue of \$275,000 to be raised

for rebuilding its St. Francis mill burnt last year. The John Abell works at Toronto are to be operated by a joint stock company, the shares of which are offered for public subscription. The Canadian General Electric Co., will ask power to raise its stock from \$2,000,000 to \$3,000,000, only \$500,000 of the increase will be issued at present and offered to the shareholders on terms to be decided upon. Those fond of industrial investments will soon have quite a choice of Canadian shares of this class. In London the market is alive with anticipation of endless capital flotations which are being prepared for investors. The war evidently has left vast accumulations of capital practically only skimmed. Consols are up to 94½. Good news is predicted for next

week from Lord Kitchener, but, "hope deferred makes the heart sick," of rumours. Dominion Steel has been unladen heavily this week at 34 to 34½, and down to-day to 33 to 34; preferred, 84½ to 84¾. Dom. Coal has been selling at 84 to 85¼; Pacific 115¼ to 116; Montreal St., 268½ to 271; Richelieu, 113, 113½; Twin City, 113¾; Dom. Cotton, 57½ to 58; Toronto St. Ry., 116¼. Hochelaga Bank, 143; Montreal, 254; Ontario, 126; Molsons, 208; Toronto, 230; Commerce, 153½; Dominion, 242½; Ottawa, 210½; Canada Permanent, 121½. Local foreign exchange, 60's, 9¾; demand, 10. Paris, exchange on London, 25f. 16c. Berlin, 20m. 47½ pf. Money rates unchanged. Ottawa Clearing House — For week ending 20th Feb., 1902, clearings, \$1,669,520; balances, \$457,938.

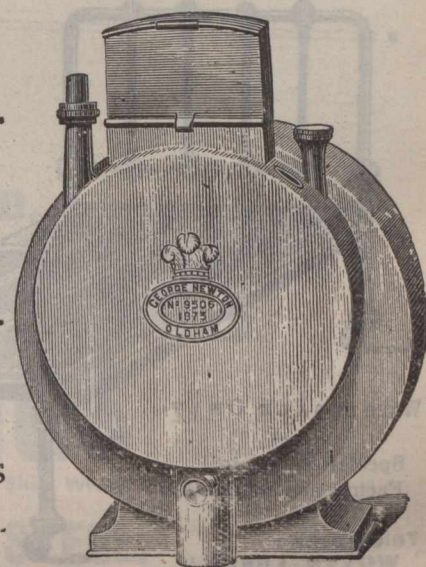
## GEORGE NEWTON, LTD.



GAS METER=  
MANUFACTURERS.

OLDHAM,  
ENGLAND.

Special quotations  
under the new Canadian  
Preferential Tariff.

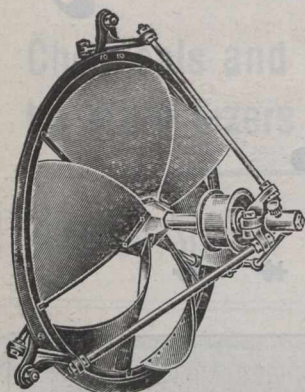




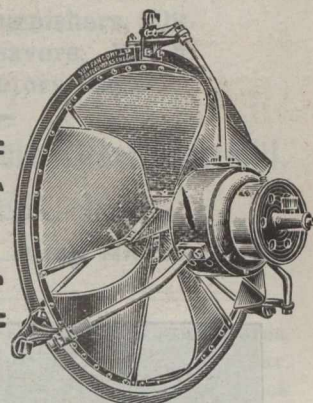


# "Sun" Ventilating Fans

Highest Efficiency, Strength and Lightness



Belt Driven.



Electrically Driven.

MADE ENTIRELY OF WROUGHT OR MALLEABLE IRON.

For Ventilating, Drying and All Cooling Purposes . . .

"Sun" Fan Co. Ltd.,

GENERAL BUYING AGENTS WANTED.

Special prices to Canadians under the New Tariff

40a Thornton Road, BRADFORD, ENC.

**BUTTER.**

There has been a very satisfactory business passing and large quantities are moving, principally for export. This week three carloads of Western dairy, fair average quality, sold at 16c; 300 pkgs. selected dairy sold at 17c, and 200 pkgs. of medium grade at 13c lb. Several large sales of Oct. creamery were put through at 21½c, this kind selling in a jobbing way at 22c to 22½c. Choicest rolls are in light supply and sell readily at ½c lb. over last week's figures; prices paid being 17½c to 18c.

**CHEESE.**

Market reported much better. Several sales of finest quality are recorded at 10½c. Holders are now asking 10¾c. Export orders are coming in freely. Shipments of cheese and butter from Portland and St. John, N.B., for week ending February 22, were:

	Cheese.	Butter.
Liverpool . . . . .	1,942	167
London . . . . .	16,403	1,973
Glasgow . . . . .	1,000	100
Total . . . . .	19,345	2,240
Same week, 1901 . . . . .	16,254	563
Total since close of na-		

vigation . . . . . 368,524 32,068  
 Same period in 1901 . . . . . 216,180 7,498  
 Liverpool, Feb. 26.— Cheese, finest white, firm, 49s 6d; finest, colored, firm, 50s.

**DRESSED POULTRY.**

All kinds firm and in quick sale. Turkeys are worth 12c to 13c per lb.; chickens, 12c to 12½c lb.; fowls, 10c lb.; ducks, 10c to 11c lb.; geese, 9c to 10c lb.

**EGGS.**

Arrivals are much heavier and with suitable weather prices are unsettled and the market demoralized, prices being according to size of lot. New laid are 23c to 25c; limed, 19c to 21c.

**FISH.**

A good trade has been done during the past week, but the change to milder weather has affected business somewhat. Green cod is scarce. Fresh haddock, fresh frozen herring and tom-cods are in good supply and sell readily. Quotations are: Fresh—B. C. salmon, 9c to 10c lb.; Restigouche or Gaspé salmon, frozen, 12c; haddock, 3½c; pike, 4c to 5c; whitefish, 7c; dore or pickerel, 6c to 7c; halibut, 9c to 12c lb.; mackerel, 10c to 12c; smelts, 6c to 7c; frozen herring, large, \$1.75 a

hundred fish; new tom cods, \$2 a barrel. Salt—B.C. salmon, No. 1 \$11.50 to \$12 per barrel; Labrador salmon, No. 1, \$14 per barrel; No. 2, \$11.50 to \$12; half barrels, \$6.50; Loch Fyne herrings, \$1.15 per keg; salt herrings, bbls., \$5.25 to \$5.50; do. half bbls., \$2.75; green cod, No. 1, \$7 to \$7.50; do. No. 2, \$5 to \$5.50; large, \$8.—Smoked herrings, 12c per box; finnan haddies, 6½c to 7c lb.; St. John bloaters, \$1 to \$1.25 per box.—Prepared — Boneless cod, in bricks, 6 cents lb.; boneless fish, loose, in 25-lb. boxes, 4½c; skinless or dressed cod, \$5 per case; dry cod, in cwt., \$4.75 to \$5 cwt. Oysters — Bulk, standards, \$1.50 a gallon, and selects, \$1.60.

**FLOUR AND FEED.**

A fair trade is doing in these lines but the absence of the rush which characterized their movements through the earlier winter months is still a feature. Prices are unchanged at the recent declines. Rolled oats continues featureless as to fluctuations, a steady demand keeping up regardless of the unusually high price. Hay is steady. We quote as follows: No. 1, \$10 to \$10.50; No. 2, \$9 to \$9.75; clover mixed, \$8 to \$8.50; and clover, \$7 to \$7.50 per ton in car lots.

**EDGAR ALLEN & CO., LTD.,**  
 Imperial Steel Works,  
 MANUFACTURERS OF **SHEFFIELD,**  
**STEEL CASTINGS**  
 Crusher Jaws, Cams, Tappets, Heads, Machine-Moulded Gearing, Truck and Skip Wheels and Axles, Miners' Drill Steel, Tool Steel, Files, &c.  
**TURNER'S PATENT IRON-FIBRED STEEL.**

# Widnes Foundry Company.

◆ ◆ ESTABLISHED 1841. ◆ ◆



Morecambe Pier (East View),

ERECTED, 1898, BY

## THE WIDNES FOUNDRY CO.

WIDNES,

Lancashire, - - England.

### GREEN FRUIT, ETC.

The market still shows an absence of early spring varieties that the first of March usually finds speeding from the Far West and South. Florida oranges are easier. Florida tomatoes are lower, while Cal. cauliflowers are dearer. At the New York auctions early this week offerings consisted of 20 carloads of California oranges, 242 cases of Valencia oranges, 200 boxes of Sorrento oranges, 174 boxes of Porto Rico oranges, 230 boxes of Jamaica grape fruit and 6,467 boxes of Palermo lemons landing ex California. There was noted in lemons a strong active interest, with prices on 360s from 10c to 20c per box above the last sale, and from 15c to 25c higher on 300s. Choice grades were in better request than fancy. The quality

of the offerings is described as good, in oranges a steady feeling was noted at the auction, and the demand was active with some strength shown on fancy fruit. The local quotations are: — Apples, brls., \$3.50 to \$6.00; Cal. navel oranges, \$3.50 to \$3.75; Jamaica oranges, \$4.75 brl.; do. in boxes, \$2.75; Florida oranges, \$3.50 per box; Jamaica grape fruit, \$3.50 to \$6 box; lemons, 360s, \$2.50; do. 300s, \$2.50 to \$2.75; chests of lemons, \$5.50; bananas, eight-hands, \$1.00 to \$1.35; No. 1 do., \$1.75 to \$2.25; extras, \$2.50; new figs, mats, 3½c per lb.; do. boxes, 8c to 12c per lb.; new dates, 4c per lb.; nuts, Pecans, extra large, 17c; sweet potatoes, brl., \$5 to \$5.50; small crates of Spanish onions, \$1.10; Cape Cod cranberries, \$7 to \$10; Malaga grapes, per keg, \$5.50 to \$7.00;

pinus, 15c to 25c each; extra pinus, 45c do.; Columbia pears, \$3 per box; Cal. celery, 7 to 12 doz. crate, \$4.50; Florida tomatoes, \$4.00 crate; Florida tangerines, \$3.50; California tangerines, \$3.00; California cauliflowers, \$3.50 to \$4.00; yellow do., \$3.25 per bbl.

### GREEN HIDES.

The local situation is unchanged. Receipts are light, with new spring lambs yet to be seen except as a rare sample. Old are about through with. Beef hides are steady in price on the basis of 7c for No. 1. New York reported but indifferent attention from tanners for dry hides, despite the lower basis of prices ruling. Importers, however, had only small stocks on hand and were not forcing sales. Dullness characterized the market for green hides. Offerings were fairly

# The Sizing Materials Company

Manufacturers of  
all kinds of

Chemicals and Materials used  
by Warp Sizers and Finishers.

10 Marsden St., - MANCHESTER, Eng.

Telegraphic Address :—" MESH," Manchester.

# The Yorkshire Wire Cloth Company,

Flour and Rice Mill Furnishers, Silk  
Merchants, Wire Weavers, Brush  
Makers, Metal Perforators, &c.

Victoria Wire Works, Commercial Street, Knott Mill,  
MANCHESTER, ENG.

F.O.B. MANCHESTER.

free; in fact one packer had about 20,000 hides on hand running back into December. Demand was flat from both tanners and dealers, and in the absence of business prices were nominal at 12c for native steers, 11½c for butt brands, and 11¼c for side brands. The Chicago market showed no improvement in the demand for packer hides, the principal buyers showing a decidedly indifferent attitude. Offerings were free, packers' stocks being large, amounting, it was stated, to at least 250,000 hides. Nominal quotations were 12¼c to 12½c for native steers, 13¼c for heavy Texas, 12c for butt brands, 11½c for Colorados, 10½c to 11c for heavy native cows and 10c for branded cows. Country hides were quiet but steady at 8c for No. 1 buffs.

### GROCERIES.

Owing to the competition among U. S. refiners, which develops every little while into severe price-cutting, together with the inroads of other foreign sugars upon the Canadian market, refiners here made a new record low price by a reduction of 5c per 100

lbs. all round. Standard granulated is now quoted at \$3.85, freight delivery, and graded yellows at \$3.10 to \$3.60. This reduction was not expected by the trade. It marks a new era for the retailer who can now sell 25 lbs. for \$1 and superficially see his way clear. London cable advice reported a dull market for raw beet sugar, and prices were ¾d lower at 6s 9¾d for February delivery, and 6s 9¾d for March do.; cane was without change. Hand in hand with the drop in sugar, though without common interest, came a decline of 2c per gallon, all round, in molasses. Barbadoes is now worth 27c in puncheons, 29½c in brls., and 30½c in half-brls. A cable from Barbadoes this week quotes 8c cost at the Island, which is equivalent to 24c cost here. There will be none here, however, for six weeks. Besides, the first molasses is never so good as that shipped after April. The market is firm for canned tomatoes. There are none to be had here under 90c to \$1. Stocks held in first hands are very light. New

Patna rice is selling at the old figures, those obtaining before the New Year. The market has been clear of stock since December. The present supply came from London, and will be sold as stated until about March 15, when a Montreal company will put on the market the new crop from Japan and China. The cost of these will be ¼c to ½c less. In teas, gunpowders are scarce and dearer. The lowest grades which formerly sold at 9c to 10c are now worth 13c to 15c and almost impossible to secure. It is stated there could not be found in the whole of Canada much over a couple hundred packages. There are none coming on the market and what supplies there are, jobbers hold in small lots. Mail advices from Patras, Greece, on currants state: "The trade is very quiet, business being limited to purchases of fruit necessary for completing old sales. Prices are nominally easier by 6d per cwt. The total shipments to January 31 last compare as follows with those of previous seasons (in tons):

To	1902	1901.	1900.
England .. ..	54,087	31,289	54,440
U.S. & Canada	14,770	4,145	14,764
Australia .. ..	3,166	2,920	4,290
France .. . . .	525	58	1,457
Continent . . .	28,314	2,715	20,247

Total . . .100,862 41,127 95,198  
The total shipments to the end of the season of 1899-1900 were: England 61,497 tons; United States and Canada, 17,836 tons; Australia, 5,731 tons; France, 4,041 tons, and Continental Europe, 35,520 tons, making a total of 124,625 tons." Mail advices from London give the following as the statistical position of dates in that market on February 1, 1902: Hallowee and Khadrawee dates, 1899 crop, 20,000 boxes; Hallowee, Khadrawee and Sair dates, 1900 crop, 30,000 boxes, 1901 crop 105,544 boxes, making a total of 135,544 boxes. Last year on the same date the warehouse stock was 276,450 boxes, of which 30,000 boxes were 1899 crop and 246,450 boxes of the 1900 crop. The consumption for the ten months February-October last year was 201,100 boxes. "These figures," the advices state, "show that our stock of new crop dates is 50 per cent. short of requirements, besides which stocks held by retailers and exporters are very slight indeed, while last year distributors must have held at least 50,000 boxes in addition. The ten months' consumption therefore

# B. & S. MASSEY,

OPENSHAW,  
Manchester, Eng.

Patentees  
and Makers of



Steam = =  
Hammers,

Power Hammers, Stamps for Die Work,  
Saws for Hot and Cold Metals.

More than 3,000 sold. 100 to 200 usually under construction or in stock.

Catalogues in English, French, German and Russian.

**INVESTMENTS.**

Opportunities for safe investments in Canada, at 4 to 5 per cent. Correspondence invited.

Address: INTEREST,  
P.O. Box 576,  
Montreal, Canada

THE MOST NUTRITIOUS.

**EPPS'S COCOA**

Prepared from the finest selected Cocoa, and distinguished everywhere for Delicacy of Flavour, Superior Quality, and highly Nutritive Properties. Sold in quarter-pound tins, labelled JAMES EPPS & Co., Ltd., Homoeopathic Chemists, London, England.

**EPPS'S COCOA**

BREAKFAST-SUPPER

reached something like 250,000 boxes. Prices are low, and we think must under the circumstances advance."

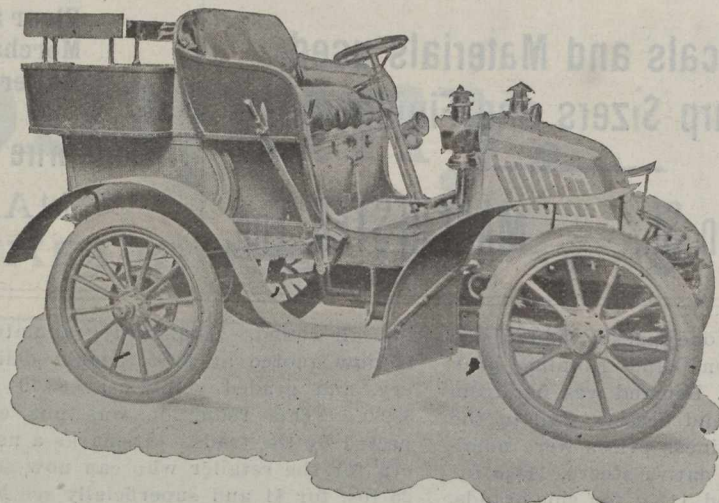
HARDWARE AND METALS.

Hardware has shown another week of steady values, no changes being made. Trade is reported satisfactory. In metals tin is weaker. The London cables reported an easier and lower market for pig tin, spot at the close showing a decline of 15s on what may have been realizing sales, but which some think was the result of the policy of the principal owners of spot tin in London, who are credited with having through manipulation caused the recent fluctuations in that market. Futures were 10s lower than last night, although the Singapore quotation advanced £2, being £112 10s c.i.f. London. Cabled closing prices on pig iron were: Scotch warrants, Glasgow, 54s; No. 3 foundry, Middlesboro, 48s.

LEATHER AND SHOES.

Leather dealers report trade as quiet. Stocks are not over large. Prices hold steady. Shoe manufacturers are working on spring orders and have fall samples out. The failure of a small local jobber in shoes interests mostly Quebec firms. It is not thought likely that the deputation which visited Ottawa this week seeking legislation in favor of a higher duty on U. S. boots and shoes coming to Canada, will have their claim allowed. Opposition, when not too severe, is often a benefit. In this case the presence of the finest samples of U.S. shoes in Canadian shop windows spurs home manufacturers to greater action in matching and surpassing if possible the best shoe their neighbors can build. When U.S. shoe manufacturers want a good skilled employee they don't hesitate over a difference of \$5 to \$10 extra per week in his wages, but they tell him to "go ahead," which spurs the employee on to even greater efforts. This is the spirit that makes for success.

**Marshall's**  
**'Belsize' Car**



Two Cylinders  
12 h.p.  
14½ cwt.

No Chains.  
No Belts.

Unrivalled Hill  
Climber.

Send for particulars.

**Marshall & Co.**

**Belsize Works. CLAYTON, MANCHESTER, ENGLAND.**

**R. J. Ward & Sons,**

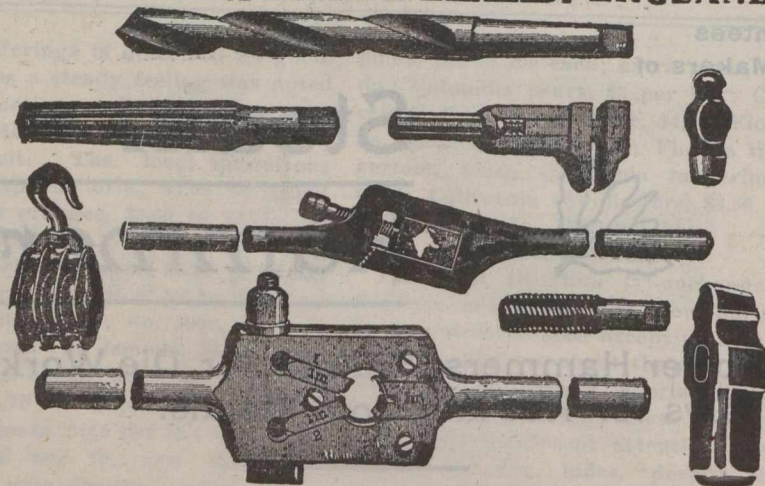


**Military Musical Instrument Manufacturers.**

Wholesale Importers  
and Exporters of—

**General Musical Merchandise,  
10 St. Anne Street, LIVERPOOL, Eng.**

**THE MIDLAND MFG. CO., LD.**  
**SHEFFIELD. ENGLAND.**



SPECIAL NOTE.—Buyers have 33⅓ per cent in their favour by purchasing from The Makers and Inventors in England under the new Canadian Preferential Tariff.

ESTABD 1859

# LIVERPOOL RUBBER COMPANY LTD

MANUFACTURERS OF

## RUBBER BOOTS & OVERSHOES

CANVAS, PLIMSOLL, GYMNASTIC & LAWN TENNIS SHOES

GARDEN HOSE  
EVERY HOSE, BELTING, MATS, VALVES, SHEETS.

WASHERS AND ALL KINDS OF MECHANICAL RUBBERS. INDIA RUBBER THREAD

CAB TYRES PNEUMATIC CUSHION AND SOLID TYRES

34 ALDERMANBURY LONDON ENGLAND  
20 RUE DE MARAIS PARIS FRANCE

HEAD OFFICE & WORKS VAUXHALL RD LIVERPOOL ENGLAND

**SEALED TENDERS** addressed to the undersigned, and endorsed "Tender for Custom House, Halifax, N.S.," will be received at this office, until Thursday, 20th March next, exclusively, for the construction of a Custom House, at Halifax, N.S.

Plans and specification can be seen and form of tender obtained at this Department, and at the office of C. E. W. Dodwell, Esq., Resident Engineer, Halifax, N.S.

Persons tendering are notified that tenders will not be considered unless made on the form supplied, and signed with their actual signatures. Each tender must be accompanied by an accepted cheque on a chartered bank, made payable to the order of the Honourable the Minister of Public Works, equal to ten per cent. (10 p.c.) of the amount of the tender, which will be forfeited if the party decline to enter into a contract when called upon to do so, or if he fail to complete the work contracted for. If the tender is not accepted the cheque will be returned.

The Department does not bind itself to accept the lowest or any tender.

By Order,  
**FRED. GELINAS,**  
Secretary.

Department of Public Works,  
Ottawa, 24th February, 1902.

Newspapers inserting this advertisement without authority from the Department will not be paid for it.

## WESTERN BANK OF CANADA.

DIVIDEND No. 39.

Notice is hereby given that a dividend of Three and One-half per cent. has been declared upon the paid-up Capital Stock of the Bank, being at the rate of seven per cent. per annum, and that the same will be due and payable on and after

**TUESDAY, APRIL 1st, 1902,**

at the Offices of the Bank. The Transfer Books will be closed from the 15th to the 31st of March.

Notice is also given that the Twentieth Annual Meeting of the Shareholders of the Bank will be held on **WEDNESDAY, the 9th day of APRIL** next at the Head Office of the Bank, Oshawa, Ont., at the hour of two o'clock, p.m., for the election of directors and such other business as may legally come before the Board.

By order of the Board,  
**T. H. McMILLAN,**  
Cashier.

Oshawa, Feb. 19th, 1902

**OILS AND CHEMICALS.**

The feature of the week was another advance in linseed oils, raw being now 79c to 80c and boiled 82c to 83c. Turpentine holds steady at 66c to 67c. Chemicals are unchanged.

**PROVISIONS.**

During the present dull season, now at its height, it is not expected that prices will show much fluctuation. The price of fresh killed hogs, while slightly easier, is not sufficient to affect values in cured meats, which hold their own under a light local demand for immediate use. Fresh killed hogs are worth \$7.75 to \$8 per 100 lbs., as to size and quality; receipts are much heavier and the market is accordingly dull. Quotations are:—

Selected heavy Canadian short cut mess pork, \$22.50; heavy Canadian short cut mess pork, \$21.50; Canada short cut back pork, heavy, \$21.50; heavy Canada mess pork, long cut, clear, \$21.50; heavy Canada short cut clear pork, \$21.50; light Canada short cut clear pork, \$21.00; pure Canadian lard, in 20 lb. pails, 11¼c to 12c; compound refined, in wood pails, 20 lbs., 8¾c to 9c; Boar's Head brand, in 20 lb. wood pails, \$1.97½ to \$2.05; Globe, \$1.72½ to \$1.80; 20 lbs., in tin pails, ¼c per lb. less; hams, 12c to 14c; and bacon, 14c to 15c per lb. Chicago, Feb. 26. —

Provisions closed a most depressing day, 10c to 35c lower. Estimated hogs to-morrow, 42,000 head. Futures closed: Mess pork, May closed, \$15.77½; July, \$15.35. Lard, May, \$9.20; July, \$9.35. Short ribs, May, \$8.30; July, \$8.40; September, \$8.55. Cash prices were: Mess pork, \$15 to \$15.70 Lard, \$9.07½ to \$9.10. Short ribs, \$8.10 to \$8.35. Dry salted shoulders, boxed, 7¼c to 7½c Short clear sides, \$8 to \$8.55.

**EXTRACT OF INDIGO.**  
**REDUCED INDIGO.**

**J. W. EASTBURN,**  
Baglan Chemical Works:  
**HALIFAX, ENGLAND.**

Special prices to Canadians under the new Canadian Tariff.

**THE CHINESE QUESTION.**

As development of the vast empire of China proceeds—as it must proceed with the onward march of civilization—the aversion to these people by the inhabitants of the United States and Canada will gradually cease. We see the worse element among them here and we consider them all from this sample. We hear only the worst about them; and we believe what we hear because the Chinaman is too sensible to attempt a refutation. Since the acquisition of new territory by the United States in the Far East, letters have been appearing in the press from time to time with the view of correcting the false impression so generally prevailing, as to the Chinese as a people, their pursuits, needs and the future which lies in their path. As whatever interests our neighbors in this respect must have to do to some extent with ourselves, we reproduce the following remarks on the subject as viewed from an American standpoint:—

The suicidal policy, so far as trade is concerned, of this Government's

TELEGRAMS:  
"ATTRACTION," LIVERPOOL

TELEPHONE  
NO. 6348.

# WILLIAMS & Co.,

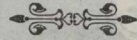
Wholesale and Export Manufacturing Confectioners.

96 Wood Street,  
LIVERPOOL, Eng.

## Specialities.

Chewing Gums  
Chewing Wax  
Caramels  
Caramel Toffee  
Turkish Delight  
Soft Pan Work.

Special Prices to Canadians  
under the New Tariff.



