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Special Machines for DAIRIES, BUTCHERS, Etc.
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234

THE CANADIAN
JOURNAL OF COMMERCE
FINANCE AND INSURANCE REVIEW.

Vol. 53. No. 22.
NEW SERIES.

MONTREAL, FRIDAY, DECEMBER, 6 1901.

M. S. FOLEY,
EDITOR AND PROPRIETOR

McINTYRE SON & Co.,
MONTREAL.
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FOR SALE, IN CANADA (ABOUT 5 MILES West of Niagara Falls) in the Garden of the Dominion, that First-Class Grain, Pasture and Fruit Farm known as "BEECHLANDS," situated immediately East of the town of Thorold, and 4½ miles from St. Catharines, in the Province of Ontario; about ½ mile from P. O., Market, Railway Stations, Churches, Schools, &c., containing about 90 acres fertile loam clay; Fishing Stream, Partridge Grove, Barns, Stables and other Outhouses, all for \$7,500. Contains large Stone House, Orchard, Grove and Lawn, Gothic Stone Lodge. Easy terms. Produces Wheat Oats, Barley, Hay, Clover, Apples, Grapes, Pears, Peaches, Plums, Cherries, Quinces, Strawberries, and other small fruits. The steam railway service to the Falls has been replaced by an electric railway service. Address the owner, M. S. FOLEY, Editor and Proprietor of the "Journal of Commerce," Montreal, Canada.

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Canadians can purchase these furnaces under the new Canadian Tariff, 33⅓ p. c. cheaper than any other Country.

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FILE WORKS.**

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RESERVE FUND.....1,500,000
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(Established 1859.) Capital Authorized.....\$2,000,000 Capital paid up.....\$1,742,535 Reserve Fund.....1,050,000

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The Bank of Ottawa.

DIVIDEND No. 51. NOTICE is hereby given that a dividend of Four and one-half per cent. upon the paid-up capital stock of this Bank has been declared for the current half-year, and that the same will be payable at the Bank and its branches, on and after Monday, the second day of December next. The transfer books will be closed from the 16th to the 30th November next, both days inclusive. The Annual General Meeting of the Shareholders will be held at the Banking House in this city, on Wednesday the 11th day of December next, the chair to be taken at 3 o'clock P.M. By order of the Board, GEORGE BURN, General Manager. Ottawa, 22nd October, 1901.

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Capital Paid-up.....\$2,000,000 Rest.....550,000 HEAD OFFICE, QUEBEC

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INCORPORATED 1832. Capital Paid-up.....\$2,000,000.00 Reserve Fund.....2,600,000.00 HEAD OFFICE, HALIFAX, N.S. DIRECTORS: JOHN Y. PAYKANT, President CHARLES ARCHBOLD, Vice-President R. L. BORDEN, J. WALTER ALLISON, GEO. S. CAMPBELL, HECTOR McINNES. General Office, TORONTO, Ont. H. C. McLeod, Gen. Manager. D. WATERS, Chief Insp'r. GEO. SANDERSON, Insp'r.

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The Canadian Bank of Commerce

DIVIDEND No. 69.

NOTICE is hereby given that a DIVIDEND OF THREE AND ONE-HALF PER CENT. upon the Capital Stock of this Institution has been declared for the current half-year, and that the same will be payable at the Bank and its Branches on and after

Monday, the 2nd day of December next. The Transfer Books will be closed from the 16th of November to the 31st of November, both days inclusive. The Annual General Meeting of the shareholders of the bank will be held at the banking house, in Toronto, on Tuesday, the 14th day of January next. The chair will be taken at 12 o'clock. By order of the board, B. E. WALKER, General Manager. Toronto, October 22nd, 1901.

Traders Bank of Canada

(Incorporated by Act of Parliament 1885). Capital Paid Up.....1,344,420 Reserve Fund.....250,000

Board of Directors: C. D. Warren, Esq., President. John Drynan, Esq., Vice-President. Hon. J. R. STRATTON, C. KLOEFFER, Esq., M.P. Toronto, Guelph. J. H. BEATTY, Esq., of Thorold. W. J. SHEPPARD, Wauaubasene. Head Office, Toronto. General Manager J. A. M. ALLEY, Inspector. BRANCHES: Arthur, Ont., Hamilton, Sarnia, Aylmer, Ingersoll, Sault Ste. Marie, Burlington, Leamington, Strathroy, Drayton, Newcastle, St. Mary's, Dutton, North Bay, Sturgeon Falls, Simra, Orillia, Sndbury, Glencoe, Port Hope, Tilsonburg, Grand Valley, Ridgetown Windsor, Guelph.

BANKERS: Great Britain-The National Bank of Scotland New York-The American Exchange Nat. Bank. Montreal-The Quebec Bank.

BANQUE D'HOCHELAGA.

Capital Subscribed.....\$1,500,000 Capital Paid-up.....1,500,000 Reserve Fund.....750,000

DIRECTORS: F. X. ST. CHARLES, President. Hon. J. D. ROLLAND, J. A. Vallancourt, Esq., and Alphonse Turcotte, Esq., Gen'l Manager C. A. PRENDERGAST, Assistant Manager O. E. DORAIS, Inspector. Head Office, Montreal. Three Rivers, P.Q. Vankleek Hill, Ont. Joliette, P.Q. Winnipeg, Man. Sorel, P.Q. St. Henri, near Montreal Valleyfield, P.Q. 1893 St. Catherine " Louisville, P.Q. 1756 " Sherbrooke, P.Q. 2217 Notre Dame " Hochelaga, " CORRESPONDENTS-Nat'l Park Bank, Nat'l City National Bank & Traders' National Bank, Mchts M.M. Heidelbach, Ickelheimer & Co., M.M. Kountze Brothers, New York. Third National Bank, International Trust Co., National Bank of Redemption, National Bank of the Commonwealth, Boston. National Live Stock Bank, Illinois Trust and Savings Bank, Chicago. The Clydesdale Bank (Lim. ltd.), Credit Lyonnais de Paris, Credit Industriel & Commercial, Comptoir National d'Escompte de Paris, London, Eng. Credit Lyonnais, Société Générale, Crédit Industriel & Commercial, Comptoir National d'Escompte de Paris, Paris, France. Bank, Berlin, Germany, Brussels, Belgium. Deutsche Bank, Berlin, Germany, Banque Imp. Royale & Priv. des Pays Autrichiens, Vienna, Austria. Banque de Rotterdam, Rotterdam, Holland. Letters of Credit issued available in all parts of the World. Interest on deposits allowed in Savings Department.

R. HUDSON

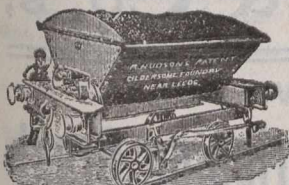
Gildersome Foundry, near LEEDS. ENG

Telegrams—
Foundry, Gildersome
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National Telephone
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Leeds Exchange.

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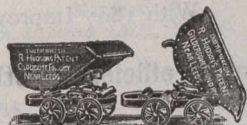
69—R. H.'s Patent 6-Ton Steel Double Side Tip Wagon, to work with ordinary 14 1/2 Wagons.



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



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



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



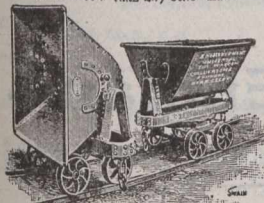
76—Hand Trolley, made to carry any weight or to suit any rail gauge.



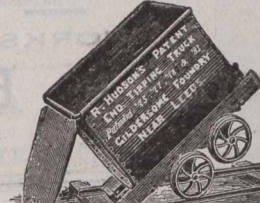
76—R. H.'s Patent Steel Mining Wagon



43—R. H.'s Patent Railway, in Rails, Rivets, or Loose Parts. Will last two times as long as the ordinary kind. Guaranteed thoroughly satisfactory



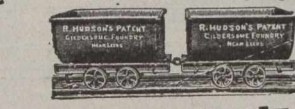
60—R. H.'s Patent Double-Centre Universal Tip Wagon. Tipping either Endways or Sideways at will



1—R. H.'s Patent Steel End Tip Wagon



40—Turnout, with Fixed Point



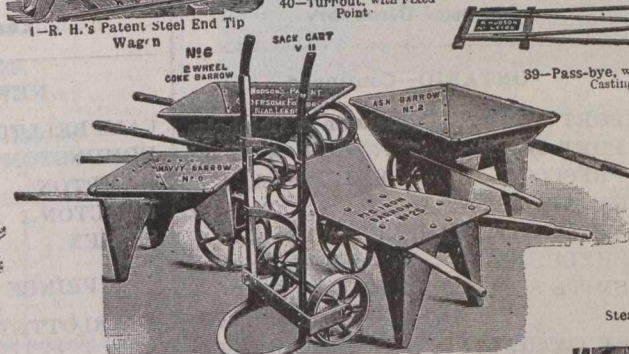
39—Pass-by, with Fixed Points Castings only



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



27—Hopper Wagon, with Slide Door



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



10—Left-hand Steel Points & Crossing



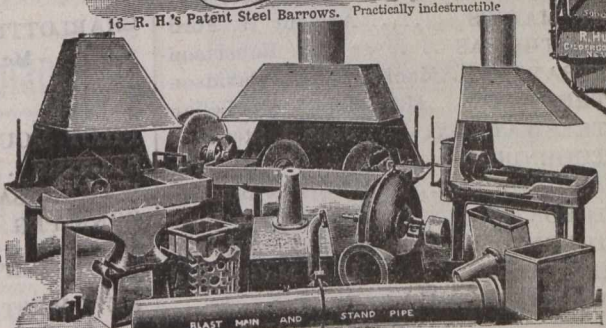
69—R. H.'s Improved Steel Hopper Wagon with Slide Door



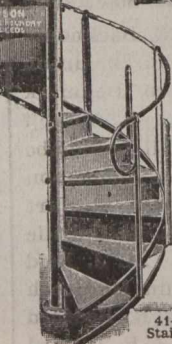
Steamship Barrow, Drawing V 10



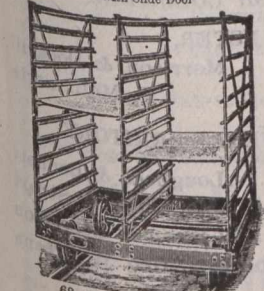
67—R. H.'s Improved Steel Ladder. Strong, very light, and durable



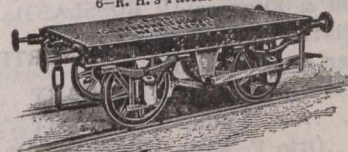
6—R. H.'s Patent Iron Smith's Hearths. No Brickwork required



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



68—Cake Drying Wagon



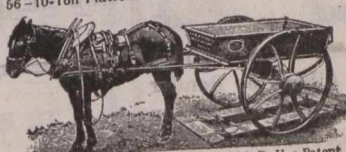
56—10-Ton Platform Railway Wagon



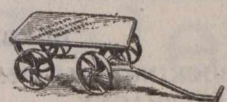
58—Steel Plate Bogie



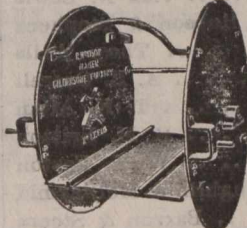
71—R. H.'s Improved Steel Tank Cart. 200 Gallons capacity



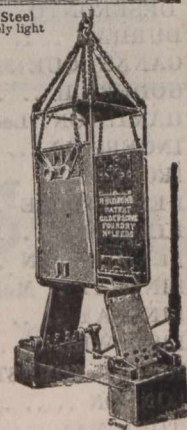
51—R. H.'s Patent Steel Cart, with R. H.'s Patent Steel Wheels and R. H.'s Patent Steel Shafts. Practically indestructible.



22—Two Tons Steel Plate Bogie. Practically indestructible.



78—Tippler for Mining Wagons



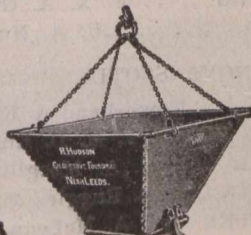
15—R. H.'s Improved Steel Cage, with Safety Grippers and Fallers complete



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



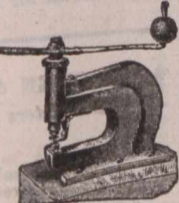
70—Foundry Fettling Box



57—Steel Coal Box with Drop Bottom



4—Furnace Coal Wagon



39—Fly Punch



28—Foundry Ladle



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



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



42—Mining Kibble with or without Valve in bottom

Philipson & Co.'s,

PATENT

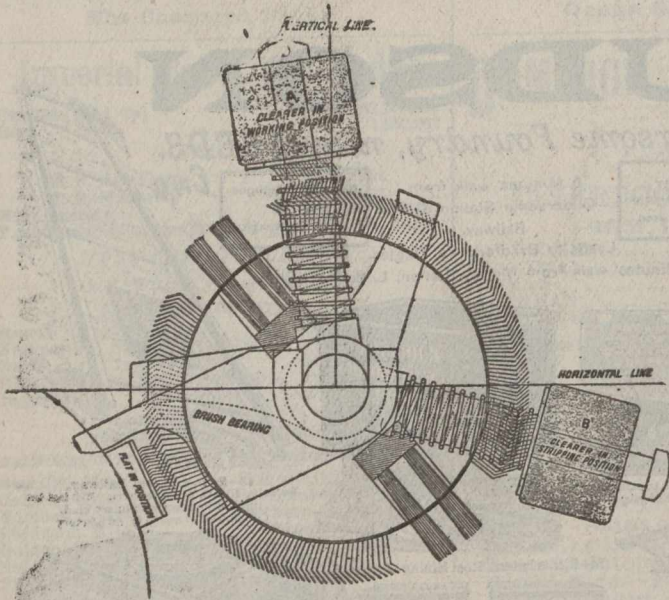
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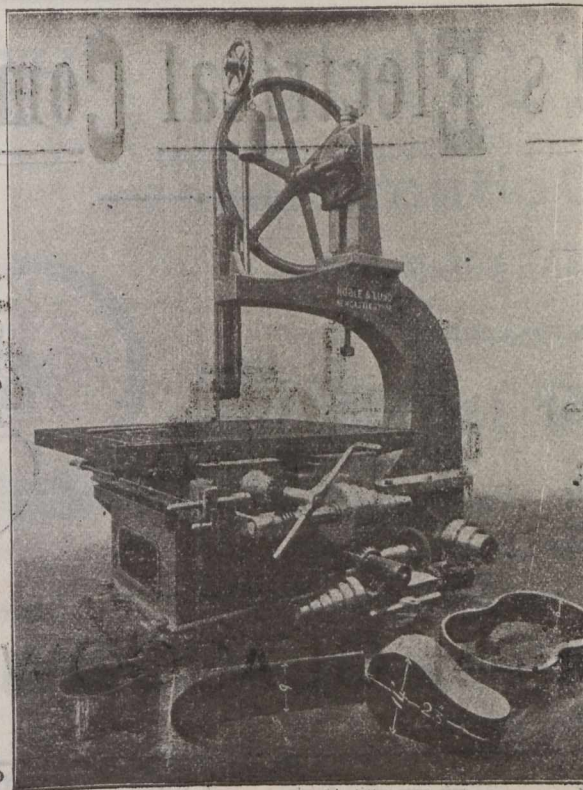
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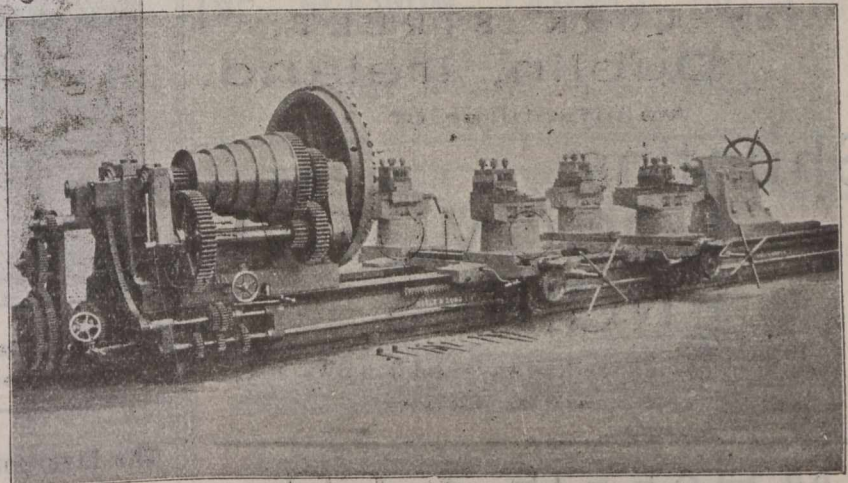
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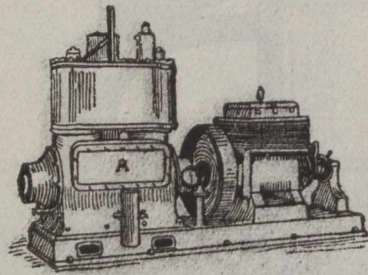
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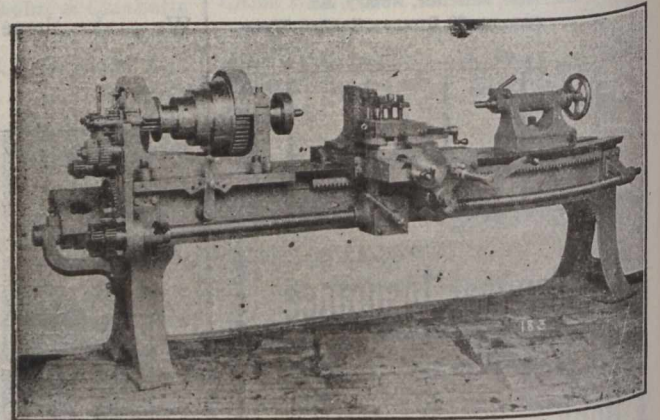
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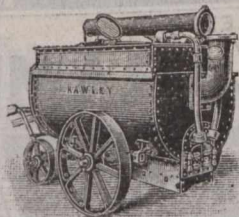
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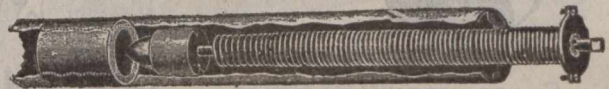
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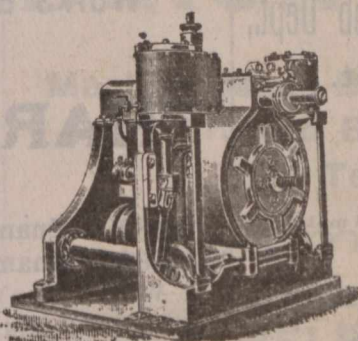
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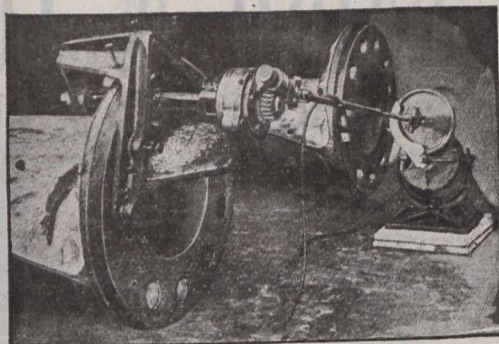
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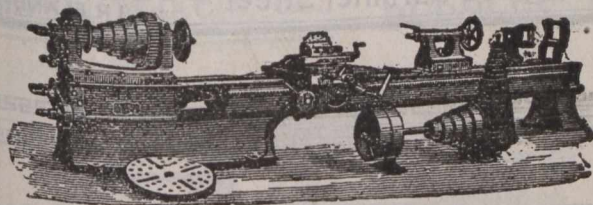
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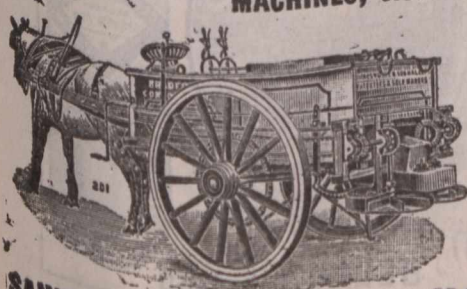
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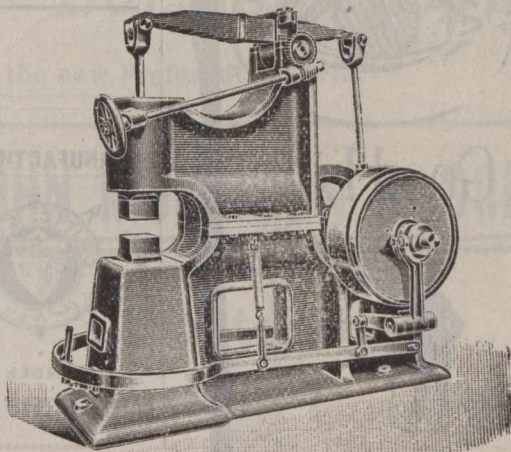
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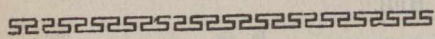


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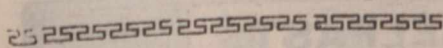
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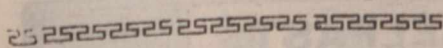
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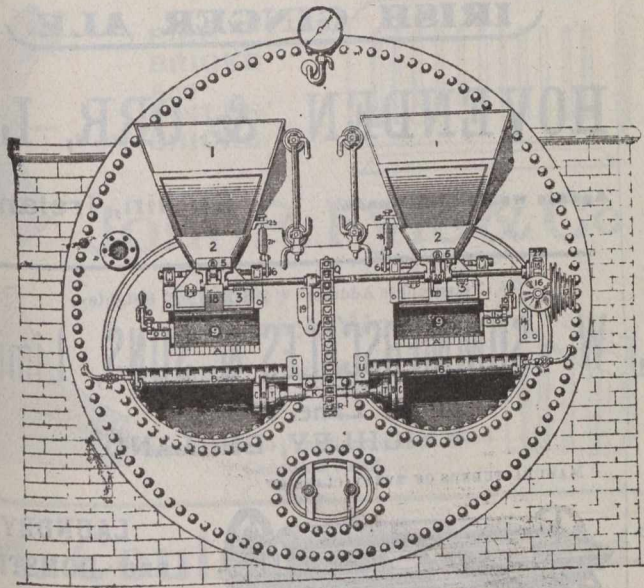
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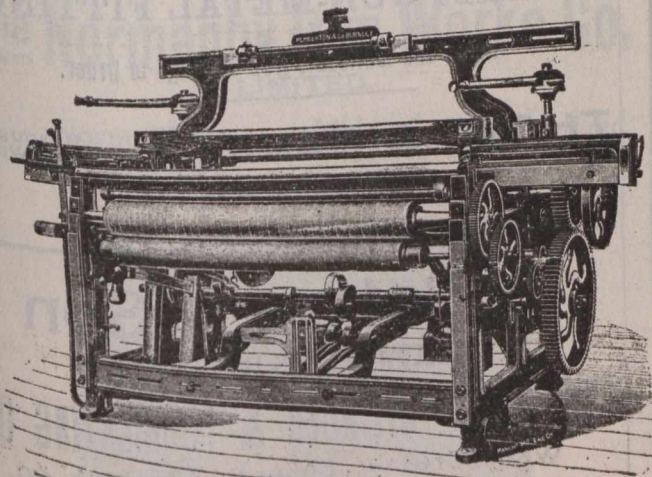
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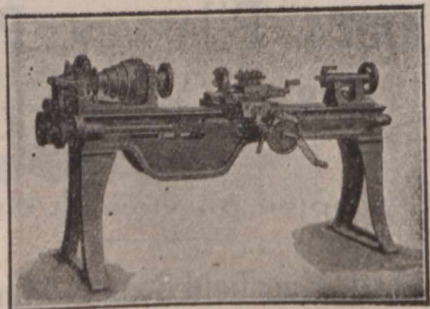


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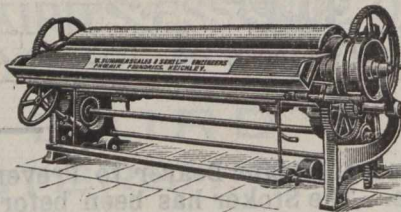
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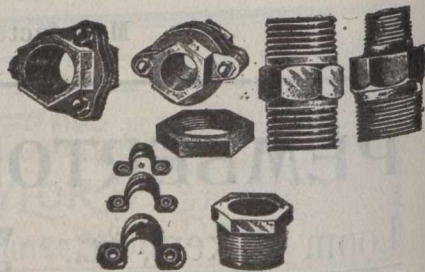
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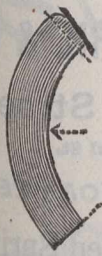
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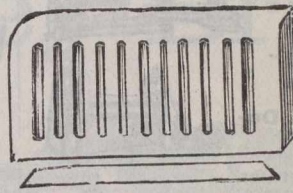
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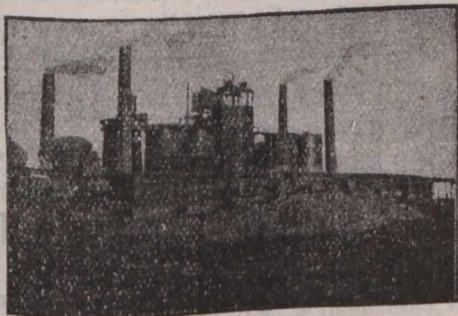
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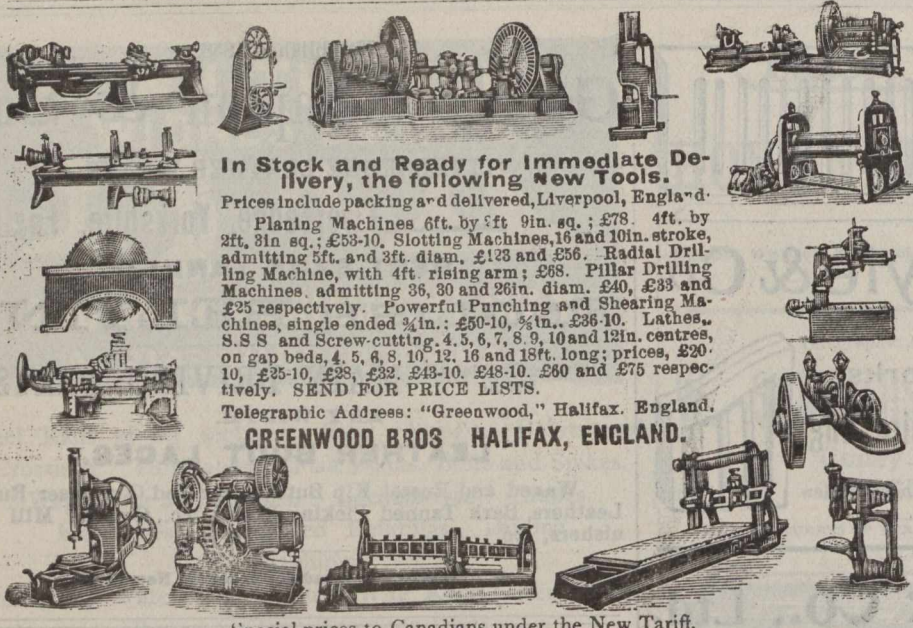
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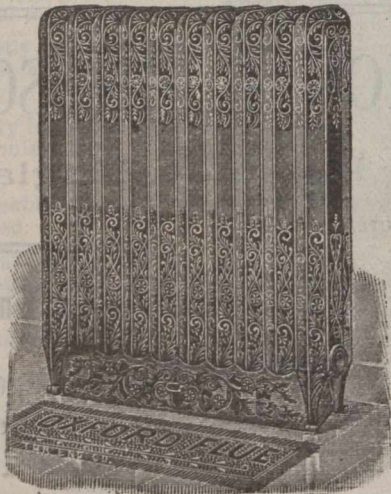
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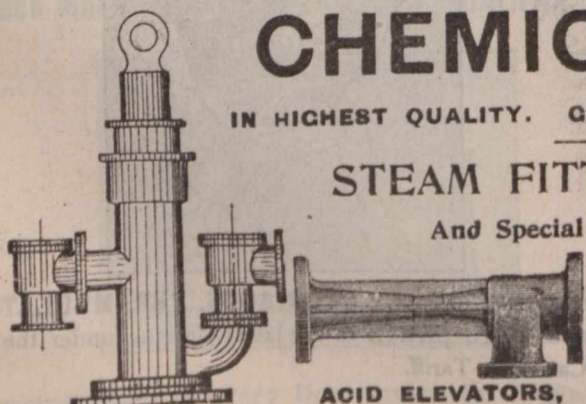
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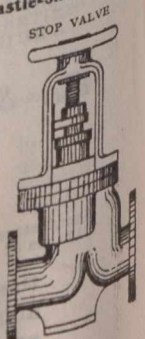
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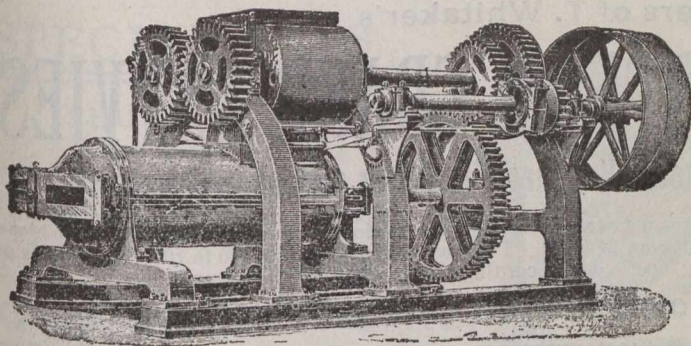
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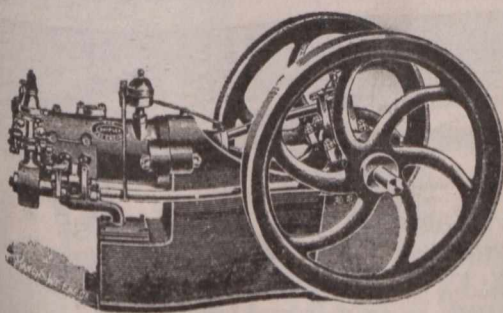
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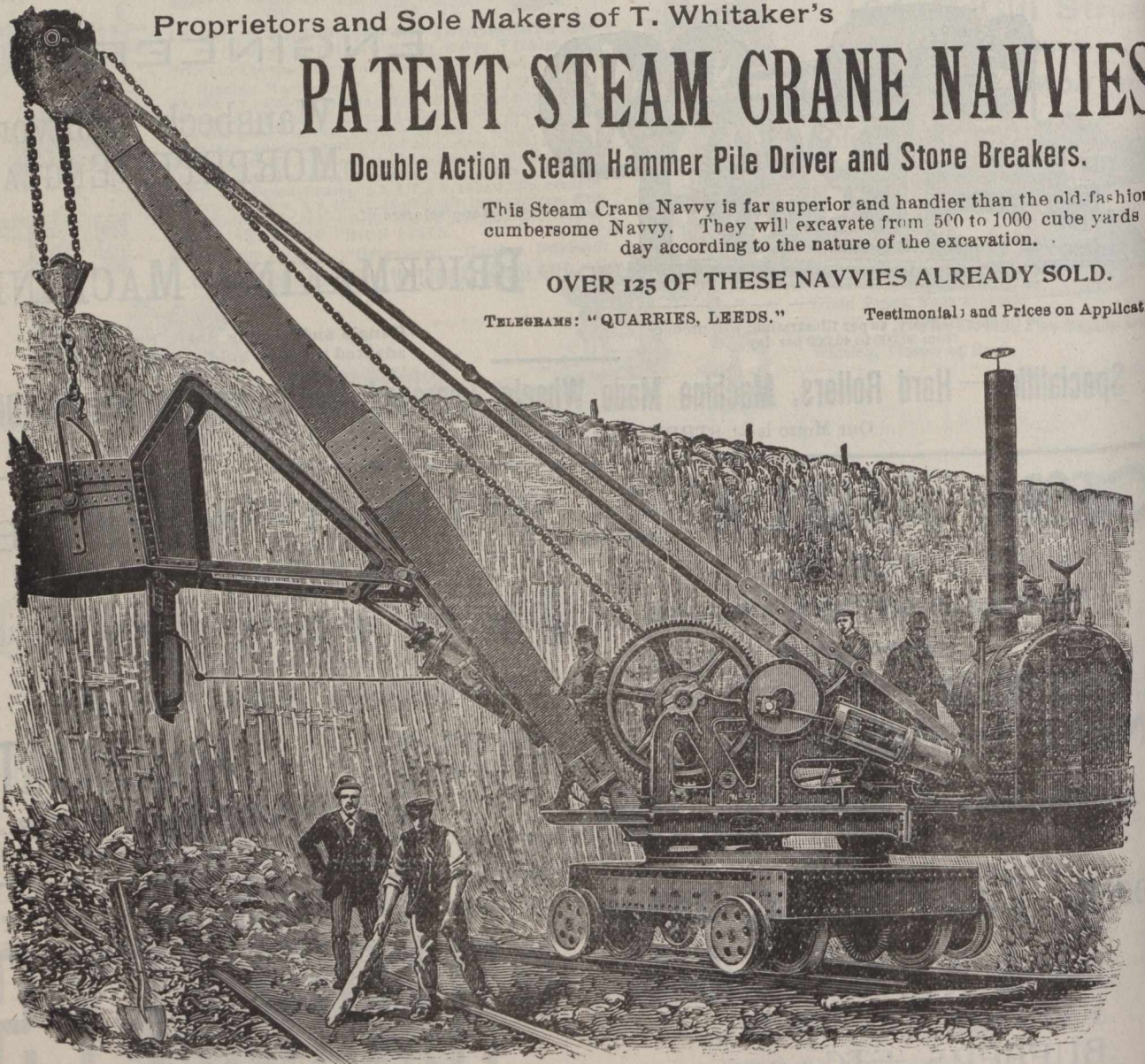
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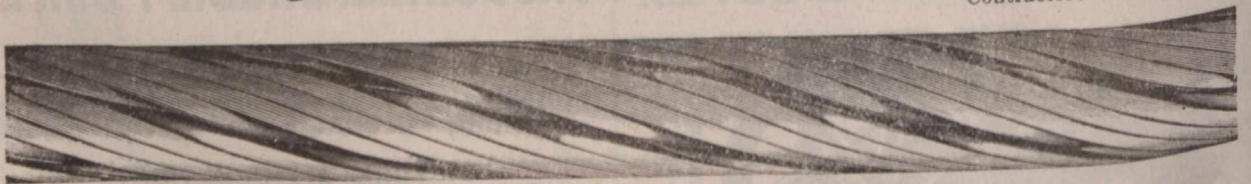
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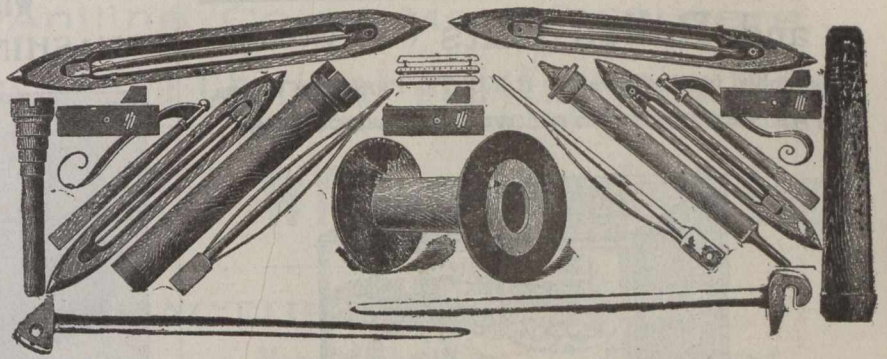
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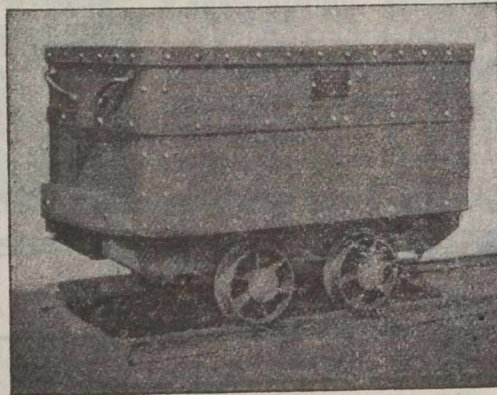
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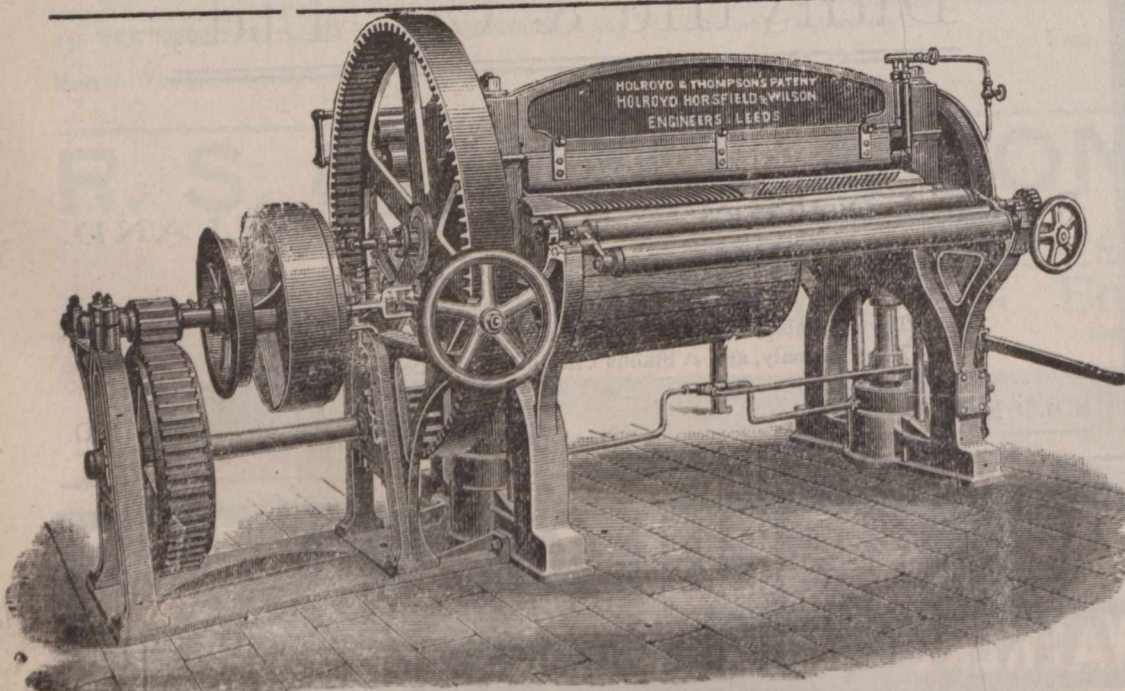
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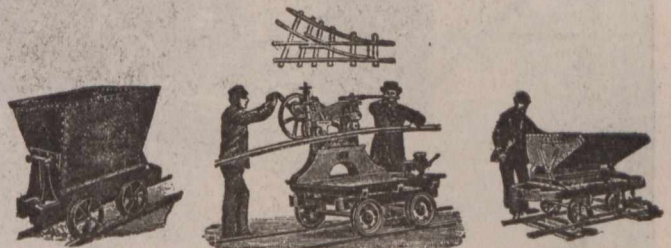
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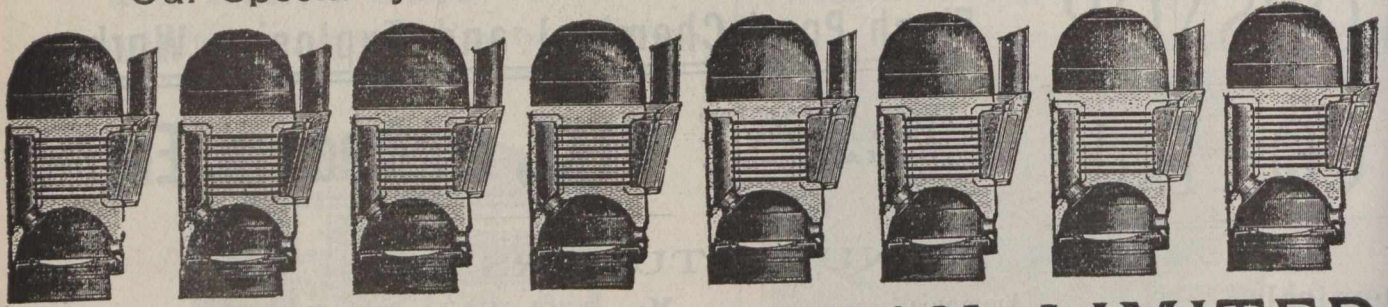
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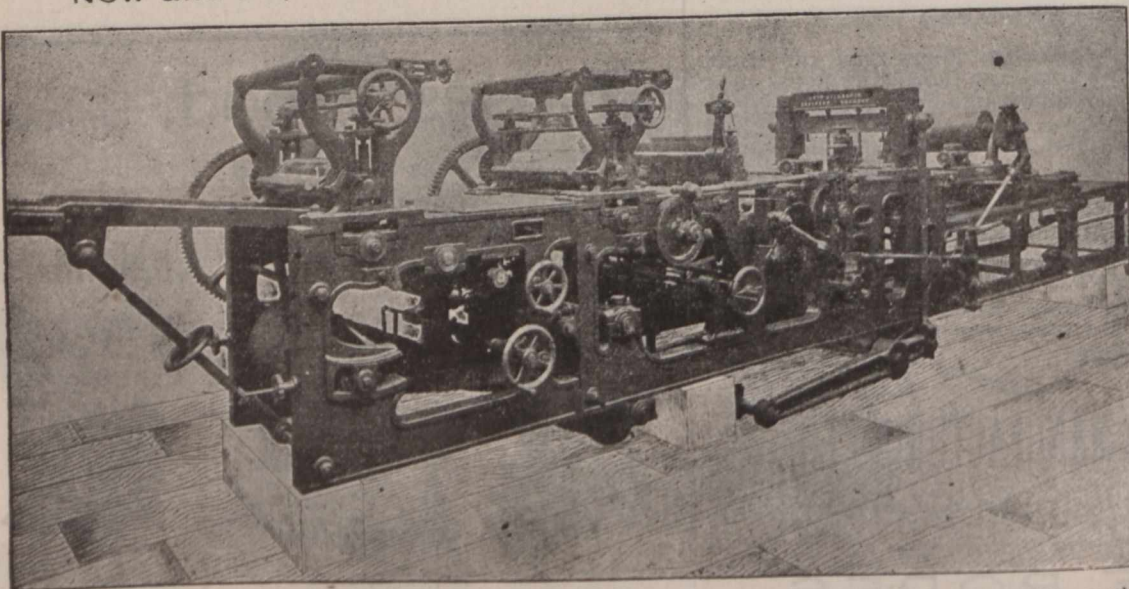
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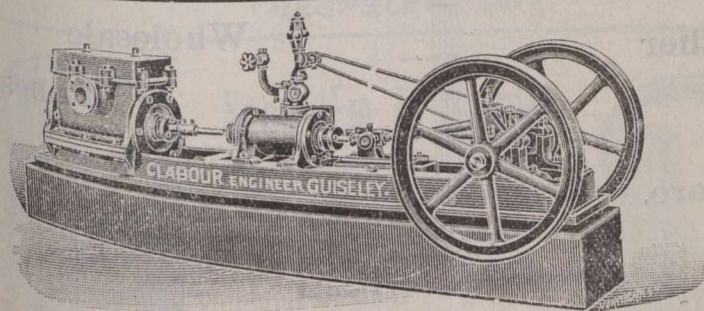
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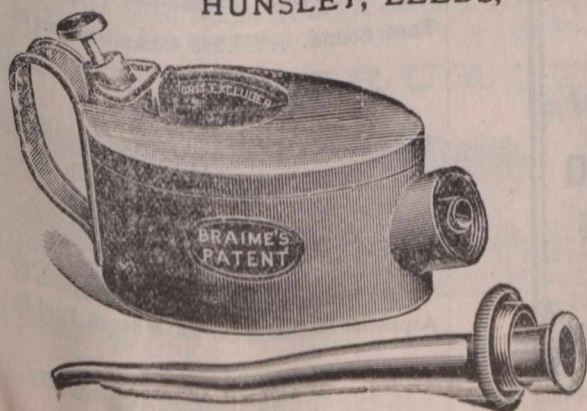
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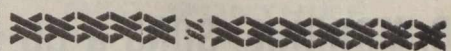
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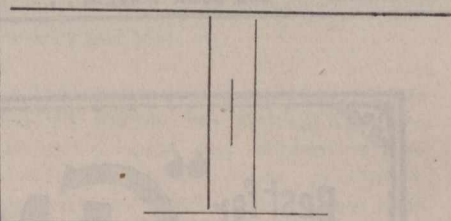
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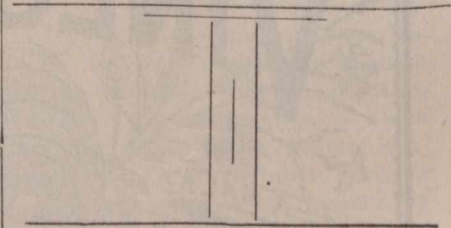
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11 Hermine St. H. N. Tabb, Mgr.

Dry Goods, Wholesale.

W. R. Brock & Co..... 26 St. Helen St
Alphonse Racine & Co. 340 & 342 St. Paul St

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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.

Wholesale Trade only Supplied.

D. MORRICE SONS & CO.,
AGENTS,
Montreal and Toronto.

W. J. JENKINS & Co.,
Belfast, - Ireland,
MANUFACTURERS OF
HANDKERCHIEFS and FANCY LINENS.
Washing Suits and Blouses.

STORAGE
(FREE OR IN BOND)
ALEXANDER GRANT,
CUSTOMS BROKER,
418 to 417 St. Paul Street, Montreal
Bell Telephone Main 1888 P. O. Box 684.

GEO. GONTHIER,
Bell Tel.:—Main 2113, Accountant & Auditor.
SOLE REPRESENTATIVE FOR THE PROVINCE OF
QUEBEC OF
The ACCOUNT, AUDIT & ASSURANCE Co., Ltd.
OF NEW YORK.
11 & 17 Place d'Armes Hill, MONTREAL, QUE.

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 population of the Australian Commonwealth, according to the latest returns, is 3,775,356.

—The Ontario Power Company's plans for the development of 50,000 horse power at Chippewa have been filed at Ottawa.

—The new boat being built at Bertram's ship yards, Toronto, for the Richelieu and Ontario Navigation Co. will be launched in January.

—We learn that contracts have been let and the foundations laid for a beet sugar factory at Warton, Ont., to cost \$350,000. Contracts have also been made with farmers for the production of 4,500 acres of sugar beets.

—A circular received by the shareholders of the North Star Mining Company announces that trouble with the miners on the wage question necessitates the temporary discontinuance of all work on the mines, and the dividend for the third quarter ending November 30, will be reduced to one and one-half per cent.

—Melbourne, Australia, advices state that Mr. Barton, the Federal Premier, will not propose any scheme of preference for English goods in connection with the tariff. He says that such a course would result in Australia being deprived of the most favoured nation treatment by Germany, which would mean a serious loss to the Commonwealth.

—London newspapers comment appreciatively on an article by Capt. Mahan in the National Review dealing with the influence of the South African war on British prestige, in which the writer comes to the general conclusion that Great Britain's prestige has been enhanced in the opinion of foreign Cabinets and dispassionate thinkers, however it may be temporarily sunk in the streets and cafes of foreign towns.

There is always genuine satisfaction in knowing that you will get just what you want when you trust your orders for Printing to us—because we not only make a special study of the requirements of each order, but also give due regard to taste and effect

171 St. James St.....

Journal of Commerce.

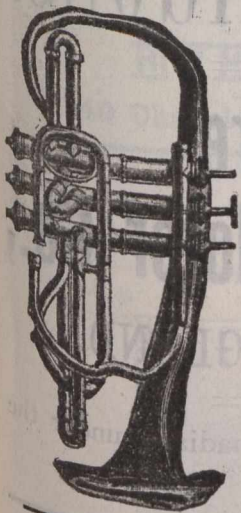
THIS LITTLE TRADE MARK



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.



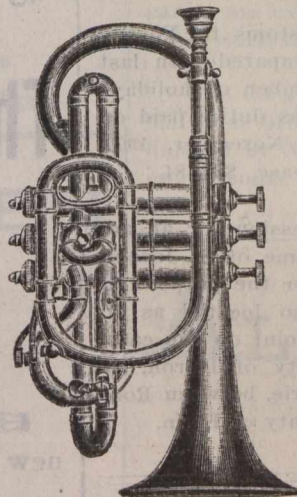
Send 'Em to Douglas

The most complete Repair Factory in Britain; also, the cheapest and most reliable House in the Trade. . . .

H. D. Douglas & Son,
Manufacturers & Contractors
To Her Majesty's Forces.

36 to 42 Brunswick Street,
Glasgow, Scotland.

Established over Half a Century.



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.

Telegrams: "FLEMING, HALIFAX," ENGLAND.

ESTABLISHED OVER 100 YEARS.

FLEMING, BIRKBY & GOODALL, Ltd.,

REGISTERED OFFICES:

West Grove Mill,
HALIFAX, ENGLAND.

BELTING.

STANDARD Oak Tanned Leather Belting
... Superior Hair Belting ...
Sewn Cotton Duck Belting
& C.

FLEMING'S "TEON" BELT, UNRIVALLED FOR WORK IN HEAT
Steam, Damp, Acids and out of Doors.

—The total customs duties collected at the port of Toronto for the month of November was \$399,371.50, compared with \$327,826.50 for the corresponding month of last year; an increase of \$71,545.

—From London it is reported that the Admiralty proposes to remove the cowles and other ventilating apparatus from the decks of warships, experts holding that they retard the speed of the vessels. It is contended that fans between decks will afford sufficient ventilation.

—Russia is introducing a new type of vessel into her navy; a training ship for engineers. The vessel is of 12,000 tons, and has a speed of 10 knots. She will be able to cover 10,000 knots without re-coaling. The order for her construction has been placed at Kiel. She will cost five million marks.

—Officer Armstrong, of the Newcastle hatchery, says a recent Ottawa letter, arrived with a million and a half salmon eggs from the Georgian Bay, which will be placed in the Ottawa hatchery. The parent fish have spawned nearly a month later, due, it is thought, to the stormy weather on the lakes.

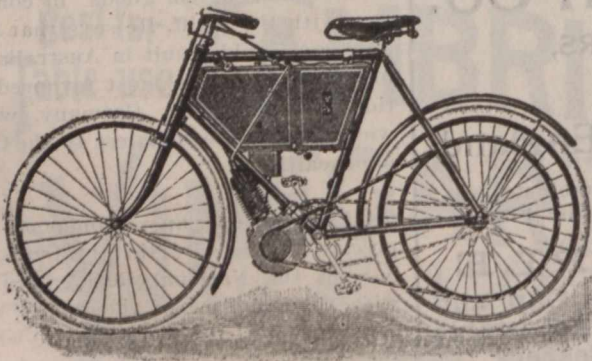
—The collections at the Montreal Customs for November show a decrease over \$10,000 as compared with last November. This is attributed to a number of holidays and also to the fact that there were less duties paid on sugar this year. The receipts were: November, 1900, \$769,383; November, 1901, \$758,598; decrease, \$10,784.

—Application will be made at next session for an act to incorporate a company under the name of St. Joseph and Lake Huron Ship Canal Company for the purpose of constructing and maintaining canals, so located as to have a navigable waterway from some point on the eastern shore of Lake Huron, in the county of Huron, or Lambton, Ont., to some point on Lake Erie, between Rondo Harbour and Port Burwell, in the county of Elgin.

ESTABLISHED 1857.

Telegrams: "PNEUMATIC, Leeds."

Absolutely the finest Motor Cycle made. Simplest to Manipulate. Easiest to Regulate. A perfectly balanced machine, ensuring easy steering and absence of vibration. Can be ridden as an ordinary Free-Wheel Machine.



THE IMPERIAL PRIMO MOTOR BICYCLE,

MANUFACTURED BY THE

LEEDS MOTOR EXPERTS,

WALKER BROS.,

Meanwood Road, LEEDS, Eng.

"PRIMO" WORKS.

Telegrams: "MOTOR, LEYLAND," ENGLAND.

HIGHEST AWARDS.

1st Prize, £100, Royal Agricultural Society of England.

1st Prize, £100, Liverpool Self-Propelled Traffic Association.

Gold Medal, Highest Award,

Liverpool 1900.

Etc., Etc., Etc.

STEAM WAGONS.

The Lancashire Steam Motor Co.,

LEYLAND, ENGLAND.

Special prices to Canadians under the new preferential tariff.

SLADE & Co., Ltd.

THE ROYAL TOFFY WORKS,

LEEDS, ENGLAND.

Manufacturers of the finest

HOME MADE TOFFY.

33 1/3 per cent. in favor of Canadians, under the New Tariff.

VENTILATORS & SMOKE CURES

NEAT, GOOD, CHEAP. IN ZINC. OR ROLLED COPPER. Many References, etc.

ACME Patent Concealed Ridge Ventilator Outlet.

Fig. 8.—Section.

Fig. 9.—As fixed. Side View.

25 YEARS' EXPERIENCE. Tests and comparison invited. Made to any design.

ACME LOUVRES for Walls, Gables, Roofs, etc.

Fig. 4.

ACME Door and Partition Louvre Ventilator.

Fig. 18.

ACME Mechanical Ventilator. SPHERICAL VENTILATORS.

Fig. 23M.

By Electricity, Water, Gas, Steam, Hand or Horse Power.

Wave Proof. Snow Proof. No Goods GENUINE without Any Size or Pattern for the TRADE MARK AFFIXED.

ACME VENTILATING & HEATING CO., LIVERPOOL, ENGLAND.

Telegrams, Keyworth, Liverpool. A. B. C. Code, (4th Edition.)

ACME VENTILATING & HEATING CO., LIVERPOOL, ENGLAND.

“ACME” CHIMNEY COULI, in Sheet Copper and Terra-Cotta. Best in Sheet. Prevents Down-draught. Reduces Consumption of Fuel. One of several “Types of Smoke Cures” we make. Suitable for all Conditions and Situations.

Fig. 24. Ventilation Dry Wall Inlets. Various sizes from 1/8.

WEBSTER'S BLUE-BLACK WRITING INK.

GOLD MEDAL AWARDED 1886.

Name **DIAMINE** Registered

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

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

LEVANT, GRAIN, AND ALL INKS FOR LEATHER.

LIQUID GUM AND OFFICE PASTE.

Manufactured by T. WEBSTER & CO., 9 & 11 HENRY ST., LIVERPOOL, ENG.

Suitable for any Climate. Agents Wanted.

Manganese

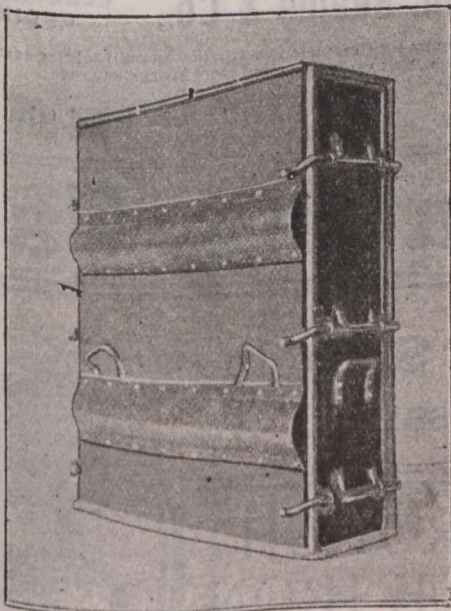
LUMP, FINE and GROUND.

EVERITT & CO.,

40 Chapel Street, Liverpool, England.

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

—Toronto advices state that Mayor Howland had a conference in Ottawa with Hon. J. I. Tarte, and the Minister promised to be in Toronto this week, when a comprehensive plan will be drafted concerning the entire work of harbour improvements. Mr. Tarte has placed the new dredge at the disposal of the city for a short time.

—Traffic Manager Shaw of the Canadian Northern, returned to Winnipeg recently from a business trip to St. Paul, Minn. He reported business lively in railway circles south of the line. “Talk about car shortage in Manitoba,” said Mr. Shaw, “we know nothing of it here, as compared with the congestion in freight traffic in Minnesota and Dakota. Miles of sidings are blocked with loaded cars.”

—Pretoria advices state that a Gold Commission to enquire into the working of the gold law and to report to Governor Lord Milner, has been appointed. The commission is of a representative character. It is understood that several more mines will begin working at an early date. It is learned that about seven gold companies are expected to declare dividends on profits earned since work recommenced.

—The C.P.R. is expediting the completion of the Columbia River bridge, near Roblin, B.C., and expect to have it finished by New Year's. The last span of the bridge requires some finishing touches before trains can cross on

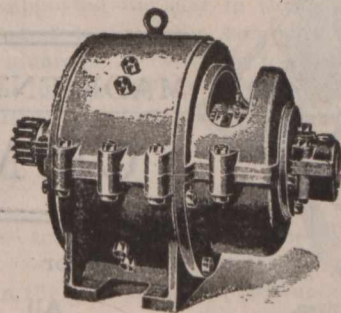
ALFRED SYKES,

ELECTRICAL ENGINEER,

Spring Place Works,

Huddersfield,

ENGLAND.



NOTE—Buy British Dynamos, under the New Canadian Preferential Tariff, 33 1/3 in favour of English Goods.

**Brass Founders, Coppermiths,
Brass Finishers.**

Hartcliffe, Lee & Malkin, Ltd.,

CHAIN MAKERS,

For Driving, Conveying, Elevating, &c.

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

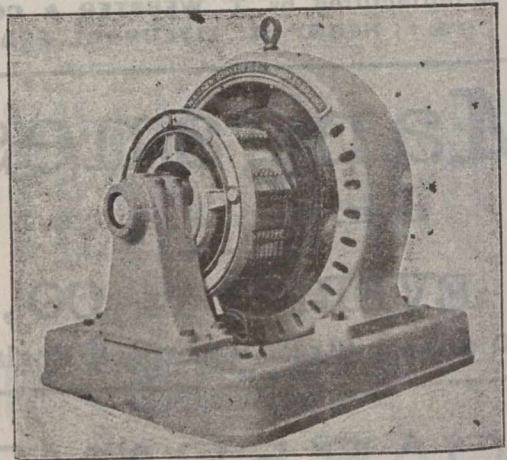
Special quotations under the New Preferential Tariff.

it, after which some weeks will be spent at the deep cut at the west approach. A steam shovel will be put to work night and day, until the work is finished. The company will then run through trains from Nelson to Rossland, and the Boundary country.

—The curator of the estate of J. F. Desmarais, of St. Johns, Que., has issued his final statement of the affairs of the insolvent. He received from sale of stock, book debts, etc., \$1,760. The costs of winding up the estate amounted to \$1,306; taxes and rent., \$353; privileged claims, \$217, leaving a deficit of \$117. In other words, the privileged creditors will only get about 50c in the dollar, while the ordinary creditors will not receive a cent. The liabilities of the estate were over \$13,000, which, of course, are entirely wiped out.

—There was shipped from Ottawa recently the first lot of stockers ever sent to British Columbia. The shipment consisted of some four hundred head of calves and

TELEGRAMS:—"Install,"Middlesbrough.



200 KILOWATT DYNAMO.

**SASH —
WEIGHTS**



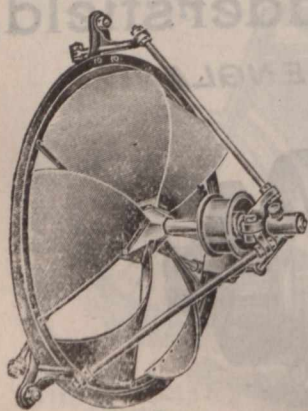
Manufactured for the Canadian Market under the New Tariff, by

C. H. Taylor & Son,
CYCLOPS FOUNDRY.
LEEDS, ENGLAND.

Warren, Beattie & Co., **ELECTRIC POWER ENGINEERS,**
Contractors for Complete Electric Power and Lighting Installations for Mines, Shipyards, Iron and Steel Works, etc., etc.
... MIDDLESBROUGH, England.

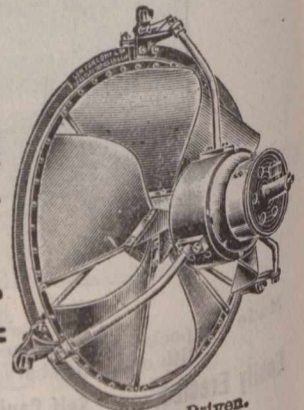
"Sun" Ventilating Fans

Highest Efficiency, Strength and Lightness



Belt Driven.

MADE ENTIRELY OF WROUGHT OR MALLEABLE IRON.



Electrically Driven.

For Ventilating, Drying and All Cooling Purposes

"Sun" Fan Co. Ltd.,

Special prices to Canadians under the New Tariff.

40a Thornton Road, BRADFORD, ENG.

GENERAL BUYING AGENTS WANTED.

'RODGERS' PULLEYS'

(REGISTERED.)

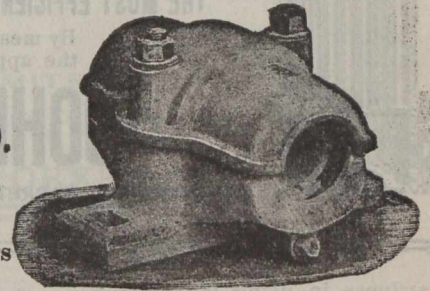
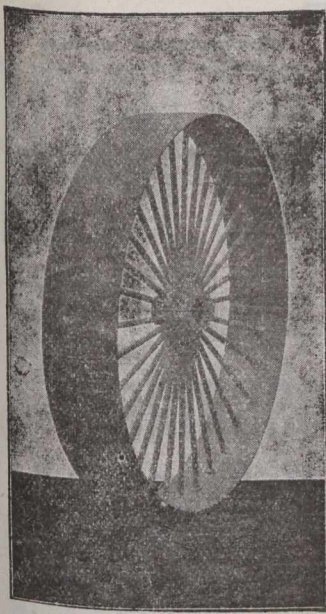
WROUGHT IRON THROUGHOUT:—RIM, ARMS AND BOSS.**THE ONLY PULLEY MADE WITH A WROUGHT IRON BOSS.**

Split or Solid.

All Sizes up to 24 feet Diameter.

140,000 in use.**THE BEST PULLEY IN THE WORLD.**Pamphlets, Drawings and Prices
Forwarded on application.**The "NON-DRIP" Shaft Bearing. (ETCHELL'S PATENT.)****Self Swivelling. Self Lubricating. No Drip Cups Required.****SOLE MAKERS:****HUDSWELL, CLARKE & CO., Ltd.,****RAILWAY FOUNDRY.**

(Telegraphic Address: "LOCO," Leeds.)

LEEDS, ENGLAND.

SEND FOR PRICES.

yearlings of excellent quality. The secretary of the British Columbia Dairymen's Live Stock Breeders' Association, who came east to look after this shipment, was well pleased with the stock. In addition to the above a further lot of 1,000 stockers is now ordered, and will be shipped as soon as they can be collected, provided that they can be secured at reasonable prices.

—The General Superintendent of the Canadian Pacific Railway has addressed a letter to the Mayor of Fort William, Ont., in which he says that the company has made arrangements for the construction of a large cleaning elevator there, with the intention of having it ready for next season's crop. The construction of a large coal dock and coal handling appliances is also in view, plans now being in preparation. The improvements and additions in view in connection with the Fort William terminals to be made this winter and next year will cost in the neighborhood of \$400,000.

—Lumbering operations on the Southwest Miramichi are progressing well, the weather of late being favorable. Operations are not being carried on this season upon as extensive a scale as in former years, men being scarce and wages and prices of supplies high.—Mill owners on the St. John river have operated under great disadvantages this year on account of their logs being hung up by low water. Logs valued at \$248,000 are now hung up above Fredericton, N.B., and will be frozen in the ice. Some may be saved in the spring, but many, it is feared, will go out to sea with the ice.

—Ottawa advices of recent date refer to the presence at the Railway Department of Messrs. B. R. Paine, and W. M. German, when plans were filed of the works proposed to be constructed by the Ontario Power Company at Niagara for the development of 150,000 horse-power. The company will, it is stated, begin operations shortly and will at first install machinery for the development of 50,000 horse-power. They will develop at Chippewa, close to where the Welland River enters the Niagara River, and their works will give a head of 270 feet. They hope to find a market in Canada for the power they can develop.

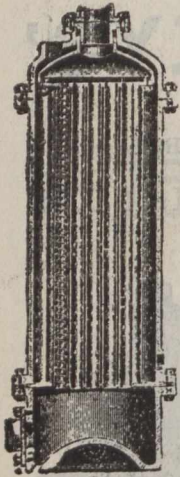
—The Chicago House-Wrecking Company, it is stated, bought the Pan-American Exposition, as it stands, for \$132,000. The same concern had the contract for wrecking the World's Fair and the Chicago Post Office. The

demolition of the Exposition will be begun at once. The company will employ 2,000 men and it is expected that it will require eight or nine months to level the structure. "The material we have purchased cost over \$8,000,000 to put in shape originally," said the secretary of the Wrecking Company. "There are 33,000,000 feet of lumber, in the buildings, 2,000,000 pounds of pipe, 200,000 incandescent lights, 20,000 flagpoles, and 30,000 flags. More than 1,000 freight cars will be needed to bring the material to Chicago."

—The York Council, says a Toronto letter, unanimously adopted, at a recent meeting, a resolution advocating the appointment of a railway commission by the Dominion Parliament. The resolution calls for an independent tribunal to adjust differences arising between the people and the railway companies in regard to discriminations in freight rates, the construction of cattle guards and gates at railway crossings, and to enforce in other respects the provisions of the railway act. A petition to this effect is to be drawn up and presented to the Minister of Railways and to be sent to the clerk of each company in the province, with a request that he ask his company to joint in the petition.

—A settlement was reached some days ago in the Burlington Heights, Ont., bridge case, which was before the Railway Committee of the Privy Council. The bridge was over the London branch of the Grand Trunk Railway at Hamilton. The railway company, we are informed, asked that city of Hamilton pay part of the cost of building the bridge. This the municipality refused, and other municipalities supported the city in this contention. The basis of settlement is that the company pays for the bridge and the municipality will pay for the fixing of the approaches to the bridge. When the case was before the Railway Committee the last time a delegation from Ottawa city was present in support of the contention of the Hamilton people.

—In response to the London Chamber of Commerce's invitation, Mr. Seymour Bell, the commercial agent of Great Britain in the United States, expounded recently his views on American trade competition. He said that what Americans wanted from abroad was daily getting smaller, but that Great Britain was being cut off from even this small portion of the market by France and Germany. Mr. Bell attributed this to Great Britain's back-



The "Airedale" Exhaust Steam

Special prices to Canadians
under the New Tariff.

Green's Patent.

Pressure Feed Water Heater.

WITH SPIRAL DEFLECTORS.

THE MOST EFFICIENT HEATER ON THE MARKET,

WILL PAY FOR ITSELF IN TWELVE MONTHS.

By means of the SPIRAL DEFLECTORS, as fitted to this Heater, the efficiency of the apparatus is doubled, as compared with a similar Heater without Deflectors.

JOHN BARRETT, Eastburn Foundry Crosshills,

Telegrams: "BARRETT," Crosshills.

Engineering Telegraph Code.

KEIGHLEY, England.

wardness in using labour-saving and automatic machinery. Mr. Bell said there was a growing need for tea and Scotch whiskey in the United States. The latter, it was also said, was now being made in New York, and exported in large quantities to South America. The colonies could not be blamed for patronizing America in preference to Great Britain in agricultural machinery.

—At a recent meeting of the Montreal Harbour Commissioners a report of the Harbour Improvement Committee, regarding the erection of the Windmill Point wharf, was read and adopted. This wharf, which is a portion of the regular harbour improvement plan, will be commenced in the spring of 1902. The original estimated cost was placed at \$470,000. This sum, however, included only wooden construction, since, it has been deemed best to estimate on concrete construction. This would entail an additional cost of \$50,000, or a total of about \$520,000. This new work will entail the use of a large amount of timber, cement, sand, etc., and it was resolved to ask at once for bids for the coming year's supplies, the bids to be in by December 17, the same to be tabulated and read at the meeting of the board the following day.

—A Moncton, N.B., paper publishes a schedule prepared by order of the Minister of Railways providing a revised system of pay for all mechanics and workmen in the I.C. R. works at Moncton and different points along the line. The increases, which go into effect on the first day of January, total about \$30,000, along the system and affects some 1,000 men, the great majority of whom are in Moncton. The employees affected are divided into several

classes, viz.: Apprentices, improvers, juniors, seniors and sub-foremen. The rates of pay are in each of the classes named with the exception of sub-foremen, provide for in first, second and third years an increase each year, provided the foreman in charge does not report the employee incompetent. The higher paid men remain much as they are, but increases for lower paid men are annually provided for.

—According to the report of the Secretary of the State Agricultural Department, Kansas this year beat not only her own great record in the production of wheat, but the record of every other State in the Union. In spite of the great drought of last season, her two staples, corn and wheat, only dropped 11 per cent. below the total value of

Established 65 years.

Telegrams: "SUBLIME, Liverpool.

DESSICATED COCOANUT.

• • •

JOHN SHORE & SON, 39 Old Hall St.,

Samples at your disposal.

Terms: Cash against B. Lading.

LIVERPOOL, Eng.

Tel Address, "Abbey," Accrington.

Established over 50 years.

James Walmsley & Sons,

Accrington, Eng.

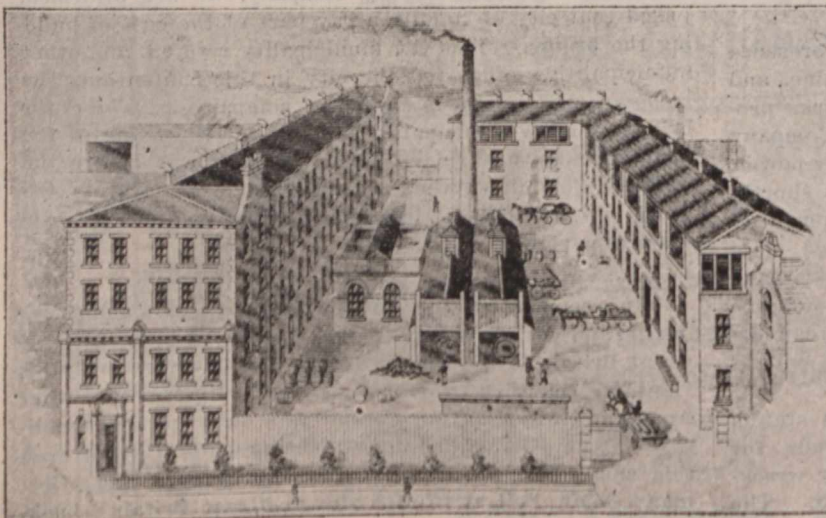
Leather Curriers,
Strapping Manufacturers
and Mill Furnishers.

SPECIALITIES:

SINGLE & DOUBLE BELTING.

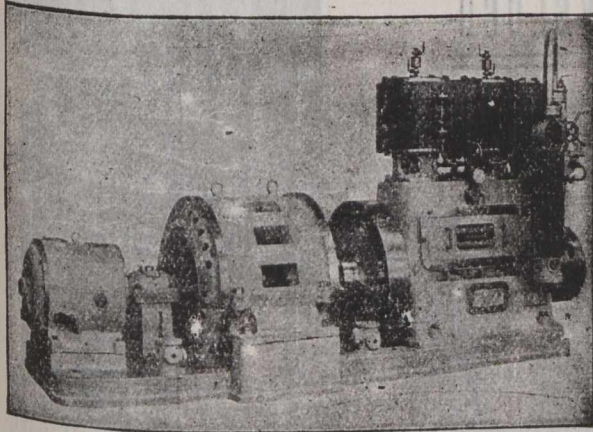
Any Width or Strength, made on our own Improved Principle, whereby Stretching is almost impossible.

Roller Skins, Picking Bands, Green and Oak Tanned; Leather Pickers, Laces, Buffalo Skins, Buffalo Pickers and all other kinds of Leather Goods used in the Spinning and Manufacturing of Cotton, Woolen, Silk or Jute.



Telegrams: "MAGNETO," Bradford.

ROSLING, APPELEBY & FYNN,



LIMITED.

TRAFALGAR WORKS.

Bradford,
Yorkshire, England.

last year. The total yield of wheat is 91,000,000 bushels and its home value is \$51,000,000. This is the greatest wheat yield in the history of this or any other State. There is an average of sixty-one bushels for every inhabitant of the State. The corn yield this year is 42,000,000 bushels and its home value is \$22,000,000. Two counties, Sumner and Barton, this year raised 12,000,000 bushels of wheat, more than was grown last year, according to Government figures, in New England and the States of New Jersey, Delaware, Alabama, Arkansas, Montana and South Carolina combined.

—According to statistics furnished by the Montreal Board of Trade, the amount of grain shipped from the Port of Montreal during the past season shows a decrease of 7,094,391 tons, compared with the previous season. The largest decrease was in corn. Following shows the total shipments:

	1901.	1900.
Wheat	13,594,603	10,408,501
Corn	4,059,790	11,168,489
Peas	719,520	1,637,970
Oats	2,453,949	4,931,454
Barley	636,752	996,250
Rye	769,298	509,655
Buckwheat	89,445	306,171
Flaxseed	669,094	125,892
Total	22,992,991	30,087,383

—Glucose honey, under the attractive guise of "pure clover honey," has, it is stated, been invading the Chicago markets to such an extent that the efforts of the State pure food inspectors are largely directed toward investigations of this imposition. One entire car load of honey, consigned from California, was barred from the markets recently, except as a plainly labelled adulteration. The analyses of the honey composing the consignment, showed that it contained from 50 to 60 per cent. of glucose, and as "pure honey," the stuff was condemned. The consignee had the choice of selling it as a glucose mixture or of sending it back, and he chose the latter course, and at the same time cancelling large orders which would have brought other large quantities of the glucose honey to Chicago. Unlike many of the adulterations which flood the market, glucose honey is not regarded as an injurious mixture, and the pure food commissioners affirm that the imposition on the purchaser is one which injures his pocketbook, not his health. It is worth about one-fifth as much as real honey.

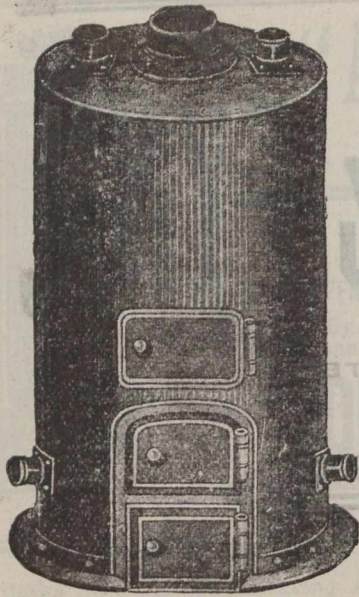
—Life Pointers from the Press.—So you are "thinking

of insuring your life." Stop it. Your "thoughts" are not payable in cash. A good life policy is. Get one, and get now.—Abraham Lincoln is reputed to have said: "I don't think much of a man not wiser to-day than he was yesterday." Are you one of that sort? "Get wise" at once, and get insured.—Clipping from a printed sermon: "There are too many who feel they would be safe if they could only make sure of dying on Sunday." It matters little what day of the week you may die on if you leave your family protected by life insurance. But it may prove a sorry one for them, whatever day it occurs, if they are left otherwise.—Your family will have occasion for a hearty Thanksgiving if they know you are insured for their benefit. And the bird will be more appetizing for yourself.—When in doubt, get a life insurance policy and keep the premiums paid. Your "folks at home" will then be in no doubt, as to their physical future when you have passed over the Great Divide.—The family man who can be insured, but will not, is more than thoroughly selfish. "A man's outlook will depend very much on whether he is looking out for himself alone."—Be thankful if you are insured. Your wife will not be if you neglect it.

—Referring to the price of asphalt and its subjection in that regard to competition, the Toronto Globe says: The beneficial influence of competition is illustrated by the asphalt controversy, with which this season of work opened in the city works department. The price paid for asphalt apart from the concrete foundations of a pavement is not easily available, but as nearly as the roads branch of the works department can reckon it the prices paid last year were for heavy Pitch Lake asphalt, \$2.75 per square yard, and for light, \$1.94. During the period of competition this year the prices ranged \$2.50 and \$1.85. The prices of land asphalt were: Heavy, \$2.07½, and light, \$1.85. Since the competition ceased the prices paid the Pitch Lake contractors have been, for heavy \$2.65 and for light \$2.15. From the following table of prices for Pitch Lake asphalt since 1895 secured from the works department it is evident there has been a persistent tendency to increase:

	Heavy.	Light.
1895	\$2.50	\$1.82½
1896	2.35	1.85
1897	2.47	2.12½
1898	2.71	2.06½
1899	2.70	1.90½
1900	2.75	2.25

—Something of greater moment than the continuance of the duty on Canadian wheat is just now bothering the people of Germany. A Berlin dispatch states that Count



BINNS & SPEIGHT,

Telegrams :
"WELDING."

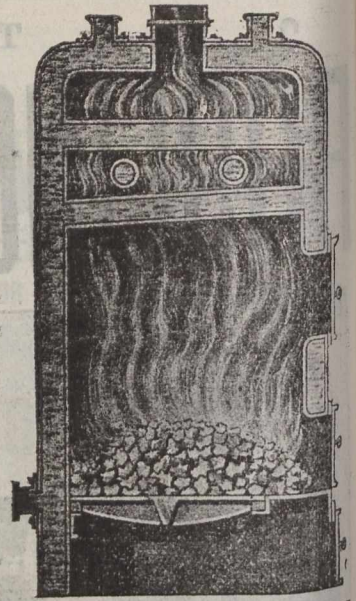
==== Limited.

WROUGHT IRON WELDED

HEATING BOILERS..

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Canadians under
the new Cana-
dian Tariff.

BRADFORD, ENG.



Von Buelow, the Imperial Chancellor, in introducing the greatest parliamentary struggle that Germany has ever faced, the German tariff debate, counselled the members of the Reichstag to moderation of language, declaring that the eyes of the world were upon them. "Although this is Germany's affair," said Count Von Buelow, "it is necessary to maintain a resolute front to the other nations of the world. This bill is the most important which has been before the House for a long time; but it does not imply any deviation from the policy to treaty of commerce," said the Imperial Chancellor. "On the contrary, the federal governments are firmly resolved to pursue a policy with commercial treaties in future, in the interests of German industry, while, of course, upholding the just rights of Germany. The Emperor has approved the bill, which is the result of several years' comprehensive, careful labors. The measure also is intended to furnish a better weapon for future commercial treaty negotiations with other states." Dr. Von Thielmann, secretary of the Imperial Treasury, said that in spite of higher duties on cereals, the Government hoped to come to an understanding with the United States. Opposition to the measure is more powerful outside than inside the German Parliament. While the Government is aware of and feels this opposition it also recognizes and sees that the present period of industrial calamity in Germany is an inopportune time to press a measure raising the cost of food. The Government is so pledged to the Agrarian party, so completely committed to the measure that it feels it cannot recede therefrom or postpone its consideration. It is believed Germany is about to enter upon as intense a period of political disturbance as existed in Great Britain during the Corn Law agitation.

A medium of exchange, which, it is alleged, may be a contravention of the Banking Act, will likely be sifted in Western Ontario. A Toronto letter of recent date states that bankers of that city have devoted considerable attention to the report from Penetang and Midland that part of an issue of private tokens by big firms there to the employees had entered general circulation. The matter according to the bankers is a serious one, if the tokens have been passed over the counters of other than the companies' own stores. It is believed that the matter is covered by the currency and banking laws, if not by the Criminal Code. "The issuing of tokens by private firms is a serious matter," said a prominent banker. "In 1837 it precipitated a financial crisis in Canada and the matter was forbidden by law. Hundreds of firms issued these tokens and they were accepted in good faith by customers. Then the firms failed and those who held their shin-plasters or other tokens lost their money. The same thing occurred in the States during and after the civil war and the results were the same. This matter of Penetang depends almost altogether upon the intention of the firms when they issued the orders. They say that the tokens are merely orders on their own stores, but if their employees regard them in the light of

money and pass them over the counters of other stores, the proprietor of which regards them in the light of an equivalent for cash, it becomes a matter to be dealt with by the authorities. If the tokens are inscribed with certain denominations then the matter comes under the law passed after the trouble in 1837. The matter is one for the Banking Association to deal with, said another manager of a Toronto bank, while a third said that such a thing would not bother his bank for their branches in Midland and Penetang would refuse to accept them as of any value. If the merchants accepted them they did so at their own risk.

—Casualty Insurance Decisions.—Provisions as to the time in which the notice is required to be given of a loss or injury for which indemnity is claimed are not necessarily and in every instance to be literally complied with, in order to prevent a forfeiture of the policy. *Woodmen's Acc. Ass'n vs. Byers*, 87 N. W. Rep. (Neb.) 546.—Forfeitures are not favored, and in contracts of insurance a construction resulting in a loss of the indemnity for which the insured has contracted will not be adopted, except to give effect to the obvious intention of the parties. *Insurance Co. vs. Holcombe*, 78 N. W. Rep. 300.—Where a person suffered a fall by accident, resulting in a concussion of the brain, which deranged and crazed his mind so that he could not intelligently give the notice and required information regarding the accident, and injury within the time stipulated, this fact excuses him in law, from compliance with the conditions of the policy in that regard during the time of the existence of the disability. *Woodmen's Acc. Ass'n vs. Byers*, 87 N. W. Rep. (Neb.) 546.—When a time is fixed in a policy of accident insurance for the giving of the notice of an accident and injury resulting therefrom for which indemnity is claimed, with the particulars thereof, which is reasonable in its character, this will ordinarily be regarded as a condition precedent to be complied with before a recovery can be had. But when, because of circumstances or conditions surrounding the transaction, obstacles or causes exist preventing and rendering impossible the performance of the act within the time stipulated, the act may be performed thereafter, and the beneficiary will be excused for the failure, if done within a reasonable time, or within the time stipulated after the obstacle or cause preventing prior compliance ceases to exist; the question of the sufficiency of the excuse offered, and the reasonableness of the time in which the act is performed, to be determined according to the nature of and circumstances of each individual case; the beneficiary in all cases being required to act with diligence, and without laches on his part. *Woodmen's Acc. Ass'n vs. Byers*, 87 N. W. Rep. (Neb.) 546.