Send for Samples and Prices.

treatment of Chinese now coming to this country—not to mention the agitation for the total exclusion—is well outlined in the following interview with a responsible business man of Shanghai—an American who has just arrived on a visit to this country. This gentleman said in the course of conversation with a representative of this journal recently:

"I can certainly speak with authority on this subject. The many petty annoyances and technicalities imposed upon the better classes of Chinese now coming to this country and the agitation for the total exclusion are slowly and surely undermining American prestige in China. This conclusion is not my personal opinion, but what has been said to me at various times by high officials—intelligent Chinese—when the subject has been one under discussion. I have now spent five years in China, during which time I have cultivated the acquaintanceship and friendship of Chinese exclusively and have an acquaintance and friendship with nearly all the leading Chinese officials, and was upon close personal friendly relations with His Excellency Li Hung Chang, and therefore I can give you information with some degree of authority and knowledge.

"It is unfair to judge of the Chinese as a nation from the few coolies who are in our midst, and there is as much distinction as there would be between the people of the slums and our other

grades of people. The majority of the Chinese in the United States are from the coolie classes of Ning-Po and the water people of Canton, the lowest strata of Chinese. The governing, mercantile, intelligent Chinese recognise the inconsistency of United States legislation which bars out Chinese labor yet admits the paupers or dregs of all other nationalities, etc., yet do not seriously object to legislation which keeps Chinese in China. In fact, barring the sentiment due to the class or national discrimination, they secretly favour this law. The Geary Act, consistently and fairly enforced, affects only the coolies, and they have no power or influence to affect the relations between China and the United States for good or bad; but when you submit men of intelligence, merchants, students, and officials, to petty indignities and under quibbling technicalities detain them at the port of entry, making the entry odious and often returning them to China through a flaw that is eagerly looked for, you are sowing the seeds of distrust, ill-feeling and even desire for revenge or retaliation amongst that class, that will and can bear fruit in the future to some sure cost against the United States and this rabid, indecent haste for legislation to enact a law against the nation as a whole means that it will not be a subject of interest as before to the coolies alone, but to every Chinese, including that class who gov-

ern trade and legislation; and it is not to suppose but that it will result in greater injury to the United States than benefit, which the present action of officials under the Geary Act and the new Act will give.

"The Geary law was enacted to protect American labor against Chinese coolie competition. There is a grave doubt with many at the present time as to the wisdom of this act and as to how far the Chinese coolie did and does affect American labor and as to whether in certain lines, such as agriculture, railway construction, digging, etc., they are not a general benefit to the many, greatly overbalancing the injury to a few. But admitting the correctness of this legislation, what more can we ask for than the re-enactment of the Geary law? We do not object to the Chinese as a nation. They make good law abiding residents. If they do not assimilate, become citizens and stay here it is probably due more to the fact that we specially deprive this one nation of the privileges that we accord to all others. It is the rate of wages they are willing to work for. This is the substance of the entire agitation, and if the question of wages were gone into we would probably find other nations, especially the Japanese, not far removed from the scale of wages of the Chinese. If it is the desire of our legislators to protect American working men against cheap labor, why not enact a law providing a schedule of wages for all

Agri.  
Bell T.  
Brit.  
Brit.  
Jan. C.  
Jan. I.  
Jan. P.  
Can. P.  
Centr.  
Domi.  
Domi.  
Domi.  
Hamil.  
Home.  
Huro.  
Imper.  
Lands.  
Lond.  
Lond.  
Manit.  
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Ont.  
Ont.  
Peopl.  
Real.  
Riche.  
The B.  
Toron.  
Toron.  
Toron.  
Winds.







Telegrams :—Theorem Patricroft, Codes :—A. B. C. 4th Edition and Engineering.

The Gardner Oil & Gas Engines,  
**L. GARDNER & SONS LIMITED.**  
 Patricroft, Manchester, England.

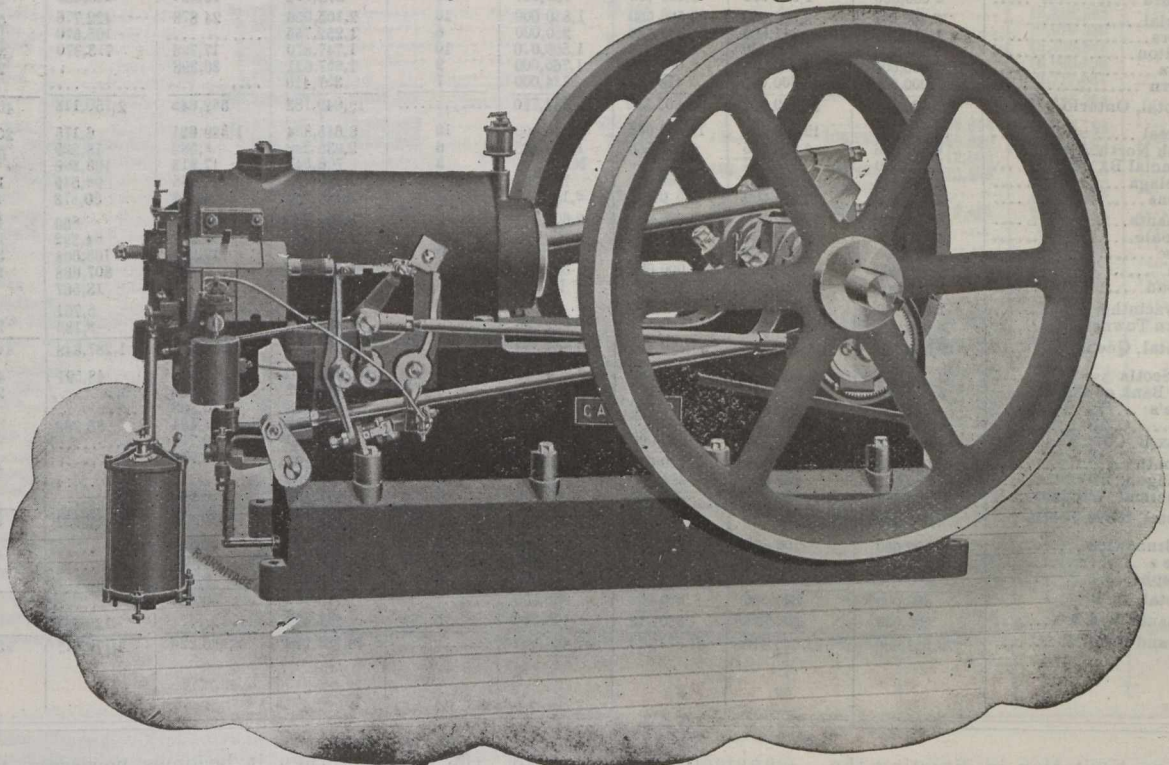


Photo of 20 B. H. P. Oil Engine.

Makers of :

- Gardner Oil Engines—Petroleum.
- Gardner Gas Engines—Town or Producer Gas.
- Gardner Spirit Engines—Gasoline, Benzoline.
- Gardner Alcohol Engines—Methylated Spirit.
- Gardner Launch Engines—Oil, Spirit or Alcohol.

LONDON OFFICES AND SHOWROOMS,

- Engines from ½ B. H. P.
- Horizontal and Vertical.
- Tube Ignition with Ignition Valves.
- Electric Ignition.

More than 2000 Engines Sold and Working Successfully in all Parts of the World.

200 Engines Always in Progress.

87 QUEEN VICTORIA STREET, E. C.

goods turned out, to the extent that while they combine in pleasing while they are comparatively new, they will prove worthy of future favorable comment by their durability when comparatively old. These are the lines on which the wheels of progress and

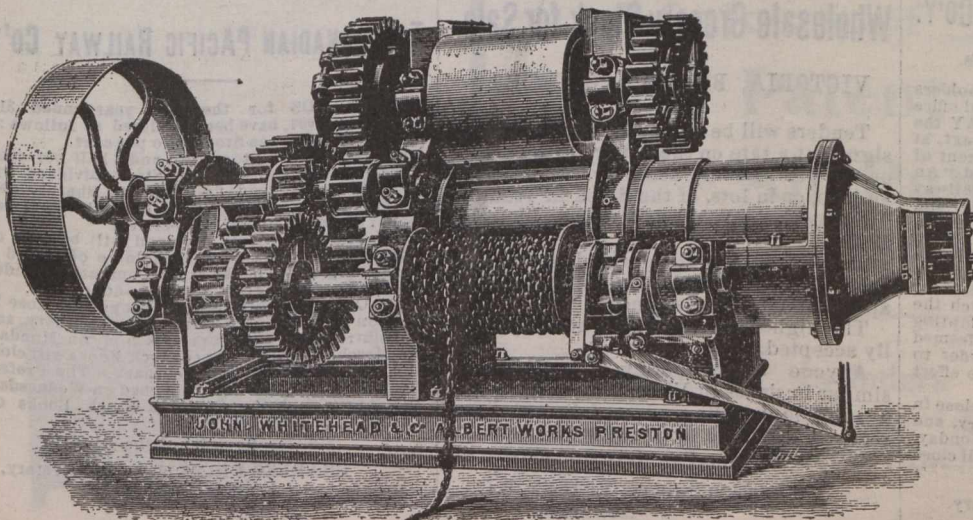
expansion have been running so smoothly for the Eclectic Steel Company, and which has been causing their business to expand so generously in the home market that the company now contemplate appointing a resident Canadian agent, who will give to their

products the push by which a new article is often greatly assisted in a new country. From the favorable comments before us of the output of this enterprising company, whose advertisement is to be seen in each issue of the Canadian Journal of Commerce,

Telegraphic Address:  
 'BRICKTILE, PRESTON.'

A.B.C. Code, 4th Edition.

**JOHN WHITEHEAD & CO.,**  
 LIMITED.



Albert Works,  
 PRESTON, ENGLAND.

Brickmaking Plant

"The Manchester."

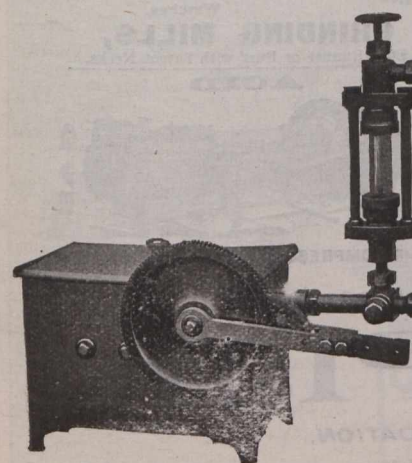
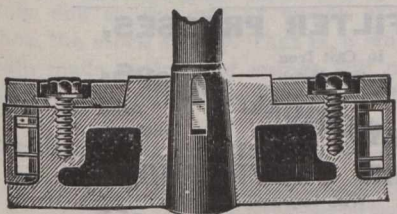
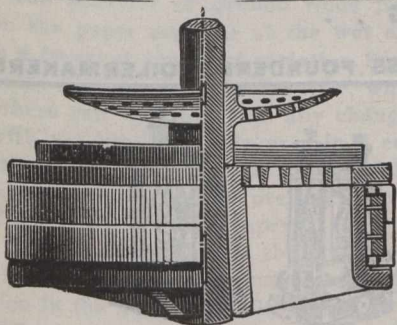
Machinery and appliances for the manufacture of Bricks, Tiles and Pipes, under the new Canadian Preferential Tariff.



	BANKS. Liabilities—Continued.	Dep. by public pay. after no tice on fixed day in Can.	Deposits elsewhere than in Canada.	Loans from Banks in Can. secu'd	Depo. made by and Balances Due other Bks. in Can	Balances Due other Bks or agts in U. K.	Balances Due bks or agts not in Can or U.K	Other Liabilities.	Total Liabilities.	
1	Toronto.....	\$ 9,674,493			\$ 268,056	\$ 34,844	\$ 5,138	\$ 118	\$ 16,049,153	1
2	Commerce.....	30,323,916	\$6,236,312		234,178	82,721	554,687	3,107	56,201,535	2
3	Dominion.....	14,802,864							22,248,733	3
4	Ontario.....	6,178,764							9,995,376	4
5	Standard.....	6,921,624							11,215,650	5
6	Imperial.....	11,142,124			78,454				19,330,563	6
7	Traders.....	6,610,703			150	132,885	2,054		10,070,330	7
8	Hamilton.....	8,978,284			11,745	56,291	1,608		15,306,846	8
9	Ottawa.....	7,886,267			202,973	410,737			13,009,496	9
10	Western.....	1,977,224			2,341				2,717,561	10
	Total Ontario.....	103,996,063	6,236,312		797,895	1,290,794	563,487	3,220	176,145,283	
11	Montreal.....	42,675,225	19,525,835		673,934			103,844	92,046,303	11
12	British North America.....	7,863,312	2,100,965		95,166	155,054	106,096	10,089,820	27,694,487	12
13	Provincial Bk. of Can.....	802,496		695,366				12,500	2,509,427	13
14	D'Hochelega.....	5,196,323				194,174	28,436	73,405	8,378,192	14
15	Molson's.....	11,197,706			244,62	416	129,252		18,029,405	15
16	Merchants.....	14,487,410	36,584		923,923	1,259,283	96,873	3,481	25,701,665	16
17	Nationale.....	3,464,241			12,905	91,152			6,936,076	17
18	Quebec.....	3,807,436			127,219	191,473			8,791,740	18
19	Union.....	5,155,621			3,545				9,775,497	19
20	St. Jean.....	279,447						2,158	489,524	20
21	St. Hyacinthe.....	1,041,094							1,375,791	21
22	Eastern Townships.....	5,377,944					14,219	52,893	7,838,102	22
	Total, Quebec.....	101,337,375	21,663,354	695,366	2,081,312	1,891,632	374,376	10,338,101	208,590,059	
23	Nova Scotia.....	11,029,046	2,147,586		435,020		273,382	86,426	20,254,854	23
24	Royal Bank of Canada.....	8,660,827	1,363,488		90,695		246,973	70,035	14,969,057	24
25	People's.....	1,928,778			31,640	76,774			3,241,842	25
26	Union.....	3,080,295			37,775			78,019	4,620,998	26
27	Halifax B. Co.....	2,842,645			1,646	276,679		21,009	4,463,755	27
28	Yarmouth.....	459,390							6,6385	28
29	Exchange.....	324,631						641	353,406	29
30	Commercial, Windsor.....	514,585			1,112			8,206	1,224,383	30
	Total, Nova Scotia.....	28,740,307	3,511,074		597,888	355,453	520,360	283,467	49,764,660	
31	New Brunswick.....	2,097,908			5,033				3,243,471	31
32	People's.....	263,418			471			84	523,813	32
33	St. Stephen's.....	205,620					3,079	171	421,988	33
	Total, New Brunswick.....	2,569,946			5,504		3,079	255	4,189,272	
34	Merchants, P. E. I.....	368,142			71	4,100		7,782	1,055,516	34
	Grand total.....	237,011,833	31,410,770	695,366	3,482,670	3,541,879	1,461,302	10,682,945	439,734,790	

Eastern Townships Bank bonus of one per cent. equal in all to a dividend of 8 per cent. per annum.  
Molson's Bank bonus of one per cent. equal in all to a dividend of 9 per cent. per annum.

ferred merely to the quantity of pulp passed through the screen in an hour, as though that were the essential purpose of a screen. In the case of the grinder, the condition of the stones, the pressure on the wood, the nature of the wood itself, are questions which have to be studied as a part of the superintendent's work, in order to pre-



# ALEXANDER OLDHAM & SONS,

Johnson Brook Patent Piston Works,

DUKINFIELD, - near MANCHESTER, - ENGLAND.

Telegraphic Address: "WELDESS, Dukinfield."

Makers of  
Patent Pistons,  
Air Pump Buckets,

FROM 2-in. DIA. TO 120-in. DIA.

Reboring Cylinders and Air Pump Barrels  
in their places. Planing Valve Facings  
by Improved Machinery.





GOLD MINERS DRILL STEELS

**HOBSON, HOUGHTON & CO.**

SUCCESSORS TO FRANCIS HOBSON &amp; SON

SHEFFIELD, ENGLAND.

MINE  
HAMMER  
& PICK

Sole Manufacturers of

HOBSON'S "CHOICE"  
(XX) Extra Best & "Warranted" Best**Cast Steels,**  
FOR TOOLS, &c., &c.HOBSON'S "CHOICE" Extra Quality NEEDLE WIRE,  
as supplied to leading consumers for 90 years, in the  
United States of America.

Specialty for Machine or Hand Drilling.

Established upwards of 100 Years.

The existence of slivers in paper is a great source of trouble. On a fast running paper machine a small piece of untreated fibre will cause a break at the calenders, and thus produce a tremendous quantity of broken paper. The loss of time and money created when a reel breaks on the printing machine is also very considerable.

The color of the pulp is not a variable quality to any great extent when ordinary care is exercised in manufacture. At the same time it is as well to point out the causes of trouble in this connection. The color of pulp is liable to be lowered by the use of what is known as dozy or rotten wood, which is usually dark colored. Again, when the wood is not properly barked there is a certain quantity of dark colored bark left on the short pieces of wood supplied to the barkers, and this goes into the pulp, save and except what is washed away on the screens. Cleanliness of the pulp and freedom from dirt are desirable

features of a first class pulp, and in cases where the water used is at all dirty or muddy, then it is necessary to filter the water allowed to run into the grinders. The minute particles of dark vegetable matter found floating in river water seem to possess a special facility for clinging to fibres, and it is astonishing how dirty a pulp will look even when with only a small quantity of dirt particles.

One of the most familiar and frequent sources of trouble as well as perhaps the most serious is that of moisture. This question has given rise to endless disputes and litigation. The desirability of endeavoring to make the pulp contain a definite and constant percentage of moisture is evident from this fact alone. In the first place it would insure the delivery of a stated quantity of air dry material, and the paper maker would have some assurance that he was getting what he was paying for. It would further prevent irregularities in the fur-

**Steel Forgings  
And Castings.**

Horse Rasps, Files, Etc.

Sole Manufacturers of:

**"SOHO" Special Self-Hardening Steel**

Best and Cheapest on the Market.

Canadians have 33 $\frac{1}{3}$  p.c., in their favour, by purchasing these English goods from us, under the new Canadian Preferential Tariff.

New York Office and Warehouse.

nish of the beaters. Unless the percentage of dry pulp in a parcel of ground wood is known, the amount of dry fibre added to an engine might vary within limits that would reduce the quality of the paper.

The conditions which cause these variations are not difficult to locate. They arise from one or two stages of manufacture or from a combination of them. Thus the amount of water added to the pulp during the process of grinding is one. The treatment of the diluted pulp in some form of concentrator constructed for the purpose of reducing the amount of water and getting the pulp in a more concentrated form for use direct in the beaters is another operation which may through inattention give trouble, though not often.

The usual cause of variation is to be found in the wet presses.

Here the excess moisture is removed by pressure of rolls in close con-

**Irwell Rubber Co., Limited.****MANCHESTER, - - ENGLAND,**

Contractors to the British Admiralty and War Office and all the principal Railroads at home and in the Colonies.

Manufacturers of every description of MECHANICAL INDIA RUBBER AND ASBESTOS GOODS used by Manufacturers, Railroads, Steamships, Mines, Power Plants, &amp;c., &amp;c.

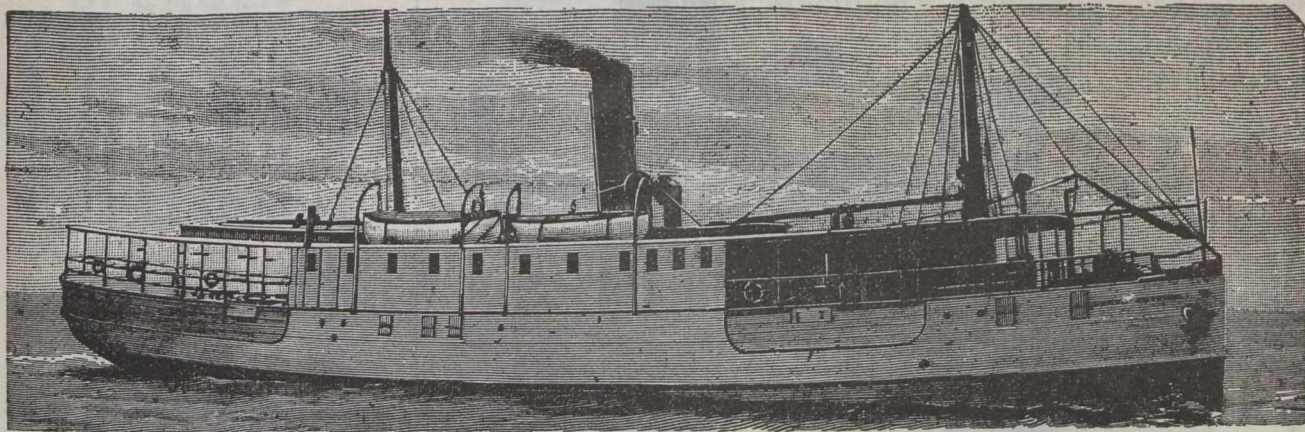
Solid and Insertion Sheets, Valves, Buffers, Washers for Steam and Water Joints, Rubber Belting, Hose of all kinds. Solid Rubber Tubings, Packings, of every description, Matting, Roller Covering, Fruit Jar Rings, &amp;c., &amp;c.

Give our "Brucoso" Belting a trial. Tensile strength of 6" x 4 Ply 12,000 lbs. The Latest. Strongest and Best Gripping Belt made.

Special rates under the new Canadian Tariff. Enquiries invited.

# Lytham Shipbuilding & Engineering Co.

## LYTHAM, ENGLAND.



Builders of Light Draft Twin-Screw Steel River Passenger Steamers as supplied for  
H. M. Indian Government.

STEAM LAUNCHES UNDER CONSTRUCTION FOR SALE. STEEL STEAM BARGES. TWIN & SINGLE SCREW  
STEAM TUG BOATS. Telegraphic Address: Sternwheel; Lytham.

tact, the pressure on the pulp being determined by hand wheels regulated by the men in charge of the machines.

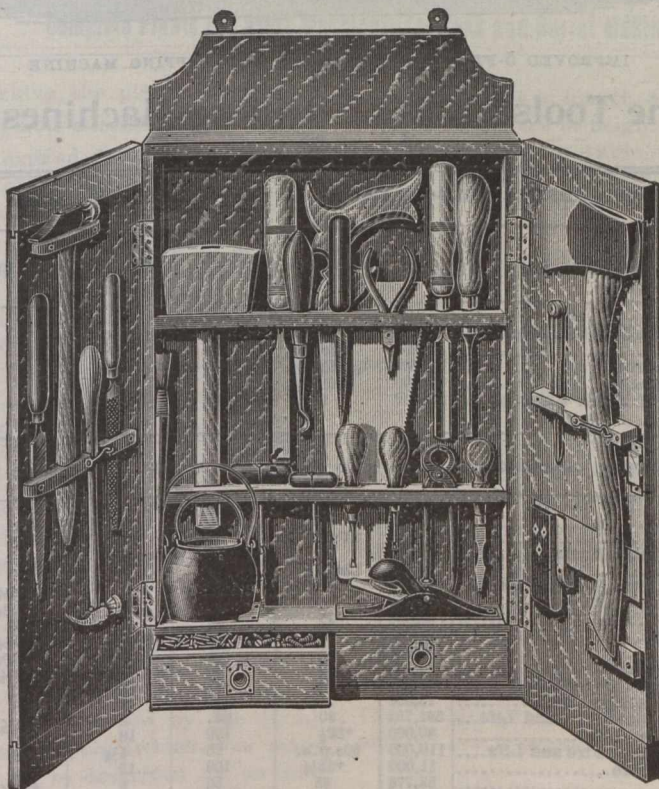
### COOKING STOVE HISTORY.

Various Improvements Which Led Up  
to Its Final Perfection.

Josiah M. Read, the inventor of a cooking range and a manufacturer of stoves, died at Boston, not long ago, at the age of 92 years. Mr. Read began the manufacture of stoves in Boston, in 1839, says Machinery, and invented his cooking range in 1846. It has been erroneously stated that he was the originator of the cooking stove or range, whereas he is, in all probability, only an improver of it. There appears to be no authentic record of who was the inventor of the portable air-tight stove for domestic use. Isaac Orr, who died in 1844, at the age of 50 years, is said to have been its inventor, but the claim is not well substantiated, and, in fact, is proved untrue by air-tight stoves built as early as 1767. The first cooking stoves were made by an adaptation of a baking oven to the box stove, such as formerly generally used in schools, churches, etc. Such a cooking stove was made in 1812 at Hudson, N.Y., by a Mr. Hoxie, but it appears that he was not the originator of the idea, as subsequent litigation developed the fact that his patent claim was based on the fire-box being above the oven, with a flue to carry the products of

## James Needham

Manufacturers of every description of TOOLS, CARPENTERS', GENTLEMEN'S  
OAK TOOL CHESTS, TOOL CABINETS, JOINERS MALLETS, ETC.

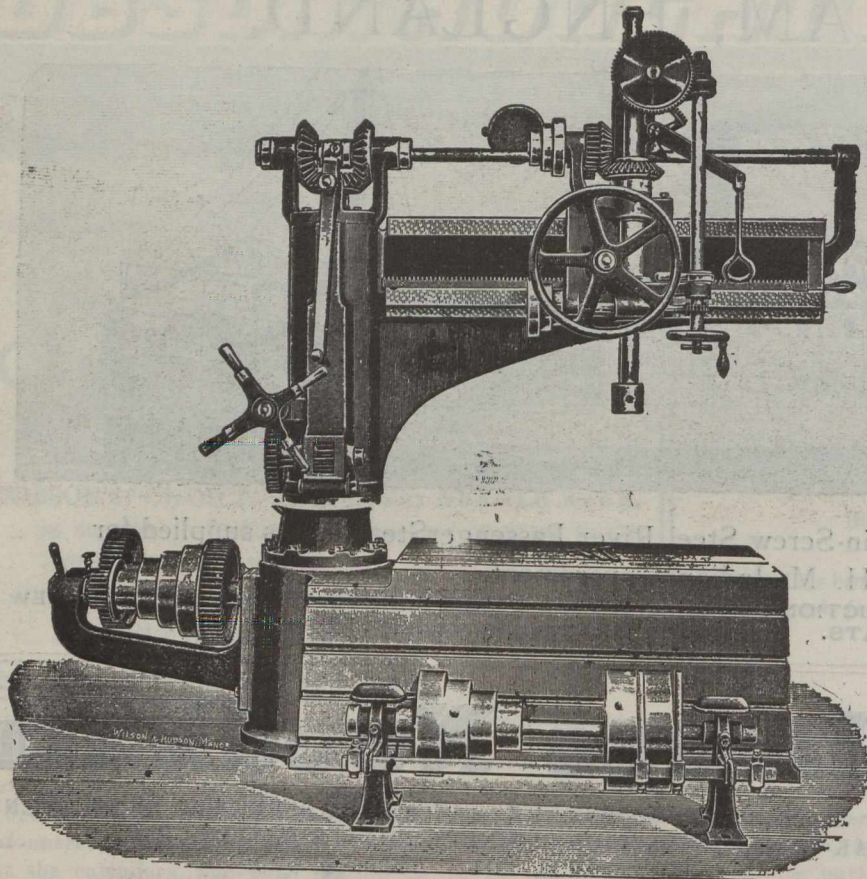


CITY OAK WORKS,  
BROWN ST.  
And SHOREHAM ST.,  
SHEFFIELD,  
ENGLAND.