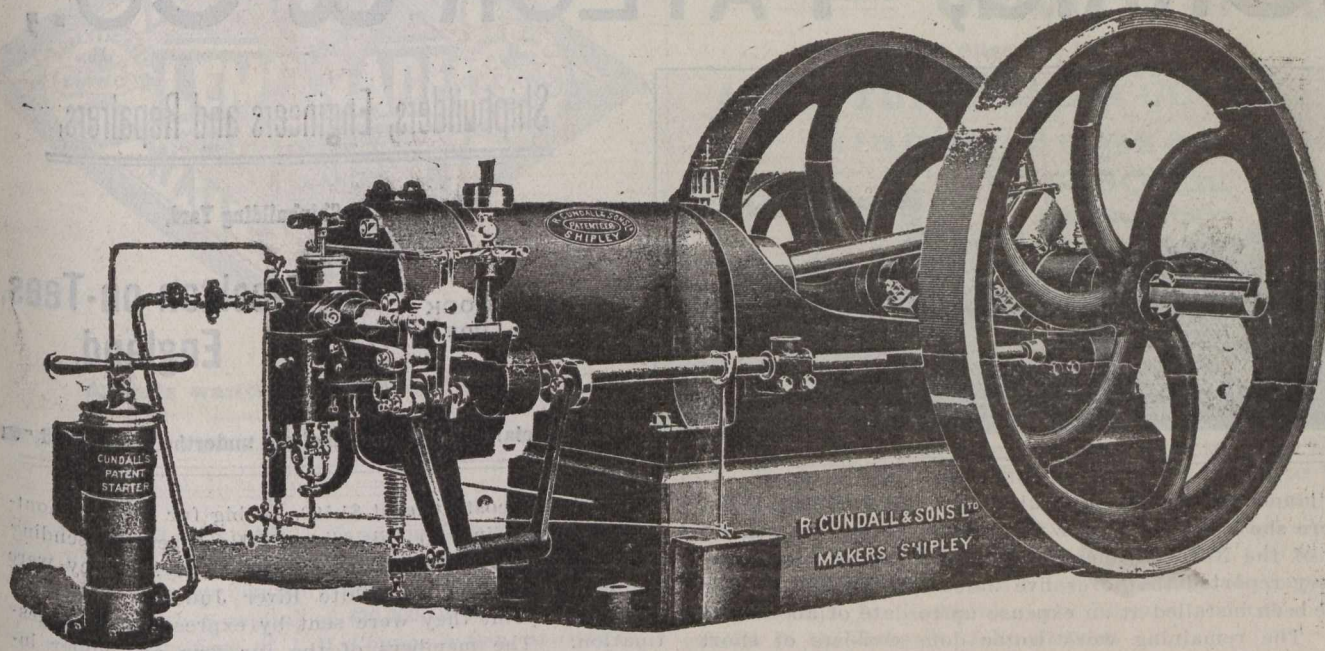
—Life Insurance Decisions.—Where an insurance company assumed all the liabilities and contracts of another company, and issued an invitation to all the members of the latter company to exchange policies for those of the

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re-insuring company, and it was shown that the reinsurer issued ten different kind of policies at different rates, a surrender of a certificate of the original insurer, with a request for a policy in the reinsurer, does not constitute a contract for insurance. *Cotton vs. Southwestern Mut. Life Ass'n.*, 87 N. W. Rep. (Iowa) 675.—A paid-up policy for \$1,628 was assigned for \$300 by the holder's administrator to the wife of a client of the office occupied by the administrator and his attorney. A witness testified that if the company should purchase the policy, they would pay about \$650 for it. A disinterested witness (an insurance agent) testified that the fair cash value of the policy was \$300. The company purchased its policies only on exceptional occasions. Held, that a finding that the assignment was in good faith and for a valuable consideration was proper. *Morsehauser vs. Pierce*, 72 N. Y. Supp. 328.—Where a medical examiner for a life insurance company falsely and fraudulently wrote different answers than those given by the assured to questions concerning his physical condition, etc., which false answers would have been a prima facie defence to an action on the policy difficult to meet after the death of assured, he was entitled to repudiate the contract and recover premiums paid. It appearing that plaintiff reposed great confidence in the medical examiner, he was not guilty of laches in not discovering the fraud until two years after the policy was issued. *Bennett et ux. vs. Massachusetts Mut. Life Ins. Co.*, 64 S. W. Rep. (Tenn.) 758.

—Reports were presented at the fall meeting of the Board of Control of the fruit experiment stations of Ontario, held in Toronto recently. Principal James Mills of Guelph presided, and Mr. L. Woolverton, Grimsby, acted as secretary, the other members present being: Mr. H. L. Hutt, professor of horticulture at the Agricultural College; A. M. Smith, St. Catharines; W. M. Orr, Fruitland, and Wellington Boulter, Picton. The reports received from the various testing stations went to prove that the fruit-yielding zone of the province extended considerably farther north than is generally supposed. Many of our

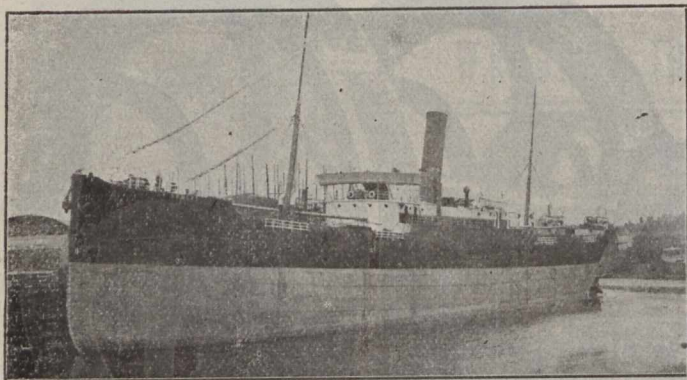
best varieties of apples may be grown successfully on St. Joseph's Island, in the vicinity of Sault Ste. Marie, one of the testing stations; while several varieties of peaches have been found to succeed along the southeast shore of the Georgian Bay, the fruit ripening and the tree withstanding the winter climate. This will mean an important element, at least in the production of fruit for home use. A collection of varieties of fruit trees have been forwarded to the pioneer farm at Dryden, in the Rainy River District, for testing purposes. The secretary, Mr. Woolverton, presented his reports on the nature, history, etc., of some twenty varieties of fruits from information gathered during the year. The statements were illustrated by splendid photographs. A resolution was passed urging that Mr. Woolverton be enabled to devote more time to this important work, as it is intended, ultimately, to collect the reports thus submitted in sections, and bind them in one volume, which will form an important contribution to the available knowledge of Ontario horticulture. Testing stations are now located in all the important belts in Ontario, the plan being to utilize existing orchards, adding new varieties as they are brought out. The work is carried on at an expense of only \$2,600 a year.

—Nova Scotia Notes.—There was launched from the shipyard of Naugler & Weagle, at Conqueral Bank, recently a topsail schooner of 129 tons, named the J. N. Wylde. She is said to be the finest vessel of her size ever built on the La Have. Her dimensions are as follows: 90 feet keel, 27 feet beam, 11 feet hold, 127 feet over all on deck, with a 25 foot poop, 4 feet deep. She is built of the best material, planked with hardwood, all iron work, galvanized copper fastened and iron keel. She was built under inspection, and is classed for twelve years in the American Record. She is intended for the West India trade.—A barquentine of nearly six hundred tons, called the Res-sie, was launched at Maitland from the shipyard of Jos. Monteith. The vessel was built for A. Putnam, of Halifax, and was coppered on the stocks, Immediately after

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the launching she left under her own sail for Bear River, where she will load timber for Buenos Ayres.—At a meeting of the North Sydney Board of Works, the town engineer reported that over five miles of sewerage system have been installed at an expense up to date of about \$50,000. The remaining work to be done consists of short sections. The engineer at the waterworks reported that this season \$10,000 had been expended in laying in the water service on new streets. Over 260 new connections have been made, and the revenue from the water service has been increased by \$1,300 annually.—The schooner Lord of Avon has been launched from the yard of J. B. North & Sons, Hantsport. The vessel is a three-masted schooner of about 330 tons register, and is 137 feet long, 32 beam and 12 hold, coppered and well built throughout.—The steamship Eva has loaded a second cargo of coal at Sydney for Bergen, Norway.

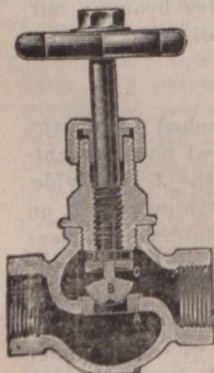
—Detectives from the Treasury Department of the United States Government believe, says a Cleveland dispatch, they have unearthed one of the most extensive smuggling schemes in the history of the country. They estimate that \$100,000 of furs have been smuggled into the U.S. from Canada, and of this quantity about \$25,000 worth have been confiscated by the Government from some of the most fashionable people of northern Ohio. Collector of Customs Charles F. Leach and his deputies have charge of the work of confiscation. The victims live in Youngstown, Canton, Massillon, Cleveland, and several other northern Ohio towns. One lot recovered at

Youngstown, cost at least \$1,500. A big fur firm in Montreal is, according to this dispatch, accused of sending goods into the U. S. and avoiding the duty. They were shipped, it is said, to White River Junction, Vermont. From this point they were sent by express to their destination. The members of the fur firm are under indictment in Vermont, charged with smuggling. Collector Leach stated the discovery prevented the smuggling of some \$40,000 worth of furs that were just ready to be shipped.—A Newport, Vt., letter states that the United States officials and treasury agents have long been aware that the Government was being defrauded through shipments of furs from Montreal. The railways entering New York and Vermont from Canada have been closely watched. Within two months the Burlington officials have made six big seizures at Albergh and Swanton.

—A company, to be known as the Franco-Canadian Navigation Company, Limited, with a capitalization of \$1,000,000, has been granted Provincial incorporation, to carry on a general steamship and forwarding business. Among those interested are: Hon. Robt. Mackay and Hon. A. A. Thibaudeau, G. E. Drummond, W. E. Blumhart, Hy. Miles, L. E. Geoffrion, all of Montreal; Hon. Lyman Melvin-Jones, Toronto; E. V. Douglas, Philadelphia; J. B. Booth, Ottawa. — The Obonabee Power Company, Limited, has been incorporated, with a capital of \$200,000, to take over the business of the present company at Peterboro', Ont. The provisional directors are: W. G. Ferguson, A. Hall, W. T. Hall, G. L. Hay, and John A. Bennett. —The Canadian Beet-sugar Company, incorporated under the laws of the State of New Jersey, authorized to do

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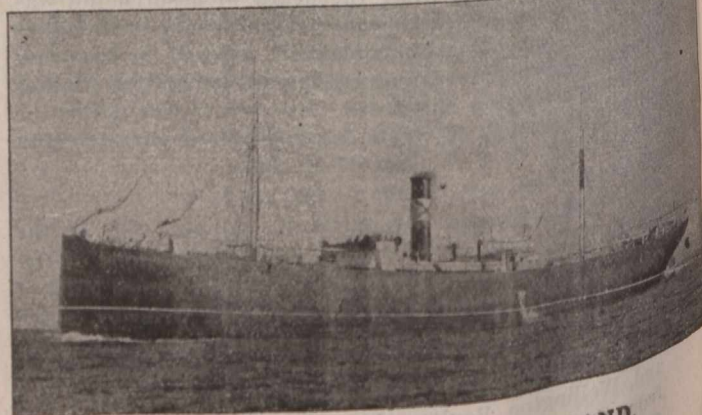
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business in Ontario, with a capitalization of \$600,000.—Adam Haufman, of Baden, lumber merchant, is appointed attorney for the company.—The J. H. Connor & Son Co., Limited, with a capital of \$30,000, is incorporated to take over the business of J. H. Connor & Son, at Ottawa.—The Hurlburt, Mills & York, Limited, with a capital of \$40,000, is incorporated to take over the sewing machine business at present being conducted by the company at Ottawa.

—Toronto advices of recent date refer to the presence there of Premier Roblin of Manitoba, accompanied by Attorney-General Campbell, Minister of Public Works Rogers, and Treasurer Davidson, to consult with the Manitoba Government's counsel in regard to matters arising out of the railway legislation of last session. When interviewed Mr. Roblin said he and his colleagues were in town to settle the terms of the Canadian Northern Railway mortgage to the province. A complete agreement was expected on all points and nothing would remain but the handing over to the company of the guaranteed bonds, which would be done as soon as the Rainy River section of the line was finished. There was absolutely no doubt that the contract and mortgage assured the Government control of rates. It was believed that the Government would be in a position to present the people in Manitoba with the New Year's gift in the shape of reduced freight rates. In regard to the Privy Council's judgment on the prohibitory law, the Premier said the matter had not yet been considered by the Government their attention having been fully occupied by the railway negotiations. The judgment was not unexpected, and therefore, there was no need of a special session of the Legislature to consider it.

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—A contract has been signed at Quebec for the construction of a new wharf at St. Nicholas, which is to cost \$15,000. The same contractors are erecting five new buildings for the Canadian Electric Company at Chaudiere Falls, which company is about laying a cable under the river at Quebec to bring its electric power into the city.—Work in the various lumber camps promises to be exceedingly brisk this winter, and several squads of trained workmen are leaving for the woods. A few days since a special train left Chicoutimi with upwards of two hundred men, eighty horses and a large quantity of camping paraphernalia, for Kiskisink, Lake Edward, and other localities in the Lake St. John district.

—Collingwood, Ont., according to Mayor Silver, has a population of 7,000, and everything is on the boom. Engineers are surveying the proposed Collingwood-Toronto railway, which will be the shortest haul between the upper lakes and Lake Ontario. Connecting lines of steamers both at Collingwood and Toronto will be established. The Collingwood shipbuilding industry is very active. At present the Huronic, a fine steel boat, 350 feet long, is being built at a cost of \$300,000, and it has a second 530 feet in length, under way. This concern will soon add boiler and engine works to its establishment, giving employment to from two to three hundred men, in addition to those at present at work.

—A Toronto letter states that a special train from Manitoba arrived in that city recently with about 450 farmers from the west who went up for the harvest. Another contingent will return before Christmas, but it is thought that most of those still left of the thousands who went with the rush for the harvest season will remain in Manitoba and the Northwest provinces for the winter, many with the idea of taking up land. There is considerable railway work available in the west this winter, in some districts, it being difficult to get all the men required.

—The Departmental Committee of the Local Government Board, London, Eng., appointed in 1899 to investi-



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gate food preservatives and coloring matters, reports that it is common knowledge that the food-producing capabilities of this country do not suffice for the needs of the population. A total prohibition of preserving methods is likely to be attended with serious results to the public health. The committee recommends that mixtures of boric acid and borax not exceeding 0.5 per cent. be permitted in butter and a certain class of imitation butter.

—A well known Halifax steamship man, in a recent letter, opposes the attempt to establish a 20-knot steamship service between Canada and Great Britain and the route proposed between the west coast of Ireland and Nova Scotia. What Canada requires, he thinks, is a first-class service with boats equal, if not better, than those now running out of New York. The writer says he is willing to invest a large amount in such a "fast line." He gives Milford Haven the preference of ports on the other side, as being a safe port and nearest to Sydney and Halifax.

—A late London cable says: The Privy Council has granted the Imperial Bank leave to appeal from the judgment of Canadian courts in favor of the Bank of Hamilton in the suit over Carl Bauer's \$5 cheque on the Bank of Hamilton, which, after that bank had marked it "good," he raised to \$500 and deposited it with the Imperial Bank; the next day withdrawing \$495. After the bank had honored the cheque the forgery trick was discovered, and three courts have given that bank judgment against the Imperial for \$495 and costs.

—The total output of creameries in the North-West Territories last season was 672,432 pounds, an increase of 44,248 pounds as compared with the year previous when the quantity was 628,184. About one-third of the total output was shipped to the British market, where it is reported to have arrived in first-class condition. The largest output appears to have been from the Churchbridge Creamery, where the quantity of butter manufactured rose from 31,674 pounds in 1899 to 65,325 pounds in 1900 and 121,419 pounds this year.

—A London letter states that Mr. Harry De Windt, writing from the Royal Geographical Society, has a letter on the proposed railway from Paris to New York. He points out that the project is not a new one. Russian authorities have been considering it for more than a year past, and he himself is proceeding next month with an expedition from Paris to New York by land to ascertain whether the plan is feasible. He says the crossing of Bering Straits presents no greater difficulties than the tunnelling of the Straits of Dover.

—London advices state that at a recent session of the annual conference of the National Union of Conservative Associations at Wolverhampton a delegate wanted the meeting to adopt a resolution calling on the Government to impose a protective duty on corn, but this scaled down to a demand, in effect, that for the better security of the nation Parliament should devise measures for the preservation and continuance of the food supply in time of war.

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—The Toronto Cattle Market receipts for the past month show a big increase over the receipts in November, 1900. The receipts for the 11 months just ended as compared with the corresponding period last year were:

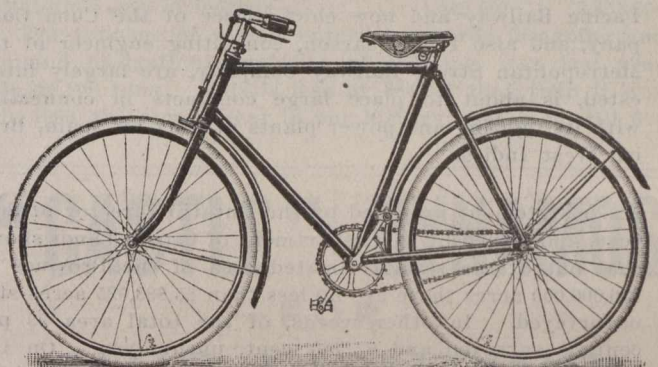
	1900.	1901.
Cattle	125,754	163,391
Sheep	110,374	128,861
Hogs	179,571	141,488
Calves	6,067	7,879

—Officials of the White Pass Railway were in Ottawa recently to interview the Deputy Minister of Railways on the subject of the rates charged by the railway, to which the sanction of the Governor-in-Council is asked. These rates are abnormally high, and the department has instructed the company that a considerable cut must be made on them. The two officials undertook to present a new tariff shortly.

—The Canadian Pacific Railway's Telegraphs has been informed of the successful laying of the fourth cable of

the Commercial Cable Company across the Atlantic. This cable takes a different route to the others, being laid from Canso, N.S., via the Azores Islands to Waterville, Ireland. All the cables are worked on the duplex system, thus doubling their capacity. The company has now in operation 13,000 miles of Atlantic cable.

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As Supplied to His Majesty's Government.

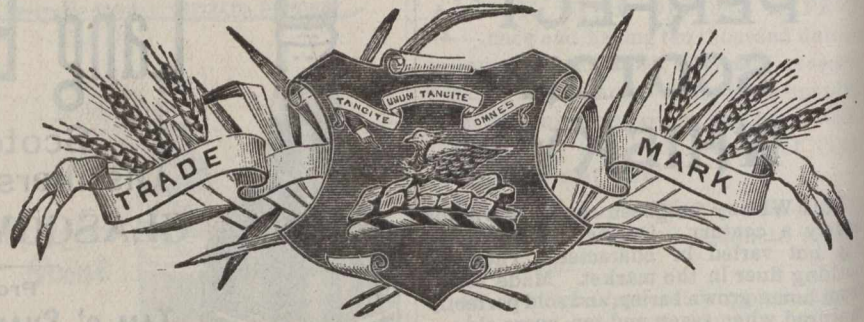


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SCOTLAND.

—Paris advices state that in an interview, M. Goubet, inventor of the submarine boat bearing his name, said that a syndicate was being formed to establish a submarine line between Calais and Dover. It would run 45 feet below the surface of the channel, and the submarine boats would be 90 feet long and would carry 200 passengers. He expects that the passage will be made in from 20 to 30 minutes.

—The Trinidad Electric Company, Limited, in which Sir William Van Horne, formerly president of the Canadian Pacific Railway and now chief officer of the Cuba Company, and also F. S. Pearson, consulting engineer of the Metropolitan Street Railway Company, are largely interested, is about to place large contracts in connection with its lighting and power plants at Port au Spain, British West Indies.

—A statement prepared by the Ontario Director of Surveys, and issued by the Department of Crown Lands shows that out of the total estimated area of the Province of 126,000,000 acres there are no less than 85,883,925 acres still unsurveyed. In other words, of the total area 33 per cent. is surveyed and 67 per cent. unsurveyed. On December 31, 1894, the area of surveyed land was 38,390,292 acres. This has been increased by the following surveys to 40,116,075 acres: New townships, 1,391,042 acres; mining lands, patented, 114,962 acres; mining lands, leased, 219,779 acres. On December 31 1894, 21,640,192 acres had been sold or disposed of. Since then, to the end of 1900, 608,232 acres have been located and 615,154 acres sold and leased, so that 22,863,578 acres, or 17 per cent. of the whole, have now been disposed of. This leaves 103,136,422 acres, or 83 per cent., still undisposed of, and in the possession of the Crown, of which 17,252,497 acres are surveyed.

—Confirmation by the Dominion Government of the sale

of the Niagara Falls, Wesley Park & Clifton Tramway to the Niagara, St. Catharines & Toronto Railway is being asked at Ottawa. The application is a pure formality, as the deal was put through over a year ago, and ratified by the shareholders at that time. The two roads have been operated under one management since then. Negotiations are now under way for the acquisition by the N., St. C. & T. R. of the Port Dalhousie, St. Catharines & Thorold Electric Railway. The latter has the reputation of being the oldest electric railway in America, having been operated as a trolley line for over fifteen years. Its original route lay from Thorold to St. Catharines, but it was extended to Port Dalhousie a few months ago. The possession of this line will give the N., St. C. & T. R. control of all the electric railways in the Niagara peninsula, with the exception of the Niagara Falls Park & River Railway. The latter road is a part of the system of the International Traction Co. of Buffalo.

—The Postmaster-General at Washington has informed the postmaster at Burlington and Alburgh and East Alburgh, Vermont, to note all packages mailed at their offices and suspected of being liable to customs' duties and to furnish the addresses on such packages to the customs' offices at the Canadian line, for the use of customs' officers nearest to the respective places of address. This action is designed to stop as far as possible a recently discovered unique scheme of smuggling fur goods across the border. Furriers in Montreal, it is claimed in Washington, have been shipping goods to persons living close to the boundaries and these have put the goods in carriages and driven across into Vermont, where they have mailed the packages. The Treasury Department wants the postmasters to hold up all such packages, but the post office department deemed this impractical. Customs' offices in a city where a package is addressed, will, however, be advised in time to inspect the suspected articles before delivery.

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Manufacturers to
Her Majesty the Queen
* and *
H.R.H. the Prince of Wales.

—Toronto's chief constable presented recently the returns of the census taken by the police force. The returns show that on the night of November 10, 221,583 persons slept in Toronto. The police census carried out the contention that the Government census, taken months ago, did not fairly represent the population of the city. The Government census placed the population at 208,501. In the Government census only those claiming Toronto as their home was taken. The police census took all in the city on the night in question. The presence of a large number of students in the city, drawn thither by the opening of the college year, partly accounts for the large population shown by the police returns. The selection of the night of Sunday, November 10, was not a particularly fortunate one. Holiday rates on the railways, on account of the King's Birthday, certainly attracted part of the city's population away. Nevertheless, the census shows a satisfactory increase.

—The leading features of Canada's foreign trade for the last fiscal year have already been published. A volume showing the trade and navigation of the country contains, however, some details not hitherto mentioned. Taking a few of the chief lines of export and comparing them with the previous year they show as follows:

	1900.	1901.
Cheese	h. \$20,483,981	\$21,123,251
Minerals	24,779,338	40,531,314
Meats	13,648,428	13,651,062
Lumber	25,059,344	24,969,173
Grain	27,795,181	27,447,691
Fish	10,620,146	10,655,808

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"Extra" Brand.

The J. C. McLaren Belting Co.
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MONTREAL, TORONTO, VANCOUVER.

Butter	5,429,563	3,355,197
Cattle	8,704,463	8,789,687
Flour, meal	3,293,059	4,531,719
Hay	1,414,119	2,097,901
Agricultural machinery	1,693,581	1,749,565
Clothing and garments	190,372	664,111
Cottons	429,564	581,732
Iron and steel manufactures	1,743,218	1,797,409
Manufactures of leather	1,889,507	2,453,204

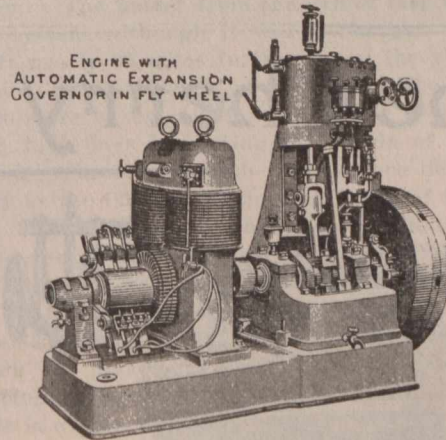
The tonnage of vessels entering inwards (seagoing and inland navigation) exclusive of coasting, was last year 26,029,808 tons. This is less by 884,287 tons than it was in 1900, the record year in our history; but it is still five

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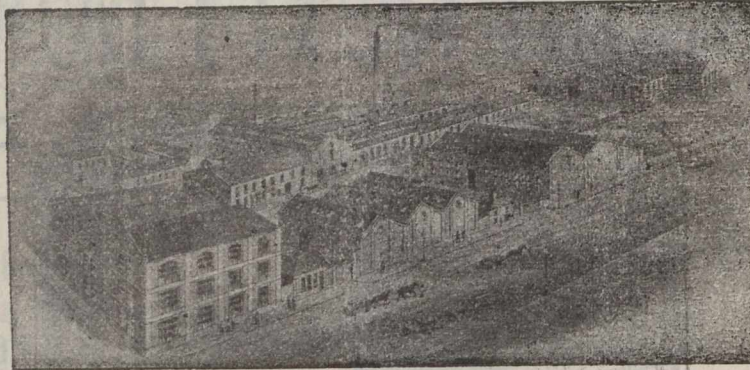
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million tons greater than it was five years ago. Our tonnage of vessels engaged in the coasting trade entered inwards and outwards was last year 34,444,796 tons, which is considerably the largest Canada has ever known. It is 813,000 tons greater than for 1900, and seven millions greater than it was five years ago.

—The monthly returns of the C.P.R. land department for November, 1901, show a record in farm sales. In November, 1900, 22,408.68 acres were disposed of, as against 151,922.89 for the same period this year. In November, 1900, the amount collected was \$69,627.27, against \$512,862.94 for the same period this year. This shows an increase of 129,514.21 acres sold at an amount exceeding that of last year's November sales by \$443,235.67. Over November, 1899, the increase in the sales for the same period this year amounts to 109,289.33 acres; the difference in the amount realized being an increase of \$372,571.55. These returns show a steady advance in the sales of the department for the past two years. October, 1901, was a record month in the history of the department, but November sales exceed those of October by 1,349.93 acres.

—An Ottawa letter reports that Mr. W. D. Scott, who is now engaged in transferring part of the Canadian exhibits at lasgow, to the rooms engaged by the Imperial Institute near the Royal Exchange, London, will come to Canada shortly to consult with the Minister of Agriculture

regarding the nature of the Canadian exhibit to be made at Wolverhampton and Cork next summer.—W. A. McKinnon, officer in charge of the fruit branch of the Department of Agriculture, has returned from Montreal, where he arranged for winter inspection under the Fruit Marks Act. F. L. Dery has just been appointed Government Fruit Inspector for the Province of Quebec, and it will be his duty to keep a sharp lookout on winter packing from cold storage. The Ontario inspectors will hold meetings during the winter, at which they will explain the best methods of packing fruit.

—An additional order for 15,000 tons of Canadian hay, to be shipped to South Africa during the month of February, has been received by the Department of Agriculture. This will make 169,500 tons of hay sent from Canada to South Africa since the outbreak of the war. Looking at the matter from merely a sordid point of view, says an Ottawa letter, the war has been a benefit to Canada, as the value of hay, oats, jams, meats, flour, etc., sent from the Dominion, and the transportation charges, foot up to \$7,000,000. Add to this nearly \$2,000,000 for war supplies, furnished by Canada to the War Office, and there is a total of \$9,000,000 actually expended in this country by the Home authorities.

—News has reached London that in response to the pressure brought to bear by American and British companies, Germany has made a concession in connection

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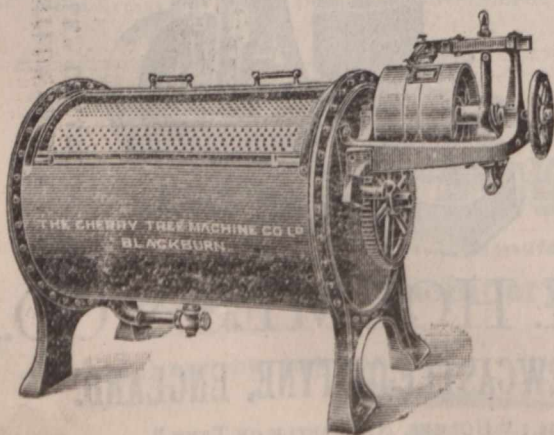
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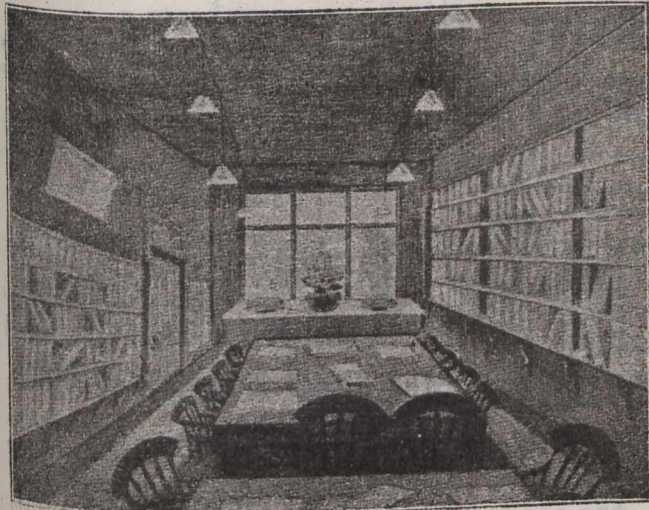
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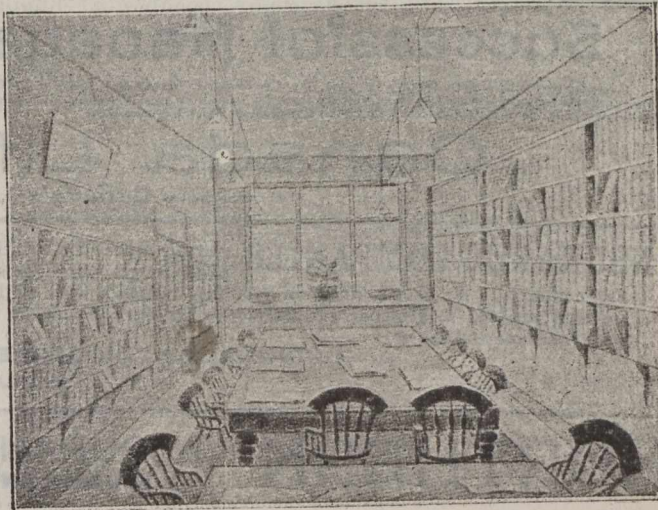
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LIMITED,

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.

with the new insurance law, which comes into force in January. It is to the effect that companies which want to retire will be considered practically non-existent and will not be compelled during the process of liquidation to conform to the conditions of the drastic new measure. This ensures the German Government not taking over such assets and liabilities of these companies as were under governmental control, the probability of which had previously greatly exercised foreign insurance interests in Germany.

—From Philadelphia it is learned that no more foreign orders for anthracite are to be accepted by the Philadelphia and Reading Coal and Iron Company for the present. These have become so large and so numerous in the last month that to supply them would seriously interfere with meeting the demands for home consumption. The foreign orders accepted last month will be filled as fast as possible. Present low rates to European ports on outgoing vessels are principally accountable for the foreign demand. The rates enable the foreign consumer to procure for \$6.12 a ton, and agents of the western railways of France say they are ready to offer thousands of tons at this price.

—The Ottawa & New York Railway Company have built a large addition to their repair shops at Ottawa. About the end of December, says a dispatch, between sixty and seventy-five men will be given employment at the shops, which means that about seventy families will be added to the city's population.

—The lease of the Burlington system to the Chicago, Burlington and Quincy Railroad Company for a term of 999 years was consummated at Burlington recently.

—The steamer Monmouth sailed from St. John, N.B., on the 2nd instant for South Africa with 781 horses.

DAIRY PRODUCE.

A private London circular, date 22nd ult., treating of the dairy produce situation, says: Butter.—The end of last

week and beginning of this, the severest frost for many years at this season was experienced, but gradually milder conditions prevailed and at the close of the week the temperature is more normal. The demand for Australian butter has improved during the week, although there is no advance in prices. Choicest brands are selling at 112s to 114s and finest at 104s to 108s. The Cuzco left Australia last week, and is due here just before Christmas with only 14,251 boxes of butter against the 25,881 boxes shipped the previous week. The Cuzco has a small capacity, and the 14,251 boxes are apparently all she can accommodate, consequently the next vessel will have more than one week's make of butter on board. Letters from New Zealand complain of the dry and hot weather, and cables of recent date state the same weather continues and is interfering with the pastures, so there is every probability of short supplies of butter from New Zealand this season as well as from Australia. The China arrived on Saturday last with 10,217 boxes of butter from Australia, and began to discharge them at 3 o'clock on Monday afternoon, and finished her discharge on Thursday. She forms a good illustration of the disadvantage of the old system. The butter from the Ormuz last week under the new system, although it was discharged on Monday into craft nearly 20 miles further down the river, yet it all reached Cotton's Wharf the next day. The China with only 2,000 more boxes and 20 miles nearer Cotton's wharf has been four days in getting the whole of her butter to the same wharf. If further experience demonstrates as clearly as the China does the inferiority of the old system, the P. & O. Company undoubtedly will immediately adopt the new method. The Copenhagen Official Quotation has been left unchanged with a firm market in Denmark. Last week the total imports of Continental butter were 46,900 cwts. below those of the previous week. This week the import of Siberian butter was only 1,400 casks, being much the smallest arrival since the 1st of May. It is expected that the weekly arrivals will shortly be less than 1,000 casks. Cheese.—There is a much increased demand for Canadian cheese and most of it is selling at 47s for choicest goods, very little at 46s. The low prices appear to have brought this increased demand about. Corresponding week last year choicest Canadian cheese was quoted at 54s to 55s, and finest at 52s to 53s.

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Thirteen months for revival of lapsed policies without medical certificate of five years' existence.
Loans advanced on mortgages and Debentures purchased. Agents wanted.
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Agents for the Dominion
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NORTHERN ASSURANCE CO'Y.
INCOME AND FUND (1892)

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

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Manager for Canada.—ROBERT W. TYRE.

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The Oldest Scottish Fire Office.
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Government, Municipal and Railway securities bought and sold. First class securities suitable for Trust Funds always on hand. Trust Estates managed.
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(Incorporated A. D. 1845 by Royal Charter.)

Capital Subscribed	-	\$7,500,000.00
Paid Up Capital	-	1,581,666.00
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THE CANADIAN Journal of Commerce.
MONTREAL, FRIDAY, DECEMBER 6TH, 1901.

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AMERICAN FRANKNESS RE. RECIPROCITY.
A CUSTOMS ANOMALY EXPOSED.

However faulty the American case in favour of reciprocity may be, from the Canadian standpoint, and its defects we have exposed in our last issue, one thing must be conceded to its advocates, they have displayed all the frankness of men exchanging confidences in private in the belief that they are not overheard. "In vain is the net spread in sight of a bird," is an ancient proverb; but, in the reciprocity discussion conducted by American writers and speakers, we find the net spread avowedly to catch the Canadian bird while that bird is known to be watching the operation. It is a curious

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phenomenon, yet no novelty, for those who have the utmost degree of fox-like cuteness to show, very often, a degree of simplicity that is amazing. The secret is this, extremely cunning persons are apt to imagine

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UNION ASSURANCE SOCIETY OF LONDON.

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other persons to be without discernment enough to see the nature of the game they are playing with a more astute adversary. Some American writers evidently look upon us Canadians as simpletons, hence the boldness with which they propound theories of so-called "reciprocity" that are comparable to a fiscal gold-brick scheme, or the friendly talk of a bunco-steerer.

Take, for example, some remarks on reciprocity in regard to the implement trade of the United States and of Canada. Here is a charmingly frank statement:

"The high tariff of the United States has certainly largely assisted Canadian manufacturers of implements and machinery in their own markets, but has done no harm of consequence to American manufacturers in their own country, as they can hold home markets against all competition. With a reciprocity treaty that permitted of low duties on implements between the two countries, we Americans would crowd the Canadian manufacturers in their own markets."

Imagine, if possible, a form of reciprocity that would enable the American implement makers to "crowd" the Canadian producers in the markets of Canada and totally exclude them from the American market! Fancy too, if possible, any bird hatched in a Canadian nest being so utterly foolish as to walk into a trap thus openly exposed for its destruction. Even a tame Canadian goose would waddle away were it made aware of so open an attempt to ensure its capture. Lest this American idea of reciprocity should be misunderstood, the writer repeats the declaration of its one-sidedness as follows:

"It is safe to assume that, under the present condition of affairs in Canada, some tariff agreement which would make the road into Canada easier for American manu-

facturers would be greatly to the advantage of the country, as we Americans could not only hold our ground but invade Canada with our manufactures. In proof of this claim it may be stated that for the nine months ending with March, 1901, the States sold implements and machinery to British North America to the value of \$1,368,000, while Canadian manufacturers sold nothing in such lines in the United States. If the tariff should be reduced American manufacturers would no doubt increase their sales in Canada while Canadian manufacturers would be unable to meet the American manufacturers in the United States markets under any kind of tariff."

No wonder Canadian implements were not exported to the States, when the duty they would have had to pay is more than one-half their price. The imports of American agricultural implements into Canada last year were as follows:

Imports U. S. Implements, 1900-01—	Value.	Duty.
Cultivators	\$16,038	\$3,207
Drills, grain seed	31,092	6,218
Farm rollers	2,049	512
Forks, pronged	4,461	1,115
Harrows	47,833	9,566
Harvesters	828,118	165,623
Hay tedders	8,839	2,209
Hoes	2,854	713
Horse rakes	104,075	20,815
Hay and straw knives	281	70
Lawn mowers	5,305	1,856
Manure spreaders	4,921	984
Mowing machines	426,084	85,216
Ploughs	143,272	28,654
Post hole diggers, &c.	2,980	770
Reapers, scythes, spades, weeders, &c.	203,550	44,335
Totals	\$1,831,752	\$371,863

The average rate of duty on these imports from the States was, 20.3 per cent., whereas the duty on such goods entering the United States is nearly three times as much. The imports from Great Britain of the same class of goods, farm implements, amounted to \$22,025, the aggregate duty on which was, \$4,601.72, the average duty being 20.8 per cent. Thus, by some hocus-pocussing of the tariff the import from Great Britain paid a higher rate of duty than American goods of the same class, although, under the preferential tariff, they ought to have entered under an average duty one-third lower than American goods, that is, 14 per cent. instead of 20.3 per cent.

To avoid any misunderstanding, we append a statement in detail of the British imports of implements with the duty collected thereon as recorded in the Trade and Navigation Report for 1900-1901, which proves that British implements pay higher duties than American:

British imports, 1900-01—	Value.	Duty.
Forks, pronged	\$114	\$19.00
Harrows	29	3.87
Hoes	159	26.49
Lawn mowers	62	14.47
Manure spreaders	180	36.00
Ploughs	4,213	\$35.67
Reapers	416	83.20
Scythes, sickles, &c	4,645	807.71
*Spades and shovels	10,983	2,563.50
Others..	1,224	211.81
Totals	\$22,025	\$4,601.72

*This exceeds the American imports.

That the average rate of duty in the above goods was over 20 per cent. hardly needs an exact calculation, it is evident on the face of the figures.

Here, then, is a clear case of discrimination against British implements in spite of the preferential tariff. The attention of the Government is called to this extraordinary and anomalous exhibit.

THE MANITOBA ACT.

The Manitoba Act which has just been declared constitutional by the Privy Council and which practically destroys the trade in stimulants in that province, is so drastic in its character that it involves an interference with ordinary business conditions which cannot be without effect upon the general mercantile situation.

The pivotal clause of the Act prohibits the sale of liquor by any one outside of licensed druggists. The next important one prohibits the keeping of liquor except in private dwelling houses. There are exceptions, however, in the case of alcohol used for medical, scientific, or sacramental purposes. For medical and scientific use ten gallons may be held, but must not be used as a beverage. Clergymen may have two gallons for church use, and an incorporated hospital may have a stock provided that it is served to patients only, and then on a physician's prescription. Brewers licensed by the Dominion Government may store liquor for export in specially-arranged warehouses. No person shall use or consume liquor in the province purchased or received from any other person within the province, except a licensed druggist. Then the liquor must not be consumed on the premises. The keeping of liquor or the having of liquor in a building occupied by any club or society is a breach of the Act. In the case of clubs, the occupant of such premises or any member of the club, or any person who resorts thereto, shall, if liquor be found in the club, be taken to be the person who has or keeps or sells liquor therein, and shall be liable to prosecution. A physician may prescribe liquor for a patient, giving a written order, upon a druggist, and he may have two quarts in his possession for medicinal use; but if he should prescribe liquor not for bona-fide medical purposes, he is liable to a penalty of from \$50 to \$500 for the first offence. A dentist may have a pint of liquor in his possession, and a veterinary surgeon a gallon. The Act provides for the appointment of inspectors, and declares that any police officer, policeman, or inspector may enter and search premises other than a private house, at any time as he may think necessary.