TAYLOR & WATKINSON,  
Machine Cast and Planed Printers' Leads.  
Peter's Yard, Kirkgate, Leeds, Eng.

# GEORGE SWIFT,

Claremont Iron Works, HALIFAX, ENGLAND.



IMPROVED 5-FT. RADIAL DRILLING AND TAPPING MACHINE

Machine Tools of every Description. Drilling Machines — A — Speciality.

STOCKS AND BONDS—INSURANCE COMPANIES—CANADIAN.—Montreal Quotations Feb. 24, 1902.

NAME OF COMPANY.	No. Shares.	Last Dividend per year.	Share par value.	Amount paid per Share.	Canada quotations per ct.
British American Fire and Marine....	15,000	3½-6mos.	350	\$50	98
Canada Life.....	2,500	5-6mos.	400	50	....
Confederation Life.....	10,000	7½ 6mos.	100	10	....
Western Assurance.....	25,000	5-6mos.	40	20	95
Guarantee Co. of North America.....	13,372	6	50	50	....

BRITISH AND FOREIGN.—Quotations on the London Market, Feb. 15, 1902 Market value p. p'd up sh.

Alliance Assur.....	250,000	8s. p.s.	20	2 1-5	10	10½
Atlas.....	24,000	24 p.s.	50	6	27	228
British and Foreign Marine.....	67,000	25	20	4	19	20
Caledonian.....	21,500	12s. p.s.	25	5	5	28½
Commercial U. Fire, Life and Marine.....	50,000	27½	50	5	44½	48½
Guardian Fire and Life.....	200,000	9	10	5	3½	9½
Imperial Fire.....	60,000	25	20	5	29	30
Lancashire Fire.....	136,493	5	20	2	3½	3½
Lion Fire.....	100,000	3	2½	1½	1½	1½
London and Lancashire Fire.....	85,100	22	25	2½	17½	18
London Assurance Corporation.....	35,362	20	25	12½	51	58
London & Lancashire Life.....	10,000	10	10	2	8	8½
Liv. & Lon. & Globe Fire and Life.....	391,752	90	St.	2	44½	45
Northern Fire and Life.....	30,000	*22½	100	10	71	73
North Brit. & Merc. Fire and Life.....	110,000	30s. p.s.	25	6½	36	37
Norwich Union Fire.....	11,000	*33½	100	12	104	107
Phoenix Fire.....	53,776	35	50	5	235½	36½
Royal Insurance Fire and Life.....	125,214	58½	20	20	45	49
Sun Fire.....	240,000	8s 6d p. s.	10	10	10	10½
Union.....	45,000	18 p.s.	10	4	13	15

\*Excluding periodical cash bonus.

combustion downward around the oven.

To Gordan L. Mott, of New York, belongs much credit for the development and improvement of stoves. He is said to have been one of the first to successfully use cupola or remelted iron for stove plates. Prior to this stove plates were made from blast fur-

nace iron, which is, of course, the same as pigiron, and they were consequently very rough and heavy. The reason for using such iron was that no one had been able to use remelted iron successfully on account of the plates cracking from the heat. Mott used cupola iron and got thin clean castings, which made what were then thought to be elegant stoves. To

# A BIG SELLER!!

Everyone in the Trade should stock them.



## KING'S OWN CARAMELS



8 a

1d



Manufactured  
Solely by  
The

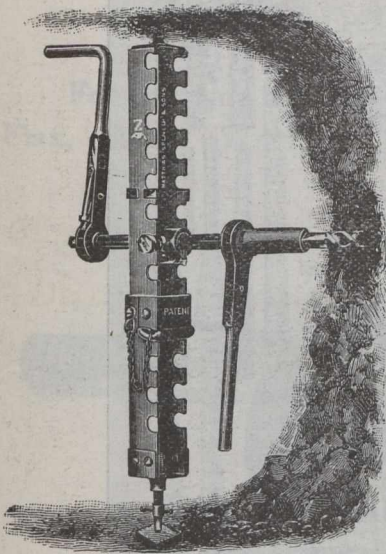
## Lancashire Steam Confectionery Co.,

LIVERPOOL,  
England.

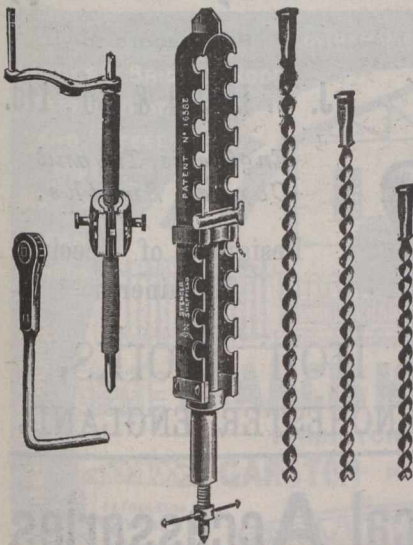
Special prices to Canadians under the new tariff.



# MATTHIAS, SPENCER & SONS,



These Mining Tools are manufactured for the Canadian Market under the New Preferential Tariff, which favours Canadians.



Ratchet Handle, charged extra.

Albion  
Steel  
Works,

SHEFFIELD, ENGLAND.

# JOHN PICKLES & SON,

Saw-Mill Engineers and Wood-Working Machinists,

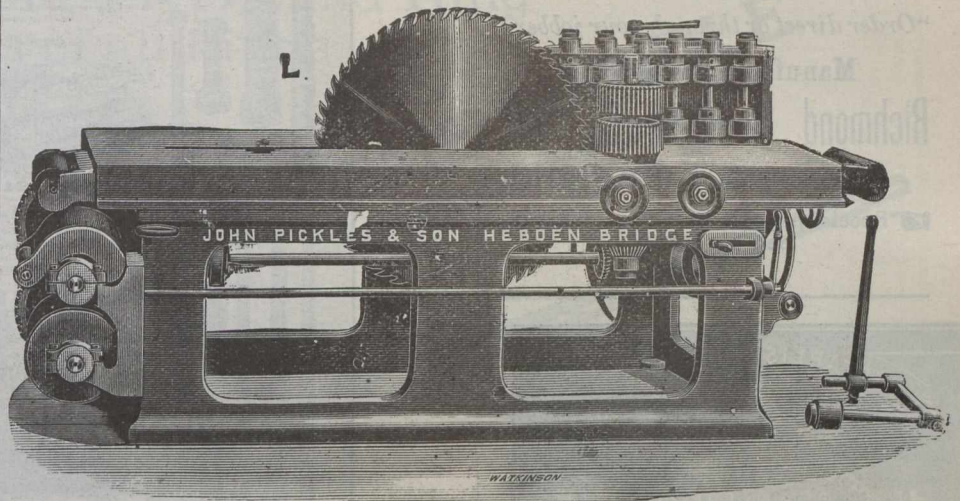
HEBDEN BRIDGE, ENGLAND.

Makers of Every Description of

Wood-Working Machinery, Cooperage Machinery, Wood-Pulp Machinery, Saw Mill Machinery . . .

FOR HOME, FOREIGN and COLONIAL REQUIREMENTS.

CARRIAGE, WAGGON and SHIPBUILDING MACHINERY.



Engines, Boilers, Shafting, Saws, &c.

Large Illustrated Catalogue on Application.

Complete Saw Mill or Woodworking Plants quoted for and supplied to any country.

Complete Plants of Latest Machinery for Cask and Barrel Making.

avoid cracking, the plates were panelled, fluted, and curved, which allowed them to expand freely when heated, so that Mott's first success appears to have been more because of design of the plates than because of any radical improvement in the quality of the iron. His first patent on stoves was granted in 1832. Joel Rathbone, Albany, N.Y., was another pioneer in the stove industry, who probably did as much if not more than Mott for the improvement of iron founding. He successfully made light, thin stove castings from cupola iron in 1838. His stoves soon became popular because of their lightness and cheapness, and the business of stove making within a few years grew to great proportions.

Bearing on the history of stoves and stove manufacture, the following item, which has appeared recently in a number of publications, is of interest: "A stove is owned by the Michigan Stove Company which was made in 1767. It is described as an old-fashioned box stove, standing upon legs or end braces similar to those of a sewing machine, only that they are about half as high as the latter and are of much heavier casting. The total weight of the stove is 500 pounds and the iron from which it is made is seven-eighths of an inch in all parts. It is three feet long, 34 inches high, and one foot wide, with a hearth extending in front. The only opening on top is a small hole for the pipe. It was evidently used for heating and cooking, although without lids. The oven would hardly accommodate a turkey, even of modest dimensions. It measures fourteen and

one-half inches in length, twelve inches in width, and six in height. The floor of the oven is removable, thus making greater heating capacity. There is no grate in the bottom, the fire being built directly on the bottom of the stove, the heat passing from below the oven, back of it and over the top to the pipe.

"The outside has scroll designs and crowns in relief, much after the fashion of stoves to-day and on both sides cast with the metal are: 'Hereford Furnace, Thomas Maybury, Manufacturer, 1767.' The stove is well preserved in spite of its almost 150 years of age. Thomas Maybury was a pioneer iron manufacturer in Pennsylvania and New Jersey in the eighteenth century. Hereford Furnace was one of his enterprises. It was located in the Schuylkill Valley, Pennsylvania, and was in existence and active as late as 1788. Mr. Maybury was himself a man of much prominence.

## MODERN CATERING.

The swell New York caterers have this season gone into the business of providing ready prepared food for their customers on a big scale. They will furnish, says the Times, anything from a fifteen-course dinner to a teaspoon, or from terrapin and canvas-back duck to consomme and ice cream.

Many families have been in the habit of sending to a caterer on state occasions, and when there is a wedding, a dance or a big reception, it has been a matter of frequent occur-

**"PIONEER"  
GOLDEN FLAKE  
CAVENDISH TOBACCO.  
MADE IN LIVERPOOL, ENGLAND.**

TRADE PRICE:

1/2 lb. tins.....	\$1.20
1/4 lb. tins.....	\$1.25
1/8 lb. package.....	\$1.30
1-16 lb. package.....	\$1.30
Per lb.	

"Order direct or through your jobber."

Manufactured by The  
**Richmond Cavendish Co., Ltd.,**  
Liverpool, England.

Special prices to Canadians under the  
new Tariff.

ESTABLISHED 1878

THOMPSON'S PRINTERS  
PEARLINE REGISTERED

**J. R. THOMPSON**  
MANUFACTURER OF HIGH CLASS  
**ROLLER COMPOSITION & TYPEWASH**  
ROLLERS cast on most reasonable terms,  
A LARGE STOCK OF SUPERIOR  
**LYE BRUSHES** always on hand.

Send for Price List with the opinions of  
numerous well known firms who have used  
these valuable Compositions & Typewashes  
for over 20 years continuously.

**WORKS: HIGH COURT LANE, LEEDS**

England

rence to hire silver, china and glass. It has also been customary to send out for ices, cakes and such things.

This winter, however, the caterers have gone into the business in a more detailed manner than ever, and they are prepared to supply a whole dinner or any course of it, or the silver or china separately, or anything that may be needed. A caterer will furnish a special cook to go to the house and prepare a special course of a dinner, and he will send special attendants in livery to serve it. Orders will be attended to not only in New York City, but in any of the suburbs, at the same rate, with the addition of transportation charges.

A host who wants to give a little dinner, even for five or six people, can go to a caterer and from the caterer's price list he can order just what he wants and be sure that the dinner will be served at about the same price it would cost him were he to take his friends to a high-class restaurant.

The circulars of one of these caterers give twenty-eight different kinds

ESTABLISHED 1850 ESTABLISHED 1859

**JOHN SWAILES & SONS, LD.**  
MAKERS OF  
All kinds of Conical and Parallel  
**PAPER TUBES,  
SPOOLS & BOBBINS,**  
For Cotton, Silk, Worsted, Woolen, Linen, Flax, Hemp, Jute and Tow Spinners.  
Manufacturers: Yarn Dyers, Winders, Doublers, Thread  
Manufacturers, &c., &c.



PATENT PAPER PERFORATED & SPECIAL TUBES & SPOOLS  
FOR READING AND THE FITTING OF  
PERFORATED TUBES ON E. JACOB & Co's Patent System  
CANNETTES, PAPER PINS  
Patent Conical and Parallel TUBES and SPOOLS  
For Case Binding, Orange, &c., &c.  
"OLDEST MAKERS OF PAPER SPOOLS & BLOCKS"  
FOR MILL PURPOSES.  
**COMPRESSED PAPER BOBBINS OF ALL KINDS**  
FOR MILL PURPOSES.  
For Ring, Mangle, Spinning, and other Frames, Winding, Tending,  
and other Mill Machinery.  
Special WARPING BOBBINS for Exporting Yarn, Twist, &c.  
PAPER TAP SLEEVES for Brewers, &c. BRASS & WIRE SPINDLE NUTS.  
Sole Makers of SWAILES' PATENT TUBING APPARATUS,  
(EITHER PERMANENT OR PORTABLE)  
Which is distinguished from all others used by superior and well adapted to be  
the most Expeditious & Durable Tubing for the Equipping  
of Mills, Looms, Spinning Frames, &c. &c.  
Manufacturers: Paper Factories: "TUBLEY, Oldham"  
No. 10 FINE, DUBLIN. All Communications to be  
addressed to the Works.

Oldham Cop Tube Works.  
**MOORHEY, OLDHAM,**  
ENGLAND

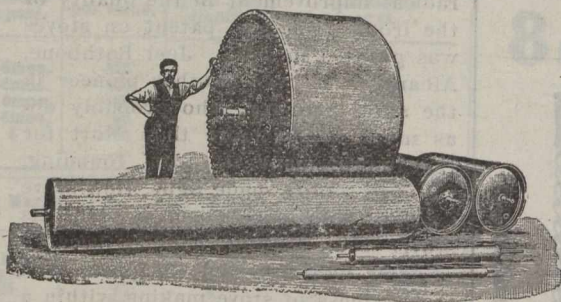
Telegraphic Address:—"DAZZLE, MANCHESTER." A.B.C., Code.  
**Donovan & Co., Ltd.,**

Successors to

**J. S. LEACH & Co, Ltd.**

Engineers, Tin and  
Copper Smiths.

Designers of Special  
Machinery.



**Broughton Bridge Iron Works,**  
SALFORD, MANCHESTER, ENGLAND.

**D. & S. Electrical Accessories.**  
**CIRCUIT BREAKERS**

Automatic Maximum, Minimum,  
and Reverse Current

**WITH PATENT "GRIP" CONTACTS.**

Send Enquiries to:—

**DORMAN & SMITH.**

Head Office and Works:—

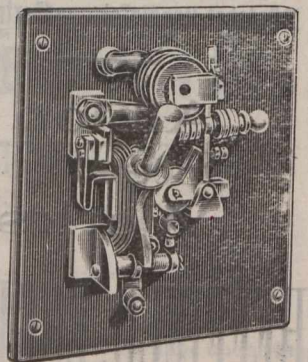
Ordsal Electrical Works,

SALFORD, MANCHESTER, Eng.

And at

94, Charing Cross Road, London, W.C., Eng.

56, Margaret Street, Sydney, N.S.W.



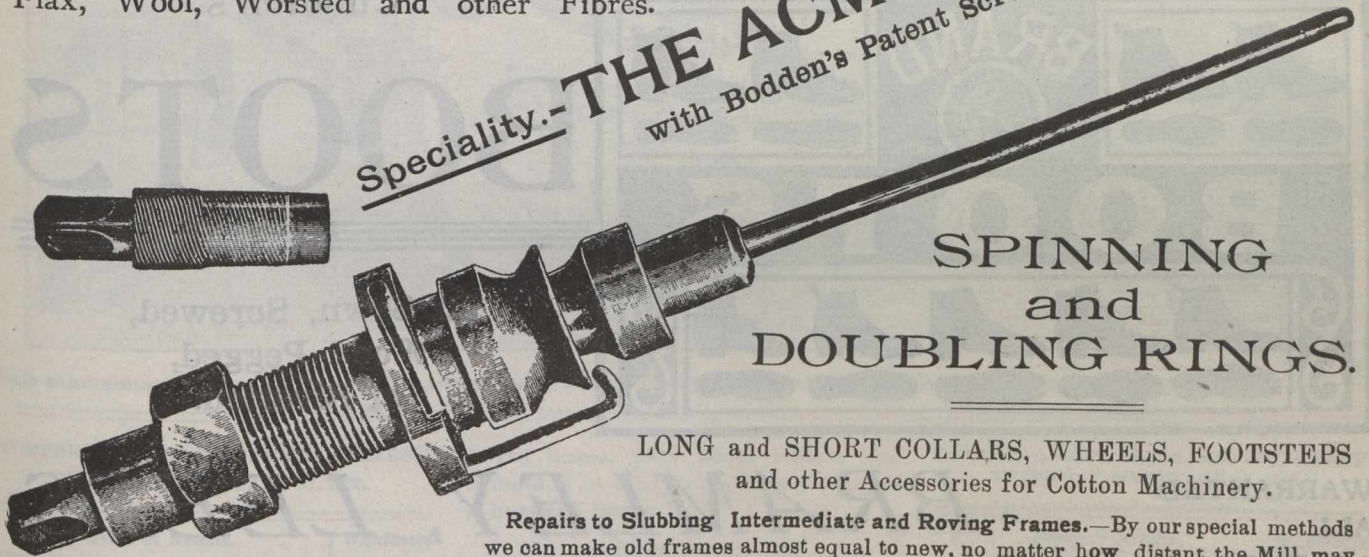
# WILLIAM BODDEN & SON, Limited.

Spindle and Flyer Manufacturers.

Steel Spindles and Flyers and Ring Spindles of all kinds

For Spinning and Doubling Cotton, Silk, Flax, Wool, Worsted and other Fibres.

Speciality.—**THE ACME SPINDLE**  
with Bodden's Patent Screw Oil Tube.



SPINNING  
and  
DOUBLING RINGS.

LONG and SHORT COLLARS, WHEELS, FOOTSTEPS and other Accessories for Cotton Machinery.

Repairs to Slubbing Intermediate and Roving Frames.—By our special methods we can make old frames almost equal to new, no matter how distant the Mill may be from our Works.

Hargreaves Works, - - Oldham, England.

SPECIAL PRICES TO CANADIANS UNDER THE NEW TARIFF.

GOVERNMENT CONTRACTORS.

GIRDERS, BRIDGES, ROOFS, STAGES, WROT. IRON AND STEEL, PIPES, HAY AND CORN SHEDS, RICK COVERS, GRANARIES, WIRAILINGS, GATES, WIRE AND UNCLIMBABLE FENCING OF ALL DESCRIPTIONS.

IRON BUILDINGS, FLOORING BUILDERS IRON AND STEEL WORK, PIERS, BARGES, TANKS, LIGHT & HEAVY CASTINGS, BLAST FURNACE CASINGS, HOT BLAST STOVES, VALVES & RADIAL DRILLS.

**FRANCIS MORTON & CO. LTD.**  
HAMILTON IRON WORKS  
GARSTON NEAR LIVERPOOL.

PETROLEUM TANK, C.I. TANK, RADIAL DRILLS FOR BRIDGE WORK, LONDON OFFICE (12 VICTORIA STREET WESTMINSTER S.W.)

AREA 103 ACRES. CAPACITY OF OUTPUT 30,000 TONS ANNUALLY.

of soups, ranging in price from 60 cents for consomme, to \$2 for terrapin and puree of game. All of the usual soups are on his list, with several others not commonly found. It is a larger assortment than any restaurant gives.

The host can select from twenty-five hors d'oeuvres. The prices are given by the dozen. Fried oysters are the cheapest, at 60 cents a dozen, while the dearest are petites casseroles of stewed terrapin, at \$5.50 a dozen. The list includes all kinds of patties and croquettes. Empty puffs and shells are supplied by the dozen in case the host makes a specialty of some dish that he would rather prepare himself. Lobster a la Newburgh is sold at the same price as terrapin and puree of game.

In relieves there is a range from beef a la mode, at \$1.25 a pound, to Chateaubriand sauce perigord, at \$2 a pound.

There is a long list of entrees to choose from by the pound or the dozen. Salad is sold by the quart, chicken and lobster at the same rate, \$1.25. Boned turkey costs \$1 a pound,

**JOHN STONES,**

Shiffnall Mill,

**BOLTON, Eng.**

Dress and Blouse Materials, Bleached and Unbleached Cottons, Prints, &c.

Also handles a Big Line of Goods, slightly damaged in process. These are valuable to Departmental Stores, under the New Canadian Tariff.

# JOHN HALLIDAY & SON

Wholesale and Export Manufacturers  
Of Strong and Medium



Men's,  
Women's  
and  
Children's

## BOOTS

In Sewn, Screwed,  
Wood-Pegged,  
or Rivetted.

WARRANTED  
ALL  
LEATHER.

## BRAMLEY, LEEDS, ENGLAND.

MONTREAL WHOLESALE PRICES CURRENT.  
THURSDAY, FEBRUARY 27, 1902.

Name of Article.	Wholesale	
	\$ c	\$ c.
<b>Drugs &amp; Chemicals</b>		
Acid Carbolic Cryst medl.....	0 35	0 40
Aloes, Cape.....	0 16	0 18
Alum.....	1 40	1 75
Borax, xtlis.....	0 04	0 06
Brom. Potass.....	0 70	0 80
Camphor. Ref Rings.....	0 00	0 80
" Refoz. ck.....	0 80	0 85
Citric Acid.....	0 40	0 45
Citrate Magnesia lb.....	0 25	0 45
Cocaine Hyd. (oz).....	6 07	6 50
Copperas, per 100 lbs.....	0 75	0 80
Cream Tartar.....	0 20	0 25
Epsom Salts.....	1 25	1 75
Glycerine.....	0 16	0 20
Gum Arabic per lb.....	0 20	0 40
" Trag.....	0 50	1 00
Insect Powder lb.....	0 25	0 40
do per keg, lb.....	0 22	0 30
Menthol, lb.....	5 00	5 50
Morohia.....	1 65	1 75
Oil Peppermint lb.....	2 75	2 50
Oil Lemon.....	1 25	1 50
Oplum.....	3 75	4 00
Oxalic Acid.....	0 06	0 09
Phosporus.....	0 50	0 75
Potash Bichromate.....	0 08	0 10
Potash Iodide.....	3 00	3 40
Quinine.....	0 35	0 45
Strychnine.....	0 65	0 80
Tartaric Acid.....	0 30	0 35
<b>Licorice.—</b>		
Stick, 4, 6, 8, 12, & 16 to lb., 5 lb. boxes.....	2 00	0 00
Acme Licorice Pellets, cans.....	2 00	0 00
Licorice Lozenges, 1 5 lb. cans.....	1 50	0 00
<b>Heavy Chemicals.</b>		
Bleaching Powder.....	2 00	3 00
Blue Vitriol.....	4 75	6 75
Brimstone.....	2 00	2 50
Caustic Soda 60.....	2 25	2 50
" " 70.....	2 50	2 75
Soda Ash.....	1 25	1 50
Soda Bicarb.....	1 75	2 25
Sal. Soda.....	0 75	0 85
" Concentrated.....	1 50	2 00
<b>Dyestuffs.</b>		
Archil. con.....	0 27	0 29
Cutch.....	0 08	0 09
Ex. Logwood.....	0 09	0 12

with truffles for 25 cents extra. Mayonnaise dressing is \$1.50 a quart, pickled oysters are \$3.50 a hundred. All kinds of game in season are supplied boned, larded, and in jelly, or in any other way which may be wished.

The list of desserts takes up five pages. The cheapest are plain French and Italian creams and water ices at 70 cents a quart. Napolitaine cream costs 5 cents more. Punch a la Moinaine, sorbet au firsch, and like ices are a dollar a quart. Ice cream pudding is \$1.20. Ices and ice cream in bricks cost from \$1.50 to \$2.40 a dozen, according to size. Sorbet with champagne and Sicilian pudding with kirsch are the costliest, at \$1.50 a quart. Oranges and lemons filled with punch cost \$3 a dozen, and frozen glasses and cups of punch \$5 a dozen, the same price as that of designs in nougat filled with punch.

Rum jelly is \$1 a quart, 25 cents more than wine jelly. Whipped cream is 50 cents a quart. Meringues and charlotte russe cost a quarter apiece by the dozen. Chocolate vanilla, coffee and pistache eclairs are 6 cents apiece. All kinds of tarts are 6 cents. Mince pie is 75 cents a pie, and when it is large \$1. Any kind of cake will be made from 75 cents a pound up.

The cheapest cake is bride's fruit cake, plain at 60 cents a pound. Bride's fruit cake plainly iced is 70 cents a pound, and when it is ornamented, 80 cents.

Wedding cake put up in white paste-

MONTREAL WHOLESALE PRICES CURRENT  
THURSDAY, FEBRUARY 27, 1902.

Name of Article.	Wholesale.	
	\$ c.	\$ c.
<b>Chip Logwood.....</b>		
Indigo (Bengal).....	1 75	2 50
Indigo Madras.....	1 50	1 75
Gambler.....	0 70	1 00
Madder.....	0 07	0 08
Sumac.....	0 09	0 12
Tin Crystals.....	60 00	65 00
".....	0 23	0 30
<b>Fish.</b>		
Blosters, per box.....	1 00	1 25
Labrador Herrings, N.F.....	0 00	0 00
Herrings, Nova Scotia.....	0 00	5 30
Mackerel No. 2, bris.....	0 00	12 50
" " ¼ barrel.....	8 00	8 50
Green Cod. No. 1.....	7 00	7 50
Green " large.....	0 00	3 00
No. 2.....	5 00	5 50
Large dry Gaspe per qntl.....	5 00	5 25
Salmon, bris Lab.....	11 50	14 00
Salmon, (half bris).....	0 00	6 50
" Brit. 3/4 bris.....	11 50	12 00
Boneless Fish.....	0 04	0 00
" Cod.....	0 05	0 06
Skinless Cod, case.....	5 00	5 50
N. S. Salt Herrings, in half-barrels.....	0 00	3 00
Salt Lake Trout, half-bris.....	0 00	0 03
Salt Whitefish.....	0 00	0 00
Loch Fyne Herrings, keg.....	1 10	1 15
<b>Flour.</b>		
Winter Wheat patents.....	4 00	4 10
Manitoba patents.....	0 00	4 10
Straight roller.....	3 65	3 80
do bags.....	1 75	1 85
Strong Bakers.....	0 00	3 80
Superfine.....	0 00	0 00
Rolled Oats.....	5 40	5 50
Corn meal, bag.....	1 50	1 55
Bran bulk.....	18 00	19 00
Shorts.....	20 00	21 00
Moullie.....	24 00	27 80
<b>Farm Products.</b>		
BUTTER; Choicest Cr.....	0 21	0 22
Winter makes do.....	0 20	0 21
Townships Dairy.....	0 17	0 18
2nd Grade.....	0 00	0 00
Western.....	0 14	0 17
Good to choice.....	0 13	0 15
Fresh Rolls.....	0 17	0 18









ISN'T IT DELICIOUS?  
It's Mackintosh's  
Extra Cream Toffee "

# John Mackintosh, Ltd.,

"THE  
TOFFEE  
MILLS."

HALIFAX, ENGLAND.

## Mackintosh's Extra Cream TOFFEE

HAS THE LARGES SALE  
IN THE WORLD.

Special price to Canadians under the New Tariff .. .  
Agents wanted through Canada, apply at once to the Makers

JOHN MACKINTOSH, LTD.

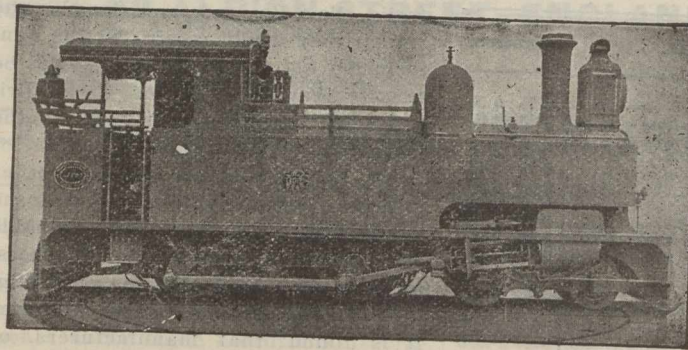
HALIFAX,  
ENGLAND

MONTREAL WHOLESALE PRICE CURRENT  
THURSDAY, FEBRUARY 27, 1902.

Name of Article.	Wholesale.	
	£ c.	s c.
Imperial Acme .....	0 16	0 17
American W. W. ....	0 18	0 19
Astral .....	0 19	0 20
<b>Glass.</b>		
Unaltd inches, 00 to 25.....	0 00	2 10
do 26 to 40.....	0 00	2 20
do 41 to 50.....	0 00	4 70
do 51 to 60.....	0 00	4 90
<b>Paints, &amp;c.</b>		
Lead pure 50 to 100 lb. cask.....	0 00	5 87½
do No. 1.....	0 00	5 50
do No. 2.....	0 00	5 12½
do No. 3.....	0 00	4 75
do No. 4.....	0 00	4 62½
White Lead dry.....	5 50	5 50
Red lead.....	5 00	5 50
Venetian Red Eng h.....	1 75	2 00
Yel. Ochre, French.....	1 50	3 25
Whiting, ordinary.....	0 45	0 50
do Gilders.....	0 60	0 70
do Paris, do.....	0 85	1 00
English Cement, cask.....	2 25	2 35
Belgian do.....	1 70	1 95
German do.....	2 30	2 50
American do.....	2 25	2 50
Fire Bricks per 1000.....	16 00	22 00
Fire Clay.....	1 50	1 75
Rosin.....	2 75	4 50
<b>Glue:</b>		
Domestic Broken Sheet.....	0 13	0 15
French Casks.....	0 11½	0 13
do brls.....	0 00	0 14
American White, brls.....	0 16	0 20
Coopers' Glue.....	0 20	0 25
Golden Ochre.....	0 04	0 04
Brunswick Green.....	0 04	0 10
French Imperial Green.....	0 12	0 15
Jeauine Quicksilver.....	0 90	0 95
No. 1 Furnit'e Varn'g, pr. gl. ....	0 65	0 70
do do.....	0 75	1 00
Brown Japan.....	0 60	0 75
Black Japan.....	0 50	0 75
Orange Shellac, No. 1.....	2 00	2 25
do do Pure.....	2 25	2 75
White do.....	2 75	3 00
Putty Bulk 100 lb. brl.....	0 00	2 00
Parisgreen in drum 1 lb pk.....	0 18½	0 19½
<b>Wool</b>		
Canadian Washed.....	0 12	0 5
North West.....	0 13	0 10
Unwashed.....	0 08	0 00
Pulled, combing.....	0 00	0 00
do super.....	0 00	0 00
do extra.....	0 00	0 21
B. A. Scoured.....	0 25	0 33
Natal.....	0 16	0 16½
Cape, greasy.....	0 13½	0 15
Chilian.....	0 11½	0 13
Australian greasy.....	0 16	0 20

THE **Hunslet Engine Company,**  
LEEDS, Eng.

Telegrams: " ENGINE, LEEDS.



**Locomotive Tank Engines**  
of all descriptions  
and any size, for  
Ironworks, Collieries, Contractors, Docks, Manufactories, Branch Railways, &c., &c.

Specially designed for any circumstances, or to suit any Gauge of Railway.  
**Arrangements Made for Hire.**  
On Purchasing Lease or otherwise.

Special prices to Canadians under the New Canadian Tariff.

ed to hotels from St. Louis to New York. She had been wearing about \$7 worth of bustle."

There are other things besides hotel napkins which are misappropriated. Among other things there are the milk bottles of milk concerns. One of the officials of one of the largest of these concerns spoke upon this subject when questioned.

"Yes," he said, "we have trouble about our milk bottles. There is a legend blown in the glass to the effect that these bottles are to be 'washed and returned.' They are never washed—and I don't believe they would ever be returned if we hadn't a good detective force in our collectors. Well, no, I won't say just that. but a whole lot are not washed—and a whole lot are not returned.

"Of course the matter of preliminary washing by the customer does not mean any less work for us. We have to put the bottles through a sterilizing process anyhow, but it saves the noses of the milk waggon drivers, and makes the conditions for all concerned more sanitary and tolerable.

"The greatest offenders in this way are the middle-class flat-house livers

—which, of course, means pretty much all there are. Some send down their bottles every morning—or are expected to do so. Others have the bottles collected once a week when it is their habit to pay their bill. If the system in a flat means milk-bottle delivery every day, there frequently comes a day when the 'Milk isn't used up yet.' That particular bottle is pretty apt to require a search warrant to find. Once in a while a bottle is broken, of course, but generally they are employed to hold all sorts of things.

"One day a collector went into a flat for his bill, and on a still hunt for bottles. There has been a strange disappearance of milk bottles in that family for a long time, and, with bankruptcy staring us in the face, we got desperate, and set out to find the bottles. The collector argued the matter with the servant. He bantered her good-naturedly, and finally she said that she'd bet he couldn't find a milk bottle in the flat is he looked all day.

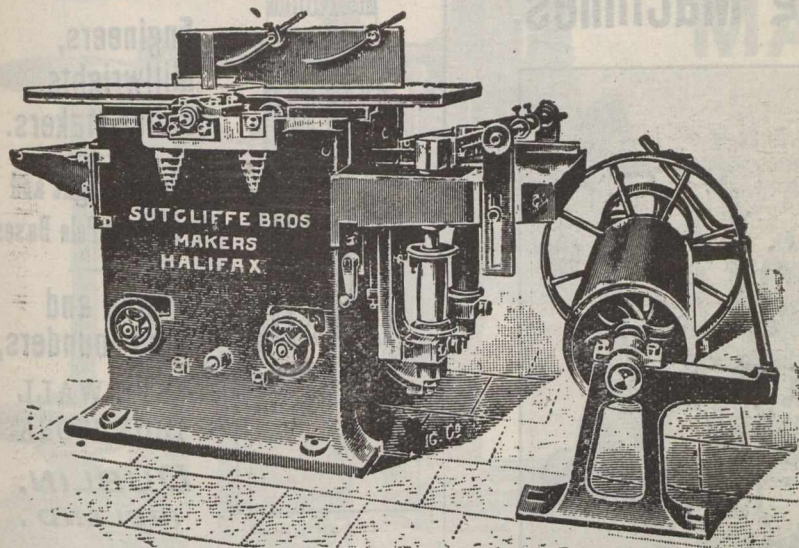
"The collector accepted the challenge and stepped into the kitchen. After a little preliminary banter, he threw open the kitchen cupboard, and

ing a tour of the rooms and gathering in the fragments. They are found lying around with the toilet things in little squeezed-up, wet bunches.

"The housekeeper says they have been used for 'washrags.' They are used for all sorts of other things, too. The housekeeper says she found fifteen tied to a string in a bunch, which a woman who had just left the house had used for a bustle. They belong-



# SUTCLIFFE BROS., Wood Working Machine Makers, Causeway, Halifax, Yorks, Eng.,



Combined 3-Sided and Planing out of Twist Machine

This is the most useful machine that a Joiner or Builder can have. It will plane wood perfectly true on the top tables, or will rabbet, bevel, chamfer, or stop chamfer, or plane a perfect glue joint, and on the bottom table will plane wood, self-feeding underneath the cutters, any thickness from 1-16 in. to 8 in. on all three sides at once or separately; or will work nearly every kind of moulding, or tongue and groove boards, to the full width of the machine. It is specially adapted for **DOORS** or any other work which requires planing accurately; one face of the wood is planed true on the top tables, then placed face downwards on the bottom table, and planed on the other three sides, absolutely true and square. The rate of feed can be altered from 10, 17 to 24 feet per minute, and a cut  $\frac{3}{8}$  in. deep may be taken off without any slipping of the feed motion. The horizontal spindle is all in one piece of forged steel, and runs in long bearings of the best anti-friction metal. It is fitted with **THREE KNIVES** fixed on the twist to give a shearing cut. The upright spindles are of forged steel, and are adjustable across the width of the machine. Countershaft included with machine, and knives on all spindles ready for work. This machine will do more work per hour, and better work, than 20 good men.

Special prices to Canadians under the new Tariff.

there sat the milk bottles. One was full of molasses. One had rice in it. Another was full of some kind of cereal stuff. A cream bottle was full

of dirt out on the fire escape, and some little seeds had sprouted in it. One bottle was used to hold coffee—the servant explained that the patent

top was 'so convenient, because it kept in the strength of the coffee, when it was poured off the grounds to save it.'

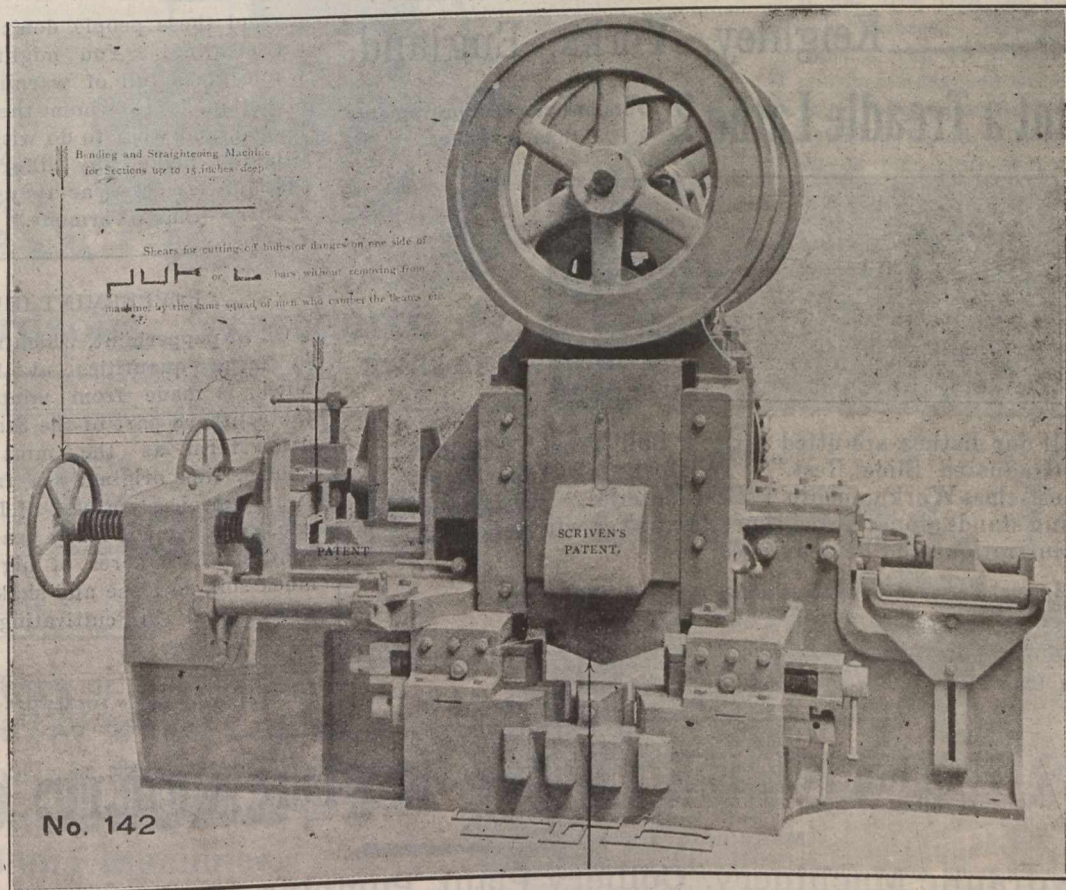
ESTABLISHED 1851.

Tel. Address: "SCRIVEN, LEEDS."

## SCRIVEN & Co., LEEDS. ENG.

Machine Tools and Hydraulic Machinery,

For ENGINEERS, SHIPBUILDERS, BOILER MAKERS and BRIDGE BUILDERS



No. 142

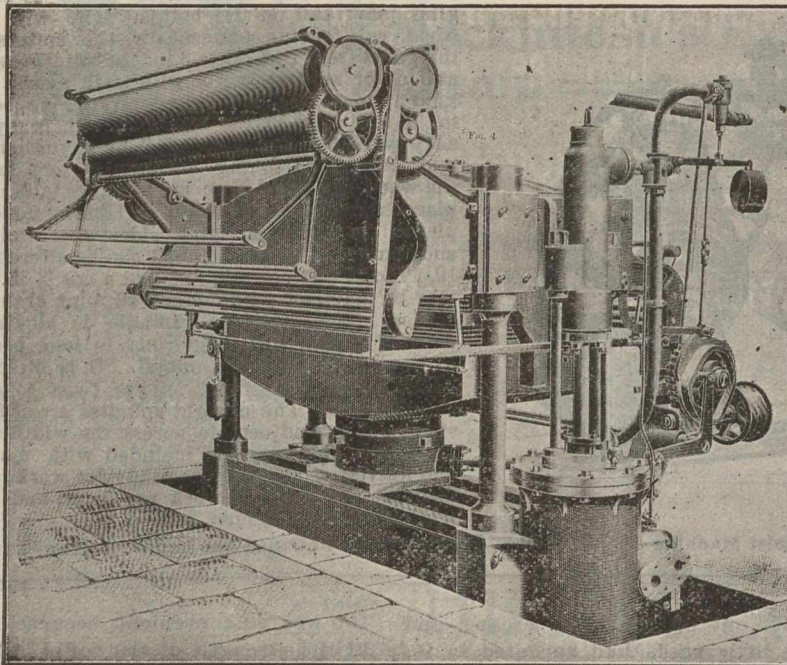
**PATENT COMBINED MACHINE** for Shearing either Right or Left Hand without changing a knife also for Beading Beams and Shearing one side off the Bulb for riveting knees to, and Horizontal Punch.

Patent Angle-Bar Planing Machine. Patent Edge and Butt-Plate Edge Planing Machine. Scriven's Vertical Plate Bending Machine, with Bend Plates to end without flat.

By H. M.  
Royal Letters Patent.

**NUSSEYS & LEACHMAN'S PATENT PRIZE MEDAL**

**Pressing and Tentering Machines.**



**MAKERS W. B. LEACHMAN & CO..**

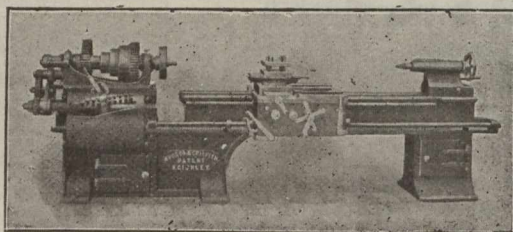
*EXCEL WORKS.*

Great Wilson Street.

LEEDS, ENGLAND.

**Hudson & Griffith,** FLEECE STREET,  
Keighley, Yorks, England.

**Do you want a Treadle Lathe?** Ours has more Improvements than any other.



Note that all our Lathes are fitted with: "Ball Trust," "Hollow Spindle," "Graduated Slide Rest," "Tailstock for Taper-Turning," "Highest-class Workmanship," "Best Material." Our Patent Treble Gearing stands alone; three times the power with less work. Write for Illustrations and be convinced.

Special Terms to Canadians under the New Tariff.

ADMIRALTY CONTRACTORS.

Tel. Address: "PUMPS," Leeds.

THE  
**LEEDS ENGINEERING & HYDRAULIC Co.,**

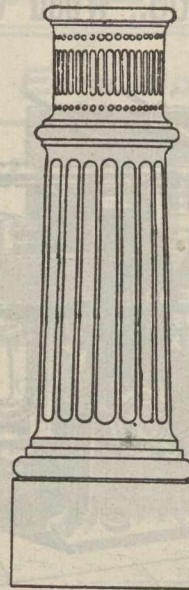
Manufacturers of

Hydraulic Machinery, Colliery Plant, Pumping Machinery,  
Cranes and Lifts.

ELECTRICALLY DRIVEN PLANT.

Providence Works, Cross Stamford St., LEEDS, Eng.

Special prices to Canadians under the new tariff.



**ROSS & WALPOLE**

Limited

Engineers,  
Millwrights,  
Boiler-Makers.

Electric Light and  
Tramway Pole Bases.

Iron and  
Brass Founders,  
NORTH WALL  
IRON WORKS,  
DUBLIN,  
IRELAND.

MANTELS,  
TILES,  
MOSAICS,

TRANSOM  
and PAVEMENT  
PRISMS.

**WEBSTER BROS. & PARKES,**

228 ST. JAMES ST.,

MONTREAL, Que.

"And these people don't know they are stealing! You might blow the whole glass full of warnings and instruction as to whom the bottle belonged, and what to do with it—and it wouldn't make any difference. It's just 'lawlessness,' as they say in my country—that's Vermont."

PEPPERMINT OIL.

Oil of peppermint, which is produced in large quantities at Kalamazoo, Mich., is made from mint grown in the southern part of the State. Campania farm, as the mint garden is known, was originally a fresh water swamp, probably a part of Lake Michigan, and that not many years ago. It contains 1,600 acres of highly fertile muck soil, so loose and shaky that the horses used in cultivating it wear

# BRICK MACHINERY

For Working all kinds of Clay.

The stiff or semi-plastic system of Brick-making for producing a dense plastic pressed brick ready for immediate removal to the kiln was invented by us 28 years ago, and it is most successfully working in nearly 11 parts of the world.

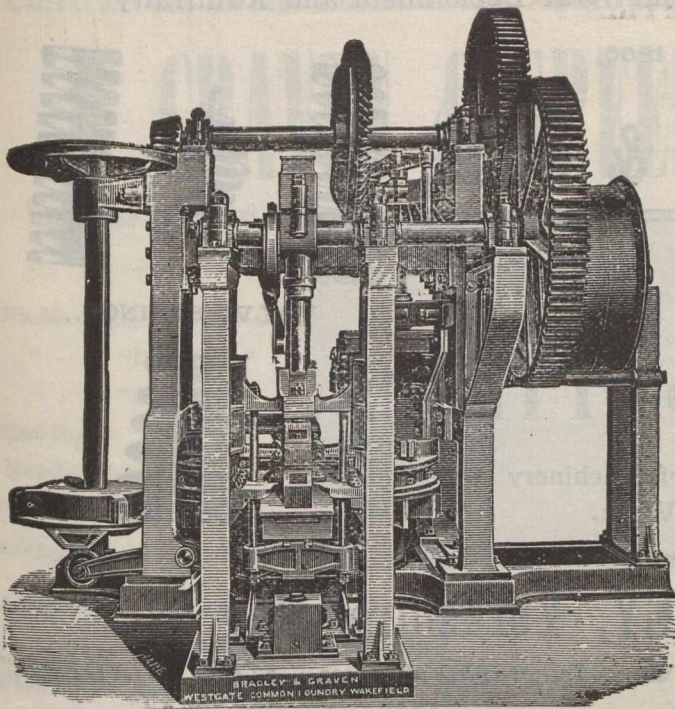
**Double the Strength of any other Machines in the Market.**

Brick plants for producing the best plastic-pressed facing bricks on the most economical system. Awarded Three Highest Medals at Adelaide Exhibition, and the ONLY Gold Medal for Brick Machinery at the Melbourne Exhibition, 1888-9.

**Bradley & Craven,**  
LIMITED

Westgate Common Foundry, WAKEFIELD, Eng.

Manufactured for the Canadian Market, under the new Preferential Tariff, 33% per cent. in favor of English Goods.



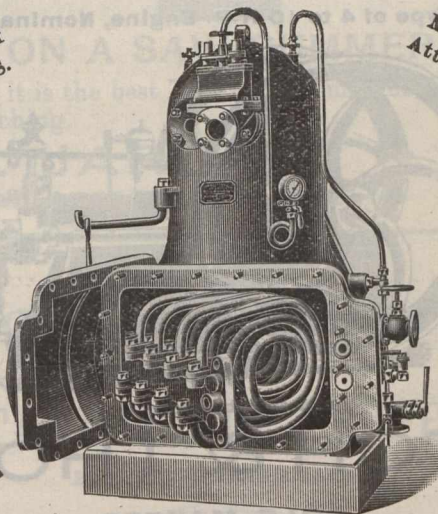
Craven's Patent Brick Moulding and Dressing Machines.

# Morison's Radial Evaporator

Fitted in upwards of 2,000 STEAMSHIPS.

Minimum of Labour and Attention required at sea.

General Handiness and Facilities for cleaning UNSURPASSED.



Strong in construction, Simple in design and Efficient in working.

**Richardsons, Westgarth & Co., Ltd.,**  
HARTLEPOOL, ENGLAND

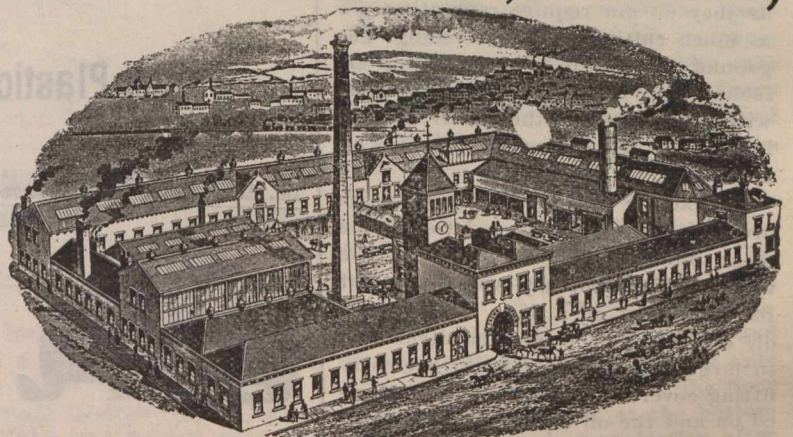
marsh shoes—broad pieces of board fastened to their hoofs to keep them from sinking. Here is said to be the biggest mint field in the world. About 100 men are employed during the summer. In a big barn on the farm 500 cattle are wintered every year on the hundreds of tons of mint hay which remains after the oil is extracted.

Mint propagates from roots similar to hops. The plant spreads by runners. It does this very rapidly and if it has free rein the entire ground is soon covered. Weedy soil is thus the bane of the crops and when the season has advanced so that cultivation is no longer practicable, the weeds are pulled by hand. With soil on which weeds run riot, such as is best for mint, the amount of hand labor required is large. Harvest comes and the mint is combed in one direction, and carded by means of a powerful two-horse rake. The mowers are then run in the opposite direction and in this way all the plant is cut off.

# A. Earnshaw & Sons, Ltd.,

MAKERS OF

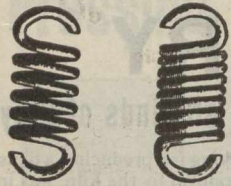
- Lathes up to 40 inch centres
- Railway Wheel Lathes
- Planing Machines
- Slotting Machines
- Drilling Machines
- Plate Bending Machines
- Plate Edge Planing Machines
- and Milling Machines



Crown Works, HALIFAX ENG.

Contractors to His Majesty's Government—War Department and Admiralty.

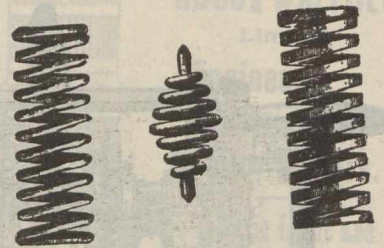
ESTABLISHED 1856.



VALVE SPRINGS.

# Joseph Steel & Sons,

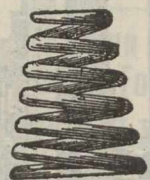
MAKERS OF



VALVE SPRINGS.



## Spiral Springs,

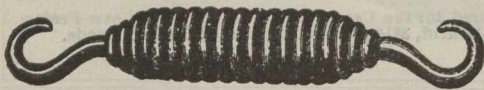


For all Classes of Machinery and Engineering Work.

Harden near BINGLEY, Yorkshire, Eng.

Special terms to Canadians under the new Preferential Tariff

Telegraphic Address, "STEEL, BINGLEY."



Telegraphic Address: "SPIRITS, DUNDEE."