Thus, under the law, which has now been declared constitutional, druggists are licensed to sell by retail, but only upon a bona-fide prescription from a duly-registered medical practitioner, or a dentist, or veterinary surgeon, or a clergyman. All prescriptions and declarations from clergymen must be preserved, and a record must be kept. A copy of the record must be forwarded to the chief inspector semi-annually, in default of which the license is forfeited, and a fine of from \$50 to \$300 is imposed, with or without imprisonment for from two to four months. The consumption of liquor on the premises entails forfeiture of the license, a fine of from \$200 to \$1,000, or imprisonment of from three to six months. The giving away of liquor gratuitously is prohibited. If a charge be laid and proof presented of consumption or intended consump-

tion in a prohibited place, it is not necessary to show that any money passed.

This would seem to be very stringent. But it is doubtful whether under the pressure of ordinary business regulations the Act can be carried out in its entirety. We have seen similar Acts before. The Maine liquor law is a case in point. In its case human nature has proved too strong for legislative enactment. Neither the Scott, nor the Dunkin Acts, ever stamped out trade in what is evidently a necessary article of ordinary use if we may judge from the number of reputable firms now in the business, and all of whom are doing a steady and lucrative trade. In fact, it looks as if there were a general demand for the class of goods indicated as prohibitive under the new legislation. This legislation has not yet gone into force. Nor is it likely to before the session of the Provincial Legislature. But should it be put into absolute practical shape, its influence on general commerce could not be disregarded. It would kill the brewing and distilling interests of the province beyond a peradventure and would largely antagonize importing interests. It is to be hoped that should the Province decide to put the Act into operation, they will be guided by the dictates of common sense. Men cannot be rendered immaculate by legislation. The tendency is too often the other way. The mere fact of prohibition, of an interference with personal liberty, is liable to lead to results unanticipated by the framers of acts which—however beneficial in their object—tend to circumscribe the free volition of the public and thus arouse the antagonism of the very class in whose interest they are framed. The failure of the Maine Liquor Law and of the Scott and Dunkin Acts, is still fresh in our memories. Should the Manitoba law ever crystallize into similar form, it is doubtful if it will meet any different fate. Human nature is human nature. And it will never change at the behest of legislative enactments. There is a tacit opposition on the part of the average man to being coerced, even in his own interest, that renders any effort to put him outside of the possibility of temptation by legislative enactment, entirely nugatory. The history of legislation is full of these experiments. And their final result has been always the same.

THE SUGAR WAR.

The discovery in Germany of a great sugar trust entitled the "Kartell," embracing both producers and refiners, may or may not be exactly correct. But the leading features published give it a remarkable semblance of authenticity. The story is that producers and refiners have a secret agreement in accordance with which the refiners pay a high price, more than the general market would justify, for raw sugar, and the producers assist the refiners in maintaining an export bounty system, under which sugar is sold abroad for whatever can be got for it, and is held at a high price at home, where it is selling for three times as much as the same German sugar is selling for in London. The maintenance of the domestic price affords enormous profits which the refiners share with the producers.

Possibly this is correct. The "Kartell," as it is called, has forced down the price of sugar in Britain and other countries to the lowest point on record in the history of the industry. The latest figures available in London show that Germany now produces one-third

of the world's supply of beet sugar, of which she exports no less than 1,250,000 tons after completely supplying her own population. These exports, which are almost one-fifth the world's available supply, are sent out at a loss to German manufacturers; but, thanks to the "Kartell," plus the bounty, they are able, not only to make up for this, but to reap a handsome profit in addition to gaining absolute control of the sugar market.

The members of the "Kartell" bind themselves to buy from and sell to only those affiliated with the combine. This has worked so satisfactorily that the "Kartell" now includes practically every factor of the sugar interests in Germany, from the agricultural producer to the refiner. The latter agrees always to pay 12.75 marks per hundredweight for the raw article, though natural conditions might ordinarily allow him to buy three marks cheaper. This, however, ensures a permanently high price to the German agriculturists. The enormous profits consequent upon these methods are pooled in the "Kartell," and are divided upon an elaborate and ingenious scale, and the surplus product is disposed of at a slight loss in other European and American markets, though even this deficit is often made up by the bounty that Germany provides.

But, we must bear in mind that the capacity of the German market to absorb sugar at a high price is very greatly impaired by the depression of trade in the Kaiser's dominions, and the increase in the output of cane sugar all over the world. In Java very extensive operations are now going on in the way of improving varieties of cane in order to get more sugar from an acre. As a result of this one estate made over five tons of sugar per acre, and Queensland and several of the British West Indies are making every effort to improve the cane and get more sugar. One company in Hawaii will get an average of five tons of sugar per acre, for its whole tract of 4,600 acres. Hawaiian sugar has generally gone to San Francisco, but the Hawaiian-American Steamship Company is said to have contracts to bring 80,000 tons of sugar to New York, and it is predicted that in two years the whole production of the Maui plantations will be marketed in the Eastern States.

Hardly any branch of agriculture is so profitable as sugar beet raising where the soil is favorable and a factory is at hand. The manufacture of sugar at present prices is abnormally profitable where it can be carried on on a sufficiently large scale. But most of the cane-producing countries can produce little else. They must stay in the business, and by improving their methods they can greatly reduce the cost of production. The world is bound to have cheap sugar, and the profits of culture and manufacturing will have to come down to normal rates.

In the meanwhile Germany is still upholding the essentially puerile system of maintaining a very high domestic price and of exporting at a loss when it is necessary to do this. The consumer is taxed in the price and the whole nation is taxed to pay the bounty, and the refiner and the beet raiser are for the time being dividing large profits. It is only too evident that this cannot go on. Efforts are being made to induce the growers to reduce their acreage, but how can any grower be sure that other growers will not increase their acreage and profit by his self-denial? Germany would like to abolish the bounty system, but it is doubtful if

Russia will agree to give it up. And thus Germany is compelled to carry a burden which she knows not how to lay down, and whose weight is now reaching the limit of endurance.

THE ART OF PLEASING.

While opposition dealers are often lowering prices, offering leaders at cost and advertising in a most expensive way in order to draw trade, there are many little minor duties to which no expense attaches, but which, were they adopted and strictly adhered to, would be of more benefit in attracting and holding custom than either of the above-mentioned. The principal among these is the art of pleasing; of making all callers feel on entering the store that they are appreciated as invited guests; of showing them that they are immediately recognized by the simple act of courtesy which calls for a greeting, followed by an offer of a seat, if such is convenient, and being informed that their wants will be attended to in the briefest possible time. Now, outside of business there may appear to be little in this. In reality its strict observance is ever productive of profit, while its want is in as great a degree productive of loss.

On a Toronto street car a few weeks ago, the writer, in conversation with a fellow passenger, was referring to the extremes now being resorted to by the various large mercantile establishments in their endeavours to catch a large share of holiday trade. The former gave this little illustration of what draws trade to certain stores and largely assists in making for success in business:—"Now, I'm going to give you an idea of how the simplest acts of courtesy and recognition to callers often does more good than all these presumed 'bargain sales' we read of every day in the year. Last evening my wife and I were out for a walk and, being attracted by something in a drug store window, she said: 'This reminds me that I have a little purchase to make in this line, so let us walk along a few blocks. I could get it just as well in here, but, do you know, I like to call at Mr. ——— store. There is an attention you receive there which really does one good. The owner, particularly, is one of those whom to call on once is to remember, for he has, if I may call it so, a gift of courtesy, of such fine texture that one really imagines they are in the presence of some mercantile magician.'

"Let us go there, by all means," I said, jokingly, "for I rather desire to see that gentleman, if for no other reason than that some of these fine days he may be the cause of domestic trouble." We went down and on approaching the door it was not necessary to open it. It was opened for me. On stepping inside we were not immediately requested to state our mission, but were shown to seats in a tone of politeness that really impressed me for I came looking for the almost superhuman courtesy which I had secretly imagined on the way must be nothing more than an overdone of suavity. But I was agreeably disappointed. There was nothing in this man's actions or speech which could be construed as meaning that he was attentively pleasing for mere trade alone. Being seated and my wife having asked for the article she wanted, he immediately requested an assistant to procure it and, reaching to a shelf got a bottle of exquisite perfume, which Mrs. C. readily used. I cannot explain other little acts of

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extreme yet not forced attention on this druggist's part, yet his manner impressed me as fully as it did my wife, and it was only to-day I walked a couple of blocks out of my road to go in there for a trifle. It was only a ten cent. purchase, but I said this man deserves my trade and my dimes will go his way when I need what he keeps. Now, I don't mean that all other druggists are lacking in this respect. Not at all. Scarce any but are endowed with this sense of regard, and display it on all occasions, but as there are grades in almost everything, this man, I claim, is possessed of the nearest to perfection in this gift, whether it be acquired or natural, that I have yet encountered."

A serious drawback to the large departmental stores is the difficulty, ever noticeable, of giving to callers the attention which causes them to feel at home. The surging crowd prevents it. The lack of direct interest on the part of a large proportion of the employees admits of it being often overlooked, while the management calls for such strict attention to forcing sales and increasing the output that these finer needs are apt to be entirely neglected. The shopping marts of a future day will be shown to have ample space to permit of all being not only at ease in moving about but may be tendered other little acts of courtesy which will make them steady patrons of the establishments where their presence is shown to be so highly appreciated.

CANADIAN BANKING FACILITIES.

In its issue of the 20th November there appeared in the columns of that usually well-informed journal, the Toronto World, an article headed "Canadian Banking Facilities," evidently written by one in blissful ignorance of practical banking, and to whom "a little learning is a dangerous thing." The article begins by stating that:

"Owing to the rapid industrial and commercial development that has marked the last few years, the demand upon our financial institutions has taxed these to their utmost limit, and in cases they have not been able to meet the demands upon them."

Now, every banker knows that so far from this being the case, his great difficulty has been to find safe and profitable investments for the rapid accumulation of deposits, which an era of prosperity has brought about, and that many millions of dollars of the resources of Canadian banks are now invested in foreign securities, owing to the absence of a legitimate home demand. The article goes on to say that the banks are sending away good accounts "because their capital has not been equal to the requirements of their customers," and adds, that loans are being refused on good securities for the same reason.

This may be true of some of the smaller banks, but the leading institutions are handicapped with money instead of being hampered by the want of it, and are always ready to take over really good accounts when such are offered. As to declining to loan on "collaterals" the bank returns show large advances on such securities, and it is part of the policy of the large and conservative banks to check the tendency to stock gambling, which they often do, even at a loss of profit to themselves.

True, a number of Canadian banks have reached the limit of their circulation, but that by no means implies that they have reached the limit of their ability to make advances, but rather the reverse; for, if they found a permanent demand for money beyond their power to supply, they would not be slow in increasing their capital and consequent circulation, as a number of banks have done within the last few years. But it is one thing to supply a permanent demand, and quite another thing to supply a temporary demand to remove the crops, and the banks with a comparatively small capital and a large western connection find it more to their advantage to use the bills of other banks than to increase their capital in order to obtain money which can only be profitably used for two or three months in the year.

The writer in question admits that the banks have still an unused circulation of over eleven million dollars at a time when the expansion is at its maximum, and in a year when the enormous crops of the North West

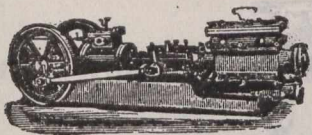
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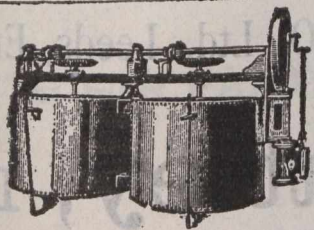
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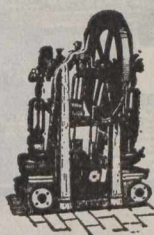
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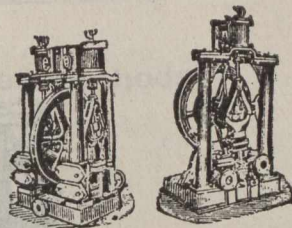
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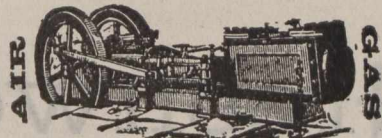
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have called for at least five million dollars of circulation, so that by the middle of December, taking the whole Canadian harvest into consideration, at least five million dollars of the present circulation will have been redeemed. This will leave over sixteen million dollars of available circulation in the hands of the banks, or so much of it as the managers have deemed it worth while to have printed.

From the tenor of the article under consideration, it will be seen that its whole aim is to urge the establishment of one or more new banks, a suggestion which needed no such lame excuse to introduce it. A new bank may be organized by any five or more individuals having half a million dollars at their disposal, and the financial standing necessary to obtain the confidence of Parliament, so as to obtain their charter. Let them not imagine, however, that the country is suffering for want of banking facilities, and will hail them as benefactors. If the promoters of a new bank have sufficient wealth and influence to gather round them a good clientele, there is no reason why, under proper management, they should not succeed. They would but do what other branches of business are constantly doing—deprive the other banks of a part of the business they now enjoy. At the same time, it is to be borne in mind that banks, like human beings, are subject to all the diseases of youth, and that all of them suffer more or less, and some of them perish, before reaching their

twenty-first year. Much, of course, will depend upon the experience, sound judgment and integrity of the general manager, as the absence of these qualities have wrecked more Canadian banks, than all other causes put together.

It is true that at some points there may for a time, be a lack of banking facilities, but this lack has only to be made known to secure an adequate supply, for the leading banks are constantly on the outlook for favourable opportunities when their capital can be safely and profitably employed.

Since the time that the Scottish adventurer, William Paterson, drafted the charter of the Bank of England, Scotsmen have taken a prominent part in banking all over the world, and our Canadian banking system is largely modelled on that of Scotland. If, then, the writer of the article which forms the subject of these remarks, will look up the number of banks in Scotland, a country having a population nearly equal to that of Canada, with immense manufacturing and shipping interests, he will find fewer banks than we have in Canada to-day, and no call for new banks, to meet the "strain upon their resources."

Although we have repeatedly dealt with this subject and adduced statistics to illustrate our views we deem it but proper to set our esteemed contemporary right in the premises.

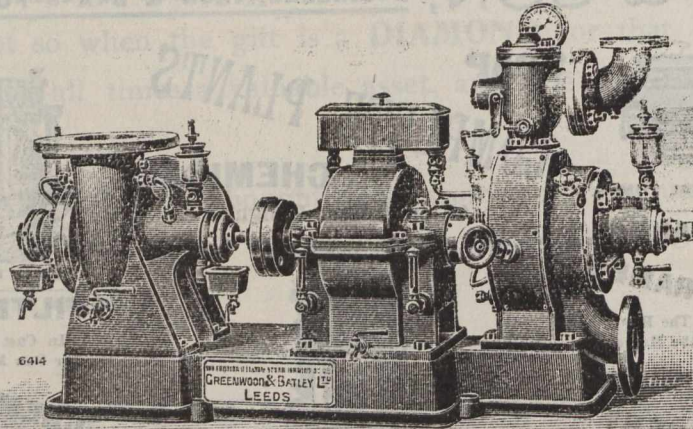
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RAILROAD EVOLUTION.

The recent consolidation of the North Western trans-continental roads has again roused what may be termed the "Granger" agitation. Twenty-five years ago the "Granger" movement against the tyranny of railroads raised the cry of the oppression of the farmers all through the West and there was at least this foundation for it, that at that time railroad management throughout the whole continent was equally lacking in uniformity and equity. The Senate Committee which reported on this subject in 1886 found, among other things, that the differences in the classifications in use in various parts of the country, and sometimes for shipments over the same roads in different directions, were a fruitful source of misunderstanding, and were often made a means of extortion. They also found that local rates were unreasonably high compared with through rates, and that unjustifiable discriminations were constantly made between individuals in the rates charged for like service under similar conditions. In these days every shipper had his own rate, the record of which was only to be found in the vest pocket of the assistant general freight agent. The Senate Committee further reported that the secret cutting of rates and the sudden fluctuations that took place were demoralizing to all business except that of a purely speculative character, and frequently occasioned great injustice and heavy losses. The general complaint was made that favoritism and secrecy introduced an element of uncertainty into business transactions that greatly retarded the development of commerce and industry. This was supplemented by the charge that unreasonable discriminations were made between localities similarly situated.

It was in the hope of curing these and cognate evils that the Interstate Commerce law of 1887 was passed at the urgent demand of the farmers and produce shippers of the country. The basis of that Act was the principle that all charges made for any service rendered or to be rendered in the transportation of passengers or property on interstate railroads, or in connection therewith, or for the receiving, delivering, storage, or handling of such property, should be reasonable and just, and every unjust and unreasonable charge for such service was prohibited and declared to be unlawful. A commission was created by the Act to carry out its provisions, and there was thus established the machinery for the regulation of freight rates over all the interstate railroads of the United States. The limitations which the courts have imposed on this body in the making of rates are sufficiently well known, but the Act has, in some important respects at least, introduced order where chaos existed before. Within sixty days after the passage of the law, and in obedience to its requirement that schedules showing the rates, fares and charges for the transportation of passengers and property should be filed and kept open to public inspection, the six chief classifications of roads east of Chicago were merged into one. The general abandonment of local classifications for individual roads followed, and, finally, instead of forty different general classifications, with numberless others of local application, there were practically only three. Under the long and short haul clause of the Act a general reconstruction of tariffs took place, in consequence of which the worst cases of discrimination ceased to exist; and under the clause requiring that all rates should be uniform for the same kind of service, there has been at

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least a closer approach to equality of treatment of all shippers than ever existed before.

The theory of the Interstate Commerce Act was the preservation of active competition among the railroads, less than the abolition of discrimination between persons and localities, and to insure the continuance of this competition it absolutely prohibited all pooling arrangements for the division of traffic. That is to say, "it forbade agreements to temper competitive excesses, while it provided fines and imprisonment for every variation from the published rates." It is here that we shall find the starting point of the changes that have recently taken place in the relations between the great railway systems of the United States. The fact must be borne in mind that in the matter of competition, railroads occupy a position altogether different from that of any other department of industry or of commerce. We do not call upon the ordinary merchant to refrain from discrimination between his customers except so far as his own self-interest restrains him. Nor is he compelled by law to fix any definite price upon his goods. The railroad is. And as voluntary co-operation for the purpose of the division of traffic is forbidden combination in other forms is forced upon railroad managers.

At first it seemed as if the dissolution of the trunk line associations left no recourse but that of individual railway action which experience had proved to be always diverse and antagonistic. But at this point the financial magnates who represented the ownership of the great railroad properties began to make their influence felt. It was found that the repeal of the law against pooling, if it were to be effected at all, could be accomplished only by a greater enlargement of the powers of

the Interstate Commission than railway managers thought either safe or expedient, and so the "community of interest" idea became the favorite formula for keeping the railroads from despoiling each other. From community of interest as a principle, to community of ownership as a fact, there is but a step, and it is the possibilities in this latter phase of evolution which are now engaging the attention of the country. The organization of the Northern Securities Company is thus merely a logical sequence of antecedent conditions, however startling may the potentialities of influence which it suggests. It has at least the merit of compelling public recognition of certain defects inherent in the effort to keep railroad competition alive without providing any security against its becoming destructive, and, therefore, the fruitful parent of the most dangerous kind of monopoly. The latest developments, however, are sure to create strong public opposition and intensify the demands for some sort of Government supervision.

THE PRESIDENT'S MESSAGE.

Seldom has a presidential message been listened to with such interest as that read by President Roosevelt to the U.S. Senate on Tuesday last. Contrary to anticipation it contained no traces of the Rough Rider Colonel. It was a calm, temperate and statesman-like document and it dealt with such important topics as reciprocity, the regulation of trusts and the stamping out of anarchy in a judicial spirit that is bound to carry weight.

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The question of reciprocity is naturally the one that most interests this Dominion and on this President Roosevelt's utterances are not very hopeful. He evidently holds that the McKinley tariff is necessary to the prosperity of the country and he deprecates any tinkering with it at the moment. But he admits that it is desirable that without impairing the stability of their economic system a supplementary system of reciprocal benefit with other nations should be established. He holds that reciprocity must be treated as the hand-maiden of protection. His first duty is to see that the protection granted by the tariff in every case where it is needed is maintained, and that reciprocity be sought for so far as it can safely be done without injury to home industries. Just how far this is must be determined according to the individual case, remembering always that every application of the tariff policy to meet shifting national needs must be conditioned upon the cardinal fact that the duties must never be reduced below the point that will cover the difference between the labour cost in the U.S. and abroad. The well-being of the wage-worker is a prime consideration of the entire policy of economic legislation. He goes on to say that subject to the necessity of high protection to home industries the principle of reciprocity will command his hearty support. He is wise enough to see that the future growth of the American export trade depends upon wider markets which can only be secured by a liberal policy in dealing with foreign nations. Whatever is

merely petty and vexatious in the way of trade restrictions should be avoided. The customers to whom American manufacturers dispose of surplus products in the long run, directly or indirectly, purchase those surplus products by giving something in return. Their ability to purchase products should, as far as possible, be secured by so arranging the tariff as to enable American consumers to take from them those products which they can use without harm to local industries and labour, or the use of which will be of marked benefit.

But this is all much upon the lines of academic discussion. There is nowhere in the message any suggestion of a definite policy in respect to reciprocity. And there is no reason to believe that the Senate, in whose hands the question must finally rest, will be in any way influenced by what must be classed as a series of sonorous platitudes. All that will move them is the growing demand for wider markets. It is evident that in many lines the American manufacturer is producing a surplus which the domestic markets cannot absorb and for which, he must, of necessity, seek foreign customers. And, without reciprocal concessions he cannot profitably enter these markets. They do not want his goods unless they can in turn sell goods to him. In these days when every nation, except Britain, is hedged in by a tariff wall the merchant who seeks to build up an export trade finds himself seriously hampered by hostile tariffs. And no nation will admit his goods without a reasonable equivalent. Hence the American peo-

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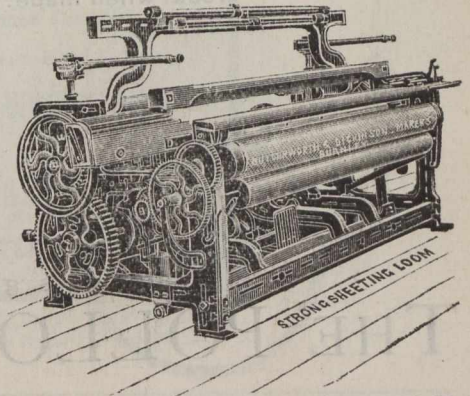
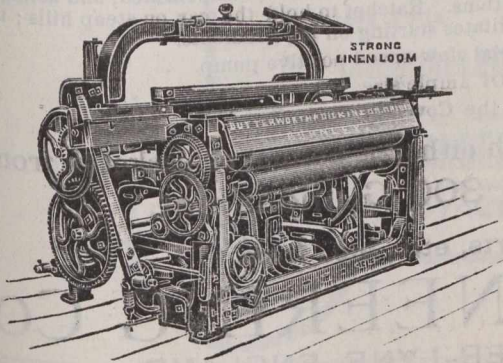
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ple are confronted by a serious proposition. They can no longer consume all they produce. And they cannot sell their surplus abroad to the highly protected countries who alone will purchase it, without some abatement in favor of their prospective customers. And this abatement will have to be earned by concessions which none of the present protected industries are willing to grant. Of course, the natural line of development for a policy of reciprocity will be in connection with those of productions which no longer require all of the support once needed to establish them upon a sound basis, and with those others, where, either because of natural or of economic causes, the United States are beyond the reach of successful competition. But what are these productions? And how will the removal of protection from them be received?

GRAND TRUNK RAILWAY MANAGEMENT.

To those within the inner circles of business in this city it caused no surprise to hear of Mr. Chas. M. Hays returning to occupy the positions of Vice-President and General Manager of the Grand Trunk Railway. His retirement some months ago was shrewdly suspected by railway and commercial men to be a protest in favour of a more modern management policy, which the Directors did not feel inclined to adopt without some impressive signs of dissatisfaction from the patrons and officials of the line.

The nature and object of the pressure put on Mr. George B. Reeve to induce this old servant of the company to leave his retirement at Pasadena, and, like a railway Cincinnatus, once more enter upon the onerous duties of management, were well understood. Mr. Reeve discarded the harness he has discarded, not from any longed-for to resume active life, but out of loyalty to the company for which he had worked so long, so faithfully, and so successfully. He took the duties of General Manager with a clear understanding that he would retire to his home in California whenever the Directors decid-

ed to adopt such a policy as Mr. Hays had desired to establish, and which would necessitate his recall.

The revolution in the management of the Grand Trunk effected by Mr. Hays, by which it was lifted out of a rut and modernized is known to and appreciated by every patron of this great Canadian pioneer railway. The public services of the line rapidly improved, both in the passenger and freight departments. Trains were run on schedule time, accidents began to be rare, the carriages were made more comfortable and elegant, the officials more obliging, and freight was handled more expeditiously and on a better system. The line was charged with new life. But Mr. Hays felt hampered by the necessity of consulting a Board of Directors across the Atlantic before his plans could be carried out. At times the delay so occasioned was embarrassing and annoying to the management in Canada, it was, to some extent, also humiliating to the General Manager, who, if fit for his position, ought to have a freer hand than is possible when consultations have to be carried on with directors 3,000 miles distant.

The Grand Trunk is the backbone of the transportation industry of Canada, it has done more than any other organization to facilitate the development of this Dominion. The return of Mr. Hays is an event of national importance, it will result in the Grand Trunk becoming the rival in management to the best railways in the United States. The policy he had already inaugurated will be raised to higher efficiency, the requirements of both classes of traffic will be provided, and in adding to the traffic facilities, the interests alike of the public and of the shareholders will be served.

We hail, then, Mr. Hays' return with unalloyed pleasure, it has given the utmost satisfaction to every business man in the country for the services of the Grand Trunk are only bounded by the confines of Canada.

Mr. Reeve has earned the gratitude of the Grand Trunk authorities and the public by so ably and so unselfishly taking command of the ship in an emergency. He retires to his farm with universal respect and good wishes.

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- Motor.**—7 h. p. vibrationless, two cylinder motor.
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 - 34in. artillery wheels, with 2in. Connolly solid tyres.
 - 32in. " " " 2½in. Michelin tyres, £8 10s. extra.
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- Body.**—Mail Phaeton, Tonneau, or Siamese Phaeton.
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Mr. Chas. M. Hays being now in charge, with increased powers, and a higher title, will ensure the Grand Trunk all the success and popularity that can be derived from management of the highest type of enterprise and efficiency.

THE McCULLOUGH CASE.

The charge of Mr. Justice Hall in the McCullough case arising out of the celebrated "cold storage frauds," was one of the clearest expositions of the law of conspiracy yet given from the Bench, and it resulted in the acquittal of Mr. McCullough in fifteen minutes after the case was given to the jury.

The learned judge pointed out that there could be no doubt whatever that a fraud had been concerted and accomplished. The fraud, none of them now had any

doubt, was originated by Chisholm, and was participated in by others. But the question was, did they participate with guilty knowledge? It was possible to participate in a way which was perfectly innocent, and His Lordship proceeded to show, by an actual case, how this was so. There could, he said, be no doubt that D. J. McGillis participated in it with a guilty knowledge. The court did not mean to say that he had the same guilty design as Chisholm, but he was a trusted employee, and should have known the correctness of the warehouse receipts, which he made out for a different quantity of goods to what was shown on the stubs.

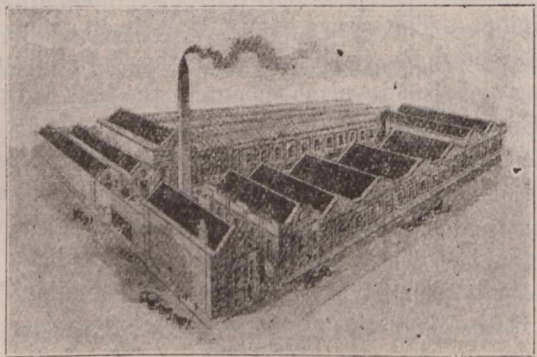
Patrick Mullin, the court continued, had such confidence in Chisholm and McGillis that he signed a number of warehouse receipts in blank. These were used dishonestly, and he therefore participated innocently in the frauds. When the discovery came, he admitted his carelessness, and paid the penalty. He gave up his private fortune and ruined himself in order to make good, as far as he could, the losses sustained. Then came the remaining parties, the Croil & McCullough Dairy Company, who were approached by Chisholm, who had befriended them and secured their con-

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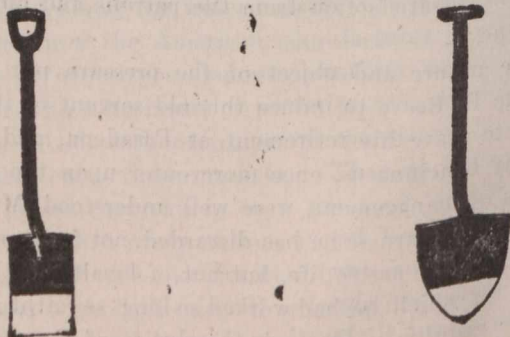
Telegrams, "JUTE, Liverpool."
A.B.C. Code, 4th Edition.

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LOYALTY TO THE TRADE IS OUR MOTTO.

fidence. Chisholm was then believed to be a man of wealth. He entered into an arrangement with them to sell cheese for him, through Campbell, Shearer & Co., on commission. The proposal, His Lordship thought they would all admit, was very plausible, whether his excuse for not wanting his name known by the trade as having anything to do with cheese was plausible or not. To the mind of the court there could be no doubt that the business started legitimately, as far as the Croil & McCulough Dairy Company was concerned. But in about a year a change occurred, and frauds were perpetrated, inasmuch as some of the warehouse receipts given to the Croil & McCulough Dairy Company, and upon which funds were obtained, were fraudulent.

Then there were the admissions. Admissions, if genuine, formed a most convincing proof, for the reason that an admission of crime or guilt was contrary to our natural inclination. Therefore, if a man made an admission knowingly, voluntarily, knowing what he had done, it was so contrary to the natural impulse of a human being that it must be true. In this case there were two admissions. When the exposures were made it must be remembered that different interests were at stake. Chisholm's interest was to tide the thing over. The court had no doubt that he expected to realize sufficient from mining transactions to clear off the liabilities. But he was disappointed, and then, no doubt, he went to the banks to exculpate himself, and told Mr. Ramsay that the Croil & McCulough Dairy Company had stolen some of the bank's cheese. But the time arrived when Chisholm thought that Mr. Ramsay was going to have him arrested, which would have disconcerted all his plans. He asked McCulough to go to the Merchants Bank of Canada and use his influence not to have the arrest take place, as he wanted a few days in which to realize some securities he held. There was also the admission made to Mr. Loucks, which was of a different character. At that time both McCulough and McGillis had an interest in Chisholm tiding over for a time, until he could meet the obligations; and in that case these criminal prosecutions would not have followed.

The inner history of the Cold Storage frauds may some day see the light.

THE LATE MAJOR E. L. BOND.

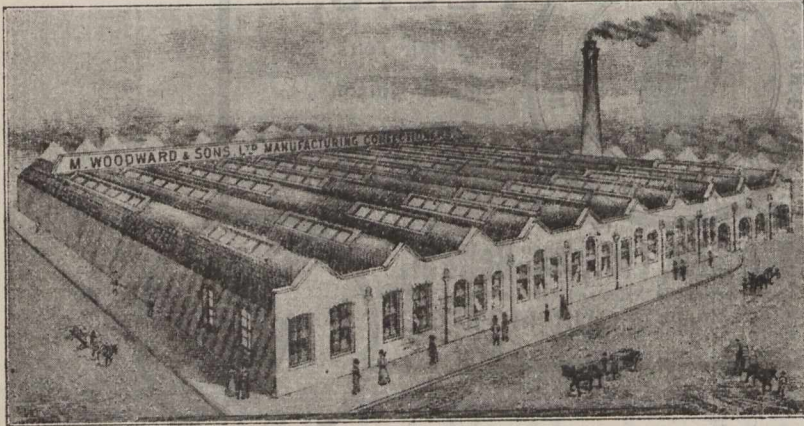
By an appalling tragedy the life of one of our noblest, most useful, most respected citizens was ended on the 4th inst. in the darkness of a winter's night. Major E. L. Bond retired to rest at his summer residence, Philipsburg, Lake Champlain, Missisquoi Bay, where he had been called by his business as President of the local railway, on the 3rd inst. Before daybreak his house was seen to be in flames by neighbours, who rushed to render assistance, but in vain, as the fire was too far gone to be subdued. Major Bond perished in the fire, but under what conditions will never be known, the probability being that he was suffocated by smoke. News of this tragic event struck Montreal as a sudden personal bereavement, so universally was Major Bond respected and beloved. Sympathy went out from the citizens towards his venerable father, His Grace Archbishop Bond, of whom the Major was the youngest son.

Major Bond commenced life as a stock broker; he then began the business of a marine underwriter in which he had a successful career. He was agent of the leading Continental marine insurance companies, also of the Norwich and London Accident, N. Y. Lloyds Plate Glass, London Assurance Corporation, Director of the Ontario Accident Co., and President of the Marine Underwriters' Association. As member of the Board of Trade, the Corn Exchange and other bodies he was ever on hand to render whatever services were in his power. To every effort for raising the city's management to a higher plane and enhancing its attractions, Major Bond gave energetic attention. Kindly in manners, he was ever a willing helper in philanthropic work. His military career was honourable; it closed by his retiring with the rank of Major. In his early days Major Bond was an occasional contributor to the "Journal of Commerce," and a supporter to the last. To the afflicted father, his widow, and others bereaved, we tender the most sincere condolences. They have the sympathy of all Canada.

ESTABLISHED 1848.

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NEWFOUNDLAND AND LUMBER INTERESTS.

Our cousins in Newfoundland appear to be struggling with might and main to emerge successfully from the clouds of adversity that for the last few years have surrounded that ancient colony, as we have been accustomed to call it. The new arrangement and modification of the Reid contract appear to be working satisfactorily, and gives promise of materially aiding in the development of the country. One of the important features of that arrangement was the retrocession to the government of over 1,500,000 acres of land which had been ceded to Mr. Reid, by the previous government, in connection with his contract. The government has paid Mr. Reid \$850,000 for the retrocession of these lands under the agreement that settled all the difficulties that surrounded that much discussed contract. Since that time the attention of outside parties has been drawn to the mining and lumbering resources of the colony, the result of which is that no less than six distinct interests have applied for locations and licenses for lumbering purposes in different districts amounting in the aggregate to over 2,700,000 acres of territory, nearly twice the acreage of land returned by Mr. Reid.

This looks like a real awakening towards development and the result, it may be hoped, will be both beneficial to the country and profitable to the capitalists engaged in the different enterprises. In addition to pine and spruce lumber it appears that the manufacture of pulp for paper making purposes is to be introduced very largely. An abundant supply of suitable wood for that purpose being available. All these enterprises will, doubtless, be a source of profit to the government and will give employment to the people of a permanent character apart from the fisheries which hitherto have been the predominant industrial interest of Newfoundland.

An important suggestion has been made, and is now being discussed, that before these applications for timber lands are granted that it shall be a condition that for every acre from which the timber is taken away another acre shall be planted with a young growth for future use because much of the land is not likely ever

to be suitable for agricultural purposes. That proposition seems to be so reasonable, and so full of promise for benefit to the succeeding generation, that it is likely to be adopted by the present progressive government of the Colony.

Such an improved method of dealing with limits as that might well be introduced in Canada. Our timber lands are fast being stripped and as a large proportion of them will not be suitable, or profitable, for agricultural purposes for years to come, it will be true political economy to ensure a future supply of timber for future use to take the place of that, which is now being used up so rapidly without regard to the wants of the time to come. Of course, it takes years for trees to grow so as to be merchantable, but, in the long run, perhaps, no crop, more profitable, can be obtained from most of the land now being denuded of forest trees than succeeding ones of the same kind which are congenial to the soil.

This is a matter well worth the attention of our provincial authorities. It is folly to shut our eyes to the self-apparent fact that, if the present system of depletion continues without regard to any organized effort and regulation for a continued supply for the future, Canada instead of being a large lumber exporting country will, in the course of not many years, be so stripped of its valuable forests, now comparatively easy of access, that the source of supply will be driven further northwards, year by year, until the time will come when the cost of getting the logs to the mills will effectively stop the export trade and the price of lumber for home consumption will become one of prime importance.

This feature of the future of our lumber supply and the preservation of our forests is not by any means a new one. It has been frequently discussed and alluded to in these columns and elsewhere, but, so far, no satisfactory legislation has resulted. Apparently, the lumbermen of the present day want to make all the money they can for themselves out of the present without regard to the interests of those who will come after them. That view may be a natural one, but it is at the same time a selfish one.

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

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

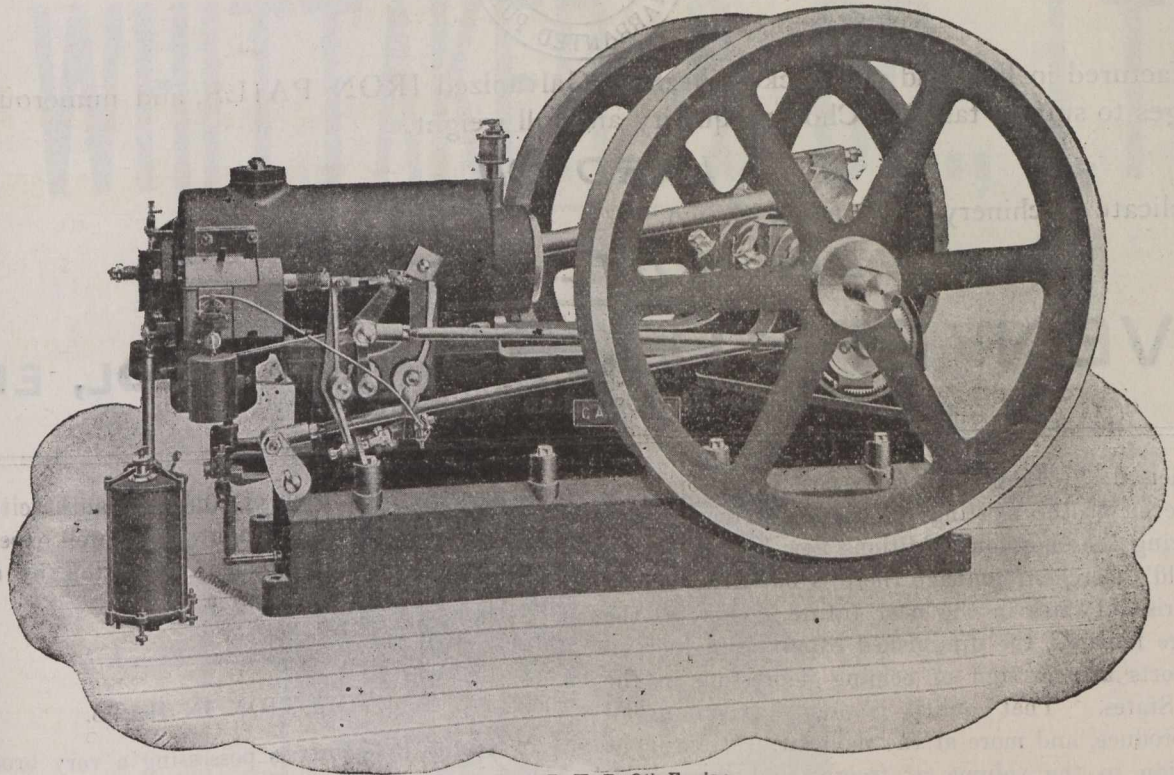


Photo of 20 B. H. P. Oil Engine.

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The governments of the different provinces of the Dominion, however, are in duty bound to take a broader look as regards the interest of the future of the country and one which will be important to those who succeed the present generation of self-seeking and money-making men working only for the present time. The discussion raised in Newfoundland is timely and our own statesmen would do well to follow it up.

THE EXPORT OF COAL.

The export of American coal to Europe is being seriously regarded in British circles which have hitherto possessed a monopoly of the coal trade of the Mediterranean and Baltic ports. Thanks to the extremely low rates of freight now ruling it costs but little more to land American coal in Europe than it does for British. Coal can be carried from Philadelphia to Stettin for \$2.50 a ton and from the same port to Rotterdam or Hamburg for \$1.80. At such rates Pennsylvania anthracite can be laid down all over Germany at several shillings a ton less than Welsh coal. Thanks to cheap freight rates and the relatively high price for Welsh anthracite not only to German ports, but to Rouen in France, Genoa in Italy, and Barcelona in Spain. And although this is primarily due to abnormally low freights, there is no guarantee that it will cease when

freights again reach the normal figures. There is no reason why West Virginia coal—which is the most cheaply produced coal in the world—should not continue to hold the Continental market. As a heat generator it compares with the best Welsh steam coal, and it costs less to raise to the surface than any other coal in the world.