The Highest Point of Perfection

**GEORGE MORTON LTD DUNDEE**  
SCOTLAND

WHOLESALE WHISKY 24 to 31 Dock St., and  
MERCHANTS Dis- 26 to 39 North Lindsay St.  
TILERS & BLENDERS.

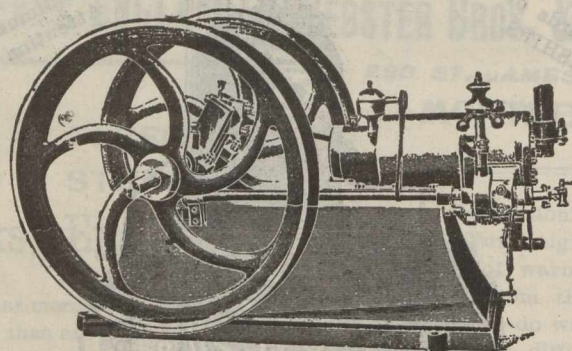
All communications should be addressed to Head Office, Dock St.

The best yield in quality of growth if not to the acre comes from the first year's planting, as the oil comes from the leaves and tender end of stems. But the second and third year crops are held ordinarily the most profitable as they do not require replanting nor as much cultivating and weeding. The ground is plowed to a depth of six inches each fall and the crop follows without resetting, the pains toward keeping up the richness of the soil all increasing.

To take the output of Campania farm are three large stills, said to be the most powerful of the kind in the world. The ordinary still turns out 160 pounds of oil a day. These handle over 160. The mint is pitched into large steam-tight vats with closely fitting covers. A jet of steam is turned on and the oil cells swell and burst. The oil is vaporized and carried out with the steam to a worm over which

## New Patent Gas Engine.

Type of 4 to 10 H.P. Engine, Nominal.



Ignition Tube and

## SPETCH & THOMAS,

SOLE MAKERS,

Paragon Engine Works, Longside Lane,  
BRADFORD, ENGLAND.

SPECIAL TERMS TO CANADIANS UNDER THE NEW TARIFF.

## ODIC COMPOSITIONS

MANUFACTURERS:

**Odic Plastic Composition Company, Ltd.**

33 Broad Chare,

Newcastle-on-Tyne, England.

Tel. Add.: "Odic," Newcastle-on-Tyne.



"ODIC COMPOSITION"

Non-Explosive, Non-Poisonous.

For Steel or Iron Decks, Holds, Bunkers, Tank Tops,  
Inside of Tanks, and all inside work.

"ODIC" PLASTIC CEMENT

Non-Poisonous.

For Steam Joints, Boller Seams, Etc.

AGENTS WANTED IN CANADA.

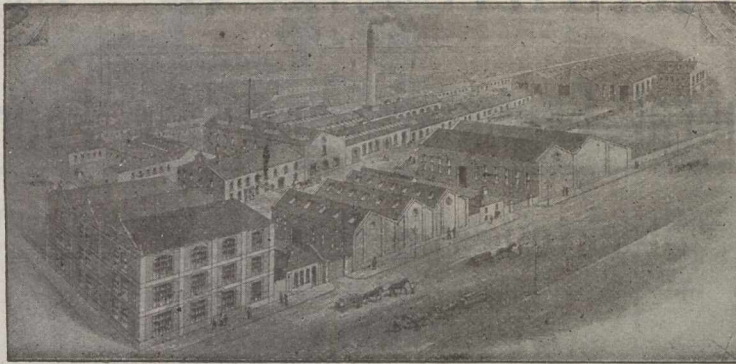
Contractors to the Lords of the Admiralty.

Telegraphic Address: "ROPES, SUNDERLAND."

# CRAVEN & SPEEDING BROTHERS.

Hemp Rope Department.

- Manila Rope, Staple Brand.
- " " "Red Star" "
- " " "Blue Star" "
- Sisal Rope.
- New Zealand Rope.
- Tarred Russian Hemp Rope
- Boltrope & Boltrope Cordage



Wire Rope Department.

- (COLLIERY SECTION.)
- Special "C" quality Extra Plough Steel Ropes.
- "D" quality Plough Steel Ropes.
- Special "A" quality Patent Improved Steel Wire Ropes.
- "B" quality Patent Improved Steel Wire Ropes.

Wire Rope Department.

- (SHIPPING SECTION.)
- Special Flexible Steel Wire Hawsers and Ropes.
- Extra Special Flexible Steel Wire Hawsers and Ropes.
- B.B. Galvani'd Wire Rigging

AGENCIES: London, Liverpool, Birmingham, Glasgow, Cardiff, Hull.

HEAD OFFICE:

**Sunderland, England.**

FOREIGN AGENCIES: Hamburg, Antwerp.

SPECIALITY:—Manila Binder Twine "RED STAR" Brand.

THIS LITTLE TRADE MARK



ON A SAW GUMMER

Is a guarantee that it is the best Tool on the market for Gumming Saws and Light Punching.

**A. B. JARDINE & CO.,**  
HESPELER, ONT.

## "Robisco" White Metal,

(REGISTERED.)

### THE STANDARD OF PERFECTION.

REGISTERED TRADE MARK.

FOR  
MARINE,  
RAILWAY,  
TRAMWAY,  
MINING,



ROLLING MILLS,  
DYNAMOS  
And  
GENERAL  
MACHINERY  
BEARINGS.

PRICES ON APPLICATION.

...SOLE PROPRIETORS

**Robert Bowran & Co.,** 3 St. Nicholas' Buildings,  
Newcastle-upon-Tyne, - England.

refined by secret processes, which have made possible the organization of the industry on so large a scale (100,000 pounds of the refined oil worth \$150,000, was shipped last year all over the world—half of it to England and Europe). The Michigan oil received the gold medal at both the Paris and Buffalo expositions.

SKY-SCRAPERS TO DATE.

The statement of Insurance Engineering that with the possible exception of a battleship, no product of engineering skill is so remarkable as the up-to-date sky-scraper will probably stand unchallenged. The modern office building has undergone a rapid development and improvement, and each large city boasts of some structure of a special merit, but the new solid granite 21storey Frick building in Pittsburg probably ranks with the foremost. Money has been lavishly expended in providing a building that would represent absolutely the most approved fireproof construction. All the steel was made under special specifications, one of the requirements being that it have an elastic limit of not less than one-half its ultimate strength. Floors, roofs, ceiling, partitions, backing of walls, furring of all rooms—that is, the top, bottom and sides—are protected with hollow tile. Every room from a point near the floor level is provided with a ventilator, the exhaust being handled by two large fans driven by electric motors. In the elevators every safety appliance known to the art has been provided. One feature is an arrangement by which the doors of the elevators and the doors at each story are opened and closed simultaneously, operating only when the car has stopped at the floor level. An air cushion at the bottom of the shaft is a last protection after everything else fails.

cold water is running. Steam and oil vapors are both condensed, but in the tanks into which the liquid oil runs the oil rises and is easily drawn off into storage cans containing from 20 to 37 pounds. In the main ware-

house is a tank holding 7,000 pounds provided as a safeguard against fire. From the farms the oil is shipped to the big Todd laboratories in Kalamazoo, in which the largest part of the mint oil produced in the State is

Telegrams:—"TEESDALE, STOCKTON-ON-TEES, Eng."  
Telegrams:—"TEESDALE, LONDON, Eng."

London Office:  
5 VICTORIA STREET WESTMINSTER.

# HEAD, WRIGHTSON & COMPANY.

(LIMITED)

**General Engineers and Iron Founders,**

**Stockton and Thornaby on Tees, England.**

## SPECIALITIES.

**Colliery Plant & Mining Machinery,  
Blast Furnace and Steel Works Plant,  
Bridges, Piers, Roofs.**

**COLUMNS, STANCHIONS, GIRDERS, TANKS,—  
Cast Iron or Rivetted. Wrought Iron & Steel.**

**Railway Chairs and Sleepers. Bridge Cylinders, Well Cylinders.  
Tunnel Segments, Shaft Tubbing.**

**Constructional Iron and Steel Work of every description.**

**Castings of any weight. Iron and Steel Forgings of all kinds.**

**ORIGINAL MAKERS AND PATENTEES**

**"Moore & Head's" Hand Hoists. "Moore's" Patent Pulley Blocks. "Teesdale" Patent Pulley Blocks**

### ELECTRICAL STOVE-WINDOW HEATER.

It is a well known fact that many big plate glasses in the show windows of stores get burnt out on account of heavy frost and ice during the winter months. The General Electric Company, of Berlin, has introduced this year an electrical window heater, by means of which an average temperature is kept up, thus preventing the glass from getting too cold. The apparatus seems to meet with great favour in Germany. It is made in many sizes, so as to fit all windows, and the amount of electrical energy used is said to be 300 watts per meter. By means of a switch-board the electric current can easily be turned on or off.

### A BIPARTITE FLOWER POT.

Mr. Hugo Lonitz, of Neuahaldensleben, Germany, claims that his new flower pot, which is made of two separate parts is the best flower pot now in the market. The inventor, who is a well known florist, says that on account of the air being able to circulate around the earth in the inner pot the plant develops not only much better than in an ordinary pot but also grows quicker and larger, and keeps better. The pots are both made of clay, and the outer pot has several nose-shaped holes through which air is admitted into similar holes of the inner pot. The latter can be turned in such a way that its holes are closed by the outer pot.

### A NEW FLAT IRON.

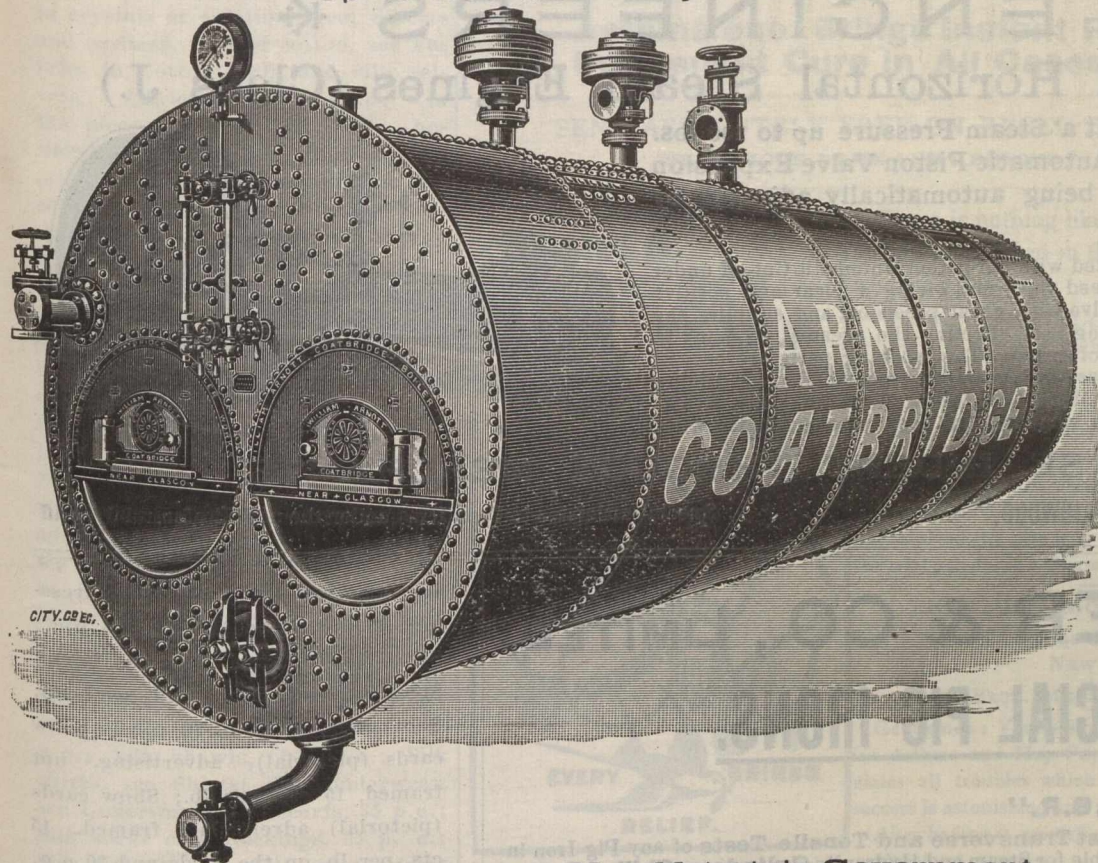
A German manufacturer has just brought upon the market a new flat-iron, heated by alcohol. The burner is to be pulled out of the iron and to be placed upon the heating grate. The receptacle is then to be filled with alcohol, as is the little tub. The alcohol in the tub is lighted, and the heating bar soon becomes hot, whereupon gases develop and escape through the holes of the heating bar. As soon as the alcohol in the tub is burnt out the burner is placed back in the iron, where it is firmly kept by a spring arrangement. Heated in this way, the iron can be used for about 15 minutes, before receptacle and tub have to be filled again with alcohol.

ESTABLISHED 1870.

Telegraphic Address: A.B.C. Code, "BOILERS, COATBRIDGE."

# HIGH-CLASS LANGASHIRE & CORNISH ... BOILERS

Up to 200 lbs. Daily Working Pressure.



Drilling,  
Flanging,  
Welding  
AND  
Rivetting

By most Modern Machinery.

Always a number of

High-class  
**BOILERS**

IN  
STOCK

OR IN  
PROGRESS.

Productive Capacity —  
Three Boilers per week.  
Crane Powers—80 Tons.

Contractors to Her Majesty's Government.

**WILLIAM ARNOTT & CO.** Coatbridge  
COATBRIDGE, near GLASGOW, Scotland. Boiler Works,

## NOVELTY IN LOCOMOTIVE BUILDING.

What appears to be a locomotive built wrong end front has been recently put on the tracks of the North Pacific Coast Railroad of California. The cab in on the front end, and the reason for this innovation is that the engine is an oil burner, and these radical changes are thought to be advisable under the circumstances. The engine is the joint design of J. B. Stetson, the president of the company, and W. J. Thomas, the master mechanic.

The German champagne production is steadily increasing; it amounted last year to 11,000,000 bottles, representing a value of 27,000,000 marks. Large quantities of German champagne are now being exported to almost all parts of the world.

The production of aluminum in the world, which amounted to 71 tons in 1889, reached 7,570 tons last year. More than half of this quantity is produced in the United States.

## CANADIAN CUSTOMS TARIFF.

The initials N. E. S. represent and have the meaning of the words "not elsewhere specified."

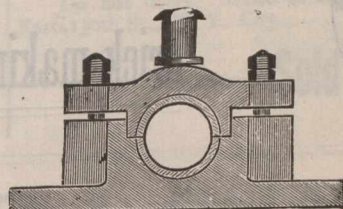
The initials N. O. P. represent and have the meaning of the words "not otherwise provided for." (Continued from Page 995.) Shoe nails, brass, 30 p.c.; Shoe tacks and shoe nails, iron or steel, see

# Patent Mica Grease

SAVES 80 TO 90 PER CENT.  
OVER COST OF OIL

Used on all kinds of Machinery and specially adapted for India and hot climates.

TRADE MARK.  
PATENT MICA GREASE



PATENT MICA PACKING  
REGISTERED.

Patent Mica-Gotton Packing.  
Patent Mica-Asbestos Packing.  
Patent Mica-Flax Packing.  
Patent Mica-India-Rubber Packing.

Will stand any degree of Heat and are Self-Lubricating. The advantages of these Packings over ordinary Packings are: They do not harden in the Glands. They are more durable. They do not Score the Rods, but put a Mica Surface on them similar in appearance to Electro Plate. They are 25 per cent. lighter than ordinary Packings. All kinds of other Packings, I. K. Valves, &c., in stock and made to order.

"MICA" BELTING SYRUP.

The Harbinger Patent Elastic Metallic Packing

Is Absolutely the Best and Cheapest.

Sole Proprietors and Manufacturers

The Mica Lubricating Company,

(Registered.)

63 King Street, SOUTH SHIELDS, England,

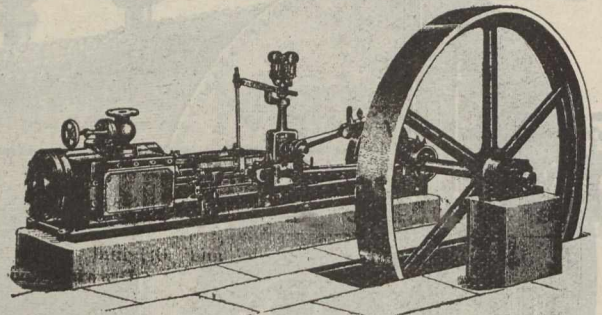
# T. & R. LEES, Hollinwood, Nr. Manchester' ENGLAND.

## ENGINEERS

### Improved Horizontal Steam Engines (Class J.)

Constructed to work at a Steam Pressure up to 100 lbs. Fitted with Patent Automatic Piston Valve Expansion Gear; the Cut-off being automatically adjusted by Governor.

These Engines are all fitted with our patent automatic Cut-off under control of our patent high-speed Governor, giving a clear and positive cut-off. It regulates the Valve with great precision, and supplies the steam according to the varying load, effecting the greatest economy in steam, and great uniformity of speed. The working parts are easy of access throughout. This Apparatus is strongly recommended for driving Electrical Installations, Saw Mills, Corn Mills, Weaving Mills, Brick-works, and other trades where varying loads have to be contended with.



PLEASE INDENT THROUGH MERCHANTS.

Telegrams : "LEES, HOLLINWOOD."

Special estimates to Canadians under the new Preferential Tariff

## WARNER & CO., LIMITED,

Makers of... **SPECIAL PIG IRONS.**

### Brand "WARNER C.B.R."

Gives the Highest Transverse and Tensile Tests of any Pig Iron in the market. Suitable for Steam and Hydraulic Cylinders, Chilled Rolls, and all High Class Engineering Castings, also for Best Puddled Bars.

### Brands "H.W." "O.K." "C.P."

For Malleable Castings The brand "C.P." is the Purest English Pig Iron for Malleable Castings in the market. These three brands are all cast in Small Pigs.

### Brand "ANGLO-SWEDISH C.P." (in slabs)

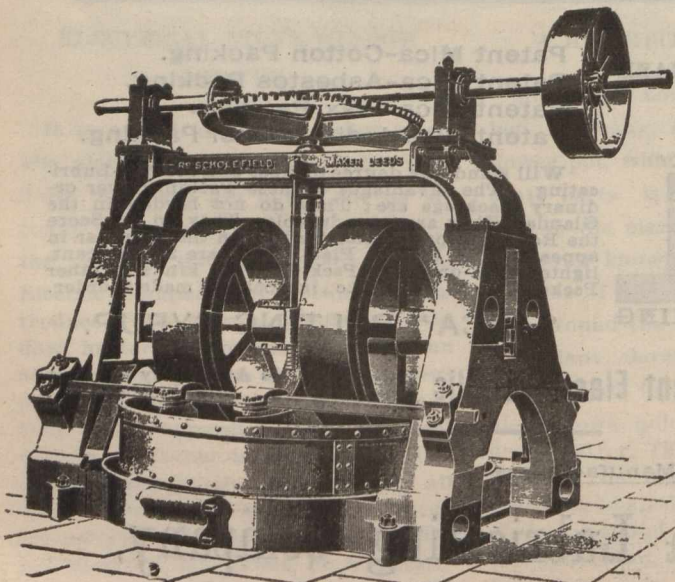
This is one of the Purest Irons in the market, and is suitable for mixing with other Irons to improve quality of Castings. It is also suitable for Steel Making.

PIG IRON MADE TO ANY ANALYSIS.

Cargo Fleet, Middlesbrough-on-Tees, - England.

item Tacks; Shoe knives, 30 p. c.; Shoe and Leather Review—publica-  
Shoe linings, cotton, see Cotton; tion, 15 cents per lb.; Shoe laces, of

any material, 30 p. c.; Shoe dress-  
ing, 25 p. c.; Shoe shanks, 25 p. c.;  
Shoe shanks, steel for, see Corset  
Steel in Steel; Shot, lead, see Lead;  
Shot guns, N.E.S., 30 p. c.; Show  
cards (pictorial), advertising, not  
framed, 15 cts. per lb.; Show cards  
(pictorial) advertising, framed, 15  
cts. per lb. on the cards and 30 p. c.  
on the frames; Show or business  
cards, lithographed, etc., being for  
business or advertisement, 15 cents  
per lb.; Show cards, other, N.E.S.,  
35 p. c.; Shovels, iron or steel, see  
item Spades, 35 p. c.; Shovels, iron  
stove shovels, 30 p. c.; Shovels, snow  
shovels, made of wood, 25 p. c.;  
Shovel handles, all wood, see Han-  
dles; Showcases of all kinds, and  
metal parts thereof, 35 p. c.; Shrubs,  
ornamental and shade tree, 20 p. c.;  
Shuttles, part of sewing machine, 30  
p. c.; Shuttles, finished, part of  
loom, 25 p. c.; Side lights, 30 p. c.;  
Sickles, or reaping hooks, 25 p. c.;  
Siennas, raw, 20 p. c.; Siennas, burnt,  
25 p. c.; Signs of glass, when paint-  
ed on mirrors, 35 p. c.; Signs of pa-



8-ft. and 9-ft. Perforated Grinding Pans. (No. 46.)

Established 1868.

Telegraphic Address : "Brick, Leeds."

## Brick-making & Grinding Machinery

Manufactured  
by . . . . .

# Richard Scholefield,

ENGINEER . . . . .

Burley Vale Mills

Kirkstall Road, LEEDS, Eng.



per, advertising, 35 p. c.; Signs of any material, N.E.S., framed or not, and letters of any material for signs or similar use, 30 p.c.; Silex or crystallized quartz, free; Silicate of soda in crystals or solution, free; Silicias and casbans, printed cotton, see Fabrics in Cotton; Silk and silk velvets, fabrics and satins, in the piece, 30 p. c.; Silk hosiery, N.E.S., 35 p.c.; Silk lace, 35 p.c.; Silk, raw, or as reeled from the cocoon, not being doubled, twisted or advanced in manufacture in any way, silk cocoons and silk waste, free; Silk twist, sewing silk and embroidery silk, 25 p.c.; Silk umbrellas, and parasols, 35 p.c.; Silk ribbons, 35 p.c.; Silk clothing, see Clothing; Silk, fancy articles made of, see Fancy Cases, 35 p.c.; Silk gloves, 35 p.c.; Silk handkerchives, 35 p. c.; Silk, oiled, see item Oiled Silk, &c.; Silk, in the gum or spun, not more advanced than singles, tram, and thrown organzine, not colored, 15 p. c.; Silk, in the gum or spun, when imported by manufacturers of silk underwear to be used for such manufacture in their own factories, free; Silk plush for hatters' use, free; Silk plush, in the piece, N.E.S., 30 p.c.; Silk shawls, 30 p.c.; Silk shirts, see Shirts; Silk underwear, see Underwear; Silk scarfs, 35 p.c.; Silk socks and stockings, 35 p. c.; Silk ties, 35 p.c.; Silk waste, free; Silk fabrics, or fabrics, of which silk is the component of chief value, that is to say, in the piece, 30 p.c.; Silk, all fabrics of which silk is the component part of chief value that are further advanced in manufacture than in the piece, N.E.S., 35 p.c.; Silver key rings, 30 p.c.; Silver coin (United States), 30 p.c.; Silver and gold coins, except United States silver coin, free; Silver medals, see Medals; Silverware, sterling and other silverware, N.E.S., 30 p.c.; Silverware, cases for, see Cases; Silver leaf, 25 p. c.; Silver plated knives and cutlery, see Knives and Cutlery; Silver-plated ware, N.E.S., 30 p. c.; Silver, nickel and German, in ingots, blocks, bars, strips, sheets, or plates unmanufactured, free; Silver, Nevada, German and nickel, silver, manufactures of, not plated, 25 p.c.; if plated, 30 p.c.; Silver, strings, for musical instruments, 30 p.c.; Silver manufactures classed as jewellery, 30 p.c.; Silver wire, 20 p.c.; Silver manufactures, other, N.E.S., 30 p.c.; Silvered glass, see Silvered Glass

# Asthma Cure Free!

**Asthmalene Brings Instant Relief and Permanent Cure in All Cases . . .**

**SENT ABSOLUTELY FREE ON RECEIPT OF POSTAL.  
WRITE YOUR NAME AND ADDRESS PLAINLY.**



There is nothing like Asthmalene. It brings instant relief, even in the worst cases. It cures when all else fails.

The Rev. C.F. WELLS, of Villa Ridge, Ill., says: "Your trial bottle of Asthmalene received in good condition. I cannot tell you how thankful I feel for the good derived from it. I was a slave, chained with putrid sore throat and Asthma for ten years. I despaired of ever being cured. I saw your advertisement for the cure of this dreadful and tormenting disease, Asthma, and thought you had overspoken yourselves, but resolved to give it a trial. To my astonishment, the trial acted like a charm. Send me a full-size bottle."

**Rev. Dr. Morris Wechsler,**  
Rabbi of the Cong. Bnai Israel.  
NEW YORK, Jan. 3, 1901.

DRS TAFT BROS' MEDICINE CO.,  
Gentlemen: Your Asthmalene is an excellent remedy for Asthma and Hay Fever, and its composition alleviates all troubles which combine with Asthma. Its success is astonishing and wonderful.

After having it carefully analyzed, we can state that  
Very truly yours,  
**REV. DR. MORRIS WECHSLER.**

AVON SPRINGS, N. Y., Feb. 1, 1901.

DR. TAFT BROS. MEDICINE CO.

Gentlemen: I write this testimonial from a sense of duty, having tested the wonderful effect of your Asthmalene, for the cure of Asthma. My wife has been afflicted with spasmodic asthma for the past 12 years. Having exhausted my own skill as well as many others, I chanced to see your sign upon your windows on 130th street, New York, I at once obtained a bottle of Asthmalene. My wife commenced taking it about the first of November. I very soon noticed a radical improvement. After using one bottle her Asthma has disappeared and she is entirely free from all symptoms. I feel that I can consistently recommend the medicine to all who are afflicted with this distressing disease.

Yours respectfully,  
**O. D. PHELPS, M.D.**  
Feb. 5, 1901.

DR. TAFT BROS. MEDICINE CO.

Gentlemen: I was troubled with Asthma for 22 years. I have tried numerous remedies, but they have all failed. I ran across your advertisement and started with a trial bottle. I found relief at once. I have since purchased your full-size bottle, and I am ever grateful. I have family of four children, and for six years was unable to work. I am now in the best of health and am doing business every day. This testimony you can make such use of as you see fit.