As to the ultimate raising of the freight rate it may be well to remember that America is now turning to grapple the question of a merchant navy and that one of the first requirements of that navy would be such freight as her coal would offer. The Morgan syndicate is quietly acquiring vessels and these will be supplemented by others constructed out of American steel furnished by the mills they control. These steamers will require other freight outside of the iron and steel manufactured by the trust. Corn, wheat and cotton will form the bulk of their cargoes. But there will be plenty of room for coal, and hence the coal export movement in the United States may not be of such an ephemeral character as some English papers would have us imagine.

The Americans—ever progressive in their ideas—are formulating a new type of ocean carrier. They are figuring on a collier of initial low cost, high but cheap speed, facilities for quick loading and discharge and economical movement back to her port again. This type of vessel could be used solely in the coal trade and would not require to rely on return cargoes as the Brit-

Established 1828.

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PURE LARD.



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BAR MOTTLED SOAP.

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ish colliers do. They could carry coal to Europe profitably even at the existing low rates of freight, and, considering the enormous additions now being made to the world's merchant tonnage there is but little chance of any rise in rates in the near future. For, as the Iron Age remarks, the diminished exports and increasing exports are no sign of coming depression in the United States. That country is simply consuming all it can produce, and more at the moment. Hence, the diminution in the volume of freight and the corresponding shrinkage in rates. But it will not be thus for long. Soon there will be a surplus for export again. And then there will be a rush of American coal to European ports. Yet the Welsh exporters seem blind to the fact that Pennsylvania coal has come to the Levant and the Baltic to stay. They think to bolster up the price for Welsh coal by pulling another "stop" day in the month. And they think this puerile device will remove the ef-

fects of the competition of American anthracite in the world's markets! They might just as well expect to diminish the world's movement of cotton by shutting down the mills for an hour a day.

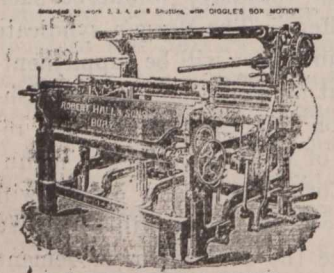
EVOLUTION IN HATS.

It is only in countries possessing a very broad market that any encouragement can be obtained with the object of forming a combine in the manufacture of hats; Canada is not one of these. The felt hat manufacturing interest in this country has not prospered as it has in England and the United States for the reason that it is an industry which is constantly changing styles. New shapes are being devised twice or three times a year. Of these, which are numerous, but a few meet popular favour, while the attendant expense,

Telegraphic Address: "Hall, Bury."

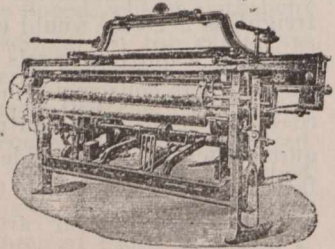
ROBERT HALL & SONS BURY LTD.

No. 4 MEDIUM LOOM FOR FANCY FABRICS.



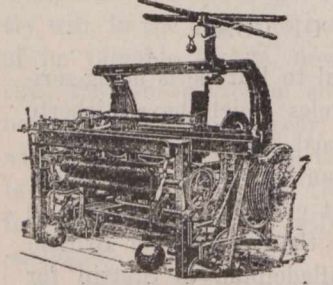
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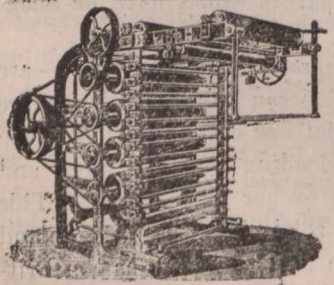


ROBERT HALL & SONS, BURY, Near MANCHESTER.

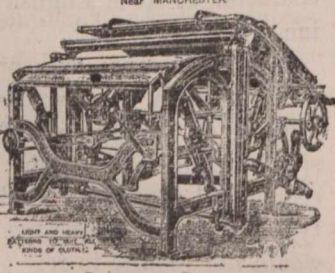
No. 1 LOOM with Positive Taking-up Motion, Double Gear



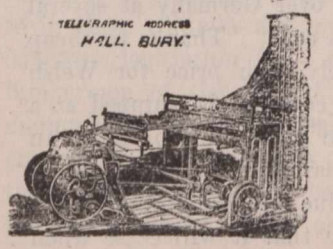
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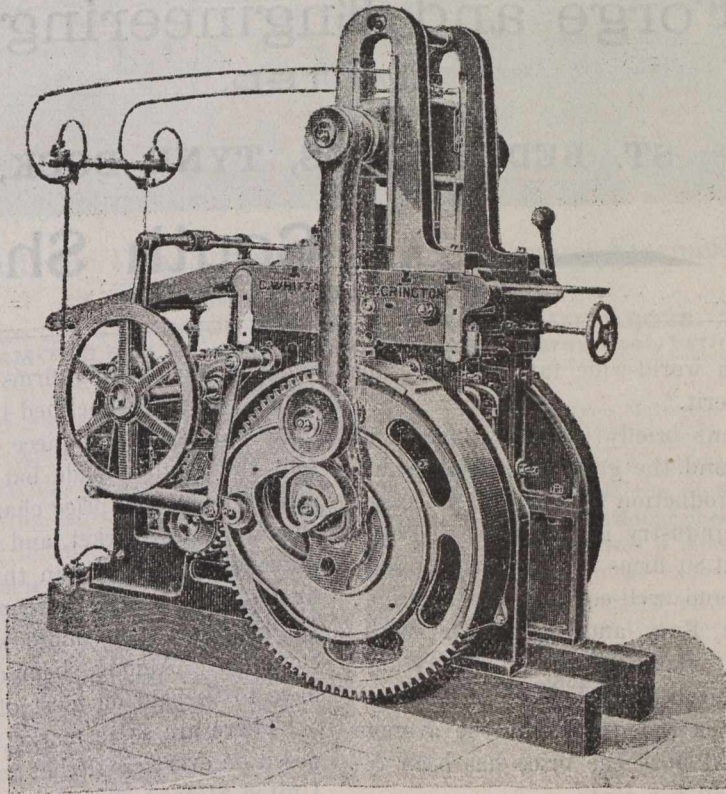
Complete lists of Machinery made on application.

Special prices to Canadians under the new Preferential Tariff.

..Clay-working Machinery..

Manufactured by

G. WHITTAKER & CO., LTD.



Dowry Street
Iron Works,

ACCRINGTON, Lancashire, England.

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

blocks, etc., is so heavy that to manufacture at all in a country possessing but a limited market, in competition with the importations of the two above-mentioned producing centres of fashion, means a greater possibility of loss than of gain. That a large market is absolutely necessary for the profitable manufacture of hats has already been proven by the experience of a large Toronto concern, which, after a determined effort to profitably place its products, was finally forced into insolvency. The firm, however, is again on its feet and doing fairly well. There were several wool hat industries operating in Canada during the past decade besides one in felt goods, the principal and the latter among these being controlled by the leading hat importing firm of the Dominion, which had obtained a prize medal for felt hats at the Paris Exposition of 1878, but all Montreal firms now find it more profitable to rely upon foreign manufactories.

* * * * *

For many generations, says the Liverpool Courier, in a recent article, England has been the home of the hat-making industry, holding in this a pre-eminent, and unique position.

"Besides having a monopoly of the home trade, she has an immense export trade, far surpassing that of any

other nation. Hats of English manufacture find their way to practically every part of the civilized globe. So to speak, the old homeland is the hat shop for the world.

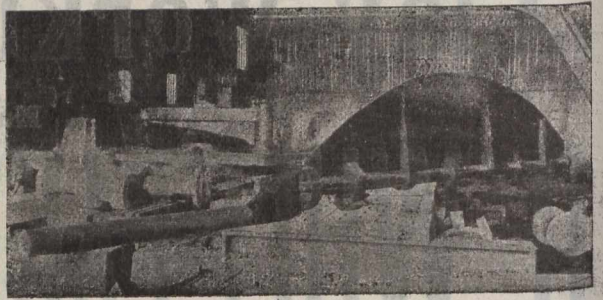
"The Americans know this full well, and fain would share the patronage bestowed upon our hatting goods in the foreign and colonial markets; therefore it did not altogether come as a surprise to representatives of the trade on this side of the ocean when they heard recently that the noted firms of Knox, Dunlap, and other hat manufacturers in the United States, contemplated forming a combine with £5,000,000 capital, and Mr. Herbert Knight, organiser of the Locomotive and Electric Trusts, as the moving spirit, to compete with the British export trade.

"Assuming the report is something more than mere rumour, and that it forecasts an attempt at serious competition, the organisers have chosen a wide scope for their enterprise. They would, of course, have no chance against the English manufacturer in the home market; hence the rumoured project to oust him, if possible, from the more extensive sphere of business. It would be a great pity, from many standpoints, if any such eventuality were to occur. Whatever success has attended the efforts of our fellow-countrymen in producing a

Single Plated Built Rudder

**FINISHED COMPLETE
READY FOR SHIPPING**

Manufactured in 8 Days
...By ...



THE

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

ST. BEDE WORKS, TYNE DOCK,

South Shields, Eng.

hat that has attracted a world-wide fancy is due, not to luck, but to sheer merit."

The writer then reviews briefly the early history of the hat trade in England and the great progress that has been made since the introduction of machine processes. The importance of the industry is shown by the fact that there are now about 80 firms engaged in felt hat-making alone, with large and well-equipped factories at Denton, Hyde, Stockport, Bury, and other towns, without mentioning the many manufacturers of straws and silk hats in London, Denton, Manchester, Luton, and elsewhere. Not only has the quality of the average hat been greatly improved but the price has been reduced, probably at least 50 per cent.

"Reference to the latest Parliamentary returns shows very little variation in the totals of home-made hats of all sorts exported during the past five years. In 1896 the figure stood at 1,184,910 dozens; in 1897, 1,067,471; 1898, 1,072,119; 1899, 1,071,315; and 1900, 1,087,014 dozens. A glance at the figures revealing the actual exports to the various countries is equally interesting. In 1896 we exported 193,046 dozens of felt hats to foreign lands, and 278,413 dozens to British possessions, as compared with 187,553 dozens to the foreigner and 291,045 dozens to our own territories beyond the sea last year. The straws exported to foreign customers in 1900 were 95,271 dozens, a decrease of about 34,000, and to British possessions 504,352 dozens, nearly 57,000 fewer than in 1896. Of silk and other unenumerated hats the foreigner last year only took 3,944 dozens, as against 10,580 five years previously, and the trade with British colonies dropped from 11,502 dozens to 5,849. Germany purchased 21,447 dozens of English-made felt hats in 1896, and 18,507 dozens last year; Belgium increased her order in the same period from 25,468 dozens to 49,977; France from 37,657 to 39,419; the Cape and Natal took 60,234 dozens, or about 19,000 more than in 1899; Canada required 71,948 dozens in 1896, 66,095 dozens in 1899, and 70,225 in 1900; while Australia and New Zealand last year were our customers to the extent of 120,156 dozens, an increase on the 1896 figure of 23,000 dozens. New South Wales alone bought 18,000 dozens more English felts in 1900 than in 1896."

A representative of the Courier has been interviewing

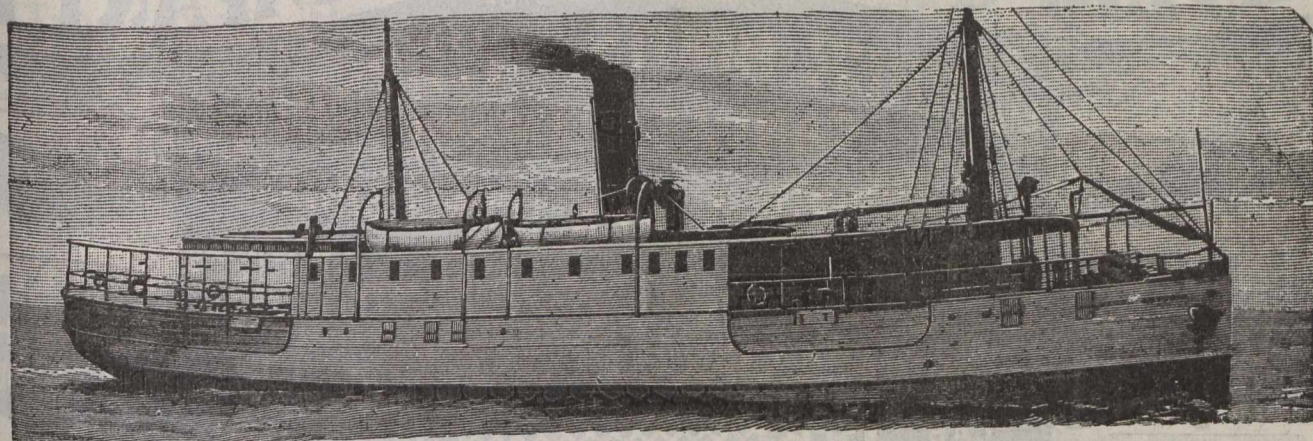
some of the leading firms in Denton on this subject. One of these was inclined to regard the threatened combine as only "a huge piece of American bluff." At present the English-made hat is sold in the home market at about half the price charged for the American hat in the American market, and very few American hats consequently find a sale in this country. There are, this firm declared, other circumstances which threaten the English hat trade more seriously than the suggested combine. Among them are the excessive tariffs that have to be paid on most of our exported hats.

"There are some markets where a duty of 3s. is imposed on every single hat imported from England. The United States protect their own hatting industry against the competition of the United Kingdom by an almost prohibitive tariff on English hats sent there, and the gentleman interviewed contended that the Americans are also very materially assisted by having a freer use of machinery than the British workman cares to allow. There is, he asserted, a strong prejudice in the trade against the use of mechanical appliances, and unless the English operative modifies his views with regard to this matter it will not be long before we shall have serious competition in the home markets, as well as attacks upon our export trade."

"On the other hand, Mr. Thomas Mallalieu (General Secretary of the Amalgamated Felt Hatters and Trimmers' Union of the United Kingdom, and President of the Hyde, Denton, and District Trades and Labour Council), takes an optimistic view of the situation. In a conversation with our representative he strongly repudiated the idea that the operatives are unduly antagonistic to labour-saving machinery. Speaking of foreign competition, Mr. Mallalieu remarked that it was practically non-existent in the home trade, and although we do import hats, they are mostly exported as being of British manufacture. If, he remarked, one foreign market is lost, another is found, and though the weakest of our manufacturers go to the wall, our strongest keep on extending and so absorbing both the trade and the men of the house crushed out. As to profits, they are certainly to-day considerably less per dozen than twenty years ago, but assuming a firm's profits to have been reduced by 50 per cent., the reduction of the price of ma-

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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.

terials by the introduction of Australian furs and French and Yorkshire wools, together with a far greater output, through adopting machinery, etc., more than balances matters. Mr. Mallalieu admits that the manufacturers have a genuine grievance with regard to the heavy duties imposed on their exports, and in this respect he thinks Australia is unkind to the Mother Country. He maintains that we deserve more consideration from our colonial relatives. Apropos of this subject, it is noteworthy that last year we imported 23,578,995 furs and rabbit skins, valued at £138,548 from Australia, New Zealand, and Tasmania, and exported over 14 million skins and furs to the United States."

THE POSTAL SERVICE.

Undeterred by the opposition of country Congressmen to expediting the mails in cities, the Postmaster-General renews his recommendations in favor of the pneumatic tube service in the great cities, and refers Congress to the report of experts on this matter, which the last Congress treated with contempt. "To strain fast mail trains," he says, "and then partially defeat their object by slow wagon service at the great terminals, is a contradictory and incongruous policy." It is also highly incongruous that Congress should vote four or five million dollars a

year for rural free delivery and refuse a few hundred thousand dollars for expediting the mails in the great cities, the importance of which is not entirely or chiefly confined to the residents of those cities. If it were, the cities in which the department earns profits that enable it to give many States a much better postal service than they pay for might be excused for demanding it. But a leading reason for urging these pneumatic tubes is that the mails dispatched from the great cities may catch early trains and expeditiously reach their destinations in all parts of the country.

THE SUITS SETTLED.

The cross suits between Mr. Eric Mann, the well-known architect, and Mr. A. Lincoln Pacaud, of this city, capitalist and real estate owner, arising out of the erection of the Stanfold block on St. Catherine street, have been settled out of court. It will be remembered that just about a year ago, Mr. Mann placed an architect's lien on the building to recover balance due to him. In Mr. Pacaud's

Telegraphic Address: "STANDARD WIRE, SOWERBY BRIDGE."

The STANDARD WIRE COMPANY, Limited,

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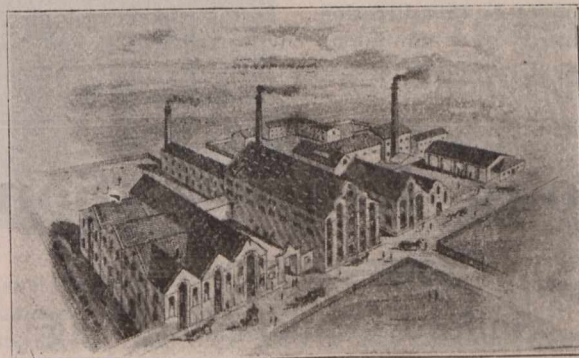
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- Patent Mild Plough Steel Rope Wire.
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- Galvanised Hawser Wire to Lloyds' Tests
- Galvanised Cable Wire. Bright and Annealed Wire.
- Bright and Annealed Core Wire.
- Galvanised Mild Steel Rigging Wire.
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plea were contained some statement which Mr. Mann regarded as injurious to himself. He, therefore, entered suit for \$10,000. Both these suits have been amicably settled. Mr. Pacaud has tendered a full and ample apology for the statements contained in the plea. And the \$5,000 held back (portion of loan) was paid over to the lawyers, and by them divided among the parties.

DIFFERENTIAL POSSIBILITIES.

Readers will be gratified to learn that the efforts put forth by our kin beyond the sea to avail themselves of the advantages offered under the differential tariff to British manufacturers are meeting with a fair degree of success. As already explained, this must, in a large number of cases, take more or less time and patience. The current of so large a stream is not easily turned; a change in stock or plant requires time; in many cases the old must be disposed of to make room for the new. It is to be hoped that every business man in Canada will do his utmost to second the efforts being made by our trans-Atlantic brethren as well as by ourselves in these columns to promote the patriotic and economic views of the Government in this direction. Letter postage has also been reduced—to a minimum; correspondence should lead to mutual advantage in a great majority—if not all—of the

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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

lines indicated. In the 128 pages of the "Journal of Commerce" there are numerous opportunities and possibilities offered for profitable dealing, if only because of the reduction of one-third from the quondam tariff on such articles.

THEY WERE A FAILURE.

Lord Lansdowne lately admitted that the commercial agents who had lately been appointed to supplement the British consular corps in the collection of commercial information had not yet proved their usefulness, but he thought the experiment was worth trying longer. These officials were to obtain information upon application from merchants and manufacturers, who were to pay a certain schedule of fees. Very few applications for information had been made. One of these commercial agents, who has been on duty in the United States, lately made an address in London to an audience consisting of sixteen newspaper reporters and six men of business. Of course it may be that more men of business would have attended had they not known very well that the newspapers would report the address. Still, it is probable that merchants with American trade, or desirous of getting it, felt that there was not much that a commercial agent, or a consul, could find out that would be important to them. What they wish principally is orders, and officials cannot solicit these, or go around showing goods and advertising them. Information as to the course of trade and general business conditions can be obtained more promptly and more accurately from trade publications than from any official reports.

THE GERMAN CRISIS.

Berlin correspondence of a French commercial paper says there is no sign of the end of the commercial crisis. The cause of the situation is overproduction carried on for several years, and encouraged by financial institutions, which, instead of moderating the speculation, stimulated it in order to secure exceptional profits. Most of

T. & R. LEES, Hollinwood, Nr. Manchester, ENGLAND.

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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, Brickworks, 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. (Cut and description will be inserted next week.)

the industrial companies are not distributing more than half, perhaps not more than one-third, of the dividends of former years. The woollen and cement industries are especially sufferers. One of the most serious aspects of the situation is the number of iron workers thrown out of employment. The export of iron has been increased enormously, because iron has been sold abroad for anything that could be got for it to get it off the home market. The industrial combinations are endeavouring to prevent a decline of prices in Germany, though cheaper materials are the condition most essential to the revival of manufacturing. The coal companies are trying to maintain the former prices by reducing their output, and this of course enhances the difficulties of the small manufacturers. The less hopeful say that while the industries of such a country as Germany cannot be permanently injured, the process of recovery will be slow; the most hopeful say that German industry has been suffering something analogous to the "growing pains" of childhood.

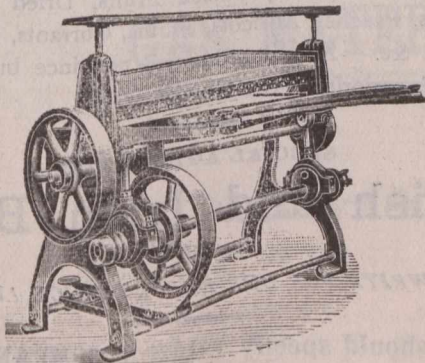
COARSE GRAINS SCARCE.

Our market reports ever since the harvest have indicated great scarcity and high prices for barley and oats in this market. It was thought at first that after the wheat was threshed and farmers had time to turn their attention to the coarser grains, there would be a plentiful supply at moderate prices, but it seems that this is not to be

the case. The oat crop especially has been a failure in the east and south and Manitoba is being drawn upon to make good what she can of the deficiency, with the result that most of our oats so far have gone east. The export demand is mostly for No. 2 white oats, which is about our best grade this year. Feed merchants in this city say they have difficulty in keeping up supplies for local feeding purposes, owing to this export demand. The oatmeal millers of the province have also been disappointed in the oat market and so far their mills have been living from hand to mouth. The result of the scarcity of milling oats is seen in the sharp advance which oats has

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Power Geared Squaring Shears.

Canadians have 33 1/4 per cent. in their favor by purchasing these Machines, under the New Canadian Tariff.

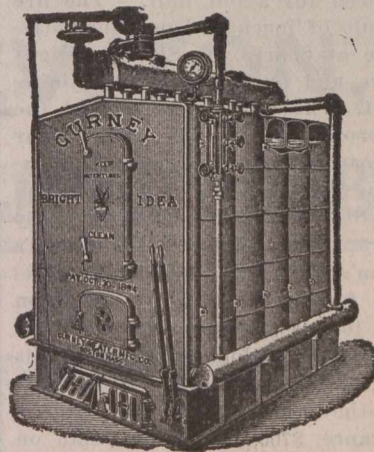
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We have approached the problem from every side. From that of economy, that of efficiency, that of durability and that of simplicity. We have not tried to overcome one fault to the exemption of others. The result being that our Heaters are equal to all demands, lacking nowhere, everywhere successful.



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"Oxford"
"Doric."

Have different capacities to suit all varying needs.

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ENGLAND.

AGENT FOR CANADA

CHAS. GYDE,

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

taken place in rolled oatmeal within the past three weeks. This necessary article of diet has advanced 40c per sack since the first of this month. What has been said of oats is equally true of barley. Brewers have had a few cars in from country points since the harvest, but feed men have practically had none.

FIRE LOSSES.

Kingston, Ont., Dec. 2.—Dwelling of J. S. R. McCann suffered about \$700 damage.—Montreal, 2.—St. James' R. C. Cathedral suffered about \$200 damage.—Windsor, Ont., 2.—Large barns and sheds of the Scotten estate, near Sandwich, totally destroyed. Loss about \$30,000. In detail the losses are: Eight buildings, 139 sheep, 7,000 bush. corn, 3,000 bush. oats, 100 tons hay, 100 tons fodder, 300 bush. rye, besides the hay-lifting devices and grain-cleaning machines in the barns and granaries. The origin of the fire is a mystery.—Bradford, Ont., 2.—The fire which occurred at the Bradford Gas Works on Nov. 28, was not so destructive as at first supposed. The damage was very slight and fully covered by insurance.—Kingston, Ont., 1.—The boiler and engine works of the Calvin Company, Garden Island, burned, entailing loss of \$10,000, with no insurance. Cause not known.—Massey, Ont., 1.—Fire destroyed J. P. Anderson's hardware store. The residence of Joseph Errington, manager of the Massey Mine, and D. M. Brodie were badly scorched. Total loss in neighborhood of \$2,000, partly covered by insurance.—Halifax, 30.—The school house at Gardiner Mines, near Sydney, destroyed; loss, \$500; insured for about half. The fire is supposed to be the result of incendiarism.—Charlottetown, P.E.I., 30.—By a fire at Searlton, Sheriff Wright lost his beautiful residence and outbuildings, containing a large quantity of wheat. The house was one of the finest in the province.—Toronto, 27.—A Friedman's cigar manufactory and stock, mostly raw leaf, damaged to extent of \$1,200. Cause of the fire unknown. The building is owned by Dr. Abbott.—St. John, N.B., 29.—Fire badly damaged Clarke's photograph emporium; Louis Green's tobacco store, and Gibson's jewellery establishment.—Belleville, 27.—The cheese factory at Sines, in Rawdon Township, destroyed. The loss is estimated at \$2,500. Insured in the Liverpool & London & Globe for \$1,500. This is the third factory burned on same site.—Peterboro', Ont., 27.—Fire destroyed the residence of Mr. Robert Jones. Loss, \$1,100; insurance, \$700, in the Guardian on house and \$430 on contents in the Economical, Berlin. The fire spread to Robert Mein's house, owned by F. J. Jameson, which was also destroyed. Insured in the Royal for \$600.—Markham, Ont., 30.—Fire in bakeshop adjoining F. Hook's grocery and dwelling, caused about \$1,500 damage to stock, etc. Insured for \$1,400.

—Grand Trunk Railway System—Earnings 22nd to 30th November, 1901, \$779,024; 1900, \$770,016; increase, \$9,008.

—W. A. Stevens, general store, Hillsboro, N.B., has assigned to the sheriff for the general benefit. He was formerly a farmer and carpenter, having no business experience, and has only been in business about 18 months. Liabilities are about \$2,000.

—The market for speltz is now beginning to assume definite shape here and it is probable that all of this grain which Manitoba farmers care to ship will be taken by local dealers for feed and seed purposes at somewhere in the neighborhood of 75c per bushel.

—The Dominion customs revenue for the month of November increased by \$303,231 over the same month last year. The increase for the five months of the fiscal year ending October 31, was nearly one million dollars over the five months of 1900. The figures are \$13,295,676 for 1901, and \$12,302,640 for 1900, an increase of \$995,075 for the past five months.

—The inhabitants of the western end of the island of

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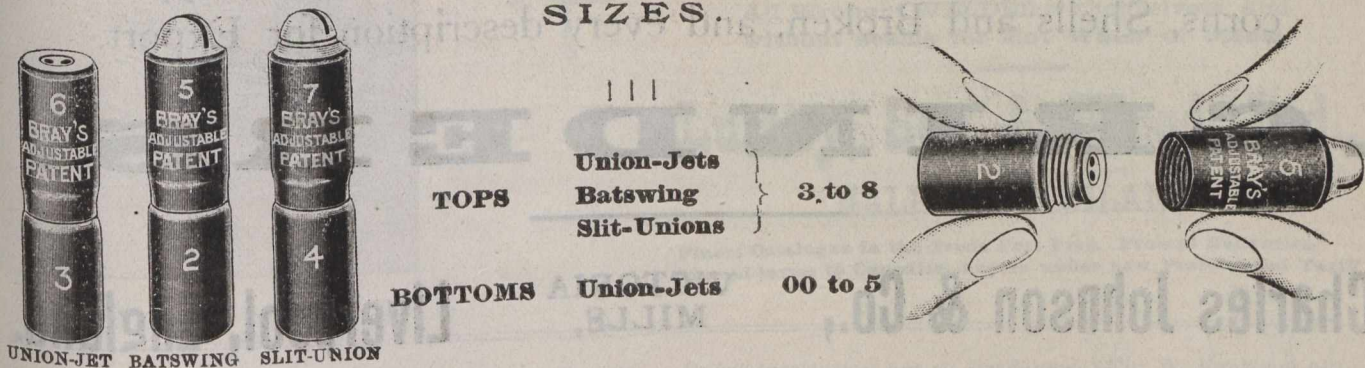
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Contain all advantages of our "SPECIAL" Burner being in two parts, a top and bottom, which can be adjusted to suit any pressure of gas. See Woodcuts.

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3 to 8

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00 to 5

GEO. BRAY & CO.,

Gas Burner
Manufacturers,

Bagby Works, LEEDS, ENG.

Montreal will be pleased to learn that Mr. R. B. Angus, whose beautiful summer residence at Senneville, known as "Pine Bluff," was destroyed by fire some time ago, is about to rebuild on the same site. The estimated cost of this new residence is \$100,000. Apart from the loss of the house, Mr. Angus suffered the loss of a most valuable painting, which was one of the finest in his extensive collection.

—Perhaps the most important trade announcement of the week is that the British Columbia shingle trust has been discontinued. Last spring all the larger mills combined. All orders received were handled by the combine manager, Mr. Scott of Westminster. The orders were divided according to capacity. Good prices were obtained. All the mills were kept busy and no surplus stocks were accumulated. The prosperity of the combine mills, however, induced many others to go into the business. Most of these recently starting up were small concerns, and were not taken into the combine. These concerns,

however, cut under the combine price and demoralized the market and the trust went to pieces.

THE TARIFF AND DEPENDENCIES.

The Supreme Court of the United States has disposed of the remaining insular tariff cases substantially on the line of the decisions rendered at the last term. In the case of the Philippines it is held that there is no tariff law in force, but that Congress may establish one. The situation is similar to that in Porto Rico after the Treaty of Peace and before the Foraker Act. The decision of the court in both these cases is that the military power of the President to establish tariffs between the United States and regions acquired by arms ceases when a state of war terminates with a treaty, but that the acquisition of territory by arms and by cession in a Treaty of Peace does not bar Congress from establishing for such terri-

GEORGE NEWTON, LTD.

GAS METER MANUFACTURERS,

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Charles Johnson & Co., VICTORIA MILLS, Liverpool, England.

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territories tariffs differing from that prevailing in the United States. The court distinguishes between territory that is "part of" and territory "belonging to" the United States, a distinction quite as obvious as that between territory as a mere geographical expression and territory in the sense of one of the organized territories which is in the course of becoming a State. The result as to the Philippines is that there is now no legal tariff on commerce between them and the United States, but that Congress has power to establish such a tariff.

The Porto Rico case which has just been decided involved the question whether duty collected in Porto Rico on goods from the United States were an export tax, repugnant to the Constitution. The court upheld the Foraker law, with three justices dissenting. The language of Justice Brown would suggest that the decision of the court was influenced in some degree by the consideration that the Foraker act was a mere temporary measure, and has already expired, but any duty levied in the Philippines on goods from the United States must involve the same questions, and must be regarded as authorized by the decision in this Porto Rican case.

—The total customs duties collected at the port of Toronto for the month of November was \$399,371.50, compared with \$327,826.50 for the corresponding month of last year; an increase of \$71,545.

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 Mortgages 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.

Niagara Falls—J. A. Thompson vs Cath. Jepson, \$2,203;
Roseneath—E. A. Lye vs O'Leary & Dennis, et al, \$455;
Toronto—E. McBrien vs T. McBrien, \$2,000; American Deposit and Loan Co. vs R. J. McKenzie et al, \$1,375; G. Lafche vs Mutual Reserve Fund Life Assn., \$1,000; Dominion Bank vs. Thomas Phosphate Co. et al, \$2,094; Brockville—G. H. Weatherhead vs P. J. Murray, \$1,341; Chinguacousy Tp.—M. M. Arnold vs J. Woods, \$742; London—Annie Flint et al vs Hodgins & Haskett, \$682; Markham Tp.—W. J. McCormack vs A. Hisey et al, \$510; Toronto—E. J. Jarvis vs R. Davies et al, \$3,000;—G. Gordon & Co., vs Imperial Lumber Co., Ltd., \$12,317; Lu-

G. F. FINISTER, Crown Street,
LEEDS, ENG.

Assembly Works,

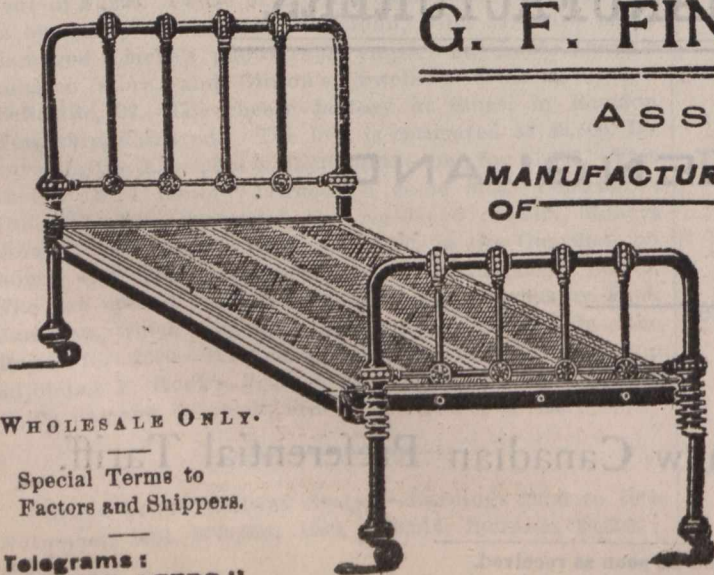
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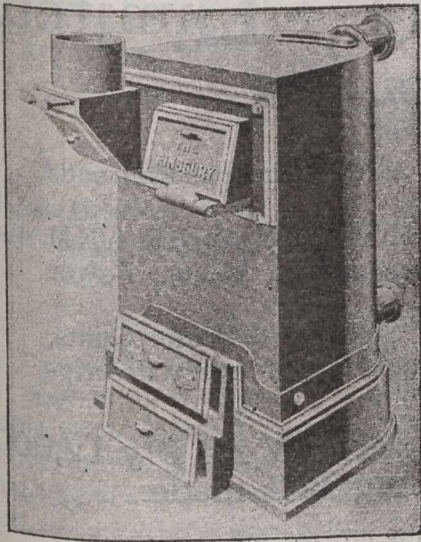


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HALIFAX, ENGLAND.

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

ther W. Tp.—J. Day vs J. H. Day, \$1,198; Madoc Tp.—W. J. Irvine vs C. Pitts, \$5,000; Raleigh Tp.—J. Scane vs J. Atkinson, \$518; Toronto—J. Smith vs B. A. C. Craig, \$10,700; Farmers' L. & S. Co. vs W. G. Mitchell, \$2,66; Weston—D. James vs T. L. Millikin, \$1,000; Winnipeg—F. Hector vs C. Mulvey, \$500.

WRITS ISSUED—BRITISH COLUMBIA.

Vancouver—Viau & LaChance and L. LaChance, \$1,125; Fernie—Mountain Trading Co., \$430; Phoenix—H. Heidemann, et al, \$10,900; Rossland—E. Dreyfous, \$790; Victoria—Mrs. M. Patterson, \$536.

WRITS ISSUED—MANITOBA & N.W.T.

High Bluff—J. D. Williams, \$600 and \$2,100; Winnipeg—G. H. Strevel, \$4,000.

JUDGMENTS RENDERED—ONTARIO.

Brockville—Ontario Bank agt D. Fraser, \$3,063; Burford Tp.—T. D. Green agt S. Mattice, \$400; Fort William—A. Martha agt A. Matthew, \$1,400; Ottawa—Crown Press—Ed Brick Co. agt J. Bourque, \$1,163; Toronto—S. H. Thompson agt W. Sprinks, \$555; Victoria, B.C.—Kingston Real Estate Co. agt T. Crate, \$6,000; London—S. C. Walsh agt S. Harris, \$1,980; Palmerston—Bank of Hamilton agt R. H. Morgan, \$365; Toronto—Pilkington Bros. agt Adamson Moulding Co., \$365; Wallace Tp.—Bank of Hamilton agt H. Barber, \$440; Cornwall—M. Eamer et al agt Cornwall Mfg. Co. Ltd., \$687; Stratford—Stratford Building & Sav. Socy. agt R. S. Porteous, \$2,693; H. Tasson agt R. S. Porteous, \$1,041.

JUDGMENTS RENDERED—QUEBEC.

Montreal—Hon. E. F. Masson et al agt N. B. Desmarreau esq., \$9,737; T. Badenack et al agt Eleanor Dunham, \$911; Eastern Japan Trading Co. agt W. S. Goodhugh et al, \$18,177; Graduates' Society of McGill University agt W. McGarry, esq., \$1,005; Westmount—R. R. H. Warden agt A. G. Walford, \$6,165; Montreal—L. N. Nash agt A. Jeffrey, \$3,715.

JUDGMENTS RENDERED—NOVA SCOTIA

Louisburg—B. F. Henderson, \$1,268, \$582 and \$1,248; Pleasant Harbor—J. C. Ross, \$687; Sydney—E. W. Moffatt, \$467; Weymouth—C. Burrell, \$568.

JUDGMENTS RENDERED—NEW BRUNSWICK.

Fairville—C. L. Doherty, \$1,446.

JUDGMENTS RENDERED—MANITOBA & N.W.T.

Dauphin—J. Clark, \$903.

EXECUTIONS—QUEBEC.

Montreal—N. L. Martin agt T. Lilley, \$304; Dme. A. Montambault agt E. Niquette, et al, \$1,039; Westmount—

Royal Institution agt G. Bradshaw, \$770; W. Kenwood agt W. H. Kenwood, \$643; St. Louis—M. Tapley agt W. Caruth, \$439.

CHATEL MORTGAGES—ONTARIO.

Byng Inlet—Holland Emery Lumber Co. to Bank of Toronto, \$350,000; Chesley—F. McQueen to C. J. Mickle, \$600; East Angus—W. J. Finlay to Canada Perm. Corp., \$7,031; Geneva Lake—C. A. McCool to Traders' Bank, \$15,000; Hamilton—H. Hogben to A. Patterson, \$2,000; Lindsay—J. E. Goslin to W. J. Goslin, \$1,000; Napanee—W. A. Rockwell to B. S. Rockwell, \$797; Norwood—D. A. Oakley to E. C. Squire, \$1,484; Ottawa—U. Ricard and wife to Elizth. S. Henderson, \$1,186; Owen Sound—P. Hume to Telford & Co., \$912; Richmond Hill—L. Lawrason to J. L. Boyle, \$1,075; Sarnia—A. Vidal to N. C. Peterson, \$2,700; Seaforth—J. Dick to Randall & Roos, \$2,900; Sheffield Tp.—J. Dillon to S. Lockridge, \$1,002; Toronto—W. G. Cross to F. S. Cross, \$800; Uttoxeter—J. J. Graham to Sutherland-Innes Co., \$3,000;—J. W. Learn et al to E. Gallow, \$616; Beverley Tp.—J. E. Sager et al to P. Wood, \$4,586; Guelph—W. H. Saunders to G. Sleeman, \$1,921; Hamilton—M. Reardon to Grant Spring Brewery Co., \$1,249; Matilda Tp.—J. McGowan to J. Robinson, \$800; Ottawa—F. G. Snider and wife to W. J. Kennedy, et al, \$1,600; Tilbury N. Tp.—A. Richard to J. Stewart, \$883;—Reid Bros. Mngf. Co. to T. M. Higgins, \$1,743; Deseronto—G. D. Bell to S. Allen, \$1,240; Elora—F. J. Capell to Dominion Drug Co., \$3,230; Hamilton—H. Kempf to J. Gompf, \$3,700; London—W. H. Mahon to Carling B. & M. Co., \$900; North Toronto—W. H. Munro to Reinhardt & Co., \$755; Orillia N. Tp.—R. Johnston et al to J. Dunn, \$1,530.

CHATEL MORTGAGES—BRITISH COLUMBIA.

Rossland—Harper & Covello, \$850; Kamloops—Margt. A. McLean, \$3,600; Rossland—Harper & Covello, \$850; Nelson—J. D. Naismith, \$1,200.

CHATEL MORTGAGES—MANITOBA & N.W.T.

Neepawa—A. McConaghy, \$6,500; Manitou—L. Moorehead, \$1,000.

BILLS OF SALE—ONTARIO.

Osgoode Tp.—Carkner & McMaster Bros., to D. Carkner, \$10,000; Toronto—Grip Printing & Publishing Co., to W. W. Doran, et al, \$10,000; J. P. Langley as liquidator, to A. M. Orpen, \$5,450; London—A. Robinson to W. H. Wortman, \$1,000; Orillia—B. R. Kean to Canada Wood Specialty Co., \$2,400.

BILLS OF SALE—BRITISH COLUMBIA.

Rossland—Columbia Bottling Works, \$1,000; Kamloops—J. T. Robinson, \$4,097; Victoria—W. H. Braden, \$2,200.

BILLS OF SALE—NOVA SCOTIA.

Beaver Bank—E. Chisholm, \$1,000.

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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, &c., &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, &c., &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.

El Padre Needles

10 Cents.

VARSIITY,

5 Cents.

The Best

~ CIGARS ~

that money, skill, and nearly half a century's experience can produce.

Made and Guaranteed by

S. DAVIS & SONS,
MONTREAL, Que.

—The woodworking factory of Geo. Roberts, Montreal, and chemical factory of Kenneth Campbell & Co., adjoining, were badly damaged by fire on the evening of the 4th instant.

The former's loss, about \$25,000. Latter about \$5,000. Insurance interests are: Mr. Roberts: Aetna, on stock, \$1,000; Alliance, on stock, \$2,000; Alliance, on building, \$4,000. Kenneth Campbell & Co.: Caledonian, on stock, \$5,000; British America, on stock, \$3,000; Northern, on plant, \$4,000; Phoenix of Hartford, on fixtures, \$1,500.

—A number of new advertisements and alterations for others arrived too late for insertion this week.

FINANCIAL.

Montreal, Thursday Ev'g

Dec. 5th, 1901.

The revenue receipts of U.S. Government for year ended 30th June last were \$699,316,530, and expenditures, \$621,598,546, leaving the surplus of \$77,717,984, which is a very handsome sum and foreshadows some decrease in taxation. The Customs revenue was \$238,585,455, and inland revenue, \$307,180,663. The postal service had a deficit of \$4,954,762. Pensions took, \$139,323,621. The States will need to look out or the pension moneys paid will take all

the revenue. The President's message had a very mild effect on the money market. He said nothing new or unexpected, or anything having any serious aspect. A few common-places about trusts, the labour problem, the Philippines, the Monroe doctrine, the building of more ships, took up the bulk of this very lengthy, very tedious, and very verbose message, the saving part being very cordial and grateful acknowledgments of foreign sympathy over the death of Mr. McKinley. London approved of the message as harmless. Consols reached 90½, with a tendency upward. A fresh issue of Consols has been made to-day. The stock market in London is dull. News of the Boers collapsing is not taken seriously, the war will end when the Boers are all in another "hunting ground," such as the Indian braves expect to reach. South Africa is being ignored as a financial factor, as the worst has been discounted. New York stocks are stagnant as they are likely to be for the rest of the month. The McCullough trial, which ended in a verdict of "Not Guilty," was not a brilliant exhibition of banking wisdom; indeed there are not a

William Partington,

ENGINEER, MACHINERY
AND TOOL MERCHANT.

WAREHOUSE:

St. Simon Street,

Blackfriars Road.

SALFORD, ENGLAND.

Town Office:

49 DEANS GATE, MANCHESTER, ENGLAND.

ESTABLISHED 1837.

William Heap & Co., Ltd.

Oldham Road Engineers' Tool Works,
ASHTON-UNDER-LYNE, ENGLAND.

Engineers' and General Tool Makers

Makers of Lathes, Drilling Machines, Shaping Machines, Slotting Machines, Milling Machines, Screwing Machines, Screwing Tackle, Clyburn Spanners, &c.
Also Roller Makers' Plant, Brass Finishers' Machines, and Bobbin and Shuttle Makers' Machinery.

Note.—In all communications please address with name in full.

Telegraphic Address, "WM. HEAP, ASHTON-UNDER-LYNE."

BROWETT, LINDLEY & CO.,

(1899)—LIMITED

Patricroft, nr. Manchester Eng.

MANUFACTURERS OF

High-Speed
Self-Lubricating

.. STEAM ENGINES ..

Two-Crank and Three-Crank Compound, and Three-Crank
Triple Expansion Type from 40 to 3000 HORSE-POWER.

Engines ON ORDER for the following Installations: corporations of Salford, Rochdale, Hull, Swindon, Kirkcaldy, Accrington, Middlesbro', Hornsey, Hendon, Beckenham, Colwyn Bay, Long Eaton. Also for Trafford Park Power Company, Sir W. G. Armstrong, Whitworth & Co., Walter Dixon & Co., British Electric Traction Company, and many others, amounting to a total of over **35,000 Horse-Power.** 33 1/3 per cent. in favor of English Dynamos.

Telegrams: Manchester
"CURRENT."

HEAD OFFICES
Ordsal Station Works.
SALFORD, MANCHESTER.

DORMAN & SMITH,

Manufacturing Electrical Engineers,

ORDSAL STATION ELECTRICAL WORKS,

Salford, Manchester, Eng.

WANTED TO BUY

An Asbestos Mine. Address with full particulars,

Rochdale,
Care "Journal of Commerce,"
Montreal,
Canada.

ferred, 8 1/2. Bank stocks: Molsons, 207; Imperial, 230; Quebec, 112; Montreal, 259; Toronto, 229; Merchants, 151. Paris, exchange, on London, 25f. 15c. Local foreign exchange, 60's, 9 1/8 to 9 1/4; demand, 9 3/4 to 9 7/8. Money rates remain unchanged.

The following is a comparative table of stocks for week ending Dec. 5th, supplied by Chas. Meredith & Co., Stock Brokers, Montreal:

Banks.	Shares sold.	Highest.	Lowst.	Average same date 1900.
Montreal	20	261	259	257
Ontario	4	126	126	124
Molsons	84	207	206	189
Merchants	85	151	151	154 3/4
Toronto	16	229 1/2	229	235

few who regard the show to have been the exact reverse of this and of what it ought to have been. Certainly it showed how very easy it was to secure large advances and then for the borrower to dispose of the securities he had pledged, without the lender's knowledge. It is delightful to have such exhibitions of Arcadian simplicity and trustfulness in these days, but some contrast the

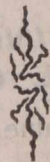
ease with which sums of \$50,000 or \$100,000 can be borrowed from bankers, and the difficulty of getting far safer loans of a more moderate amount. A big loan seems fascinating. The local stock market has been quite dull. Pacific has rallied feebly, a few sales being made at 114 to 114 1/2; Montreal St., 271 to 272; Heat & Power, 94 1/2 to 95; Twin City, 107 1/2; Toronto St., 116 1/2; Steel pre-

Iddon Brothers

INDIA-RUBBER ENGINEERS,

Brookfield Iron Works, Leyland, near Preston, England.

ENGINEERS AND
RUBBER MACHINISTS.



Plans for Erection and Completion of New Rubber Works throughout, on the Most Modern Principle.

SPECIALITIES: ALL KINDS OF RUBBER MACHINERY.

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

Telegraphic Address: "ELKANAH, HALIFAX."

National Telephone, No. 183.

Makers of all kinds of DYEING and Finishing Machinery.

ELKANAH HOYLE & SONS, LIMITED,

MILLWRIGHTS, ENGINEERS, MACHINE MAKERS,
AND IRONFOUNDERS,

F. HORATIO CLIFFE,
Managing Director.

Waterside Works, HALIFAX, ENG.

Sole Makers of Messrs. Samuel Kirk & Sons' Wood-house, Leeds, Patent Machines for Improved Cloth Finishing.

Sole Makers of Reffitt's Patent Pressing Machine for Soft Goods.

Sole Makers of Reffitt's Patent Continuous Steaming machine.

Makers of Hydraulic and Screw Presses on the most improved principles, with Telescopic and Elbow connections. Cotton Baleing Presses and Baleing Boxes, Patent Wrought-iron Steam Press Plates, and Patent Malleable-iron Glands for Press Cylinders, so that leathers can be put in without taking the plates out.

Makers of every description of Hydraulic Pumps, worked either by HAND or POWER, with or without Steam Engine attached.

Makers of all kinds of Machinery, on the most improved principles, for DYEING, DRYING and FINISHING of all kinds of TEXTILE FABRICS, such as Orleans, Cobourgs, Lastings, Serges, Paramattas, Baratheas, Henriettas, Lamas, Cashmeres, Repede-Lain, Merinos and Manile Cloths, and all other kinds of BRADFORD MANUFACTURED GOODS, viz.: Crabbing, Singeing, Scouring, Washing, Drying, Starching, Tenting, Stretching, Calendering, Morpassing and Hot-pressing Machines.

Dyeing Machines, for Blacking, Blueing, Buffing, Saddening, Chroming, Padding, Jigging and Washing-off Machines.

Melange Machinery for the Dyeing, Drying and Printing of wool "Sliver."

Stead and Gledhill's Patent Steaming Apparatus.

Stead and Appleyard's Patent Black Rolling and Steaming Apparatus.

Stead's Improved Felt-hardening Machine, Wet and Dry Finishing and Tinting Machinery, for Mohairs, Lustres, Poplins, etc.

Wet Finishing Machines, with from One to Seven Pairs of Nip Rollers, with Drying Machines attached.

Poplin Machines, for Paraffin Wax Stiffening.

Gas Singeing and Brushing Machines.

Worsted Coating Scouring Machine, to run Piece at full width.

Tinting Machines, with from One to Three Sets of Nip Rollers. Warp Dyeing Machinery, Bleaching and Sizing DRYING MACHINES, for Cotton and other Warps.

Patent Expanders, to keep pieces out at width.

Hydro-Extractors, both turned from underneath and above.

Grinding Mills, for Indigo, Lac and Argols.

Soap-scouring Machines, Milling Machines, Hot-air Tenting and Drying Machines, for the "Estamene" Finish.

Also Makers of Steam Engines for working the above Machines, either separate or combined, of all descriptions.

Messrs. Ingham and Butterfield's Patent Rigging Machines.

Calenders made with Wood, Iron, Copper, Brass, Steel, Cotton and Paper Bowls.

Horizontal Hydro-extractors with Copper Cylinder.

Damping Machines.

Cold Calendering Machines, with Five Rollers.

Improved Lancashire Jiggers.

Makers of the Newest Construction of Machines, for the Dyeing, and Finishing, of Cotton Velvets, Velvets, Plush, etc.; Treadles, Pegging Machines, Jiggers, Tubs, Cutting machines; Waxing, Painting and Brushing Machines; Lustreing, Tenting, Beating Nellies, One Cylinder Brush, and Damping Machines, Dye Vats, etc.

Hochelaga	1	140	140	.....	Dom. Cotton	950	50½	47¾	90
Quebec.	10	112	112	120	Merch. Cotton ..	10	95	95	127
Miscellaneous					Virtue	4800	24	22	24
Can. Pac. Ry.	2542	114⅞	113⅞	86	North Star	3000	27	27	95
Duluth S.S. com.	100	11	11	4¾	Dom. Coal, com..	550	47½	46½	35
Montreal St.	342	272½	271	270½	Do. pref.	50	121	121	112
Toronto St..	563	117⅞	116½	108¾	Laur. Pulp Co..	20	99½	99½	112
Halifax St.	510	100¼	99	95	Dom. I. & S, com	100	28	28	.....
Twin City	525	108	107½	66¾	Do pref.	436	81½	81	.....
Mont. Power Co.	1857	95¾	94¼	.....	Windsor Hotel .	31	85	85	.....
Rich. & Ont.	195	114⅞	112¾	106	Halifax EL. bds.	1000	104	104	100
com. Cable	50	185¼	185¼	171½	Dom. Coal, bd. .	1000	110¼	110¼	110¾
Bell Tel.	40	171	171	170	Dom. I. & S., bd	18000	83½	82⅞	.....
Mont. Cotton	107	118	117	132	Bell Tel. bd. . .	1500	112½	112½	.....

MONTREAL CLEARING HOUSE.	
Clearings.	
Total for week ending 5th	
Dec., 1901	\$19,664,473
Corresponding week, 1900..	15,852,679
" " 1899..	17,254,060
" " 1898..	16,514,612

BRAZILIAN EXCHANGE.	
For week ending Dec. 3, 1901.	
Nov. 27	11 31-32d
29	12d
30	12 1-32d
Dec. 3	12 1-16d

ORIGINAL INVENTORS, PATENTERS AND SOLE MAKERS OF

BARKER'S SELF-LANDING AND DELIVERING HOISTS

THE BEST MACHINES IN THE WORLD FOR LOADING AND UNLOADING GOODS.

Makers of all kinds of CAGE HOISTS and LIFTS to work by Hydraulic, Electric, Gas or Steam Power. Many Thousands Supplied.

Also of OVERHEAD TRAVELLING and other CRANES.

BARKER'S PATENT SELF-CLOSING AND LOCKING DOORS FOR HOIST WELL OPENINGS.

All kinds of Mill Gearing, Machine-Made Wheels, Shafting, &c.

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

If Canadians purchase these Cranes in England, they have 33½ p.c. in their favor under the new Preferential Tariff. [Cuts will be inserted when made.]

MONTREAL WHOLESALE
MARKETS.

Thursday, Dec. 5th, 1901.

The beginning of the closing month of the year shows an activity in commercial circles quite satisfactory to the large majority of those concerned. The only change in hardware has been a slight reduction in plain galvanized wire. In dairy produce butter is slow and easier in price, while cheese is firmer. Eggs command high prices owing to the steady winter weather. Good sleighing throughout the country is causing much more activity in flour, feed, and to some extent, in all lines of merchandise. The absence of snow in Manitoba last week, while plentiful in Eastern Canada, would indicate that the winters out there are moderating as speedily as the inhabitants could desire. Groceries are experiencing the full share of holiday activity.

BUTTER.

Receipts are showing a large increase and, with an entire shutting out of export demand, supplies are in excess of requirements and stocks have an easier tendency. With receivers anxious, as usual at this season, to keep stocks moving, in order to do so they are compelled to meet what unsettled and easier market. It is difficult now to make anything over 20c to 20½c for faultlessly packed choicest creamery. Average factory lots, unselected, are quoted at 19c to 19½c. Complaints are being made of the quality of winter made goods running irregular and poor. Considerable arrivals had to be rejected recently as not up to standard. In dairy butter supplies are also too large, and prices are lower. Choice to finest creamery is offered at 18c to 19c; finest selected Western, 16½c to 17c; under grades, 13c to 15c. Rolls are dull and quoted at ½c lower, with sales at 16c to 17c.

CHEESE.

The market is showing strength, but lacks activity. No large quantities are moving but indications favor an advance and stocks are held with more firmness. Finest Western is quoted at 9¼c to 9½c and mixed qualities at 8¾c to 9c.

DRESSED POULTRY.

Receipts are very heavy with the supply much in excess of requirements, as the demand, since the holiday, is limited. A large portion of present receipts shows inferior quality for which there is no outlet whatever. Prices are unsettled and showing a wide range. Turkeys are worth 7c to 9c lb.; fowls, 4c to 6c; chickens, 6c to 8c; ducks, 7c to 9c; partridges are firmer at 90c pair; hares, 25c to 30c pr.

DRY GOODS.

The seasonable weather and the approach of the holidays have made

trade active in dry goods circles, although, curiously enough the weather has been far milder in the Far West than here, and up to Saturday last there was neither snow nor sleighing in Manitoba. But travellers on the road report trade active in repeats, and there are the usual number of buyers in town to purchase holiday goods and to take advantage of the bargains that are always offered to clear up old lines at stock-taking time. Retailers are purchasing for their immediate wants materials for walking skirts weighing from 18 to 20 ounces; also broadcloths, chevots, Thibet cloths, meltons for tailor-made costumes, and fancy waistings wherever they can obtain a supply. Developments on fancy waistings have shown wholesalers that their purchases of this material will hardly cope with the demand, and they have been compelled to search the market in order to meet their obligations.

EGGS.

The market is talked strong but it is more imagination than from actual business. Stocks are offering more freely and it looks as if the top of the market had been reached for the time. Strictly new laid shipped stock is scarce and commands ready sale at 26c to 27c; selected fall, 22c to 23c. Offerings of cold storage stock are large with prices at 15c to 17c; limed, 14c to 16c. Best shipped eggs are gradually reaching the height in value placed on privately delivered eggs for select family trade, the latter fetching 50c to 60c dozen.

FLOUR AND FEED.

Corn meal shows a further advance, being now quoted at \$1.55 to \$1.60. Other coarse feeds are unchanged. There is a good demand for everything in this line, assisted by the good condition of country roads. Flour is steady at former quotations as given on another page.

GREEN FRUIT, ETC.

Cranberries hold steady at the high prices quoted in last report. New California navel oranges are arriving this week, as quoted below. Sweet potatoes have advanced 75c to \$1 per barrel. Late Liverpool cables report an active market for apples, with prices very firm. Greenings, 19s to 22s; Baldwins, 20s to 23s 6d; Spies, 17s to 22s 6d; Russets, 18s 6d to 24s 6d; Kings, 22s to 26s; seconds, 3s less. Local quotations are: — Apples brls., \$3.50 to \$5.50; California Val. oranges, \$4.50 to \$5; California navel oranges, \$4 to \$4.50; Jamaica oranges, \$4.50 brl.; Jamaica oranges in boxes, \$3.25; Florida oranges, \$4.00 per box; Jamaica grape fruit, \$4.00 per box; lemons, 360s, \$2.75; do. 300s, \$3.00 to \$3.50; chests of lemons, \$5.50; bananas, eight-hands, \$1.00 to \$1.35; No. 1 do. \$1.75 to \$2.25; extras, \$2.50; limes, per 100, \$1.50; new figs, mats, 3¼c per lb.; do. boxes, 8c to 12c per lb.; new dates, 4¼c to 4¾c per lb.; nuts, Pecans, extra large, 16 1-2c

MONTREAL CITY AND DISTRICT
SAVINGS BANK.

Notice is hereby given that a Dividend of Eight Dollars and a Bonus of Two Dollars per share on the Capital Stock of this Institution has been declared, and the same will be payable at its Banking House in this city on and after

THURSDAY, THE 2ND DAY OF JANUARY NEXT.

The transfer books will be closed from the 15th to the 31st December next, both days inclusive.

By order of the Board,
A. P. L'ESPERANCE,
Manager.

Montreal, 30th Nov., 1901.

Town of Aylmer, Ontario, Debentures

Tenders are wanted for the purchase of the following Debentures:

No. 1—\$20,000. Electric Light System. Interest calculated at four per cent per annum repayable in 20 consecutive annual instalments of \$1,471.64, comprising principal and interest on the 28th day of December, each year. First payment on the 28th of December, 1901.

No. 2—\$38,000. For Waterworks. Interest calculated at four per cent per annum repayable in 30 consecutive annual instalments of \$2,197.54, comprising Principal and Interest on the 1st day of May, each year. First payment on the 1st day of May, 1902.

Electric Light Debentures bear date 28th December, 1900.

Waterworks Debentures bear date 1st May, 1901.

Above Debentures bear interest from date of issue and are payable at the Treasurer's Office.

Each Tender must state a lump sum, and accrued interest to date of delivery.

The Corporation does not bind itself to accept any Tender. Tenders to be in the hands of the undersigned not later than seven o'clock of the 14th day of December, 1901. For particulars address:

WM. WARNOCK,

Town Treas.

Aylmer, 26th Nov., 1901.

per lb.; large, 15½c; walnuts, 12c; almonds, 12c per lb.; chestnuts, 10c; peanuts, 10c; filberts, 10c; cocoanuts, \$3.25; onions, Can., brls., \$2.50 to \$3; pears, brls., \$4.00; boxes, Can. Bart-



SEALED TENDERS addressed to the undersigned, and endorsed "Tender for Ruisseau LeBlanc Breakwater," will be received at this office until Saturday, 14th December, inclusively, for the construction of a breakwater at Ruisseau LeBlanc, County of Bonaventure, Quebec, according to a plan and a specification to be seen at the office of Ph. Bédard, Esq., Dominion Clerk of Works, Post Office Building, Quebec, on application to the Postmaster of Ruisseau LeBlanc, and at the Department of Public Works, Ottawa.

Tenders will not be considered unless made on the form supplied, and signed with the actual signatures of tenderers.

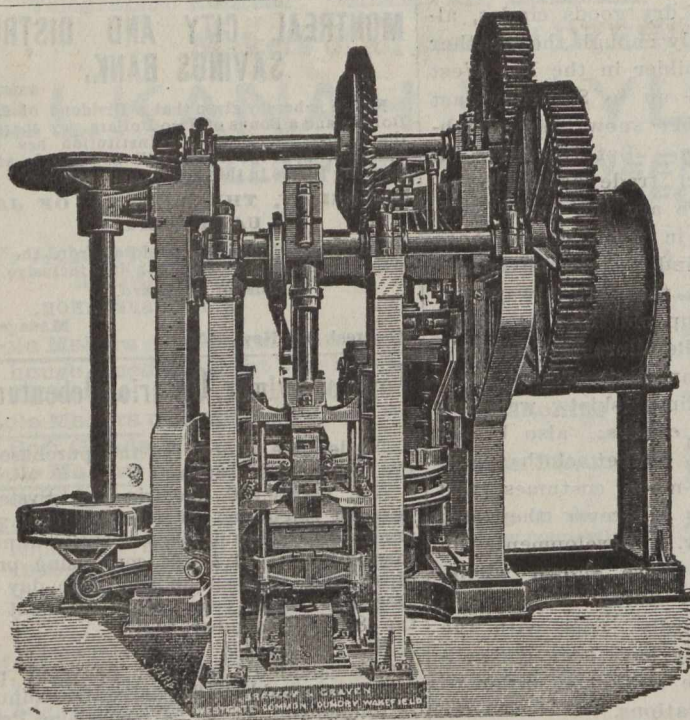
An accepted cheque on a chartered bank payable to the order of the Minister of Public Works, for two thousand dollars (\$2,000.00), must accompany each tender. This cheque will be forfeited if the party decline the contract or fail to complete the work contracted for, and will be returned in case of non-acceptance of tender.

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

By Order,
FRED. GELINAS,
Secretary.

Department of Public Works,
Ottawa, 20th November, 1901.

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



Craven's Patent Brick Moulding and Dressing Machines.

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 all 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 1/4 per cent. in favor of English Goods.

letts, \$1.65; brls. sweet potatoes, \$3.75 to \$4.25; small crates Spanish onions, \$1.00; Cape Cod cranberries, \$7.75 to \$9.50; Malaga grapes, per keg, \$5.50 to \$6.50; pines, 15c to 25c each; extra pines, 45c; evergreen, 200 ft. bundles, \$2.75; Columbia pears, \$3 per box; Corinthian grapes, \$3; Jersey sweets, \$4.25; Catawba grapes, 25c per basket; cauliflowers, \$3.50 per brl.; Cal. celery, 7 to 12 doz. crate, \$5.

GREEN HIDES.

Trade is fair. Beef hides are not arriving as freely as expected, though at this season quality is good. Lambskins have been advanced to 60c. In the New York market offerings were light as packers were sold fairly well up. Native steers were quoted at 13 1/2c to 13 3/4c. The Chicago market was dull as packers had but small supplies, and were not seeking business. Price for native steers was

13 3/4c to 14c; 1/4c less for Texas; 12 1/2c for butt brands, 12 1/4c for Colorados, 12c for heavy native cows, 10 1/2c for light do., and 10c to 10 1/4c for branded do. Country hides were strong at 9c for No. 1 buffs.

GROCERIES.

Sugars are steady in price under a good demand. There is no Acadia granulated offering on the Montreal market, it being rumoured that an agreement between the several interests had to do with bringing this about. Currants are steady at 5c to 7c, as to kind. In these a large trade is passing. Raisins are also worth 5c to 7c, as to kind. Valencia's are very firm. In Malaga loose muscatels there is no more stock in Spain. Montreal supplies are light. Coffee is gradually receding again from the height it reached some weeks ago.

IRON AND HARDWARE.

Despite the practical closing of navigation trade continues active in hardware circles, and the wholesale houses find themselves unusually busy filling orders. It is evident that retailers have purchased sparingly all the way along; for repeat orders are brisk, showing that stocks are small and well broken into. The Christmas cutlery trade has brightened matters very much. Of course trade in heavy quarters is quiet as is usual at this season of dear freight rates and the cessation of building operations. But the strength of the metal market in the United States naturally affects that here.

LEATHER AND SHOES.

Prices of leather hold firm and stocks of sole continue light. There is a fair trade passing, but as some manufacturers are just through taking stock they are buying only in small quantities. The shoe trade is devoid of special features, beyond a good trade doing in retail owing to regular and seasonable weather.

EXTRACT OF INDIGO, REDUCED INDIGO.

J. W. EASTBURN,

Raglan Chemical Works:

HALIFAX, ENGLAND.

Special prices to Canadians under the new Canadian Tariff.

OILS, CHEMICALS, ETC.

The chief feature in these lines has been the rapid advance of late in shellac, which is now 80 to 100 per cent. higher than quotations of two months ago. Linseed oils and turpentine are quiet at former figures. In chemicals, bleaching powder is firmer at 2 1/2c to 3c.

PROVISIONS.

Cold weather and the apparent presence of settled winter conditions have caused a more active demand for fresh killed hogs; as a consequence prices are a shade higher with a firmer feeling all round. Trade is quick at \$7.75 to \$8 for choice medium sizes. Smoked meats are firm at last week's prices while cured are dearer in consequence of the advance in fresh killed. Quotations are: Heavy Canadian short cut mess pork, \$21 to \$21.50; family short cut clear pork, \$21 to \$21.50; pure Canadian lard, in 20-lb. pails, 11 1/2c; compound refined do., in wood pails, 20-lb., 8 3/4c; Boar's Head brand, in 20-lb. wood pails, \$1.95 to \$2.00, and Globe at \$1.70 to \$1.80; 20-lb. tin pails, 1/4c per lb. less; hams, 12c to 14c, and bacon, 14c to 15c per lb.

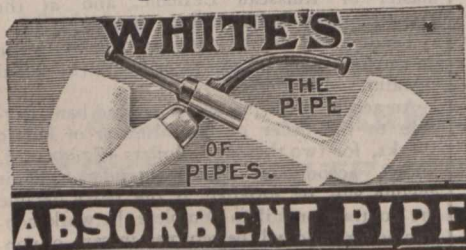
WOOL.

The local market is very quiet, but dealers do not look for much trade

ESTABLISHED 1805.

WILLIAM WHITE & SON,

WHITE'S



ABSORBENT PIPE

Glasgow, Scotland,

THE LARGEST

Clay Tobacco Pipe

Manufacturers in the World.

OF ALL DEALERS.

Bottle Washing Machinery

OUR NEW PATTERN "KINGSTON."

No. 2

22-dozen Half-pint Beers.

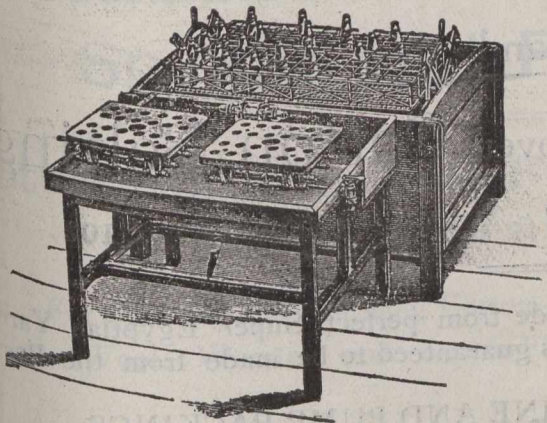
Fitted with Revolving Rinsers as shewn,

£27

with Bottle Sinker.

OVER 1,000 'KINGSTONS' are now in use.

Machines from £10 to £40.



Original Inventor and Patentee.

D. G. BINNINGTON, Kingston Machine Works, HULL, ENGLAND.

Special estimates to Canadians under the New Tariff.

STOCKS AND BONDS.

NAME.	Par Val's.	Capital Subscribed.	Capital paid-up.	Rest.	Div. last 6 Mo	Dates of Dividends.	Per Cent. Price Dec. 5 (Bid)	Cash value per S.
British North Am.....	243	4,866,666	4,866,666	1,703,333	3	Apl. Oct	199 1/4	312 68
Can. Bank of Commerce	50	8,000,000	8,000,000	2,600,000	3 1/4	June Dec	147	78 50
Commercial, Windsor..	40	500,000	350,000	60,000	1	.....	105	43 00
Dominion	50	2,500,000	2,500,000	2,500,000	2 1/2	May	244	122 00
Eastern Townships....	50	2,000,000	1,742,535	1,050,000	3 1/4	Jan July	150	76 00
Halifax Banking Co.....	20	600,000	600,000	475,000	3 1/4	Feb. Aug	158	79 00
Hamilton	50	2,000,000	1,995,750	1,500,000	5	June Dec	205	205 00
Hochelaga	100	1,500,000	1,500,000	750,000	3 1/4	June Dec	152	152 00
Imperial	100	2,500,000	2,500,000	1,850,000	5	June Dec	220	220 00
Merchants' Can.....	100	6,000,000	6,000,000	2,600,000	3 1/4	June Dec	152	152 00
Moisons	50	2,500,000	2,500,000	2,150,000	4	Oct	205	103 00
Montreal	200	12,000,000	12,000,000	7,000,000	5	June Dec	160	320 00
Nationale	30	1,200,000	1,200,000	275,000	3	May Nov	95	38 50
New Brunswick.....	100	500,000	500,000	700,000	6	Jan	300	300 00
Nova Scotia.....	100	2,000,000	2,000,000	2,582,240	4 1/4	Feb. Aug.	232	232 00
Ontario	100	1,500,000	1,390,030	350,000	2 1/4	June Dec	123	123 00
Ottawa	100	1,994,900	1,993,380	1,660,747	4 & 1	June Dec	205	205 00
People's of N. B.....	150	180,000	180,000	155,000	4	June	155	155 00
Provincial.....	25	873,487	873,487	700,000	3	June Dec	122	122 00
Quebec	100	2,500,000	2,500,000	1,700,000	3 1/4	Feb Aug	175	175 00
Royal.....	100	2,000,000	2,000,000	45,000	2 1/4	April Oct	.....	.....
St. Stephen's.....	50	200,000	200,000	750,000	5	April	233	116 50
Standard	100	1,000,000	1,000,000	2,340,000	5	June Dec	233 1/2	233 50
Toronto	100	2,340,000	2,340,000	250,000	3	June Dec	112 1/4	112 25
Traders	100	1,350,100	1,344,420	505,606	3 1/4	Mch Sept	150	75 00
Union (Halifax).....	50	800,000	800,000	154,000	3	June Dec	.....	.....
Union of Canada	100	2,000,000	2,000,000	550,000	3 1/4	Apl .....	.....	.....
Western.....	100	500,000	401,239	192,000	1	Jan July	.....	.....
Agri. Sav. and Loan Co	50	630,200	630,200	800,000	4 1/4	Jan	171	171 00
Bell Telephone Co.....	100	5,000,000	5,000,000	120,000	2 1/4	Jan July	128	128 00
Brit. Can. Loan & Inv. Co...	100	1,987,900	398,481	130,000	3	Jan	54	54 00
Brit. Mortg. Loan Co.....	100	450,000	289,214	130,000	3	Jan	90	90 00
Can. Colored Cot. Mills Co...	100	2,700,000	2,700,000	350,000	3	Jan July	115	57 50
Can. Landed & Nat. Inv't Co.	100	2,008,000	1,004,000	1,490,057	3 1/2	Jan July	114	57 00
Can. Per. & W. Can. M. Corpn.	10	5,951,350	5,951,350	260,000	3 1/2	Jan July	136	136 00
Can. Sav. & Loan Co.....	50 & 7 1/2	750,000	750,000	450,000	1 1/2	Jan July	72	36 00
Central Can. Loan & Sav. Co	100	2,500,000	1,250,000	30,000	2	July Dec	124	62 00
Dominion Sav. and Inv. Co.	50	1,000,000	984,200	.....	1 1/4	Jan	48	48 00
Dominion Telegraph Co.....	50	1,000,000	1,000,000	.....	6	Mar	112	112 00
Dominion Cotton Mills Co...	100	3,333,600	3,333,600	356,759	3	Jan	135	135 00
Hamilton Prov. and Loan.....	100	1,500,000	1,100,000	200,000	3 1/4	Jan July	179	89 50
Home Sav. and Loan Co.....	10	2,000,000	200,000	890,000	4 1/4	Jan July	70	70 00
Huron & Erie Loan & Sav. Co	50	3,000,000	1,400,000	175,000	3	Jan July	111	111 00
Imperial Loan and Inv. Co.	100	732,724	732,724	210,000	3	Jan July	68	34 00
Landed Banking and Loan	100	700,000	700,000	87,500	3	Jan	110	50 00
London & Can. Loan and Ag.	50	1,000,000	877,267	160,000	3	Jan	55	55 00
London Loan Co.....	50	679,700	679,700	50,000	.....	Jan	171	68 40
Manitoba & North-W. Ln Co	100	1,500,000	375,000	.....	2	Jan	241	96 50
Montreal Telegraph Co.....	40	2,000,000	2,000,000	.....	5	April	274	137 00
Montreal Gas Co.....	40	3,000,000	2,998,640	560,313	2 1/4	Feb.	120 1/2	120 50
Montreal Street Ry. Co.....	50	5,000,000	4,500,000	600,000	4	Mch.	95	95 00
Montreal Cotton Co.....	100	1,400,000	1,400,000	.....	4	Feb	137 1/2	34 37
Merchants Cot. Co.....	100	1,250,000	1,250,000	360,000	3 1/4 & 1	Mch .....	.....	.....
Montreal Loan and Mortg.....	25	500,000	500,000	150,000	3	Jan	121 1/4	60 75
Ont. Indus. Loan and Inv.....	100	466,800	314,386	585,000	2	Jan	24	12 00
Ont. Loan and Deb. Co.....	50	2,000,000	1,200,000	.....	.....	Jan	70	35 00
Real Est. Loan and Dep. Co.	40	600,000	600,000	50,000	2	Jan	114 1/4	114 50
Real Est. Loan Co.....	40	373,720	373,720	162,355	3	May	240 1/2	120 50
Richelieu and Ont. Nav. Co.	100	2,088,000	2,088,000	320,155	.....	Jan. ..	126	78 50
The Royal Electric Co.....	100	2,250,000	2,250,000	.....	.....	Jan. ..	108	108 00
Toronto Electric Light Co..	100	2,000,000	2,000,000	250,000	2 1/4	Jan. ..	112 1/2	112 50
Toronto Mortgage Co.....	50	1,445,860	724,540	.....	.....	.....	.....	.....
Toronto Street Railway.....	100	6,000,000	6,000,000	.....	.....	.....	.....	.....
Windsor Hotel .....	.....	.....	.....	.....	.....	.....	.....	.....

* Paying quarterly dividends.

just now. A dealer in Canadian reports being sold months ahead on pulled wool. Prices of imported wools are firm at former figures. Cape, 13 1/2c to 15c. No Chilian wool on the market. B.A.'s are very quiet at 30c to 32c. The woollen mill at Cornwall, Ont., is reported about to close for a time. At the London auction now proceeding choice Australian wools are being picked up by United States' buyers at extra figures. Crossbreds are easier at a decline of 5 to 7 1/2 per cent. from former closing sales. The offerings on the 3rd inst., says a London cable, numbered 12,629 bales; including a large selection of superior grades; competition was spirited; merinos selling at top prices; fine crossbreds sold well, chiefly to the home trade. Cape of Good Hope and Natal offerings were steady. Some superior lots were taken by American buyers. Following are the sales in detail: — New South Wales—4,500 bales; scoured, 4 1/4d to 1s 7 1/2d; greasy, 3 1/4d to 11 1/2d. Queensland — 2,200 bales; scoured, 8 1/2d to 1s 6 1/2d; greasy, 6 1/4d to 9d. Victoria—1600 bales; scoured, 7d to 1s 6 1/2d; greasy, 6 1/4d to 9d. South Australia—900 bales; scoured, 6 1/4d to 9d; greasy, 3 1/4d to 8d. West Australia—400 bales; scoured, 10d; greasy, 3d to 8 1/2d. Tasmania— 200 bales; scoured, 9d; greasy, 3 3/4d to 5d. New Zealand—2,300 bales; scoured, 9 1/2d; greasy, 2 3/4d to 5d. Cape of Good Hope and Natal—500 bales; scoured, 4d to 1s 1 1/2d; greasy, 3 1/2d to 7 1/4d.

THE DOMINION COTTON MILLS CO.

The resignation of Messrs. C. R. Whitehead and L. G. Craig, as joint managers of the Dominion Cotton Mills Company represents the final settlement of a cause of friction which has militated against the prosperity of the company and brought down the value of its shares to 50 per cent. Whether the policy advoc-

RITCHIE LETHAM, Ltd.,

SOLE WEAVERS OF THE

"Union" Hair Belting and the
"Hercules" Solid Woven Cotton Belting

Telegraphic Address: "LETHAM, OLDHAM."

Telephone, No. 102

"COTOS" is an Improved Tubular Banding made from perfect Super Egyptian Yarn. The Warp used in the manufacture of this Belting is guaranteed to be made from the BEST quality of the yarn known as Camel Hair Yarn.

Special lines in "Self-Lubricative" STEAM ENGINE AND PUMP PACKINGS.
Samples and prices free on application.

Address: Waterloo Mills, Oldham, England.

Special Prices to Canadians under the New Tariff. (Cuts will be inserted when made.)

cated by Messrs. Whitehead and Craig, or that of the directorate, would have been most advantageous, remains yet to be proven by the outcome. But the importance of putting an end to internal dissensions and divided counsels every business man will admit. The change in the management involves one also in the selling agents. On the first of the month the agency was placed in the hands of Messrs. Stevenson, Blackader & Co., who will in future handle all the output of the mills. The new general manager of the mills will be announced upon the return of Messrs. A. F. Gault and Stevenson from Boston to-morrow.

RITCHIE-LETHAM, LIMITED.

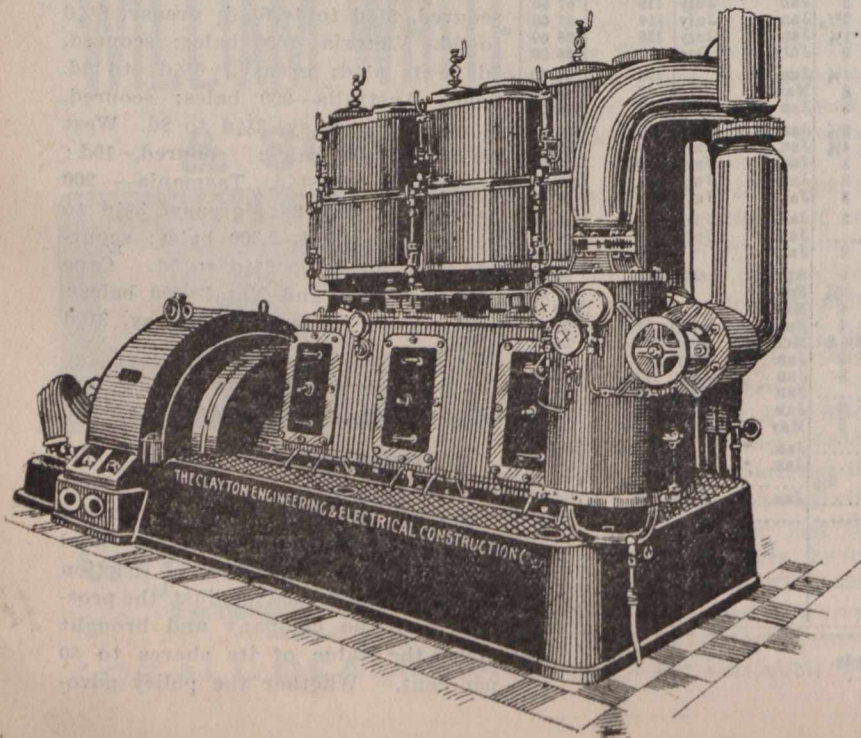
There are few quarters of the globe in which the name of Ritchie Letham,

Limited, manufacturers of specialties in woven beltings, tubular spindle bandings, steam engine and pump packings, and india rubber articles, as applied to engineering and mechanical purposes, Waterloo Mills, Oldham, England, are not known, and associated with the highest standard qualities of their varied productions in machine belting, tubular spindle bandings, and steam engine and pump packings. Letham's "self lubricative" steam engine, pump, and hydraulic packings are famous in the engineering world, as are also the "Hercules" and "Union" beltings of which this old-established firm are the sole makers. These, however, are not the only noted productions of the firm, for they manufacture also a large amount of tubular cotton spindle banding for mules, ring frames, and similar purposes, and in

addition to their own productions they deal extensively in india rubber goods of all descriptions, asbestos products, and various other accessories for users of steam power.

The business of the firm is one of great magnitude, and is in fact one of the oldest of its kind in Oldham. It was founded in 1820, by Mr. Wm. Scott, the grandfather of the present partners, Messrs. James and William Letham, who succeeded to the proprietorship in 1890, on the death of their father, Mr. Ritchie Letham, under whose name the business is still carried on. The firm may, therefore, be said to possess the accumulated experience of close on four score years, during which the business has been in the same family. Ever since they commenced manufacturing they have been unremitting in the study of steam-

The CLAYTON ENGINEERING & ELECTRICAL CONSTRUCTION COMPANY, Limited



HEAD OFFICE AND ENGINE WORKS:
Newton Hyde, near Manchester, Eng.

ELECTRICAL WORKS:
Clayton, near Manchester, Eng.

Telegraphic Address: "DYNAMO, HYDE."
Telephone: No. 62, HYDE.

DIRECT-COUPLED.....

High-Speed Plants

for

Traction or Lighting.