Home address, 235 Rivington street.

**S. RAPHAEL,**  
67 East 129th st., New York City.

**TRIAL BOTTLE SENT ABSOLUTELY FREE ON RECEIPT OF POSTAL.**

Do not delay. Write at once, addressing DR. TAFT BROS.' MEDICINE CO., 79 East 130th St., N. Y. City.

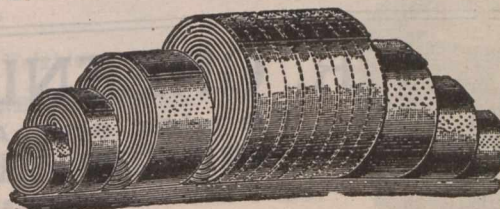
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**Leather Belting,  
Laces, Picking Bands,  
Combing Leathers, &c.**



Telephone No. - 0980, Halifax.

**Cotton, Hair  
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Special prices to Canadians under the new Canadian tariff.

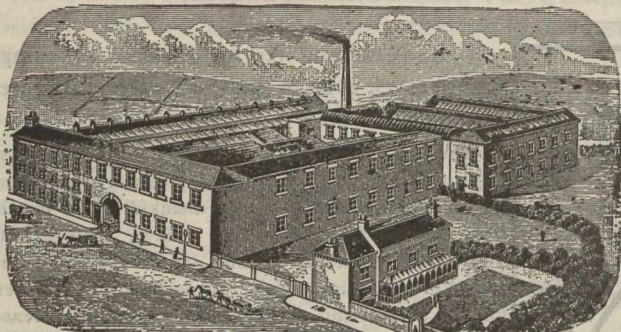
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ESTABLISHED 1865

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(And at Garfield Mills).

BATLEY, ENGLAND.



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Patentees and Sole Makers of the  
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## Flocks and Wools,

Large Stocks of all Descriptions of

## Drummed Wools & Ruggings

Manufacturers of  
all kinds of . . .

FOR COLLAR MAKERS  
AND BROWN SADDLERS.

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FOR  
HOME AND EXPORT

Kersey, Rugging, Tiltings, India and Check Serge. Prince's Check, Linen,  
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BEST MAKE.

SUPERIOR CUT.

LOWEST PRICES.

Waterproof Gig Aprons, Box Cloths, Macintoshes and Oil Cloth Loin Covers. Body Rollers, Surcingles, Knee Caps, Fetlock Boots, Speedy Cut Boots, Saddle Girths, Body Belts, Athletic Belts and Braces. Webs of every description, Collar Checks, Linings, Serges and Collar Cloths. Heads and Reins, Martingales, Breastplates, Driving Reins, Cruppers and Stirrup Leathers made on the premises, for Home Trade and Export.

NONE BUT THE TRADE SUPPLIED.

PRICES ON APPLICATION.

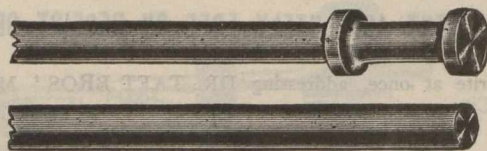
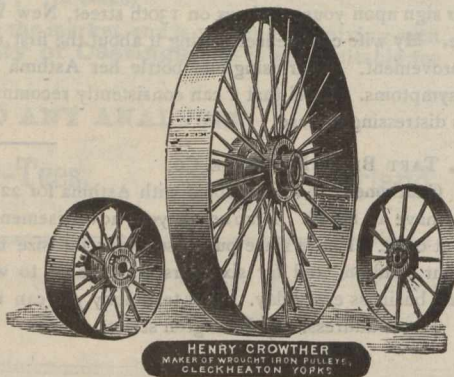
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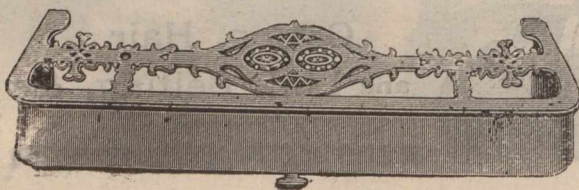


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Rolling Mills,  
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YORKS, ENGLAND.

Special Terms to Canadians under the New Tariff.

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Fender and Ashpan Makers,  
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And BARDSLEY HOUSE, 189 Holloway Rd., LONDON, N. Eng.

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(To be Continued.)

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Keighley, Yorks,

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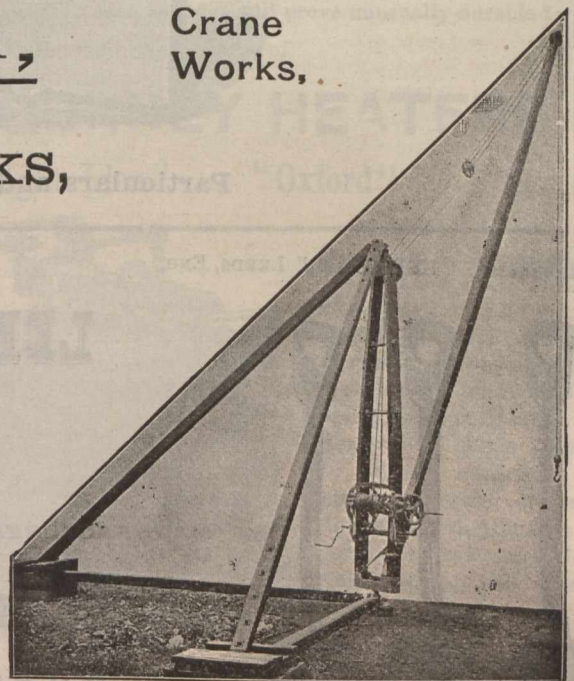
SPECIALITIES

Stone Saw Frames  
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Crane  
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DERRICK CRANE.

Considerably over 3,000 Cranes at work.

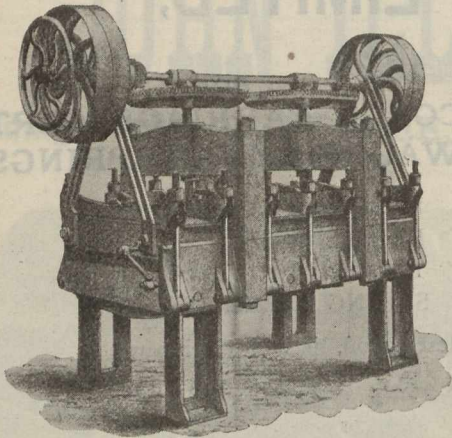
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Sole Maker of JOHN HEALD'S Patented  
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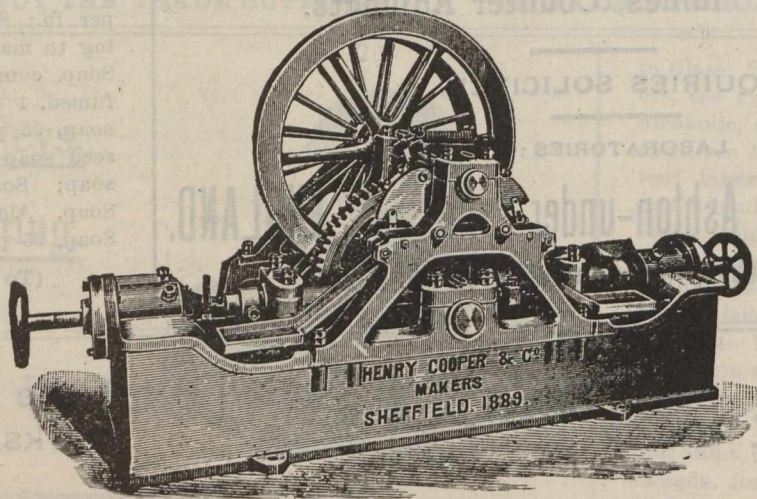
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Makers of . . .

**Rivet Making  
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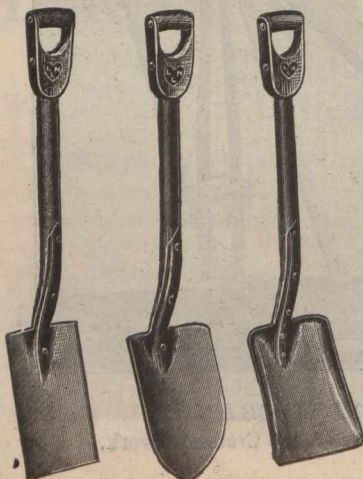
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MANUFACTURERS  
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**Spades, Shovels, Hammers,  
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GOLD MEDAL AWARDED 1886

**DIAMINE**

Sold in bottles, all sizes, and per gallon. Also Coloured Inks, Endorsing Inks, Copying Inks, Stylographic Inks, Ruling Inks, Marking Inks, Special Inks.

**SPECIALITY—Concentrated Dry Inks** in 1 and 2 gallon tins.

LEVANT, GRAIN, AND ALL INKS FOR LEATHER.

LIQUID GUM AND OFFICE PASTE.

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**WIRE OF ALL DESCRIPTIONS.**

**SPECIALTIES:**—Wire for Rivets, Springs, Jacquard and all classes of Machine Work. Tinned Mattress Wire and Weaving Wire, Brass Pinion and other sectional Wire.

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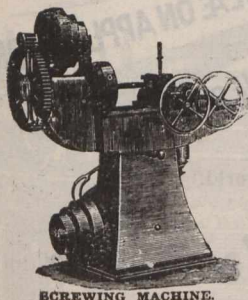
**WILLIAM HEAP & Co., LTD,**

Oldham Road Engineers' Tool Works,

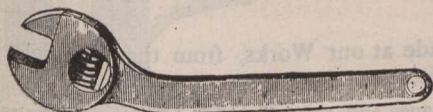
**ASHTON-UNDER-LYNE, ENGLAND.**

Engineers' and General Tool Makers.

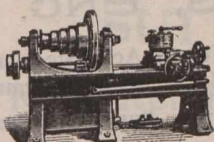
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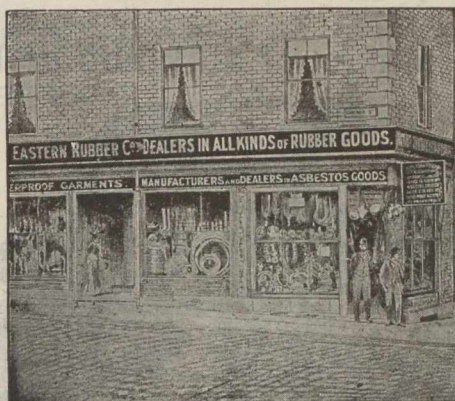
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Makers of the Celebrated "Seven Stars" and "Ripe and Dart" Razors, in great variety, with either Flat or Hollow-Ground Blades. Made from Highly Refined Steel.

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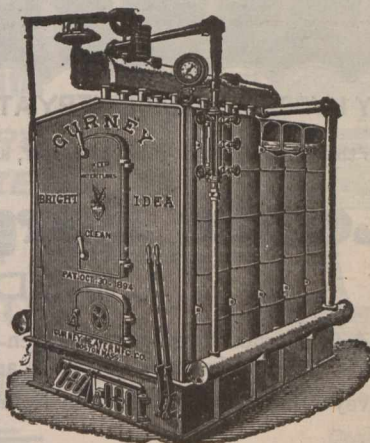
Isn't it reasonable to assume that a casting which is strong and of even thickness throughout, and has no weak spots, will wear longer than other kinds?

And isn't it equally reasonable to assume that a Heater made throughout of such castings will prove unusually durable?

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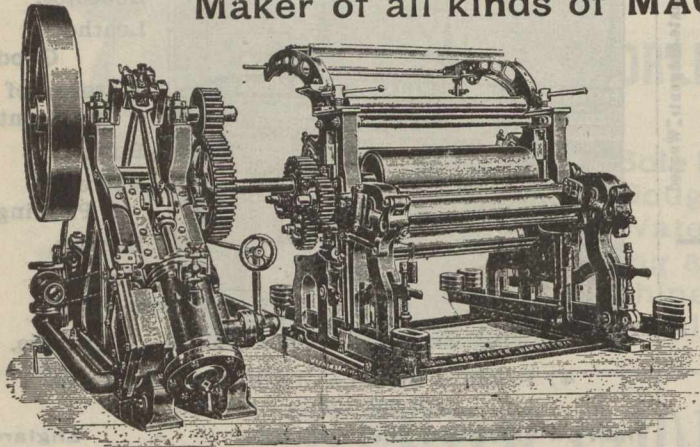
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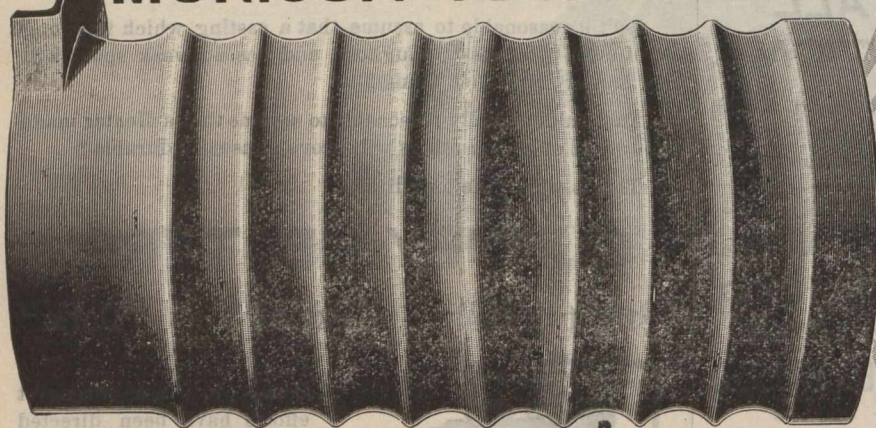
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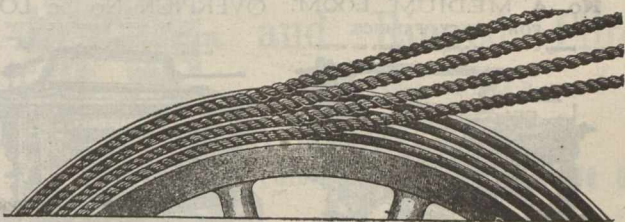
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P.O. Box 5291,

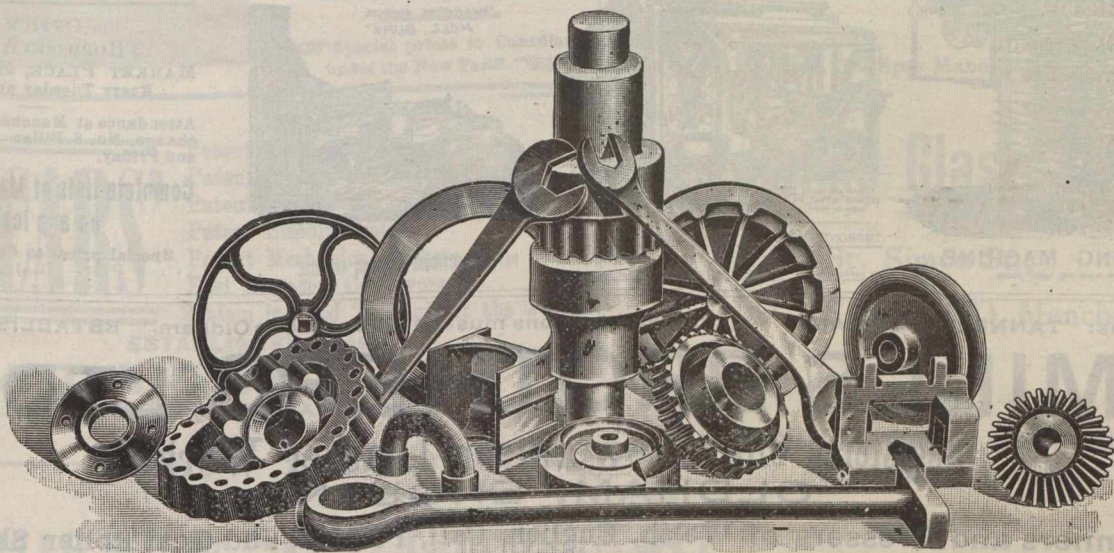
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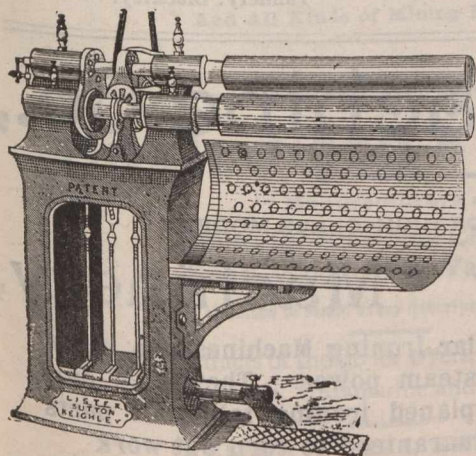
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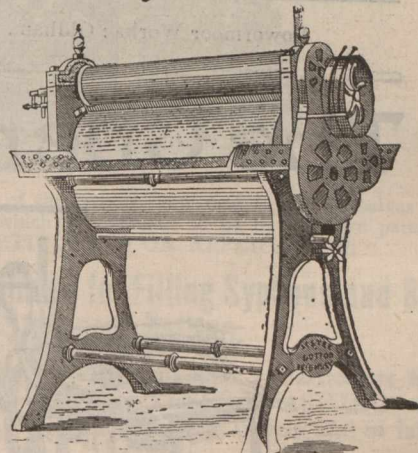
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ENGINEERS,  
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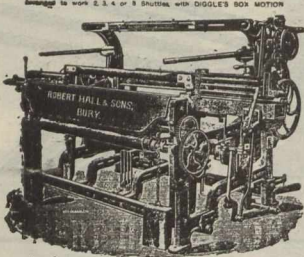
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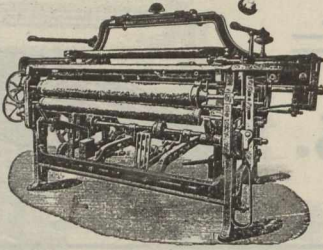
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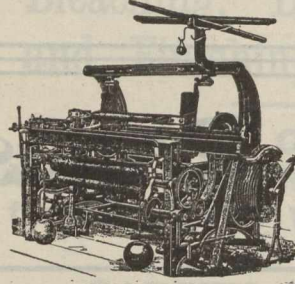
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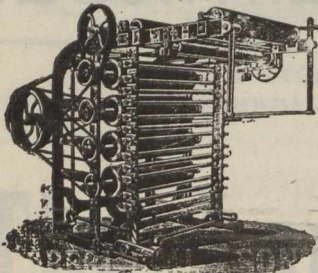
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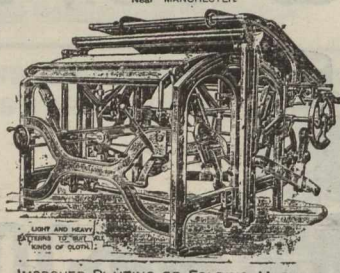
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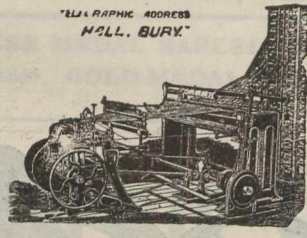
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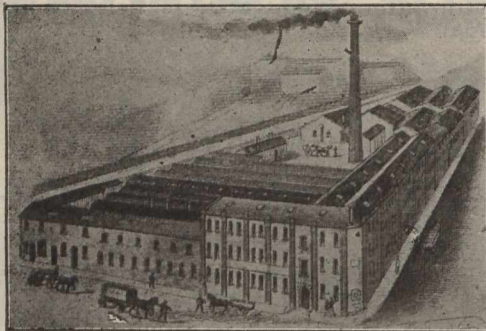
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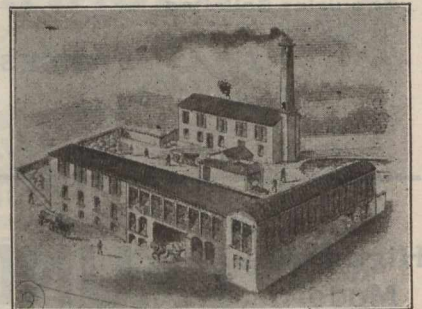
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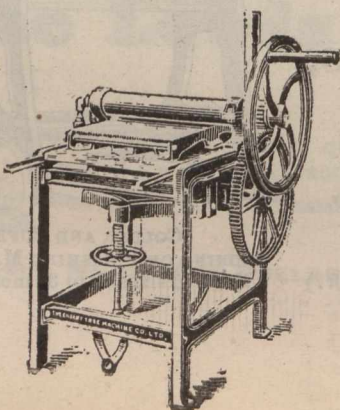
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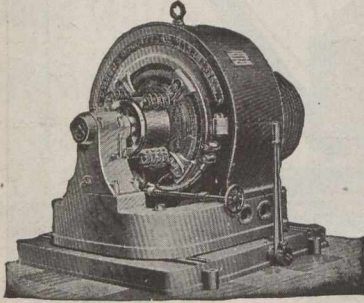
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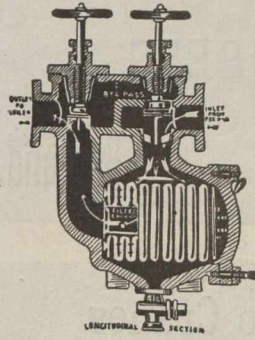
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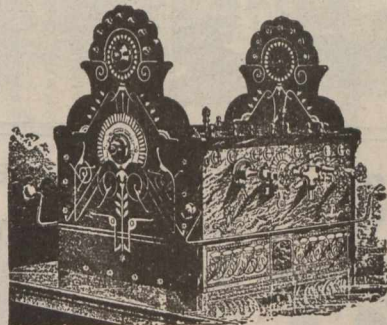
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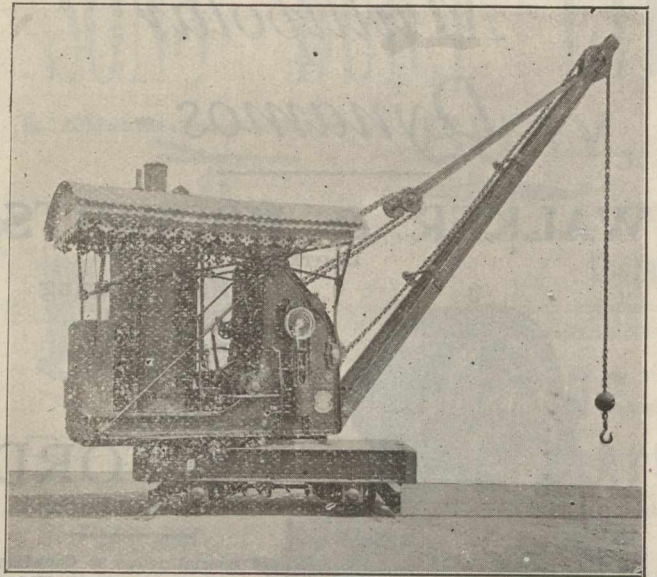
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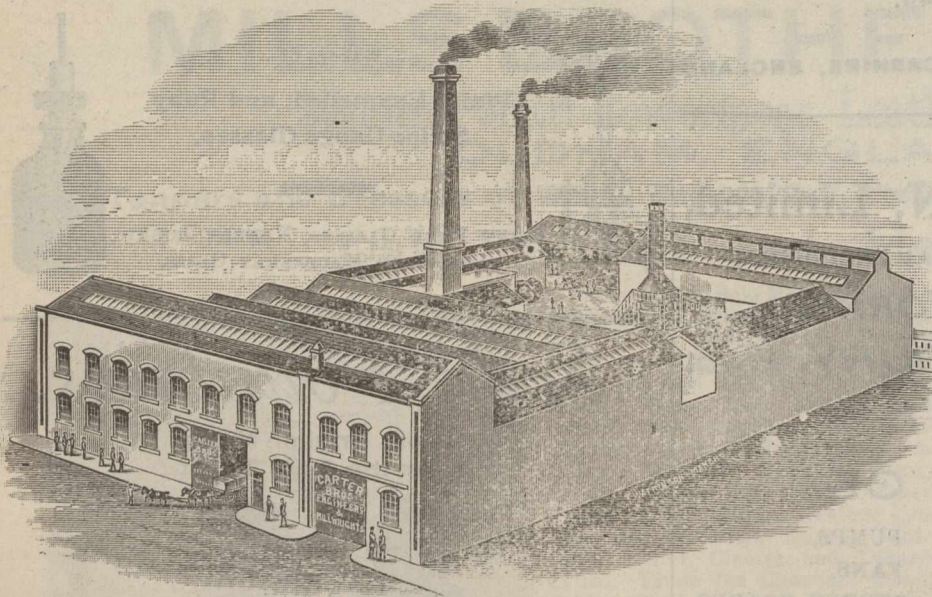
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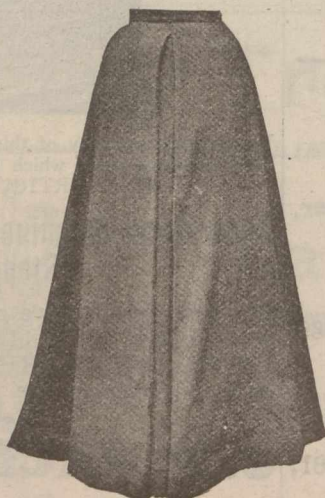


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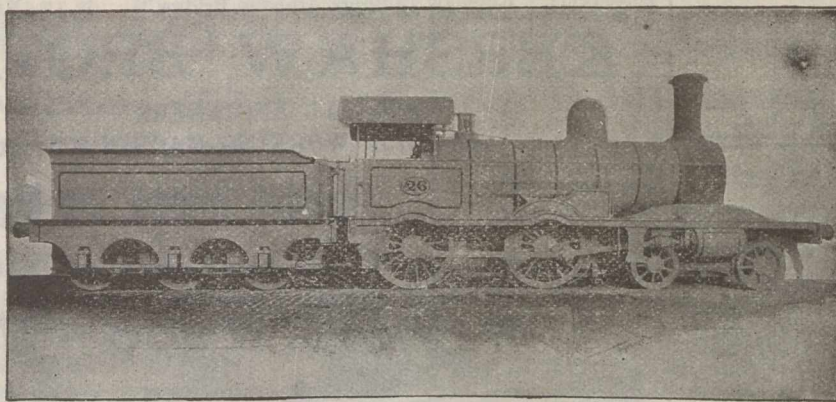
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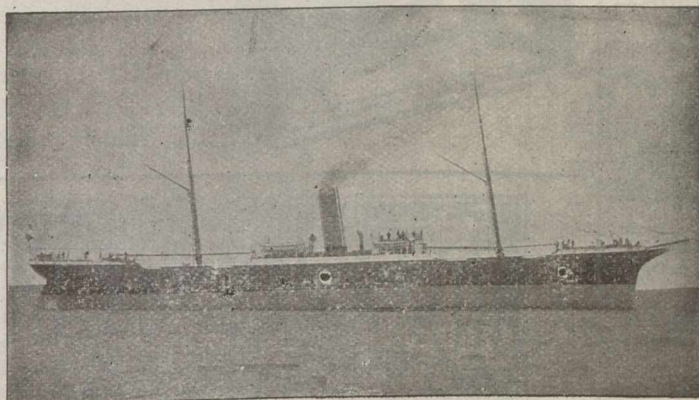
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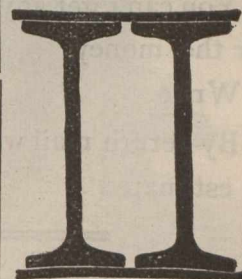
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	G 2	18	x 7	75	7	x 3 1/2	18	7	x 3 1/2
	G 3	16	x 6	62	6 1/4	x 3 1/2	16	6 1/4	x 3 1/2
	G 3A	16	x 5	50	6	x 5	25	6	x 5
	G 4	15	x 6	59	6	x 4 1/2	21	6	x 4 1/2
	G 5	15	x 5	41	6	x 3	16	6	x 3
	G 6	14	x 6	57	6	x 2	13	6	x 2
	G 6A	14	x 5	46	5 1/2	x 2	12	5 1/2	x 2
	G 6B	13	x 5	41	5 1/4	x 1 1/2	11	5 1/4	x 1 1/2
	G 7	12	x 6	54	5 1/4	x 5	9	5 1/4	x 5
	G 7A	12	x 5	32	5	x 4 1/2	14	5	x 4 1/2
	G 7B	12	x 6	44	5	x 3	22	5	x 3
	G 8	12	x 8	39	5	x 4 3/16	19	5	x 4 3/16
	G 9	10	x 5	79	5	x 3	15	5	x 3
	G 10	10	x 6	45	5	x 3	11	5	x 3
	G 10A	10	x 5	35	4 3/4	x 1 3/4	13	4 3/4	x 1 3/4
	G 10B	10	x 4 1/2	29	4 3/4	x 3	14	4 3/4	x 3
	G 11	10	x 5	30	4	x 3	13	4	x 3
	G 11B	9 1/4	x 3 3/4	21 1/2	4	x 3	9 1/2	4	x 3
	G 12	9	x 7	58	4	x 3	8	4	x 3
	G 13	9	x 3 1/2	20	4	x 1 3/4	5	4	x 1 3/4
	G 14	8	x 6	35	4	x 3	10	4	x 3
	G 15	8	x 5	30	3 1/2	x 1 1/2	6	3 1/2	x 1 1/2
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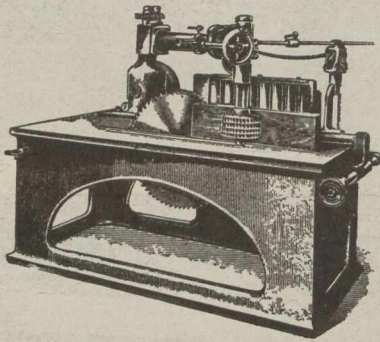
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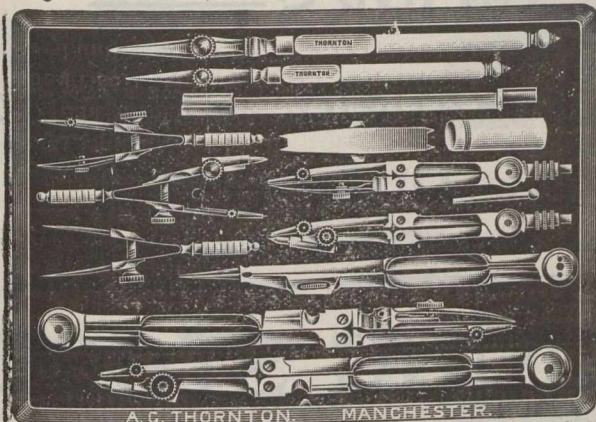
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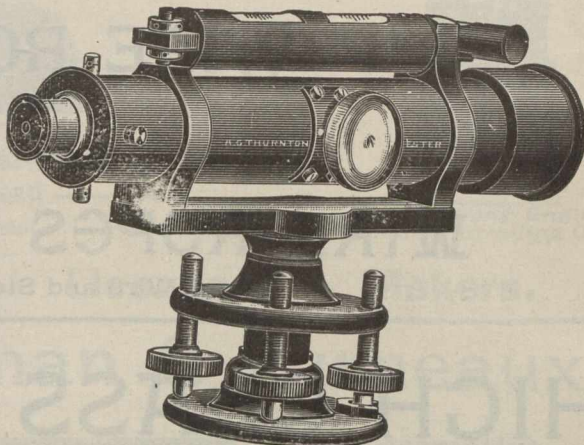
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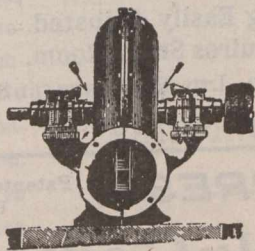
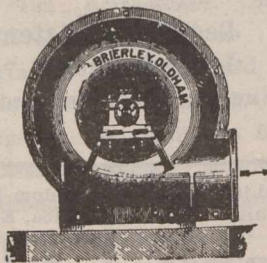
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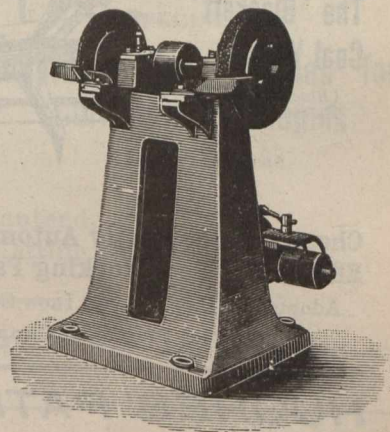
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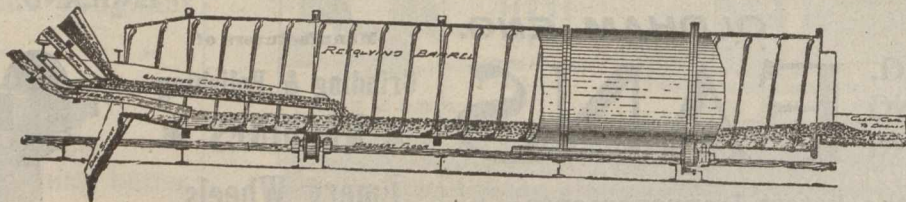
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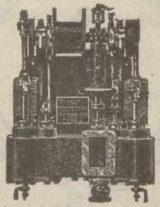
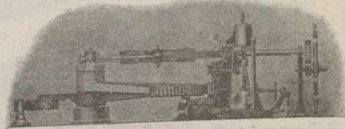
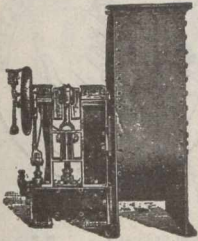
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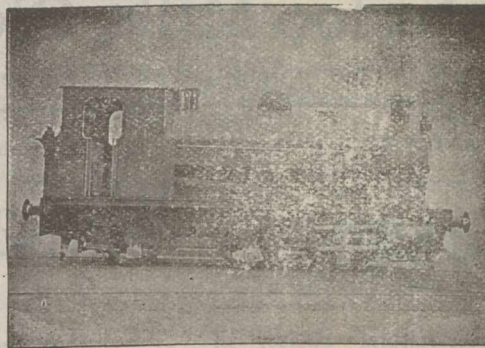
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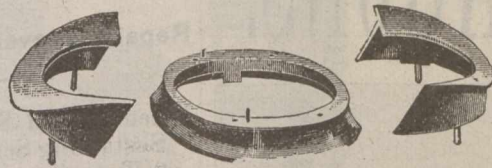
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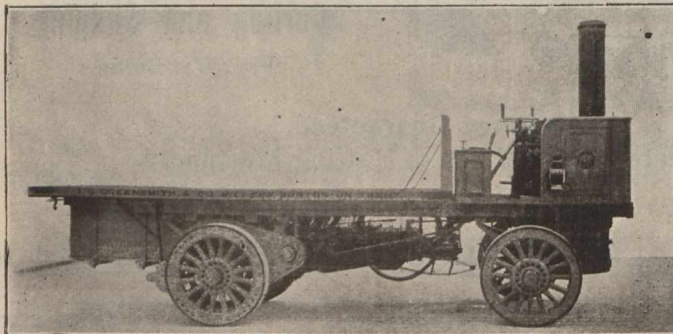
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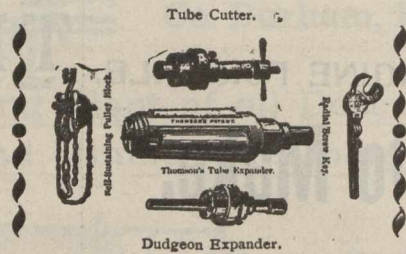
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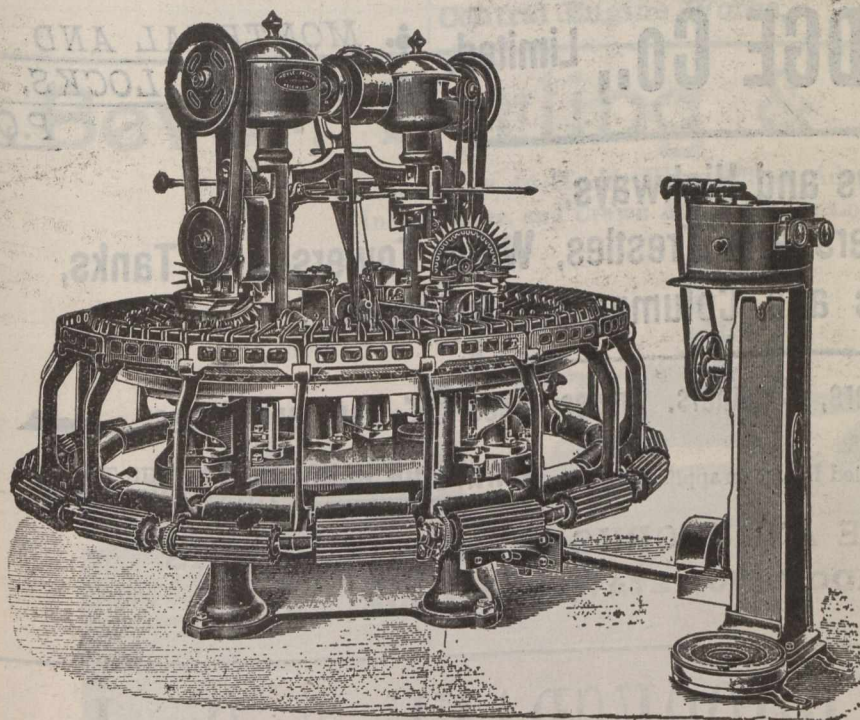
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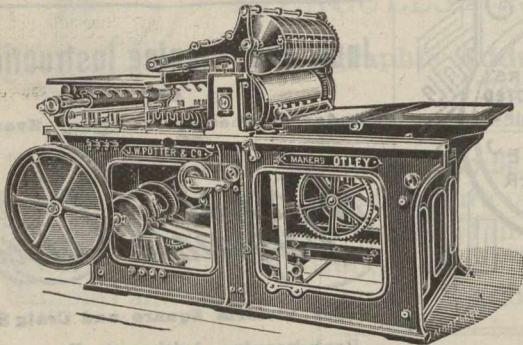
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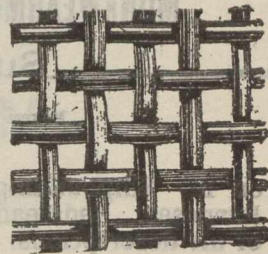
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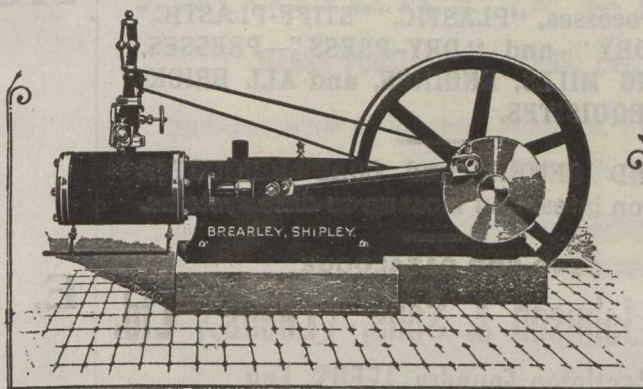
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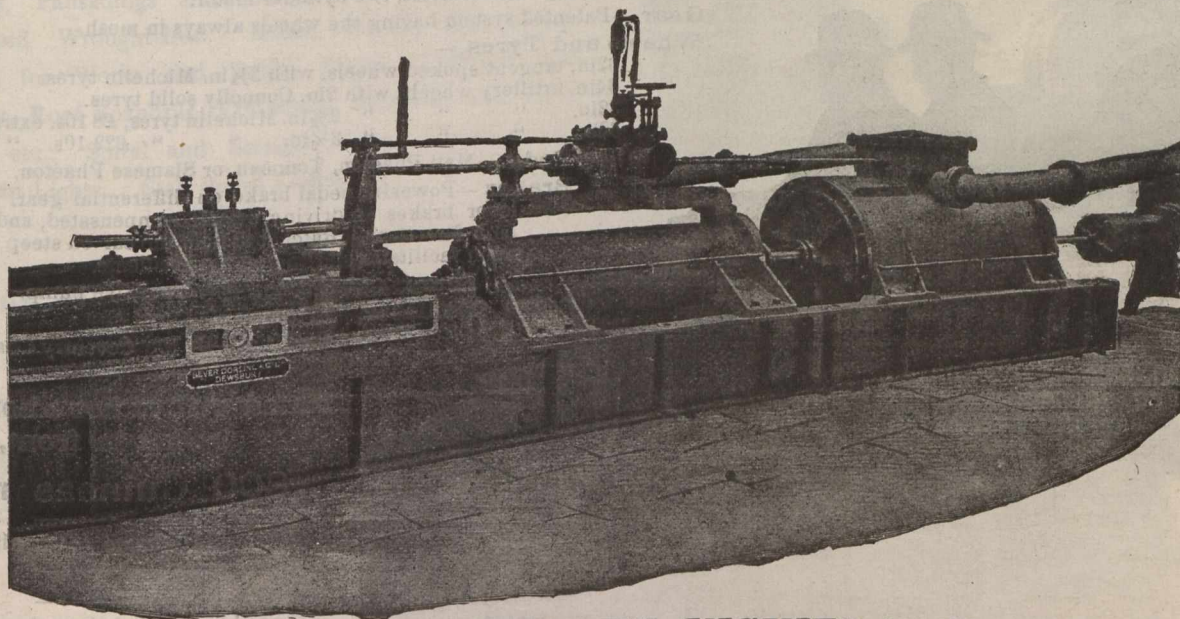
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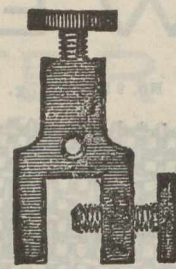
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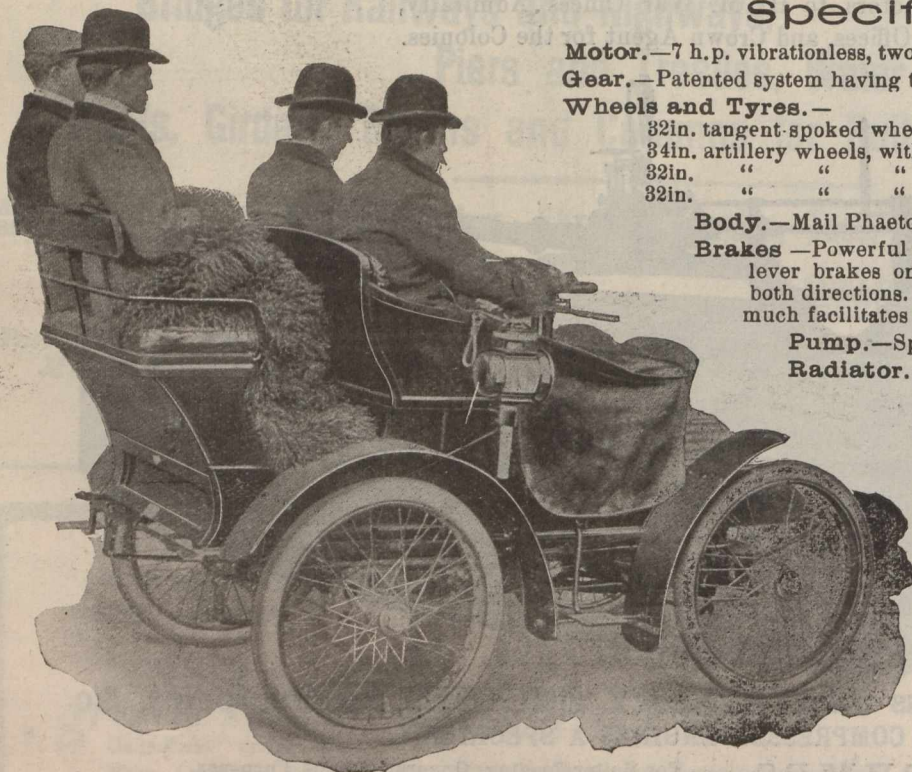
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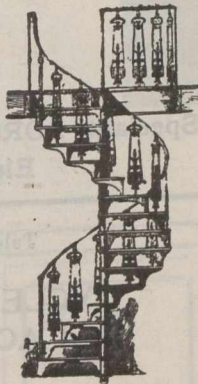
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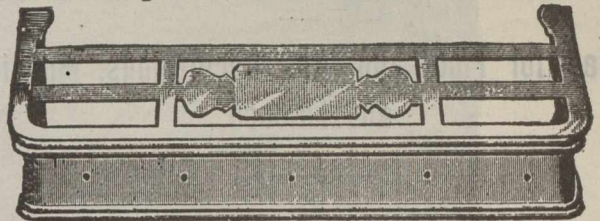
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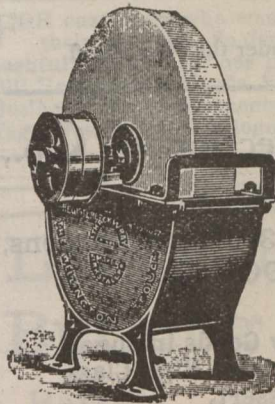
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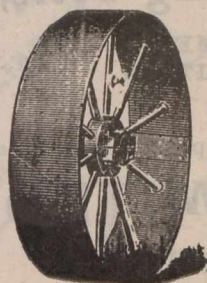


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3 per cent. loan, 1888-99 .....	102	104
Debs. 1884, 3½ per cent .....	89	91
3½ p.c. loan, 1897 .....	107	109
Manitoba, 1885-6, 5 p.c. ....		

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1876, 5 p.c. ....	101	105
1890, 4½ p.c. ....	102	104
1893, 5 p.c. ....	107	109
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Buffalo & Lake Huron \$10 shr. ....	18¾	14
do 5½ p.c. bonds .....	137	141
Can. Central 6 p.c. M Bds. Int. guar. by Gov. ....		
Canadian Pacific \$100.....	116	116½
Grand Trunk, Georgian Bay, &c.... 1st M. ....	100	102
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5 p.c. perp. deb. stock. ....	132	135
4 p.c. perp. deb. stock. ....	105	107
Great Western shares, 5 p.c. ....	131	134
Hamilton & N. W., 5 p.c. ....		
M. of Canada Stg. 1st Mort. 5 p.c. ....	105	107
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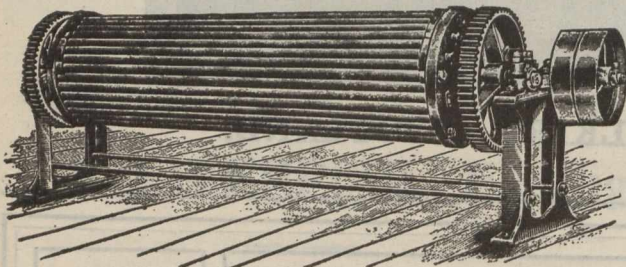
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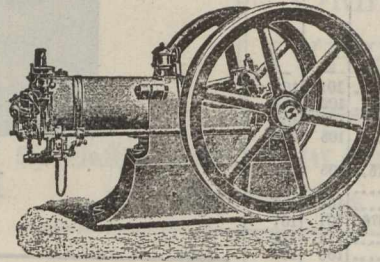
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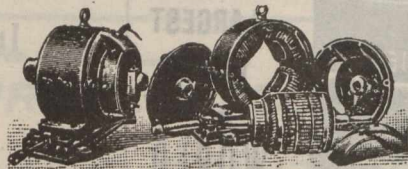
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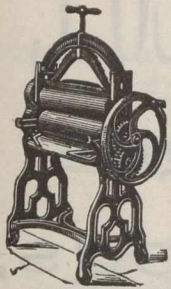


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## THIS SPACE TO LET,

APPLY TO

### Weardale Steel, Coal & Coke Co., Ltd.,

Tudhoe Iron Works,  
SPENNYMOOR, Eng.

or "Journal of Commerce,"

MONTREAL, Que.

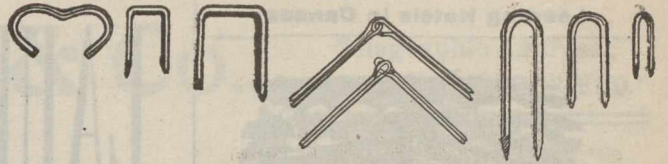
## .. The Wellington Machine Company .. Engineers & Machinists,

Machine Specialists for Folding Box Makers  
Bookbinders, Printers, Manufacturing Stationers  
&c., &c.

Specialities:—Wellington Box Covering and Topping Machines.  
Wellington Rotary Cutting and Grooving Machines. Wel-  
lington Board Liner. Wellington Rotary Punches. All kinds  
of special Dies for Folding Boxes.

Works, Office and Showrooms:

Wellington Road, - - - STOCKPORT, Eng.  
(Cut will be inserted as soon as received.)



## STAPLES,

TINNED & COPPERED  
FLAT STAPLES.  
LINGOOS OR LOOM  
WEIGHTS.

Box Hinges. Reed Ends. Jacquard Wires (perfectly  
straight.) All kinds of ROLLED WIRE, (cut or in coil)

JOSEPH HIRST,

Kirklees Ironworks, Brighouse, Eng.

Please write for lists & samples.  
Special terms to Canadians under new tariff.

## JOHN TURNER & CO.,

Manufacturers of **HORSE RUGS**

Blankets, Rugs, Horse Clothing, Collar Checks, Saddle  
Girths, Rollers, Body Belts, and Webbing. Jute and  
Combination Night Sheets in all sizes.

Merchants and Shippers only Supplied.

CROWN MILLS, SAVILE TOWN, DEWSBURY, YORKSHIRE, ENGLAND.

## William Whitwell & Co., Ltd.,

Thornaby Iron Works,

Stockton-on-Tees, - - - England.

Manufacturers of Whitwell Special  
Admiralty Cable 1/4 inch and upwards.

## PIG AND MERCHANT IRON.

PIG IRON for Bessemer, Siemens, Basic and Forge Purposes.  
Brand for Pig Iron: THORNABY HEMATITE.

MERCHANT IRON Angles, Tees, Rounds, Squares,  
Flats, Round Edged Flats, Oc-  
tagons Ovals, Feather-Edged Convex, Square Edged Convex,  
True Half Rounds; Rails—bridge double and single headed flat  
bottomed and street; Fish Plates, Fencing Iron, Sleeper Iron,  
Bevel Edged Tyre Iron, Channel, Skylight, Bevel and Hollow  
Moulding Iron Fire and Screen Bars, Tube Strips, Sash Iron,  
Single and Double Grooved Shoe Iron.

Capacity, 2,500 tons of Pig Iron, and 150 tons of Bar Iron, per week.

Brands for Merchant Iron: W. W. & CO. BEST SHOE, THORNABY BEST,  
W. W. & CO. BEST, THORNABY BEST BEST, THORNABY. W. W. & CO.  
Special Terms to Canadians under the New Tariff.

## W. Sellers & Sons,

AIREDALE WORK,

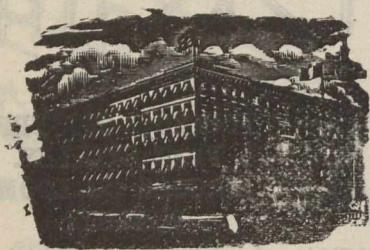
Keighley, Eng.

Established  
1854.

MANUFACTURERS  
OF

SEWING MACHINES, KNITTING MACHINES, PATENT WASHING  
MACHINES, KNIFE CLEANING MACHINES, CYCLE  
AND MOTOR CARS,

Leading Hotels in Canada,



ROSSIN HOUSE, TORONTO, Canada.

A. Nelson, Proprietor.

The proprietor has found necessary owing to the increased patronage of this popular Hotel to increase its capacity by an addition of 75 rooms, elegantly furnished en suite with baths, now ready for occupation. The latest exposed sanitary plumbing has been adopted throughout. THE ROSSIN is admittedly the largest, best appointed and most liberally managed hotel in the Province, having accommodation for 500 guests.

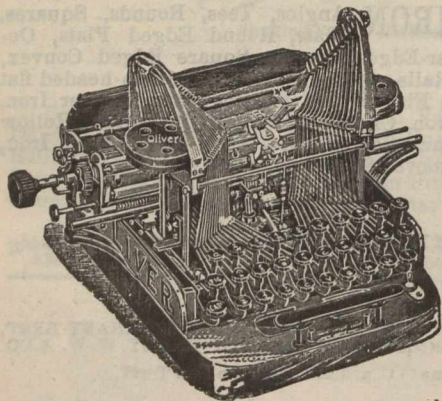
A. NELSON, Proprietor.