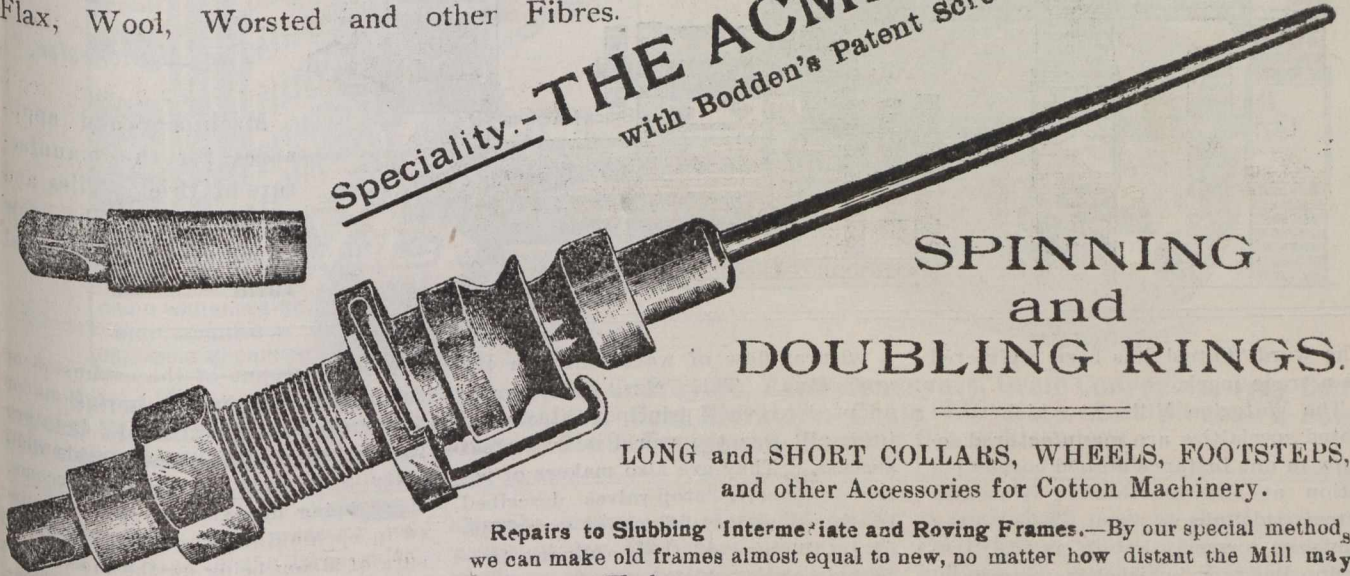
WILLIAM BODDEN & SON, Limited.

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 method, 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.

users' requirements, availing themselves of every improvement and introducing many valuable original improvements of their own, as the result of long and costly practical experiments; as a consequence their manufactures are famed for their durability, and are acknowledged both by experts and practical users to be the most perfect and economical productions of their kind in the market. There is now a most extensive de-

mand for their "self-lubricative" packings for steam engines, pumps, hydraulic purposes, refrigerators, etc., and large stocks are held of many various kinds and assorted sizes. The "Hercules" is a splendidly-finished solid-woven hair belting, the warp of which is guaranteed to be wholly composed of the yarn known as camel-hair yarn, while every belt turned out is thoroughly stretched by special machinery. After close observation for

many years of the needs of banding users, they have recently introduced the "Cotos" brand as an improved tubular banding giving the maximum strength, of durability, and a greater production of better quality of yarn in spinning and doubling. It is made from perfect super Egyptian yarn; is largely waterproof, and thus peculiarly adapted for doubling frames where the extreme dampness causes ordinary bandings to tighten and break.

Established 1870.

Telegraphic Address: "ARTESIAN, Manchester."

Water Supplies

Increased Threefold by
THOMAS MATTHEWS' PATENT

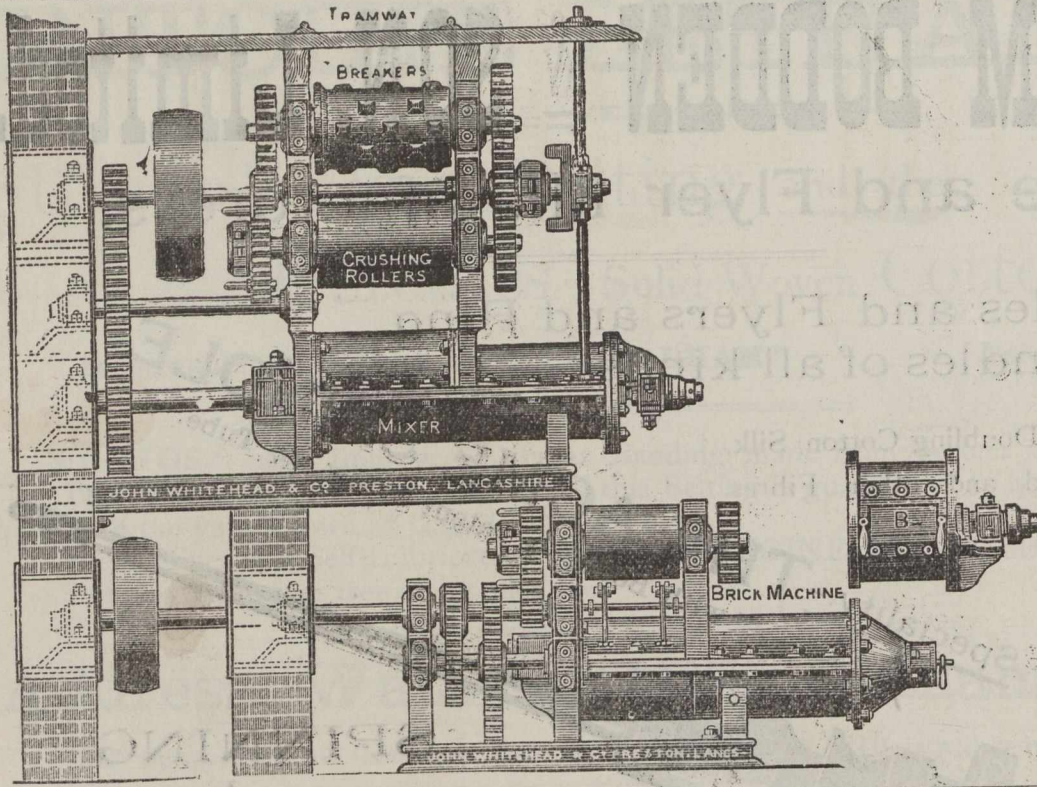
Deep-Well and Bore-Hole Pump

Specially Adapted for all Trades
requiring Large Quantities
of Water.

BORE HOLES ANY SIZE and DEPTH. Consultations in respect to Water Supplies. Careful Analysis made of Water from Bore Holes, and Reports as to their Suitability for Manufacturing Purposes. IMPROVED TUBE-DRIVEN WELLS. MILLWRIGHTING, STEAM ENGINES of every description, &c. Prompt Personal attention to Repairs and Breakdowns.

THOS. MATTHEWS, HYDRAULIC ENGINEER, Pendleton, Manchester, ENGLAND.

Special terms to Canadians under the New Preferential Tariff.



Telegraphic address :—
 "Bricliffe, Preston."
 A. B. C. Code, 4th Edition.

**John Whitehead & Co.,
 Limited.**

**Albert Works,
 PRESTON, ENGLAND.**

Brickmaking Plant

"The Manchester."

Machinery and appli-
 cances for the manufac-
 ture of Bricks, Tiles and
 Pipes, under the new
 Canadian Preferential
 Tariff.

The word "Cotos" has been registered as a trade mark.

The Waterloo Mills, at which these noted specialties are manufactured, occupy in one instance a good corner position at the junction of Waterloo street and Robson street, and also the premises formerly known as the "Waterloo Brewery," which have been practically rebuilt with a large and convenient weaving shed. Large stocks are held at the works, and in the central warehouse at 15 Yorkshire street, and every facility is provided for the rapid transaction of business, a private telephone connecting works, warehouse and office. In addition to this they have just erected magnificent works in Oldham, a cut of which will shortly appear in the Journal of Commerce. Under the new Canadian tariff, they should do a large and profitable business with Canada.

RAILTON & CAMPBELL,

Railton & Campbell are the inventors and patentees of corrugated and ringed filters for marine and land boilers. They may be addressed care of David Crawford & Co., engineers, of Liverpool, Eng. Their invention relates to apparatus for filtering and purifying water for feeding steam boilers supplying hydraulic installations, and other purposes. It is designed to provide a large filtering area, from 200 to 1,000 times that of the feed pipe as may be required, and give

a natural flow of water through the apparatus. This class of filter is adopted by the principal steamship lines all over the world with perfect success. They are also makers of patent expansive stop-valves described to overcome the difficulties experienced in the use of the ordinary two-seated valves, which have always been a source of trouble to keep steam-

tight, on account of the expansion of the metals, due to the variations of temperature. With the R. & C. expansive stop-valve, class A, this difficulty has been entirely overcome, there being no extra leverage required in opening and shutting. The pressure of steam being on the face of the smaller valve no leverage is necessary for opening purposes. On opening the

**OIL Lubricating
 Burning**

In Casks, Barrels
 or Drums.

Specially Prepared
 for Export.

JAMES LIGHT & SON, LIMITED
 LIADGO WORKS and 9 Rumford St.,
 LIVERPOOL, England.

Cables to "LIGHTHOUSE."

Cog,
 Locomotive,
 Antifriction,
 Water-Wheel,

GREASE

Telegrams:—"PUMPHREY, Glasgow."

W. & M. PUMPHREY, Bridal & Banquet Sugars.
SUGAR MILLERS,
 Crownpoint Road, - Glasgow, Scotland.

And at Thornaby-on-Tees,
 London & Manchester England,

icing
 and
 Caster

SUGARS

as
 they
 Should
 be!

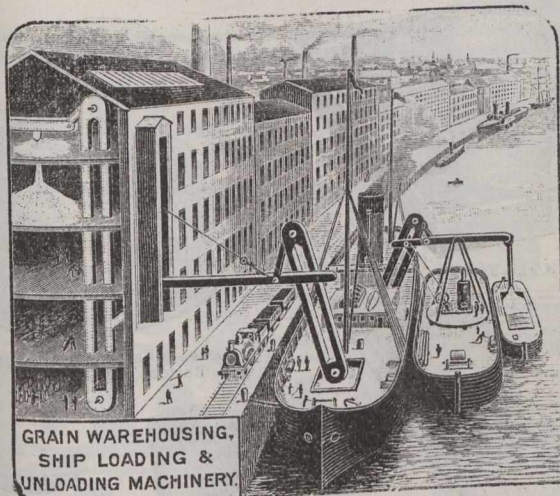
Special Prices to Canadians
 under the New Tariff.

Contractors to H. M. GOVERNMENT.

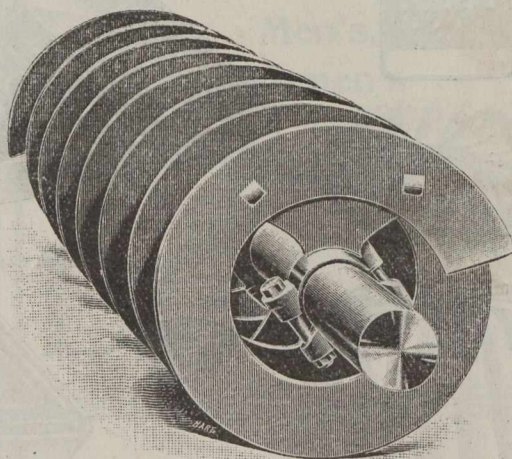
Telegrams : "CONVEYOR, ACCRINGTON."

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.

controlling valve, the pressure of steam on the face of the large valve is equal to that on the back of same, thereby causing valve to recover equilibrium instantaneously. The controlling valve can be opened up as required for heating the cylinder or even for the purpose of working the engines in port, still leaving the large valve on its seating, with a light load derived from the spring on back of same.

Another specialty is Railton & Campbell's patent ash-hoist in which the purchase being made on the negative side the necessary amount of steam and the number of pulleys required are supplied according to the height of the lift. When ordering, it will be necessary to give the lift required and

also the pressure of steam, to make provision for the exact length of stroke. For lowering with empty hook, a balance weight is provided to supply the weight necessary to raise the piston. For lowering a load of material, the load, being lifted from the platform into the ventilator by the admission of steam, can be lowered at any desired speed, according to the rate at which the steam is allowed to exhaust. In all cases the exhaust must be absolutely open to atmosphere or waste steam pipe, and the inlet air valve at bottom of the cylinder hangs in vertical form to give the same freedom for drawing in air as the piston is raised. When the steam is applied to the top of the piston, it discharges the air through

a small drain cock at the bottom of the cylinder, which acts as a cushion and can be regulated to allow the compressed air to be discharged at any given speed. The machines are almost free from wear and tear, and require only a very small supply of steam, a 1-4 inch pipe only being used for the steam inlet.

Among the firms supplied with this useful invention are: Indian Government, White Star Line, Liverpool; Cunard S.S. Co., Liverpool; Dunsmuir & Jackson, Glasgow; Scott & Co., Greenock; Denny & Co., Dumbarton; John Brown & Co., Ltd., Clydebank; Fairfield S. and E. Co., Glasgow; North-Eastern Marine Engineering Co.; Red Star Line, Antwerp and Philadelphia, U.S.; Compania Sud Americano, Val-

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

TRADE PRICE :

1/2 lb. tins.....	\$1.20
1 lb. tins.....	\$1.25
2 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.

RIPANS

The symptoms of my trouble were the day before they came on I would have a bad taste in my mouth, my head all stopped up so I could hardly breathe and there would be a severe neuralgic headache for twenty-four hours. This would happen every seven days and the pain was something terrible. Of all this I am now relieved. I found no permanent cure until I tried Ripans Tabules as the directions called for. Now I am positive that I am permanently cured.

At Druggists.

The Five-Cent packet is enough for an ordinary occasion. The family bottle 60 cents, contains a supply for a year.

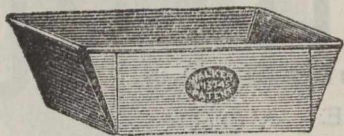
WALKER & HOLROYD,

GENERAL STAMPERS, PIERCERS,
AND SHEET METAL WORKERS.

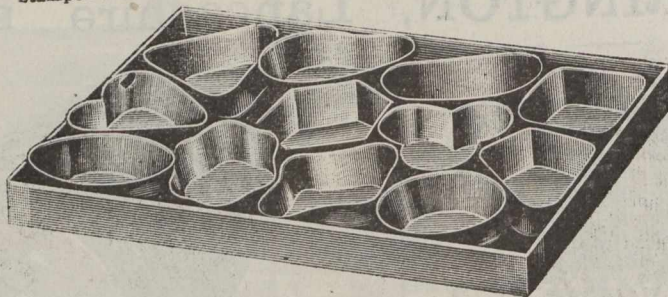
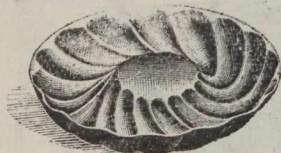
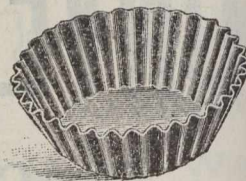
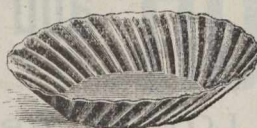
PIONEER WORKS, THORNBURY, BRADFORD Yorksh.re, Eng.



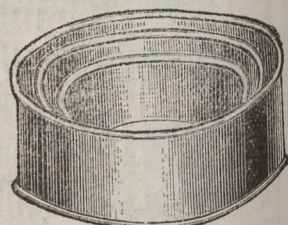
Vegetable Grater.



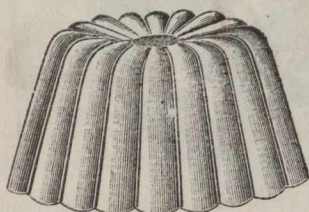
Stamped Seamless Bread Tin.



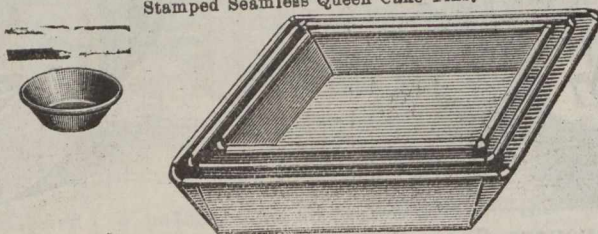
Stamped Seamless Queen Cake Tins.



Loose & Fast Bottom } CAKE MOULDS.



Stamped Steel Jelly Mould.



Seamless Drip Tin.



JOHN PICKLES & SON,

Saw-Mill Engineers and Wood-Working Machinists,

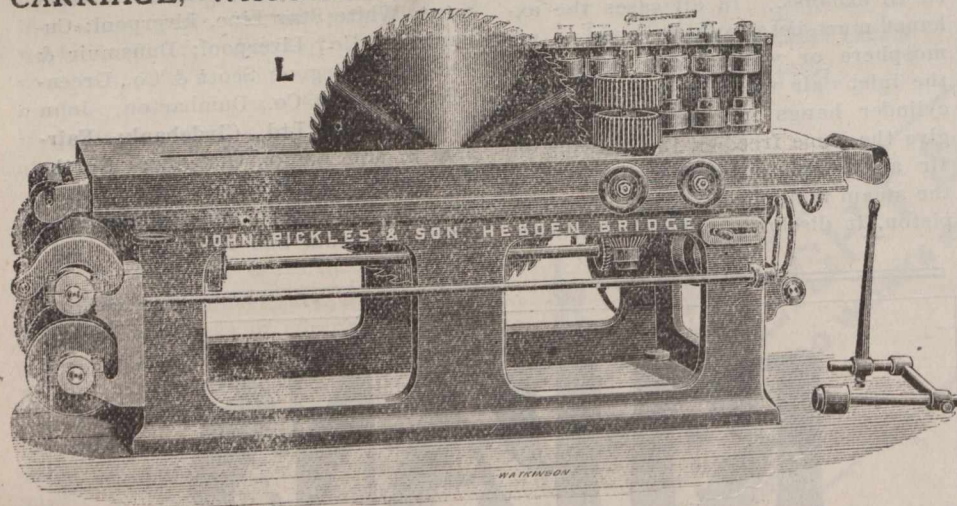
HEBDEN BRIDGE, ENGLAND.

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.



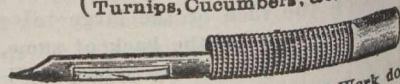
Engines, Boilers, Shafting, Saws, &c.

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.

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 MAKER:
R. E. COLLINGWOOD, Rochdale, Eng.
Special prices to Canadians under the New Tariff.

INVESTMENTS.

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

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

paraizo; M'Kill S.S. Co., Glasgow; Houston Line, Liverpool, etc.

L. GARDNER AND SONS, LIMITED.

L. Gardner and Sons, Limited, manufacturers of oil, gas, and spirit engines are located at the Barton Hill Engine Works, at Patricroft, an industrial town six miles west of Manchester, on the main line from Manchester to Liverpool. The works, together with spare land occupy 4 acres. The main building consists of six bays, devoted to machinery and erect-

TAYLOR & WATKINSON,

Patentees and Inventors of

MACHINE-CAST PRINTERS' LEADS,

Clumps and Metal Furniture.

Peter's Yard, Church Lane, Kirkgate,
LEEDS, ENG.

Printers' Leads 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.

BRAMLEY, LEEDS,
ENGLAND.



WARRANTED
ALL
LEATHER.

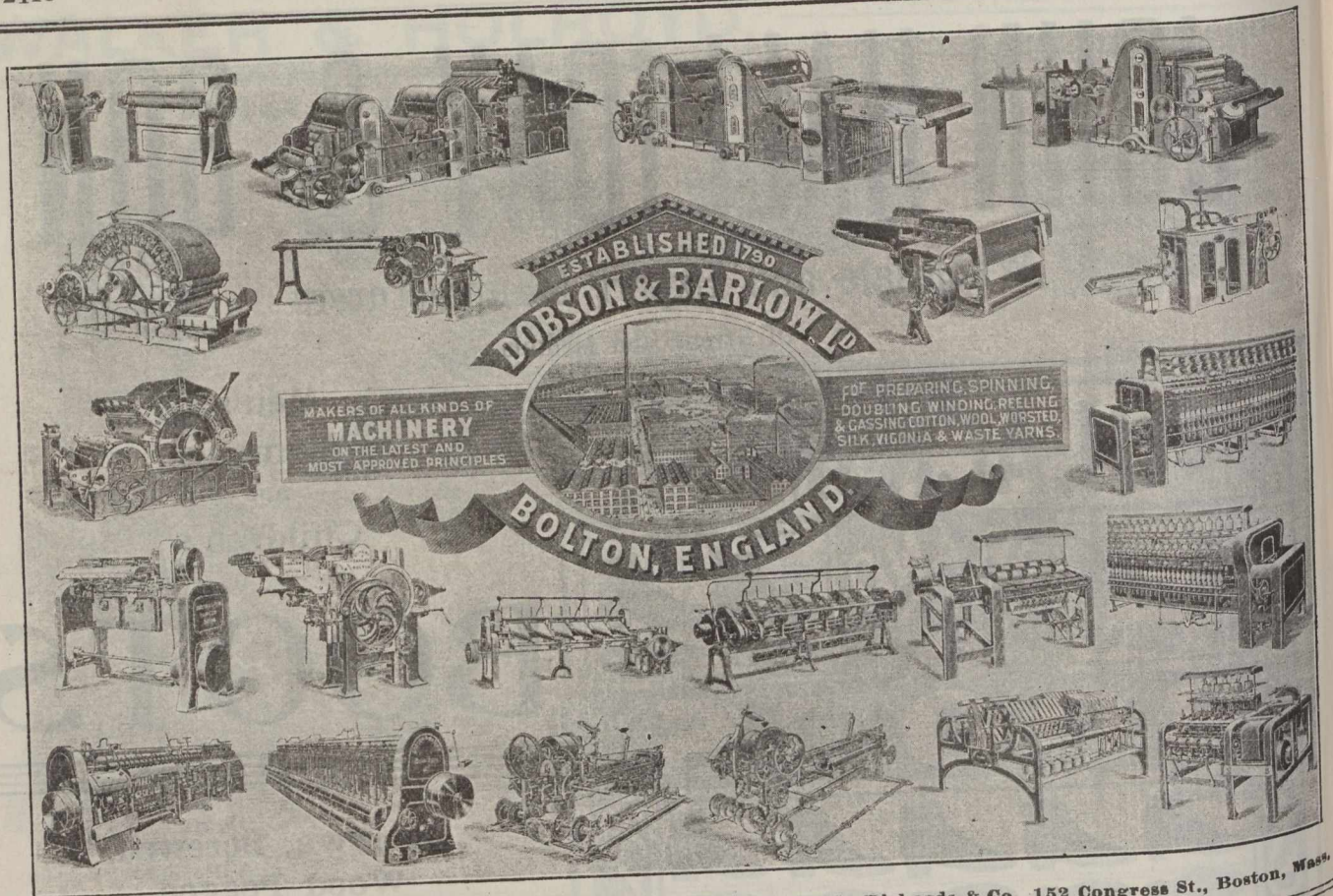
MONTREAL WHOLESALE PRICES CURRENT.
THURSDAY, DECEMBER 5, 1901.

Name of Article.	Wholesale
Drugs & Chemicals	
Acid Carbolic Cryst medi.	\$ c. \$ C.
Aloes, Cape.	0 35 0 40
Alum.	0 16 0 18
Borax, zils.	1 40 1 75
Brom. Potass.	0 05 0 07
Camphor. Ref Rings.	0 70 0 80
" " " " " " "	0 00 0 80
" " " " " " "	C 80 0 85
Citric Acid.	0 40 0 45
Citrate Magnesia lb.	0 25 0 45
Cocaine Hyd. (oz).	6 50 7 00
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
" " " " " " "	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
Opium.	1 25 1 50
Oxalic Acid.	4 00 4 25
Phosphorus.	0 07 0 10
Potash Bichromate.	0 50 0 75
" " " " " " "	0 08 0 10
Quinine.	3 00 3 40
Strychnine.	0 35 0 45
Tannic Acid.	0 65 0 80
" " " " " " "	0 30 0 35
Heavy Chemicals.	
Bleaching Powder.	2 50 3 00
Blue Vitriol.	5 50 7 50
Brimstone.	2 00 2 50
Caustic Soda.	2 25 2 50
" " " " " " "	2 50 2 75
Soda Ash.	1 25 1 50
Soda Bicarb.	1 75 2 25
Sul. Soda.	0 75 0 85
" " " " " " "	1 50 2 00
Dyestuffs.	
Archil, con.	0 27 0 29
" " " " " " "	0 08 0 09
" " " " " " "	0 09 0 12

ing, and includes a very finely equipped tool room for the manufacture of special tools and jigs for the production of engines in large quantities. Besides the main building there are sundry small buildings, comprising offices, stores, pattern shop, battery house, etc. The whole of the works are lighted by electricity, generated by their own plant—Gardner oil engines and dynamos. The works have been thoroughly brought up to date, and none but the most modern methods are used. The company have recently laid down some very costly machinery for the economical production of very accurate work. The works are personally supervised by the directors, who in addition to this are continually conducting laborious experiments and tests in order to put the company right into the front rank as experts in internal combustion engines. Their specialty is internal combustion engines to work with a variety of fuels, gaseous and liquid; petroleum, the various petroleum spirits such as gasoline and benzoline, alcohol (methylated spirit), ordinary town gas, and producer gas. All these engines are made in a variety of types—ordinary stationary engines, vertical or horizontal, high-speed vertical engines for launches, similar engines for coupling direct to dynamo. They have now between 2,000 and 3,000 of these engines working successfully both at home and abroad.

MONTREAL WHOLESALE PRICES CURRENT
THURSDAY, DECEMBER 5, 1901.

Name of Article.	Wholesale.
Fish.	
Chip Logwood.	\$ c. \$ C.
Indigo (Bengal).	1 50 1 75
Indigo Madras.	0 70 1 00
Gambler.	0 07 0 09
Madder.	0 69 0 72
Sumac.	60 00 65 00
Tin Crystals.	0 25 0 30
Fish.	
Bloaters, per box.	0 00 1 00
Labrador Herrings, N.F.	0 00 0 00
Herrings, Nova Scotia.	0 00 5 50
Mackerel No. 2, brls.	0 00 12 50
" " " " " " "	6 00 6 50
" " " " " " "	0 00 5 50
Green Cod, No. 1.	0 00 6 50
Green " large.	0 00 4 50
No. 2.	5 00 5 25
Large dry Gasps per qntl.	12 50 14 00
Salmon, brls Lab.	0 00 7 00
Salmon, (half brls)	0 00 12 50
" " " " " " "	0 04 0 05
Boneless Fish.	0 05 0 06
" " " " " " "	4 50 4 75
Skinless Cod, case.	0 00 3 00
N. S. Salt Herrings, in half-barrels	0 00 0 00
Salt Lake Trout, half-brls.	0 00 0 00
Salt Whitefish.	1 55 1 60
Loch Fyne Herrings, keg.	1 10 1 15
Flour.	
Winter Wheat patents.	3 65 3 90
Manitoba patents.	0 00 4 10
Straight roller.	3 40 3 50
" " " " " " "	1 65 1 75
Strong Bakers.	0 10 3 80
Superfine.	0 00 0 00
Rolled Oats.	5 40 5 50
Corn meal, bag.	1 55 1 60
Bran bulk.	19 00 20 00
Shorts.	21 00 23 00
Mouille.	24 00 27 00
Farm Products.	
Butter, Choicest Cr.	0 20 0 20
2nd Grade do.	0 18 0 19
Townships Dairy.	0 18 0 19
2nd Grade " "	0 16 0 17
Western " "	0 16 0 17
Good to choice.	0 14 0 15
Fresh Rolls.	0 16 0 17



Sole representatives in the United States and Canada, Messrs. Stoddard, Haserick, Richards & Co., 152 Congress St., Boston, Mass.

MONTREAL WHOLESALE PRICES CURRENT THURSDAY, DECEMBER 5, 1901.

Name of Article.	Wholesale	
	\$ c.	¢ c.
Farm Products.—Con.		
CHEESE:		
Finest, col'd.	0 09	0 09
Eastern.	0 08	0 08
Inferior.	0 00	0 00
Eggs: New shipped.	0 26	0 27
Sel. fall.	0 22	0 23
Cold Storage.	0 16	0 17
Limed.	0 14	0 16
No. 2.	0 13	0 14
Hops: N. Y. State, per D.	0 14	0 15
Pacific Coast,	0 14	0 14
Canadian	0 12	0 19
German	0 28	0 35
English	0 30	0 00
British Columbia	0 18	0 26
Hoe PRODUCTS:		
Bacon, smoked, per D.	0 14	0 15
Hams, city cured,	0 12	0 14
Pork Ca. s.c. per bbl.	0 00	19 00
do merr.	18 00	18 50
Dressed Hogs, light.	0 00	8 00
do heavy.	0 00	7 75
Lard, per D Can pure.	0 11	0 11
Com. Refined.	0 07	0 08
SUNDRIES:	0 75	0 80
Potatoes, per bag.	0 12	0 13
Honey, White Clov., Comb.	0 08	0 10
Extracted.	0 25	0 30
Beeswax.	0 00	0 00
Beans: prime.	2 10	2 20
do. Best hand-picked.		
Groceries.		
Canned Goods:		
Lobsters, 1/2 to 1 lb.	1 75	3 25
Sardines, 1/2	7 00	17 00
Canadian Sardines	3 75	4 00
Mackerel	1 00	1 10
Salmon, 4 doz. case	3 60	5 00
Clams, 1-lb tins, per	0 90	1 00
Oysters	1 15	1 40
Tomatoes, 3s. per doz.	0 80	0 90
Peaches, 2-lb.	1 65	1 80
3-lb.	2 25	2 50
Pears, 2-lb. tins, per doz.	1 50	1 60
Strawberries, Pres'd 2s.	0 00	1 65
Raspberries 2s.	1 45	1 60
Pineapples, 3-lb tin, p. doz.	2 30	2 40
Gooseberries Pres. 2s.	0 00	1 50
4'n Gages, 2-lb. tins, p. d.	1 30	1 50
Blue Plums, 2 lbs	1 00	1 10
Corn, 2 lb. tins.	0 80	0 85
Pass, 2-lb tins.	0 82	0 90
String Beans	0 80	0 85
Sugars: Factory.		
Ex Granulated, bris.	0 00	4 10
Acadia gran'd.	0 00	4 05
Ex Ground, in bris.	0 00	4 85
in bxs.	0 00	5 05
Powdered, in bris.	0 00	4 60
boxes	0 00	4 75
Paris Lump, in bris.	0 00	4 5
half bris.	0 00	4 95
100-lb bxs.	0 00	4 85
50-lb bxs.	0 00	4 95
Beanded Yellows.	3 25	3 90

A CENTURY'S PROGRESS.

The Evening Post saw coal first mined in America in 1806 and Fulton's first steamboat in 1807; gas first used for city lighting and the time between New York and Philadelphia reduced to twelve hours in 1816; in 1817, the Erie Canal begun; in 1819, the first Atlantic steamship; in 1830, the railroad system begun; in 1834 the machine reaper, and in 1893, india rubber; the telegraph in 1844 and the rotary printing press in 1847; in 1848, the gold discoveries, bringing in their trail of results the Pacific Coast. In the second half of the century there have come Bessemer steel, the ocean cable, the telephone, electric lighting and power, wood pulp paper and type-setting machines.

SOLICITING TRADE.

The commercial traveller fills a unique place in the world of commerce. When the industrial trusts began to be common it was announced that a leading object was to save the expense of soliciting business. Exaggerated estimates were made of the number of commercial travellers who had been thrown out of employment. The investigations of the Industrial Commission show that discharge of travelling men has not been great and occasionally a combination has put travelling men in the field, though the constituent companies had not done so, or has increased the number of travelling men.

Apparently the solicitor of trade, whether called a selling agent, or a commercial traveller, or a jobber, is

MONTREAL WHOLESALE PRICES CURRENT THURSDAY, DECEMBER 5, 1901.

Name Article.	Wholesale	
	\$ c.	¢ c.
Molasses (Barbados)	0 28	0 29
do bris. & 1/2s.	0 34	0 34
Evaporated Apples.	0 00	0 10
Raisins:		
Sultanas	0 09	0 10
Loose Musc. Malaga.	0 08	0 10
Layers, London.	0 00	2 00
Con. Cluster.	0 00	2 75
Extra Dessert.	0 05	0 05
Royal Bucking'm	0 05	0 05
Valencia	0 06	0 07
Selected.	0 06	0 05
Layers	0 00	0 05
Currants, Provincials	0 00	0 07
Fillatras	0 00	0 07
Patras	0 07	0 08
Vostizzas.	0 04	0 00
Prunes, Cal.	0 03	0 15
do French	0 08	0 10
Figs in bags.	0 00	1 10
new layers.	0 12	1 20
Baking Soda, 112 lb. keg.	0 90	1 10
Spices: Cassia, mats	0 15	0 00
Mace, chests	0 35	0 00
Cloves	0 08	0 14
Nutmegs	0 07	0 10
Jamaica ginger, bl.	0 09	0 12
" unbl.	0 10	0 12
African "	0 17	0 19
Pimento	0 25	0 20
Pepper, Black	0 72	0 25
White	0 23	0 30
Mustard, 4 lb jar, Eng.	0 00	3 10
1 lb	4 12	4 30
Rice, C. C.		
standard B.	5 00	5 10
Patna, 100 lb.	6 00	7 00
Burmah	0 00	2 20
Crystal Japan	0 03	0 08
Carolina, 100 D.	0 00	0 08
Pot Barley, bag 48 lbs.	0 00	0 00
Pearl, per lb.	1 10	0 00
Tapioca, Pearl	1 75	0 00
Flake		
Gelatine, 1 qt pk.		
1 qt pk.		
Vinegar: less 10 p.c. dis.		
Imp Trip	0 25	0 00
Cote D'or	0 25	0 00
Crystal Pickling	0 20	0 00
W. W. XXX	0 17	0 00
W. W. XX	0 45	0 00
W. W. X	0 17	0 00
Pure Malt	0 27	0 00
Cider X		
XXX		
Hardware.		
Antimony	0 09	0 10
7 1/2" Block, L & F, D.	0 00	0 00
Straits	0 00	0 00
Strip	2 45	0 00
Copper: Ingot	2 55	0 00
CUT NAIL SCHEDULE.		
Base Price, per Keg, car lots		
Less quantity		
Extras—Over and above 30d.		
40d, 50d, 60d and 70d Nails.		

THIS SPACE BELONGS TO

THE
LANCASHIRE WATCH CO. LTD.

PRESCOT, ENGLAND.

The largest manufacturers in the World of
English Lever Watches.

MONTREAL WHOLESALE PRICES CURRENT.
THURSDAY, DECEMBER 5, 1901.

NAME OF ARTICLE	Wholesale.
Hardware.—Con.	
Cut and Fence Nails—	
16 and 20d Hot Cut, per 100 lbs.	0 05 0 00
10 and 12d " " "	0 10 0 00
8 and 9d " " "	0 15 0 00
6 and 7d " " "	0 30 0 00
4 and 5d " " "	0 40 0 00
3d " " "	0 65 0 00
2d " " "	1 00 0 00
Cut spikes 10c, per Keg ad-	
vance.	
Fine blued nails—	
2d per 100 lbs.	1 00 0 00
3d " " "	1 50 0 00
Casing, Box, Tobacco Box and	
Flooring Nails—	
20 to 30d per 100 lbs.	0 55 0 00
10 to 16d " " "	0 60 0 00
8 and 9d " " "	0 65 0 00
6 and 7d " " "	0 70 0 00
4 to 5d " " "	0 95 0 00
3d " " "	1 20 0 00
Finishing nails—	
3 inch and longer per 100 lbs.	0 60 0 00
2 1/2 and 2 1/4 inch " " "	0 65 0 00
2 and 1 3/4 " " "	0 70 0 00
1 1/2 and 1 1/4 " " "	0 95 0 00
1 " " "	1 20 0 00
1 1/4 and 1 1/2 inch per 100 lbs.	0 95 0 00
1 " " "	1 20 0 00
1 1/4 inch per 100 lbs.	1 50 0 00
Common barrel nails—	
1 1/4 inch per 100 lbs.	1 00 0 00
1 " " "	1 00 0 00
1 1/2 " " "	1 25 0 00
1 3/4 " " "	1 50 0 00
Clinch nails—	
3 inch and longer per 100 lbs.	0 60 0 00
2 1/2 and 2 1/4 inch " " "	0 65 0 00
2 and 1 3/4 inch " " "	0 70 0 00
1 1/2 and 1 1/4 " " "	0 95 0 00
1 " " "	1 20 0 00
1 1/4 " " "	1 50 0 00
Sharp and flat pressed nails	
3 inch and longer per 100 lbs.	1 35 0 00
2 1/2 and 2 1/4 inch " " "	1 50 0 00
2 and 1 3/4 inch " " "	1 65 0 00
1 1/2 and 1 1/4 " " "	1 85 0 00
1 " " "	2 50 0 00
1 1/4 " " "	3 00 0 00
Coil Chain—No. 6.	0 11 1/2 0 00
" " " " " " "	0 10 0 00
" " " " " " "	0 09 1/2 0 00
" " " " " " "	0 09 0 00
" " " " " " "	0 07 1/2 0 00
1/2 inch	4 35 0 00
5-16	4 25 0 00
7-16	4 00 0 00

engaged in getting trade away from some one else, and if several concerns in the same line of production would only associate themselves they could get along with a single agency, or with none at all. Practically, the result usually works out very differently. The solicitor of trade really creates trade; he induces people to buy what they would not buy for him. There are a few absolutely necessary things that the people must buy whether they are asked or not, whether the goods are pressed upon their attention or not, but the great bulk of merchandise is not absolutely necessary; at least it is not absolutely necessary now; the old article can be used 10 per cent. longer; in the aggregate of trade it makes a great deal of difference whether the public buys freely or sparingly; puts off buying till the last moment, or buys at the earliest suggestion. This, which may be called optional consumption, is controlled in great measure by the middlemen of the various classes.

The farmer does not buy lightning rods because he feels the need of them; he buys because the travelling agent works him up into a state of nervous apprehension of thunderstorms, and if all the lightning rod makers withdrew their selling agents to save expense they would wait a long time before they would be overrun by the pressing demands of farmers for protection from lightning. The life insurance business lives on solicitation. A man may hunt up an agen-

MONTREAL WHOLESALE PRICES CURRENT
THURSDAY, DECEMBER 5, 1901.

Name of Article.	Wholesale.
Coil Chain—No. 4	3 85 0 00
9-16	3 75 0 00
1/2	3 65 0 00
3/4	3 76 0 00
1	3 60 0 00
1 in.	3 60 0 00
Galvanized Staples—	
100 lb. box, 1 1/2 to 1 3/4	3 50 0 00
Bright, 1 1/2 to 1 3/4	3 25 0 00
Galvanized Iron:	
Queen's Head, } gauge 28	4 50 4 75
or equal. } gauge 28	4 25 4 50
Comet do 28 gauge	
Iron Horse Shoes:	
No. 2 and larger	0 00 3 50
No. 1 and smaller	0 00 3 75
Bar Iron, per 100 lbs.	1 90 1 95
Car lots	0 00 0 00
Norway, base	0 00 4 25
Am. Sh. St. 1, 6 ft. x 2 1/2 ft., 18	0 00 2 70
" " " " " " " 20	0 00 2 95
" " " " " " " 22	0 00 3 10
" " " " " " " 24	0 00 3 10
" " " " " " " 26	0 00 3 20
" " " " " " " 28	0 00 3 45
Boiler plates, iron, 1/2 in.	0 00 2 10
" " " " " " " 3-16 in.	0 00 2 10
Hoop Iron, base for 2 in. and larger.	0 00 2 90
Band Canadian, 1 to 6 in. 30c; over base of ordinary iron, smaller size Extras.	
Canada Plates:	
Full Polish	3 75
Ord. 52 sheets	2 75
" 60 do	2 80
" 75 do	2 85
Black Iron pipe, 1/2 in. | in.	2 72
3/4 in.	2 87
1 in.	3 20
1 1/4 in.	4 80
1 1/2 in.	6 50
2 in.	7 80
2 1/2 in.	10 40
per 100 ft. nett.	
Steel, cast p. lb., Blk Diam'd.	0 08 base
" Spring, 100 lbs.	2 75 0 00
" Tire, "	2 70 base
" Sleigh shoe, 100 lbs.	2 10 base
" Toe Calk.	2 66
" Machinery	2 75 base
" Harrow Tooth	2 50
Pin Plates:	
IC Coke, 14 x 20	4 50
IC Charcoal, 14 x 20	4 75
IX Charcoal	5 75
IXX "	6 75

Telegraphic Address:—Musgrave, Bolton, England.

JOHN MUSGRAVE & SONS,

LIMITED,
Globe Iron Works,
BOLTON, England.

Makers of all classes of
BOILERS,
Up to 300 lbs. pressure
per square inch.
**Musgrave's Patent
SUPERHEATERS.**

Horizontal and Vertical ENGINES

Of Designs to Suit Purchasers for
**Cotton Mills, Rolling Mills and Elec-
tric Light Stations, Winding Engines,
Mill Gearing and Cranes**

Over....
10,000
I. H. P. Supplied for
Electrical Purposes
alone.

MONTREAL WHOLESALE PRICES CURRENT.
THURSDAY, DECEMBER 5, 1901.