**THE RUSSELL,  
OTTAWA.**

**THE PALACE HOTEL OF CANADA.**

This magnificent new Hotel, fitted up in the most modern style, is now re-opened. The Russell contains accommodation for over Four Hundred Guests, with passenger and baggage elevators and commands a splendid view of the City, Parliamentary grounds, river and canal. Visitors to the capital having business with the Government find it most convenient to stop at the Russell, where they can always meet the leading public men. The entire Hotel is supplied with escapes; and in case of fire there would not be any confusion or danger. Every attention paid to Guests.

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YOUR ATTENTION!

THE OLIVER . . .

Free Type Bar!

Visible Writing

TYPEWRITER.

Price in Canada & United States,

→ \$95.00 ←

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156 St. Antoine Street,  
MONTREAL.

Manufacturers for  
CANADA AND SOUTH AMERICA

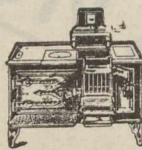
**LAURIESTON IRON CO'Y,**

Manufacturers of

Registers, Ranges

— AND —

Rain Water Goods,



Laurieston Foundry,  
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**THE CANADA SUGAR REFINING CO., Limited, MONTREAL.**

Manufacturers of REFINED SUGARS of the well-known Brand . . . .

*Redpath*

Of the Highest Quality and Purity, made by the Latest Processes, and the Newest and Best Machinery, not Surpassed anywhere.

LUMP SUGAR, in 50 and 100 lb. boxes.

"CREAM" SUGARS, (not dried).

"CROWN" GRANULATED,

YELLOW SUGARS of all grades and Standards.

Special Brand, the finest which can be made.

SYRUPS of all grades in brls. and half brls.

EXTRA GRANULATED, very Superior Quality.

SOLE MAKERS of high class Syrup in tins, 2 lb. and 8 lb. each.

At the Office of \* \* \*

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You can get everything in the line of

**JOB PRINTING.**

GIVE US A TRIAL ORDER

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THE STEVENSON BOILER, MACHINE SHOP AND FOUNDRY WORKS AT PETROLIA, ONT., (now of twenty years' standing), continues to make Marine, Stationary and Portable Boilers of all kinds. The Canadian Oil Wells and Refiners and Mills in this section are nearly entirely supplied with Boilers and other Plate Work from this shop; while for well-drilling purposes it has sent many boilers to Germany, Austria, India and Australia. It also makes Oil Stills, Tanks, Bleachers and Agitators, Salt Pans, Steam Boxes for Stave and Hoop Mills, and any desired work in Plate or Sheet Steel or Iron, as well as all productions of Machine Shops, including Steam Engines and Castings in Iron and Brass.

Having a full outfit of machinery and tools, including Steam Riveter, and men of long experience, it invites comparison of the quality of its work, with any shop in Canada.

ARTHUR KAVANAGH,  
Manager.

J. H. FAIRBANK,  
Proprietor.

# WILLIAM ATKINS & Co.,

Telegraphic Address: "RELIANCE, SHEFFIELD."

LIMITED.

Corporate Trade Mark.

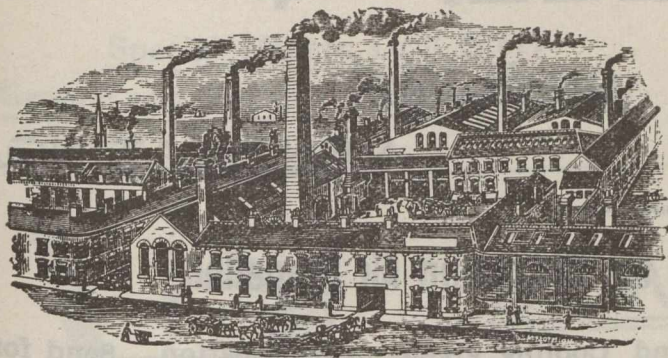


**ATTERCLIFFE,**

**RELIANCE STEEL WORKS,**

**Sheffield, England.**

Manufacturers of all kinds of Crucible



**CAST STEEL**

For Engineers, Shipbuilders, Boilermakers and other purposes.

**SPECIAL DRILL STEEL**

As supplied to the Gold Fields of Australia, Africa, &c. Expressly Adapted for Mining and Quarry Work; also of Rapid Cutting Steel for Turning

**TOOL STEEL**

For Turning Chilled Rolls, or any Hard Metals.

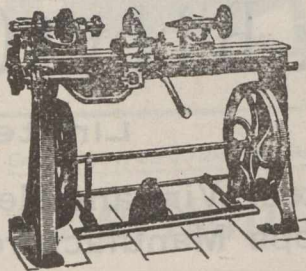
Cast Steel Sheets, Blister, Single and Double Shear Steel, Coach and Railway Spring Steel, Sewing Machine Steels, &c., &c. Best Warranted Cast Steel **FILES**. Solid Steel Hammers and Superior Cast-Steel Saws of every description.

Special terms to Canadians under the New Tariff.

Superior Foot, Power & Turret **LATHES**

For Prices apply:

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**WEBSTER'S INTERNATIONAL DICTIONARY**

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Also Webster's Collegiate Dictionary with Scottish Glossary, etc.  
"First class in quality, second class in size."

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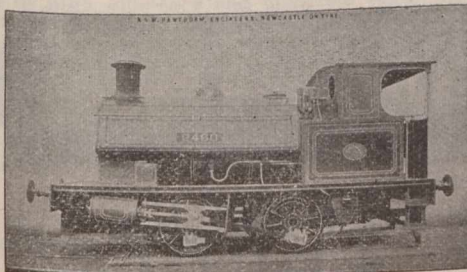
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NEWCASTLE-ON-TYNE, ENGLAND.

Manufacturers of

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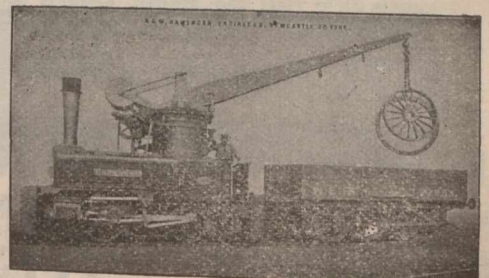


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Standard Classes in Progress and in Stock.

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Special prices to Canadians under the New Tariff.



**SPECIALITIES.** Combined Crane and Locomotive, Standard Tank Engines, 4 and 8 wheel coupled.

ENQUIRIES cordially invited which will have prompt and careful attention.

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**Patent Power Ventilating**

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\* **WHEEL.** \*

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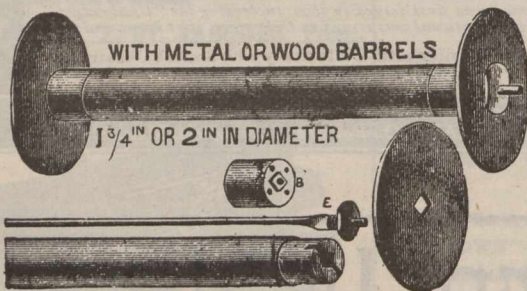
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**14 Highest Awards Given to the Blackman Air Propellor.**

**ESTIMATES** for Ventilation, Drying and Cooling given on Application. Send for Illustrated Circular.

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**JOHN KAY,**  
Machinist and Mill Furnisher,  
Crown Works, Walker St., - **ROCHDALE, Eng<sup>d</sup>**  
PATENT CONDENSER BOBBIN.



The Heads of these Bobbins contain a Square Hole in the centre, and are fitted on a Square Projection attached to the end of the Barrel, as shown above; thus the heads cannot turn round or get loose. This is the only means of avoiding the frequent and costly repairs, and the abundance of Loose Bobbin Ends so common in Mills. Old Bobbin Ends may be utilized and converted to this principle.

**Garnock, Bibby & Co.,**  
Limited,



Steel Wire and Hemp  
Rope Manufacturers,

LIVERPOOL, - ENGLAND,

Contractors to the Admiralty and  
War Office.

DRIVING ROPES.

Special Prices to Canadians under the New  
Preferential Tariff, 33 1-3 per cent. in favor of  
Canadian buyers.

**ATKINSON BROTHERS, LTD.,**

MILTON WORKS and  
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**MINERS DRILL STEEL**

STEEL CONVERTERS and REFINERS  
Manufacturers  
of ... **BEST CAST STEEL**

L ATHE and Planing Tools, Milling Cutters, Screwing Tackle, Shear Blades, Punching  
Tools, Chisels, Files, Miners' Drills, Hammers, Sates, Smiths' Tools, Rivet Tools, Spin-  
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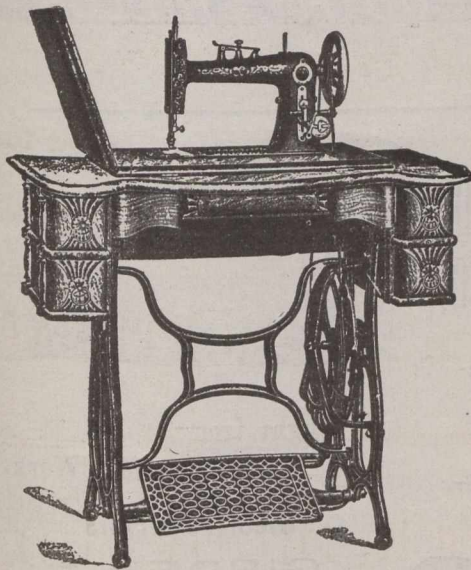
# *Eclectic Steel Co., Limited,*

Princess Street Works,  
SHEFFIELD, Eng.

MANUFACTURERS OF  
**CRUCIBLE CAST STEEL**  
FOR ALL PURPOSES.

Special Miners Drill Steel  
Ground and Polished Steel for Shafting.

SPECIAL NOTE.—This Special Steel is manufactured for the Canadian Market, under the new preferential tariff, 33½ per cent. in favour of the English makers.



We make High Grade Family  
**SEWING MACHINES**

For the Merchant's Trade

Write us for Prices and Terms.

We can interest you.

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*Contractors to the British Admiralty and India Office.*

## H. Charlton & Co.,

SOUTH SHORE Rd.

Engineers & Anchor Manufacturers,  
Gateshead-on-Tyne, - England.

Telegraphic Address : "CHARLTON HAWKS, GATESHEAD."

YOU WANT **ANCHORS?**

USE ours, which are of great holding power and moderate cost. Used by British Admiralty, Foreign Governments and the Mercantile Marine. Complete outfits of Chains and Anchors supplied: made to Admiralty, Lloyd's or Bureau Veritas inspection.



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WRITE to us for particulars of the "SIROCCO," which is of high efficiency and moderate cost. Special system of induced and forced draught. If you want more steam from your boilers, or to save coals, write us.

Sole Manufacturers of

**... IMPROVED MARTIN'S PATENT ANCHORS ...**

For the Improved Martin's Anchor Company, Limited London.

We have orders now in hand for over 300 tons of our Anchors for British Admiralty alone.

Journal of Commerce Job  
Department for Printing,

ESTABLISHED 1810

## JOHN SPENCER & SONS, L<sup>T</sup>D.,

(Works:—At NEWBURN and OUSEBURN, NEWCASTLE-ON-TYNE),

Newburn Steel Works,

**NEWCASTLE-ON-TYNE, ENGLAND,**

Offices : { Newcastle-on-Tyne : 27 Westgate Road,  
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ON ADMIRALTY LIST.

## MANUFACTURERS OF STEEL

By the Siemens', Cementation, and Crucible Processes.

**SHIP and BOILER PLATES up to 11 Feet Wide.**

Ingots, Slabs, Blooms, Billets, and Bars of all sizes.

Rivet Steel. Special Mild Steel for Boiler Flues.

**STEEL FORGINGS, STEEL CASTINGS,**

*Of all descriptions, to any weight, Rough or Machined.*

**CRANK AXLES & SHAFTING HYDRAULIC PRESSED.**

**Springs.**—Laminated, Volute, Patent Improved Volute, Conical, Spiral (Original Manufacturers of Volute Springs).

**Buffers,** of Wrought and Cast Iron of all descriptions. Best Cast Steel for Tools from finest Dannemora Brands. Best Cast Steel Files. **IRON FORGINGS** of all kinds.

**FOSTER'S & FOWNES' Patent CRANK SHAFTS.**

**WASTENEYS SMITH'S PATENT STOCKLESS ANCHORS,**

*Special price to Canadians under the New Tariff.*

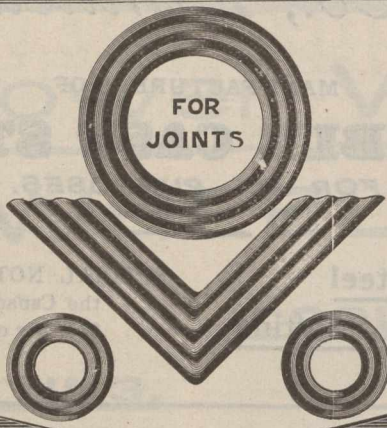
# TAYLOR'S PATENT

CONTRACTORS TO THE ADMIRALTY

THE ATTENTION OF ENGINEERS & OTHERS IS SOLICITED TO THE PRINCIPLES OF OUR UNIQUE PACKING, THIS PACKING CONSISTS OF METAL RINGS OBLONGS, & SQUARES, CUT FROM THIN SHEETS OF BRASS, & CORRUGATED; FOR THE PURPOSE OF BEING PLACED IN JOINTS IN THE JOINING OF METAL PIPES MAKING JOINTS STEAM & WATER-TIGHT, IN MAKING JOINT CORRUGATED THE RING IS LAID WITH CEMENT ON INNER PART OF FLANG, CLEAR OF BOLTS, IN SCREWING UP JOINT, RIDGES OF CORRUGATIONS YIELDING TO IT WILL TAKE IMPRESSIONS OF IRREGULARITIES OF SURFACES OF FLANGES, MAKING IT IMPOSSIBLE FOR HIGH PRESSURE FROM STEAM OR WATER TO ENTER JOINT.

SOLE MAKERS **NEWTON**

TYNE DOCK CORRUGATED PACKING WORKS



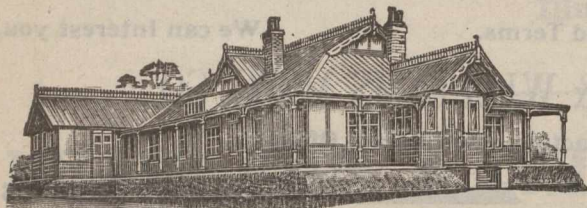
# METALLIC PACKING.

& SPANISH ROYAL NAVAL COMMISSION

SOME ADVANTAGES OF THIS PACKING ARE  
 1-CHEAPNESS, NO CUTTING OF HOLES TO MAKE COST OF RING BEING A TRIFLE COMPARED WITH IMPORTANCE OF HAVING A GOOD JOINT.  
 2-THIS PACKING IS SUITABLE FOR HEAT PETROLEUM BOILER STAYS.  
 3-BY USING RINGS TIGHT JOINT CAN BE MADE WITH GREAT CERTAINTY.  
 4-WITH THIS PACKING A CLOSE NEAT JOINT CAN BE MADE.

THESE RINGS MANUFACTURED IN BRASS COPPER GUN METAL & STEEL

**& NICHOLSON**  
SOUTH SHIELDS



BUNGAL OW.

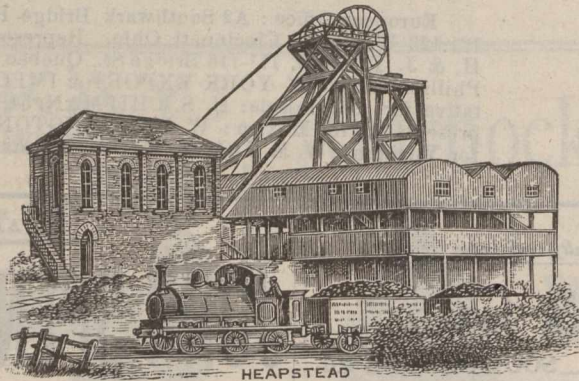
MANUFACTURERS OF

## IRON BUILDINGS,

Churches, Schools,  
HOSPITALS, BARNS,  
WAREHOUSES,  
HEAPSTEADS.

Huts, Hay Sheds, Farm Buildings.

## THE ALNWICK FOUNDRY & ENGINEERING CO., Alnwick, England,



HEAPSTEAD

Special Prices to Canadians under the New Tariff.



Wrought Iron  
Constructional Work.  
Steel Principals  
GIRDER..  
BRIDGES,  
CAGES,  
FENCING, &c.  
COLUMNS.

## L. WRIGHT & SON, WRIGHT'S CELEBRATED NAVY BISCUITS.

*These Biscuits are made from Pure Wheaten Flour, Thoroughly Kiln-Dried and specially prepared for long voyages, as are of World-Wide renown.*

Established over 100 Years.

Manufactory: East Holborn; Offices: Dean Street,  
SOUTH SHIELDS,  
ENGLAND.

# AMOS COWEN,

## Builder & Contractor

294 Peel Street,  
MONTREAL, Que.

Insurance.

**The Federal Life ASSURANCE COMPANY.**

HEAD OFFICE, HAMILTON, CANADA.

Capital and Assets - - - - \$2,149,055.92  
 Surplus to Policyholders - - - 1,025,317.85  
 Paid Policyholders in 1900 - - - 170,813.58

MOST DESIRABLE POLICY CONTRACTS.

IAS. H. BEATTY, President. DAVID DEXTER, Managing Director.  
 J. K. McCUTCHEON, Supt. of Agencies.  
 H. RUSSELL POPHAM, Provincial Manager.

"The amalgamation of the Manufacturers Life and Temperance and General Life Assurance Companies has proved to be one of the most successful ventures ever attempted in Canadian Insurance Circles."

Write for Annual Report for 1901 of  
**THE MANUFACTURERS LIFE INSURANCE COMPANY**

(Formerly The Manufacturers Life and Temperance and General Life Insurance Companies)

Hon. G. W. ROSS, President. J. F. JUNKIN, Managing Director.  
 Head Office—Toronto.

**Scottish Union and National INSURANCE COMPANY,**  
 Of Edinburgh, Scotland.

ESTABLISHED 1804.

M. BENNETT, Jr., Gen. Manager North American Branch, Hartford, Conn  
 Capital .....\$30,000,000 | Invested Funds.....\$13,500,000  
 Total Assets ..... 34,472,705 | Deposited with Dom. Govt., 135,000  
 (Market value.)  
 WALTER KAVANAGH, Resident Agent, 117 St. Francois Xavier St., MONTREAL

THE  
**NORTH AMERICAN LIFE ASSURANCE COMPANY.**

Head Office: 112-118 King St. West,  
 TORONTO, Ont.

The following figures taken from the last financial statement show the unexcelled financial position to which the Company has attained. It has

Assets .....\$ 3,977,263.83  
 Cash Income..... 1,005,970.55  
 Net Surplus..... 500,192.39  
 Insurance in Force..... 25,575,142.00

L. GOLDMAN, Secretary. WM. McCABE, Man. Dir.

Messrs. AULT and McCONKEY,  
 Managers for Province of Quebec,  
 180 St. James St., Montreal

**Saxe & Archibald,**  
**ARCHITECTS**  
 Room 79, Imperial Building  
**MONTREAL.**

Insurance.

**British \* America ASSURANCE COMPANY.**

HEAD OFFICE, - - - TORONTO,

Incorporated 1833.

**FIRE AND MARINE.**

Cash Capital, .. .. . \$1,000,000.00  
 Assets, .. .. . \$1,776,606.45  
 Losses Paid since organization, .. \$19,946,517.73

Geo. A. Cox, President. J. J. KENNY, Vice-Pres. P. H. SIMS, Secretary  
 C. R. G. JOHNSON, Res. Agent, 1723 Notre Dame St., MONTREAL.

**JUSTICE and SATISFACTION**

*in dealing with both Agents and Policy-holders — fairness coupled with invariable honesty of purpose. These are the endeavors of the management of the Union Mutual in all transactions. And Promptness is another Home Office motto—prompt answering of letters, prompt issuing of policies, prompt settlement of claims. Always a place for reliable, capable Agents.*

**Union Mutual Life Insurance Co.,**

Portland, Maine. INCORPORATED 1848.

FRED E. RICHARDS, President. ARTHUR L. BATES, Vice President.  
 Address:—HENRI E. MORIN, Chief Agent for Canada,  
 151 St. James St., Montreal, Canada.

For Agencies in the Western Division, Province of Quebec and Eastern Ontario apply to WALTER I. JOSEPH, Manager, 151 St. James St., Montreal.

(FOUNDED 1825.)

**Law Union & Crown Ins. Co.,**

(OF LONDON.)

Assets exceed, - - - \$22,000,000.

Fire risks accepted on most every description of insurable property.

Canadian Head Office: BEAVER HALL, MONTREAL

J. E. E. DICKSON, Manager.

Agents Wanted throughout Canada.

**OILS.**

**The IMPERIAL OIL COMPANY, Ltd.**

—REFINERS AND MANUFACTURERS OF—

**CANADIAN PETROLEUM PRODUCTS,**

Under New Patent Process

Refined Oils, Benzine, Napthas and Gasolenes, Lubricating Oils, Greases,  
 Paraffine Wax Candles, Fuel Oils, &c.

Refineries: SARNIA and PETROLIA, Ont.

Branches:

MONTREAL, P.Q. ST. JOHN, N.B. HALIFAX, N.S. WINNIPEG, Man. |  
 VANCOUVER, B.C.

—SELLING AGENTS FOR PROVINCE OF ONTARIO—

**The QUEEN CITY OIL COMPANY, Limited,**

Head Office: TORONTO, Ont.

Branches: OTTAWA, HAMILTON, LONDON, KINGSTON, and other Stations in  
 Province of Ontario.

# NEW YORK LIFE

INSURANCE COMPANY.

**JOHN A. McCALL, President;**

Gain in Insurance in force 1900  
\$140,000,000

AN UNPARALLELED RECORD.

Applications invited by the undersigned for general and special agencies, and management of territory from experienced Life Insurance men, as well as from those wishing to acquire training and experience.

WESTERN CAN. BR., 496 1/2 Main St., Winnipeg, Man.  
N. B. BR., 120 Prince William St., St. John, N. B.  
TORONTO BRANCH, 6 King St., West, Toronto, Ont.  
HALIFAX BR., Barrington and Prince Sts.

**R. HOPE ATKINSON.**

AGENCY DIRECTOR,

Company's Building, MONTREAL

## J. DUNCAN DAVISON

Imperial Bdg. 107 St. James Street,  
Montreal.

### COMMISSIONER

For Following Provinces:

Ontario, Quebec, Manitoba, New Brunswick  
Nova Scotia and Prince Edward Island.

## LIVERPOOL & LONDON & GLOBE

INSURANCE COMPANY.

Available Assets, - - \$61,187,215

Funds Invested in Canada, - \$3,300,000

Security, Prompt Payment and Liberality in the adjustment of Losses are the prominent features of this Company.

Canada Board of Directors:

A. F. GAULT, Chairman.  
WENTWORTH J. BUCHANAN, Deputy Chairman.  
SAM'L FINLEY. E. S. CLOUTON.  
HON. SIR ALEXANDRE LAPOSTOLLE, K.C.M.G.  
G. F. C. SMITH, Resident Secretary.

Head Office, Canada Branch:

**MONTREAL.**

## THE WATERLOO MUTUAL

Fire Insurance Company.

Established in 1863. Head Office, Waterloo, Ont.

Total Assets, Jan. 1, '94, \$349,734.71.

GEORGE RANDALL, Esq., President; JOHN SMUH,  
Esq., Vice President; Frank Haight, Esq., Manager;  
John Killer, Esq., Inspector.

## UNCONDITIONAL POLICIES

ARE ISSUED  
BY THE . . .

## CONFEDERATION LIFE ASSOCIATION.

Cash Values,  
Extended Insurance,  
Paid up Policies,  
**GUARANTEED.**

Full information sent on application.

**H. J. JOHNSTON,**  
Prov. Manager,

174 ST. JAMES ST.,  
MONTREAL.

W. C. MACDONALD,  
Actuary.

**J. K. MACDONALD,**  
Managing Director.

Head Office, - TORONTO.

# LIFE INSURANCE ANNOUNCEMENT.

JANUARY, 1902.

The rapidly increasing business of THE ROYAL-VICTORIA LIFE INSURANCE CO., requiring larger Head Office accommodation, the Company will occupy its new offices on the second floor of the Royal Insurance Building, Place d'Armes Square, on the 1st of May next.

The new business issued in 1901, shows an increase of 33 per cent. over the previous year.

Head Office,  
MONTREAL.

**DAVID BURKE, A.I.A., F.S.S.,**  
General Manager.

## B. S. & W. WHITELEY

Press  
Paper  
Manufacturers,

Pool Paper Mills, POOL, nr. LEEDS,  
ENGLAND.

## WESTERN ASSURANCE COMPANY.

FIRE AND MARINE. Incorporated 1851.

Assets, over \$2,925,000.00  
Annual Income, 2,994,000.00

Head Office. - Toronto. Ont.

Hon. Geo. Cox, Pres. J. J. KENNY Vice-Pres. & Man.-Dir  
C. C. FOSTER, Secretary.

Montreal Branch, - - 189 ST. JAMES STREET.

ROBT. BICKERDIKE, Manager.

ROUTH & CHARLTON, City Agents.

## THE IMPERIAL INSURANCE COMPANY LIMITED

LONDON.  
ESTABLISHED 1808.

SUBSCRIBED CAPITAL, . . . \$6,000,000  
PAID-UP CAPITAL, . . . 1,500,000  
TOTAL INVESTED FUNDS OVER . . . 8,000,000

Canadian Branch;

COMPANY'S BUILDING, PLACE D'ARMES, MONTREAL  
**R. G. KEARLEY, RESIDENT MANAGER.**

## NATIONAL ASSURANCE COMPANY

OF IRELAND.

ESTABLISHED 1822.

Capital Fully Subscribed, - \$5,000,000.

Canadian Branch:

Trafalgar Chambers, - 22 St. John Street, Montreal.

H. M. LAMBERT, . . . MANAGER.

DISTINCTIVE QUALITIES

—OF—

**North Star, Crescent  
and Pearl Batting.**

**Purity, Brightness, Loftiness.**

No Dead Stock, oily threads nor miserable yellow fillings of short staple. Not even in lowest grades. Three grades—Three prices and far the best for the price.

## COMMERCIAL UNION

ASSURANCE CO., Ltd.,

Of London, England.

FIRE LIFE MARINE

Agencies in all the principal Cities and Towns of the Dominion.

HEAD OFFICE, Canadian Branch, - MONTREAL  
**JAMES MCGREGOR, Manager.**