Name of Article.	Wholesale.
Terne Plate IC, 20x28	8 00 8 25
Russ. Sheet Iron	0 10 0 00
Lion & Crown tin'd sh'ts	0 00 7 50
22 and 24 gauge case lots	0 00 7 75
26 gauge	3 25 3 35
Lead: Pig, per 100 lbs;	0 00 0 04
Sheet	0 00 6 50
Shot, 100 lb., less 17 1/2 p.c.	7 00 0 00
Lead Pipe, per 100 lbs.	less 30 p.c.
Zinc:	0 00 4 75
Spelter, per 100 lbs.	5 75 6 00
Sheet, Zinc	
Black Sheet Iron.	
Per 100 lbs.	2 65 0 00
8 to 16 gauge	2 50 0 00
18 to 20 do	2 65 0 00
22 to 24 do	2 80 0 00
26 do	2 95 0 00
28 do	
WIRE:	
Plain galv'd, No. 5	3 95 0 00
do do No. 6, 7, 8	3 45 0 00
do do No. 9	2 80 0 00
do do No. 10	3 55 0 00
do do No. 11	3 65 0 00
do do No. 12	2 95 0 00
do do No. 13	3 05 0 00
do do No. 14	4 05 0 00
do do No. 15	4 55 0 00
do do No. 16	4 80 0 00
Barbed Wire—	3 00 0 00
Spring Wire per 100, 1.00	Montreal.
net extra.	
Iron and Steel Wire pl'n	2 80 base.
6 to 9	
Rope.	
Seal, base	0 00
" 7-16 and up	0 11
" 3/4 "	0 11
" 5-16 "	0 12
" 1/2 "	0 12
" 3-16 "	0 12 1/2
Manilla, 7-16 & lgr.	0 15 1/2
" 3/4 "	0 16
" 5-16 "	0 16 1/2
" 1/2 "	0 16 1/2
" 3-16 "	0 17
Lath yarn	0 11
Wire Nails.	
Base Price carload	2 77 1/2
Less than	2 85
2d extra	1 00
2d f "	0 65
3d "	0 40
4d and 5d "	0 30
6d and 7d "	0 15
8d and 9d "	0 10
10d and 12d "	0 06
16d and 20d "	Base
30d to 60d "	
Building Paper.	
Tarred felt, per 100 lbs.	1 70 0 05
ly, Ready R'f'g., roll	0 90 0 90
" " " "	1 05 0 05

ey to get his house and store insured, but a man who volunteers to get his life insured is an interesting curiosity; the agents are not competing with each other; they are creating business that would be non-existent without them.

Of course there is a wide range in the dependence of various lines of business upon this solicitation of trade; some are nearly independent of it, or would be if they stopped mutual competition. But there is hardly any business to which it is not of considerable importance. If the dry goods stores entered into an agreement not to advertise, and to make no window displays, and no way to solicit trade, their relative position would be just what it is now, but their aggregate trade would be greatly reduced.

If the producer is under the impression that he is supporting the middleman and could get on just as well without him he is about 98 per cent. away from the truth. Consumption is a variable quantity, capable of being increased by arousing the desires of the consumers. The latter, however, have no ground of complaining of the middleman; they are not compelled to buy, and if they do so they do it for their own interests, and it would not be unreasonable to expect them to experience some promptings of gratitude to the kind middleman who has invited them to satisfy their desires; if they were not conscious of the desire the solicitor of trade came along the facts are not changed.

It is one thing to produce an article and quite another to distribute it. The latter requires very different talent and very different organization from the former. Establish the selling agency for a single article, and there is created an organization that, as a rule, can be economically utilized for the selling of several or many products; each bearing a smaller percent-

MONTREAL WHOLESALE PRICES CURRENT.
THURSDAY, DECEMBER 5, 1901.

Name of Article	Wholesale.
Hides and Tallow.	
Montreal Green Hides	0 07 1/2 0 00
" No. 1	0 05 1/2 0 00
" No. 2	0 05, 0 00
" No. 3	
Tanners pay \$1 extra for sorted	
cured & inspect'd Sheepskins	0 00 0 00
Clips	0 00 0 55
Lambskins each	0 00 0 05
Calfskins, No. 1	0 00 0 06
" No. 2	1 50 2 00
Horsehides	
Leather	
No. 1 B. A. Sole	0 27 0 28
No. 2 B. A. Sole	0 25 0 25
No. 3 B. A. Spanish Sole	0 23 0 23
Slaughter, No. 1	0 28 0 27
light medium & heavy	0 26 0 26
" No. 2	0 34 0 34
Harness	0 35 0 35
Upper, heavy	0 34 0 35
Upper, light	0 35 0 35
Grained Upper	0 60 0 60
Scotch Grain	0 45 0 45
Kip Skins, French	0 50 0 50
English	0 50 0 50
Canada Kip	0 50 0 50
Hemlock Calf	0 85 1 15
" Light	0 22 0 25
French Calf	0 17 0 20
Splits, light and medium	0 18 0 19
" heavy	0 06 0 10
" small	0 16 0 14
Leather Board, Canada	0 12 0 12
Enamelled Cow, per ft.	0 12 0 12
Pebble Grain	0 15 0 15
Glove Grain	0 11 0 11
B. Calf	0 18 0 18
Brush (Cow) Kid	0 35 0 30
Buff	0 35 0 30
Russetts, light	0 35 0 30
" heavy	7 50 9 70
" No. 2	0 65 0 75
Saddlers' doz.	0 30 0 35
Imt. French Calf	0 38 0 38
English Oak lb	0 30 0 30
Dongola, extra	0 14 0 14
" No. 1	0 18 0 18
" ordinary	0 15 0 15
Colored Pebbles	
" Calf	0 35 0 40
Oils	
Cod Oil	0 50 0 50
S. R. Pale Seal	0 40 0 50
Straw Seal	0 85 1 00
Cod Liver Oil, Nfld. Norw	0 95 1 10
Process	0 09 0 09
" Norwegian	0 07 0 07
Castor Oil	0 75 0 85
Castor Oil brls	0 65 0 75
Lard Oil, Extra	0 77 0 82
" "	0 80 0 80
Linseed, raw, nett	1 05 1 15
" boiled, nett	0 57 0 58
Olive, pure	
Extra, qt., per case	0 20 0 30
Turpentine, nett	0 19 0 20
Petroleum:	
Benzine	0 14 0 15
Gasoline	
Silver Star	

JOHN MACKINTOSH LTD

DEPOTS:
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London, Eng.;
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DEPOTS:
School Street,
Dewsbury;
Also at Sheffield.

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CONFECTIONERS

HALIFAX
ENGLAND

MONTREAL WHOLESALE PRICES CURRENT
THURSDAY, DECEMBER 5, 1901.

Name of Article.	Wholesale.	
	\$ c.	\$ c.
Imperial Acme	0 18	0 17
American W. W.	0 18	0 18
Astral	0 18	0 19
Glass.		
United inches, 00 to 25	0 00	2 10
do 26 to 40	0 00	2 30
do 41 to 50	0 00	4 70
do 51 to 60	0 00	4 95
Paints, &c.		
Lead pure 50 to 100 lb. kgs.	0 00	5 00
do No. 1	0 00	5 62 ¹ / ₂
do No. 2	0 00	5 25
do No. 3	0 00	4 87 ¹ / ₂
do No. 4	0 00	4 75
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	2 25
Whiting, ordinary	0 45	0 50
do Gilders	0 60	0 70
do Paris, do	0 25	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
Gins:		
Domestic Broken Sheet	0 13	0 15
French Casks	0 11	0 13
do brls.	0 00	0 14
American White, brls.	6 16	0 30
Coopers' Glue	0 20	0 26
Golden Ochre	0 04	0 10
Brunswick Green	0 04	0 16
French Imperial Green	0 12	0 18
Genuine Quicksilver	0 90	0 95
No. 1 Furnit's Varn'h, 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	1 70	1 80
do do	1 90	2 00
White do	0 25	2 40
Patty Bulk 100 lb. brl.	0 00	2 00
Parigreen in drum 1 lb. pk.	18	0 19 ¹ / ₂
Wool.		
Canadian Washed	0 12	0 13
North West	0 13	0 15
Unwashed	0 08	0 00
Pulled	0 00	0 00
do combing	0 00	0 00
do super	0 00	0 21
E. A. Scoured	0 25	0 33
Natal	0 16	0 18 ¹ / ₂
Cape, greasy	0 13	0 15
Chilian	0 11	0 13
Australian greasy	0 16	0 20

merchant whom combination has been doing its utmost to exterminate. As we have more than once remarked, the merchant acts as a natural balance wheel and direct stimulus to trade; and, while he cannot expect to survive where he is superfluous, the efforts to entirely dispense with his services are quite likely to injure most those who expect to benefit by his destruction.

coffee. Every representative grocer is supposed to keep mocha and Java coffee, but if all the Maracaibo and Santos coffees were removed from the country but little of the former, so well known for delicious aroma, would be left. The following letter on the subject was sent recently to a New York paper:

Sir,—As the consumption of Mocha coffee has of recent years diminished considerably to the detriment of former shippers and importers, and as this falling off appears in a great measure to be due to deceptions practised by some in selling "substitutes" packed in imported covering for the gen-

MOCHA COFFEE SUBSTITUTES.

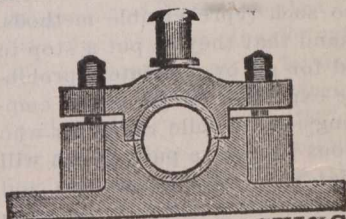
There is probably no article of daily use subject to more deception than

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.

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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.

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.

age of cost than in selling a single product. The buyer of several articles will always prefer to deal through a single agency than with several, when he can. The merchant will have a far better understanding of credits than the manufacturer. Create such an agency and we return to the mer-

PATENT BRICK MACHINERY

Telegraphic Address:
"CAMBRIAN, LEEDS"

PULLAN & MANN,

(Successors to THOMAS TITLEY.

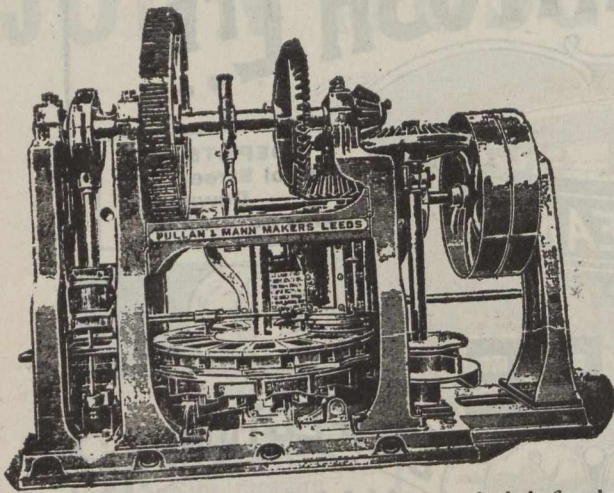
ENGINEERS,

Cambrian Works, Elland Road, - LEEDS, Eng.

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Making Machinery, Engines, Boilers, Shafting,
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The above Machine will produce from marl, shale, fire-clay, pit-refuse, &c. 10,000 to 12,000 best quality pressed bricks per day, stiff enough to go to kiln without expense of drying, and equal in strength and density to a well-made plastic brick.

uine article, it may be opportune to call the attention of those interested to the following correspondence addressed to the editor of the Aden (Arabia) Weekly Gazette in a recent issue, if you will kindly give it space in your valuable paper:

"Editor Aden Weekly Gazette: Sir,— Through the medium of your paper I should like to come back to the question of the mixing of Mocha coffee with other kinds, especially Santos. It is proper indeed to give the widest possible publicity to the fact that it is impossible for such fraudulent mixing to take place at Aden, where the importation of foreign coffees is absolutely prohibited. It is exactly because mixing cannot take place at Aden that the practice is carried on in other places, chiefly in Egypt. With reference to this matter allow me to quote the following extract from the letter of an American purchaser addressed to a wholesale firm in New York, who have been for many years importing Mocha coffee from Aden: 'We have your favor of 15th instant, offering Mocha coffee for our attention, but we beg to say that we are not encouraged to enter upon this class of business in those days owing to the fact that there have been quite frequent shipments of Santos Bourbon coffee to Cairo; and without the slightest reflection, of course, on yourselves or your Aden correspondents, the inference is that Mocha shipments may not be strictly genuine Mocha coffee. You are probably as well aware as we are that Santos Bourbons are excellent substitutes for what is called Mocha coffee.'

"The writer of the above lines is therefore afraid, owing to the proximity of the two countries, Egypt and Yemen, to one another that what takes place in one may very well also happen in the other. This mistaken belief in spreading abroad is likely to do the greatest harm to the Aden trade, and it is necessary to peremptorily point out the inaccuracy of such an impression, while at the same time it will serve the purpose of putting purchasers of Mocha coffee on their

guard against offers that may be made to them from places other than Arabia. It should also be stated that mixtures which are made up for foreign consignments would not take place if the export were forbidden from Aden, from Hodeidah or any other Arabian port of empty packings of a certain kind in which it is customary here to put Mocha coffee, and which are not made in other place. I shall therefore be much obliged to you, Mr. Editor, if you would help me, through the medium of your paper, to conduct a campaign with the object of preventing henceforth any further exporting of this particular empty packing material, which as is only too well known is being freely done. Some openly dispatch such bales as I have myself seen at Suez last February, where a large quantity of them were landed off the steamer Rewa. Others arrange to have them sent to Europe by an indirect way as I myself with my own eyes witnessed scarcely a month ago at Marseilles. Some sesamum seed had lately arrived from Hodeidah enclosed in double packing material which is ordinarily used only for packing Mocha coffee. We cannot do better than invite the attention of the English local authorities and the Turks to such reprehensible methods, and demand that they be put a stop to once and for all by absolutely prohibiting the export of Mocha coffee empty packings. Meanwhile the firms who are anxious to receive pure Mocha will know that it is only from Aden and Hodeidah that they will find the same absolutely guaranteed to them."

IMITATION SILK.

In getting up fairly good substitutes manufacturers of textile fabrics are not behind. Reports are in circulation that the manufacture of an almost perfect imitation of silk from China grass, an industry entirely foreign to the United States, is soon to be put into operation at some place in

New England, presumably near Boston, or possibly at Fall River. The inventor of the process is an Englishman, Herbert Hoyle by name, and at present is looking after the formation of a company which will eventually establish a plant to put the goods on the market. The location of the plant which will turn out the cloth is a matter which will have to be decided after the formation of the company. Chances are, however, that it will be in Fall River, as Mr. Hoyle's visit to America is at the solicitation of a well known mill superintendent of Fall River who went to England some months ago especially to confer on the subject with the inventor. In the manufacture of the fabric the object mainly is to separate the gummy filament from the grass without taking away the strength of the fibre and the lustre. In this process fresh water is used, whereas in other processes chemicals are employed.

Another feature is that the imitation silk can be spun out on ordinary cotton and woollen machines. In other processes at present known special machinery is required and considered a necessity. For over forty years this imitation has been made in Europe, but it has never been manufactured successfully, as only a meagre degree of perfection was reached. There have been a few mills in England, but they are now closed for want of capital, and there are but two in France and one in Germany. There are, however, none in the United States, so that the introduction of the industry there will mark a new epoch in the annals of cloth manufacture.

The manner in which Mr. Hoyle came to discover the process is a story in itself. He had been a worker in silk all his life. At the time he left to America, a few months ago, he left the employ of the Brookhouse Silk Company at Mixenden. Several years ago he read of the manufacture of China grass, and the slow progress which had been made in forty years. Becoming interested he thought that he might be able to work something

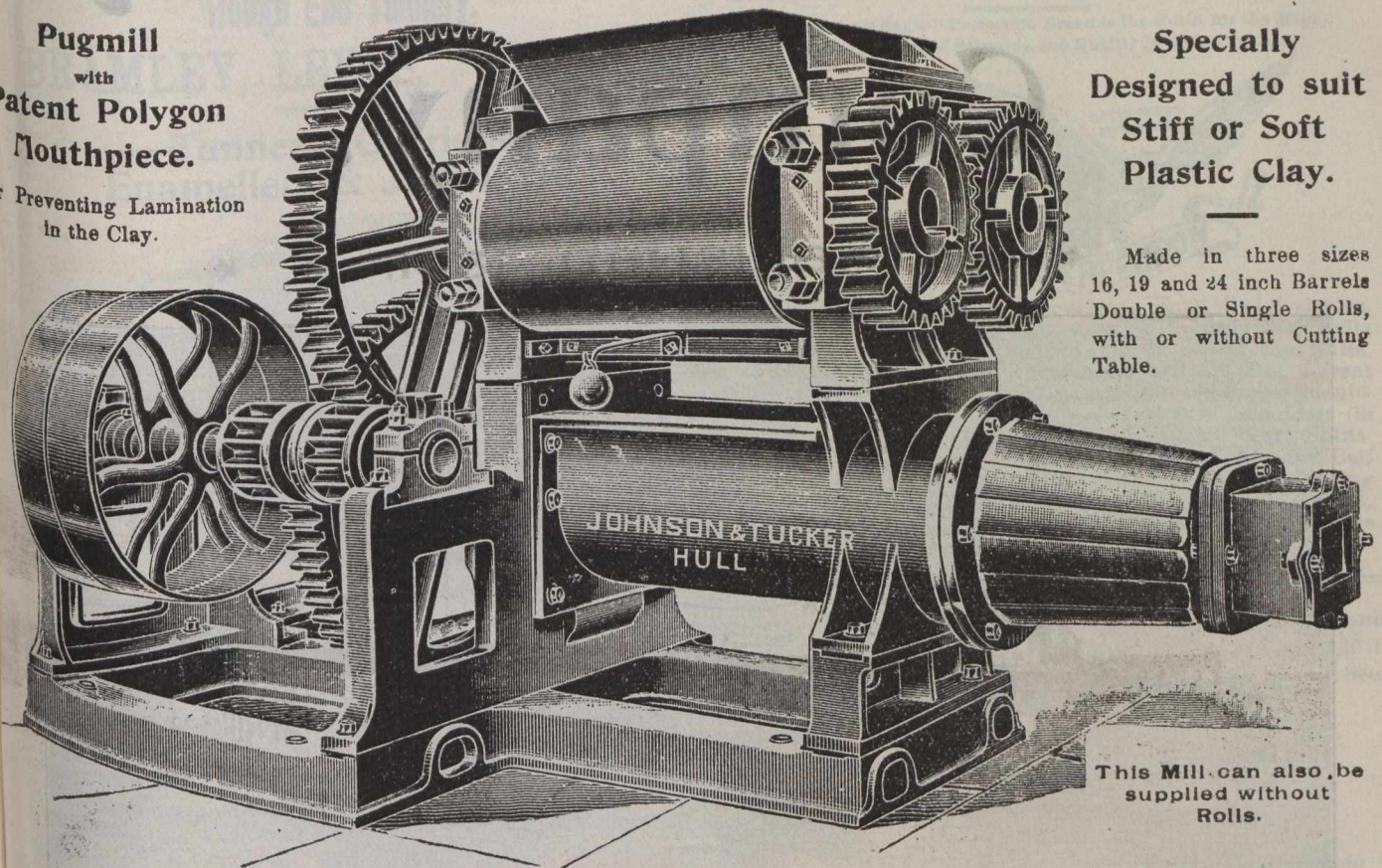
Johnson & Tucker

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.

out himself, and the result is that he has accomplished in four years of experimenting what fortunes, both of individuals and corporations, have been sunk in attempting to do. If the company is formed, besides being paid a large sum for his invention he will also be a heavy shareholder in the company and will probably stay in the United States.

China grass grows like a large nettle in China, India, the Straits Settlements and in fact any tropical climate. It grows also in some parts of the United States and in South America, so that it would not be necessary to import the grass from across the water. Mr. Hoyle has brought a sample case over with him, which is now in Boston and in which he has for exhibition purposes a sample of the fabric in every stage and process which it goes through in manufacture. The article shows up well in dress goods, tapestry, linings, underwear and in all other materials of common manufacture. What makes it doubly valuable also under Hoyle's improved process is that the cost exceeds only slightly that entailed in the manufacture of the cheaper cloth goods, such as cotton and woollen.

U. S. DUTY ON TEA.

Tea importers across the border are trying hard to get the special duty of 10c per lb. taken off tea. At a recent meeting at New York of wholesale

grocers, the following were among opinions expressed:

"The effect of the duty on tea has been to largely decrease importations. The duty was imposed in June, 1897, and will therefore have been in force, if not removed, five years in June, 1902. Estimating the receipts for the balance of this period, or up to July, 1902, at the average rate, we have a total of 294,000,000 pounds, a yearly average of 78,000,000 pounds, whereas the total importation for the five years to July, 1897, or just previous to the duty period, were 487,000,000 pounds, showing a decrease since the duty was collected of 92,000,000 pounds in five years, or a yearly decrease of 18,000,000 pounds. It is true that these figures do not show the actual decline of consumption, as it is understood that there was a much larger supply in the country, in July, 1897, than at the present time. But, notwithstanding the decrease in stocks, these figures show beyond question an immense dropping off in consumption of tea. It can be safely stated at 15,000,000 to 17,000,000 pounds per year. There are other apparent causes which have produced this decline in consumption of tea, such as the low prices of coffee and the increase in the use of cocoa, but the above figures clearly show that the poor quality of tea forced on the people by this extreme tax, together with the higher price, has turned them away from its use, and should the present ratio of decline continue, it will reduce the business to very small proportions.

"But from a commercial standpoint the duty has these effects. More capital is required to do this part of the business. The duty is a cash transaction and must be paid before the tea can be removed from the Custom house. Therefore it requires a greatly increased investment to carry stocks and accounts, especially as tea is an article usually sold on extended time, and in case a customer discounts we allow them or 4 per cent. on the duty, as well as the cost of the tea. But to put this another way, we buy the duty for net cash, and sell it at cost on four months, subject to discount. We unfortunately, meet with a loss in a sale of tea, and we lose the duty also, as well as the cost. Notwithstanding the increased investment and risk the profit has been largely decreased. Many report that it is impossible to make an average margin on tea since the duty was imposed, whereas before this time it was one of the desirable items in our stock from a profit-bearing standpoint. There are undoubtedly many strong arguments in favor of the removal of this duty at the present time.

"In the first place, the duty is excessive. Last year the tax was slightly over 80 per cent. of the import valuation. On eleven million dollars worth of tea coming into this county the Government collected the enormous sum of eight million nine hundred thousand dollars. I cannot find any other article going into every household in the land that is paying so large a tax.

Widnes Foundry Company.

✦ ✦ ESTABLISHED 1841. ✦ ✦



Morecambe Pier (East View),

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WIDNES,

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PROFITS IN TRUST FINANCING.

The members of the syndicate formed to finance the United States Steel Corporation have already received back all the money paid in by them, and enormous profits are yet to be distributed. These profits are understood to amount to about \$60,000,000, or 30 per cent. on the nominal capital of the syndicate, and some 240 per cent. on the actual money put into the undertaking.

This was an underwriting speculation. By that is meant that the syndicate agreed to take over the securities to be issued by the United States Steel Corporation to a given amount; and in return therefor to acquire and

deliver to the steel trust the securities of the companies entering the combination and an amount of cash, in this case equalling \$25,000,000, which would be the working capital of the new concern. The securities required by the syndicate of the United States Steel Corporation considerably exceeded the amounts calculated as being necessary to acquire the stocks of the proposed constituent companies and to raise the \$25,000,000. And the market value of this excess of United States Steel securities in the hands of the syndicate would constitute its profits, along with such further profits as it could make meantime in speculative operations upon the stock exchange in the securities handled by way of extending the mar-

ket for the same and enhancing the market values. This in general is the process known as underwriting, and the one followed in this greatest of all known speculations of the kind.

The one especial risk which such a project undergoes is that of finding a market for the new securities which are underwritten. Naturally, then, in many cases the underwriters lose or are compelled to wear away all possible profit by having to carry the securities a long time without being able to unload them upon the public. The enormous profits reported in this case indicate remarkable success in creating a market for the new securities upon which the syndicate can dispose of its holdings, received as a bonus, at

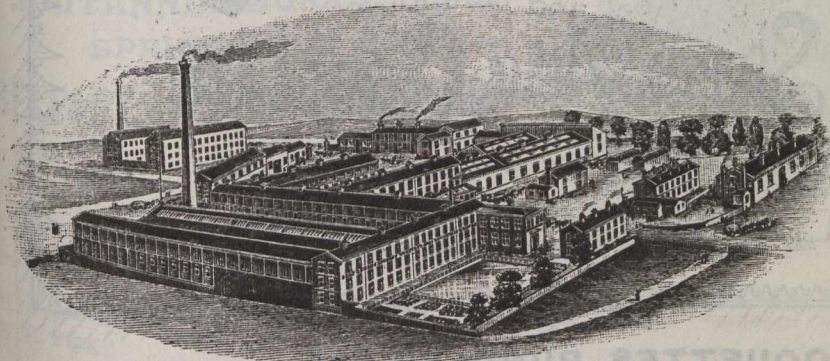
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"HASTE, BRAMLEY, LEEDS."

Haste & Brown,

Hough End Tannery.

BRAMLEY, LEEDS, - Eng.

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Enamellers & Japanners.



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

ENAMELLERS and JAPANERS of the finest goods in ENAMELLED and JAPPANED 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 Cutts. Levant Kip Shoulders and Bellies. Levant Imitation Seal Grains. Split and Russet Shoulders 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.

most advantageous prices.

These profits of the syndicate represent as inflation of the capital of the steel trust of probably not less than \$100,000,000 par value. But the constituent companies of the trust were in turn combinations financed and inflated in the same way—and all this is additional to extravagant and inflated values put upon the plants as they went into the preliminary trusts and then into the present trust. It has been the most magnificent example of stock watering ever known; and as the intention of the big trust is to make the people pay dividends on this deluge of water, it becomes the greatest scheme of public plundering ever known. And so far unbroken success attends the game.

THE LAW OUTGROWN.

When Minnesota enacted her law against the absorption of one line of railway by another line a common

ownership of two transcontinental lines was hardly possible. If a direct consolidation could be prevented the separate existence of the concerns was pretty well established. But since that time financial transactions have expanded and it would be hazardous to say that any capitalization was out of the question. Such large sums of money are now handled in single enterprises of manufacturing and transportation that the rivalry aimed at by the Minnesota law cannot longer be insured. If it is obnoxious to any law to have the same persons on the directories of competing companies it is easy enough to have different individuals with a single interest. Certainly the law would not undertake to say that men who own stock in one railway company shall not own stock in some other railway company. In the day of small things it was practically impossible for the same group of men to hold controlling interests in two great companies, but the fortunes of the present day render this entirely possible. Therefore it is quite out

of the question to enforce the substance of the Minnesota law, even if its letter can be enforced. It has been outgrown.

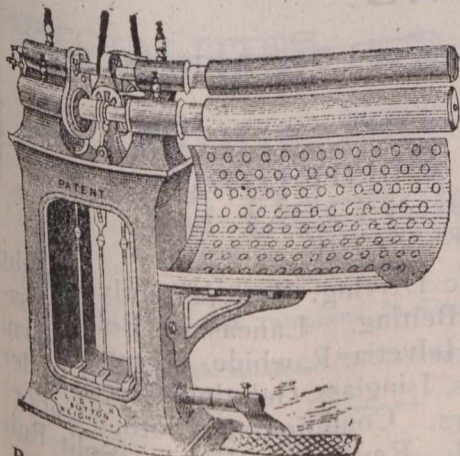
THE GERMAN CRISIS.

In Germany the slow liquidation is going on and is likely to continue for a considerable time. Distrust is general, and there are loud complaints of a difficulty in disposing of manufactured goods. At the same time the belief is general that the worst of the crisis is over. In Russia the crisis is as great as ever, and the failure of the crops over large areas leads to the fear that a considerable part of the Empire will have to go through another year of famine. The Finance Minister has just made inquiries of the leading manufacturers throughout Russia as to the causes of the very peculiar condition of the foreign trade. Manufacturers of all kinds complain that they cannot sell their goods and are urging

High Class
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LAUNDRY MACHINERY,

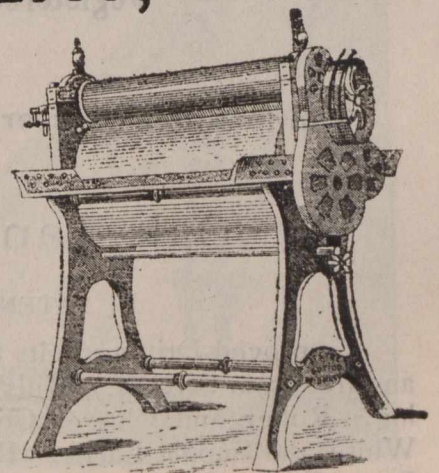
Hand or Steam
Power.



PATENT SKIRT AND BODY IRONING MACHINE. (Laundry Machinery under the New Tariff.)

James Lister & Co.,
LAUNDRY
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COLLAR AND CUFF
IRONING OR POLISHING MACHINE.
Made in sizes 12 to 30 inch rolls.

MILK CHOCOLATE.
GOLD MEDAL.—Highest Award at the GERMAN CONFECTIONERS' EXHIBITION, MANNHEIM (first time Exhibited)



Also in **CROQUETTES, BUNDLES, &c.**

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Cable and Telegraphic Address :—"BUSINESS, LIVERPOOL." Codes used—A.B.C., A.I. and Western Union.

upon the Minister that if the Government does not place large orders with them they will be unable to keep their works open. At the same time the imports of manufactured articles are increasing remarkably. American imports are increasing most; but there is an increase in German, French, and British likewise, and the Minister, apparently, is unable to explain this state of things, considering how great a protection is given to the home manufacturer by the existing duties. Possibly the explanation is that there is neither the capital nor the efficient machinery, nor the skill and good management in Russia which are found abroad, and consequently that the Rus-

sian public prefers the dearer to the cheaper article.

PATENT REPORTS.

The following complete weekly list of patents granted to Canadians is furnished us by Messrs. Fetherstonhaugh & Co., patent solicitors, Canada Life Building: American patents: A. Erickson, axe; G. P. O. Heroux, bag; C. R. Littler, air feeding device for furnaces; D. Maxwell, tedder; M. A. Smith, fruit drying apparatus; C. Whetham, tripod camera support; J. Seymour, valve for gas metres; A. I. Shaw, cattle guard.

Owen N. Evans, solicitor of patents and expert, Temple Building, reports

that in the past week 568 United States patents were granted, of which 88 were to residents of countries other than the United States. Of these 88 patents, residents of the British Empire obtained 44, as follows: England, 27; Canada, 13; and Scotland, New South Wales, New Zealand, and Victoria, 1 each. Those granted to Canadians are as follows: Bottle stopper device for preventing refilling of bottles, R. Bustin; bicycle, J. Foreman; heating apparatus, D. L. Dwinell; drying kiln, J. F. Hanrahan; fire escape, N. H. Billings; picking mechanism for looms, J. Yates; furnace draft heater, J. R. Houston; sash fastener, C. Phillips; packing box, J. E. Davidson; cardboard box, G.

Telegrams: "TANNERY, OLDHAM" All Communications must be addressed to Oldham. ESTABLISHED 1841

MILLS BROTHERS LTD.,

Registered Office: Lowermoor Leather Works.

OLDHAM, ENGLAND.

Tanners and Dressers of Welsh, English, Calf, Persian, and Goat Roller Skins.

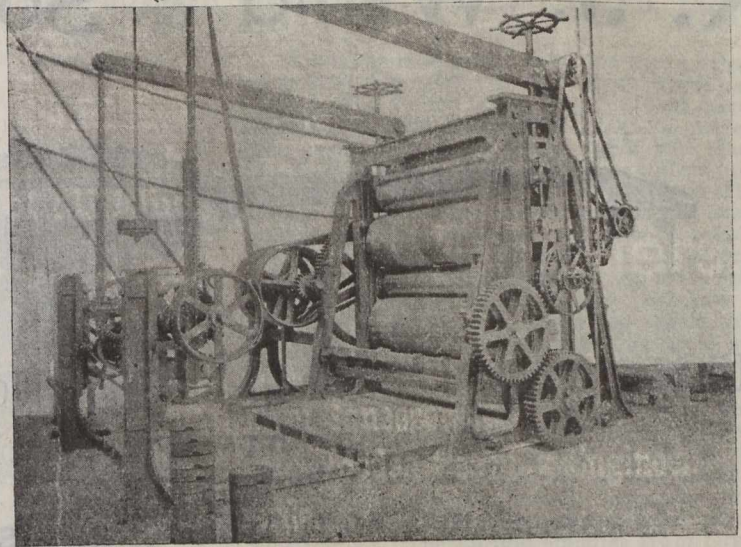
MANUFACTURERS OF

Oak Tanned and Helvetia Strapping.

PATENTEES AND SOLE MANUFACTURERS OF THE

Improved Driving Belts for Mule, Cone Drum, and Electric Driving. Runs perfectly straight and free from Stretch. Mills' "Challenge Brand" Camel Hair Belting. Lancashire Belt Dressing. Roller and Clearer Coverers, for Home and Export. Helvetia, Rawhide, Horny, Brown, White, and Supple Laces. Roller Varnish, Roller Leather Cots, Isinglass, Gelatine, Glues, Roller Paste, Roller, Clearer and Twiners' Cloth. Plush for Clearers. Conditioning Cloth. Copper Wire Sewing to the Trade. Roller Coverers' Tools Supplied. Revolution Wooden Split Pulleys. Mill Furnishers, &c., &c.

TRAVERS & CO.,
 Engineers, - Millwrights,
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BRITANNIA WORKS,
SPRINGFIELD ROAD,
BELFAST, . . . IRELAND.



H. Megloughlin et al; design, tie shield,
 G. E. Figg.

GUARANTEEING STORAGE RECEIPTS.

Perhaps no better illustration can be given of the ingenuity with which insurance can be used to facilitate trade than the work undertaken by the Security Warehousing Company of New York in conjunction with the National Surety Company. The important part played by ordinary warehouse receipts in financing commercial transactions is well understood. These letters of credit, issued on the responsibility of the warehouseman, pass from hand to hand, and are acceptable to the bank as a cash deposit. Back of them is the merchandise certified to be held by the warehouse. To issue against such merchandise a similar letter of credit, while still in the control of its private owner, is a further advance in faci-

tating trade, which has been undertaken through the combined agency of the two corporations mentioned.

The owner is no longer obligated to transfer his goods for the purpose of realizing a cash advance on their value. The cost of transportation and storage is saved to him. They are warehoused on his premises, and storage receipts are issued by the warehousing company. These, in turn, are guaranteed by the surety company as to quantity, quality, care and delivery.

It is another step in advance in the line of recent commercial development, by eliminating the middle man in our system of exchanges and bringing producer and consumer in closer touch. The former goes into the general market, and disposes of a qualified interest in his wares, or the wares themselves, on the guaranty of the surety company. We instance it as another illustration of the wonderful adaptability of the insurance

principle to modern trade conditions. There is practically no end to the applications which can be made of the corporate guaranty, for giving stability to business transactions of all kinds, which, for want of such a regulator, are a potent element of financial panics.

DANGEROUS SERUMS.

Evidences of the incompetency of the persons selected by the authorities to manufacture anti-toxins, serums, etc., for free distribution appear to be multiplying. One can scarcely pick up a daily paper but a display heading stares him in the face recording some new fatality as the result of using anti-toxin made at the public expense and supposed to be absolutely reliable and of the most effective potency. Public officials are not always the most competent, or

John Smith,

Keighley, Yorks,
ENGLAND.

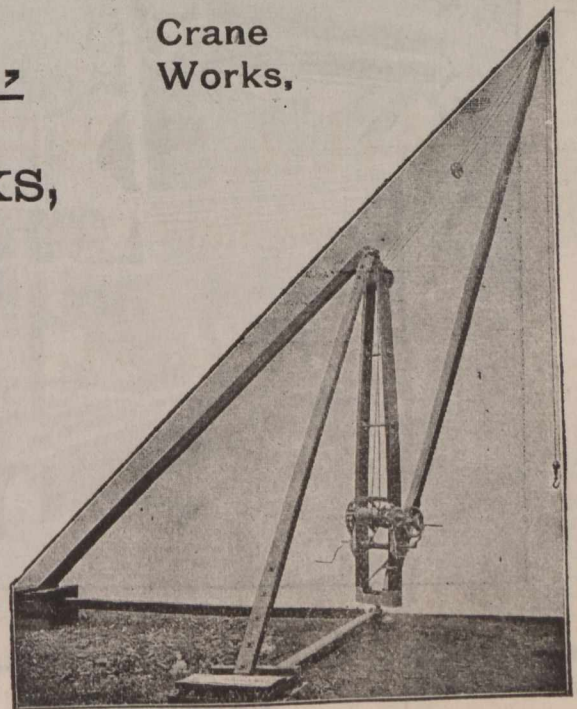
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Stone Saw Frames
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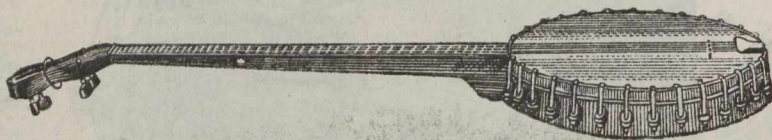
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 Considerably over 3,000 Cranes at work.

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Military Musical Instrument Manufacturers

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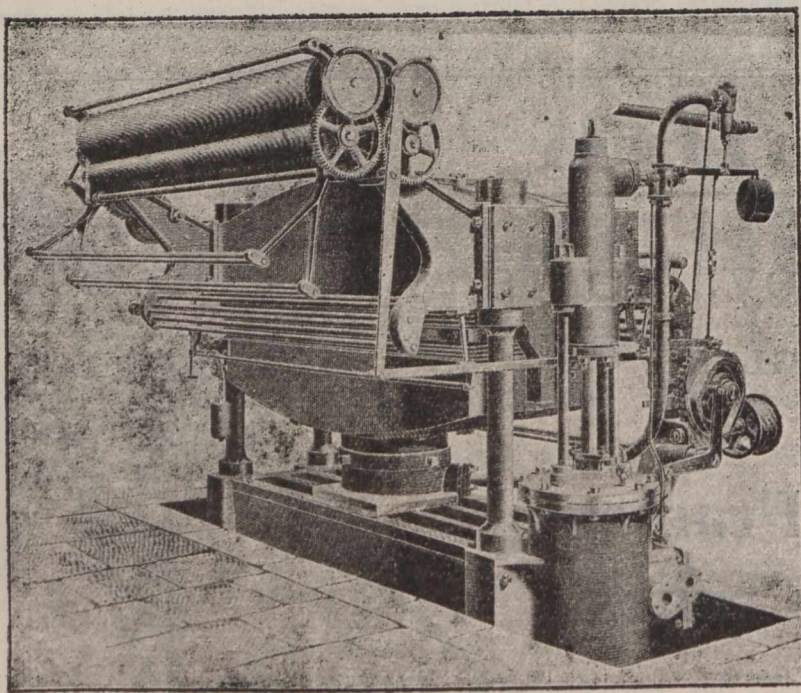
**General Musical Merchandise,
10 St. Anne Street, LIVERPOOL, Eng.**

most intelligent in the community, and rarely are properly qualified by previous experience or education to select competent persons to supervise or conduct the manufacture of anti-toxins, vaccines, etc. Too often such appointments are influenced by political considerations, favoritisms or on the score of economy, few of the municipalities being willing to pay the amount required to secure the services of competent experts, whose experience is indispensable. No stronger evidence could be adduced against the present manufacture and free dis-

tribution of these articles than are presented by the unfortunate fatalities which have followed the administration of preparations imperfectly or carelessly made by incompetent men at public expense. The manufacture of these products by the national, or municipal governments should be discontinued, and at once, lest the death list grow to alarming proportions. There is, as is well known, a strong prejudice in some communities against the use of vaccine, and recent events have done much to strengthen and increase this prejudice. Before the

By H. M. **NUSSEYS & LEACHMAN'S PATENT PRIZE MEDAL**
Royal Letters Patent.

Pressing and Tentering Machines.



MAKERS W. B. LEACHMAN & CO..

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Great Wilson Street,

LEEDS, ENGLAND.

A BIG SELLER!!

**Everyone in the
Trade should
stock them.**



KING'S OWN CARMELS



8 a

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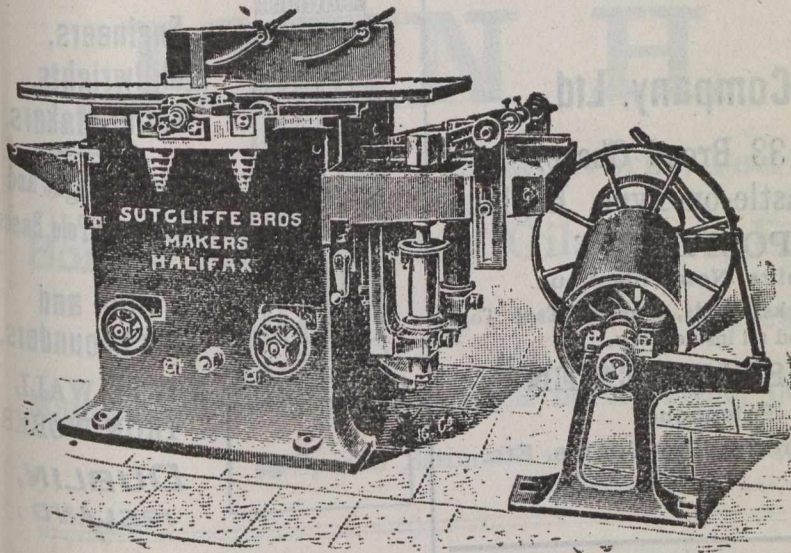
**Manufactured
Solely by
The**

**Lancashire Steam
Confectionery Co.,**

**LIVERPOOL,
England.**

**Special prices to Canadians under the
new tariff.**

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



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 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.

Combined 8-Sided and Planing out of Twist Machine.

Special prices to Canadians under the new Tariff.

manufacture of vaccine for gratuitous distribution cases of untoward results were extremely rare, and the people had full confidence in the vac-

cine supplied by the family physician. The manufacturers of these and similar products are in every way fitted to produce them, and have the necessary

laboratories, appliances, facilities of every kind, as well as the practical experience necessary to produce the best results, and it is therefore clear-

ESTABLISHED 1851.

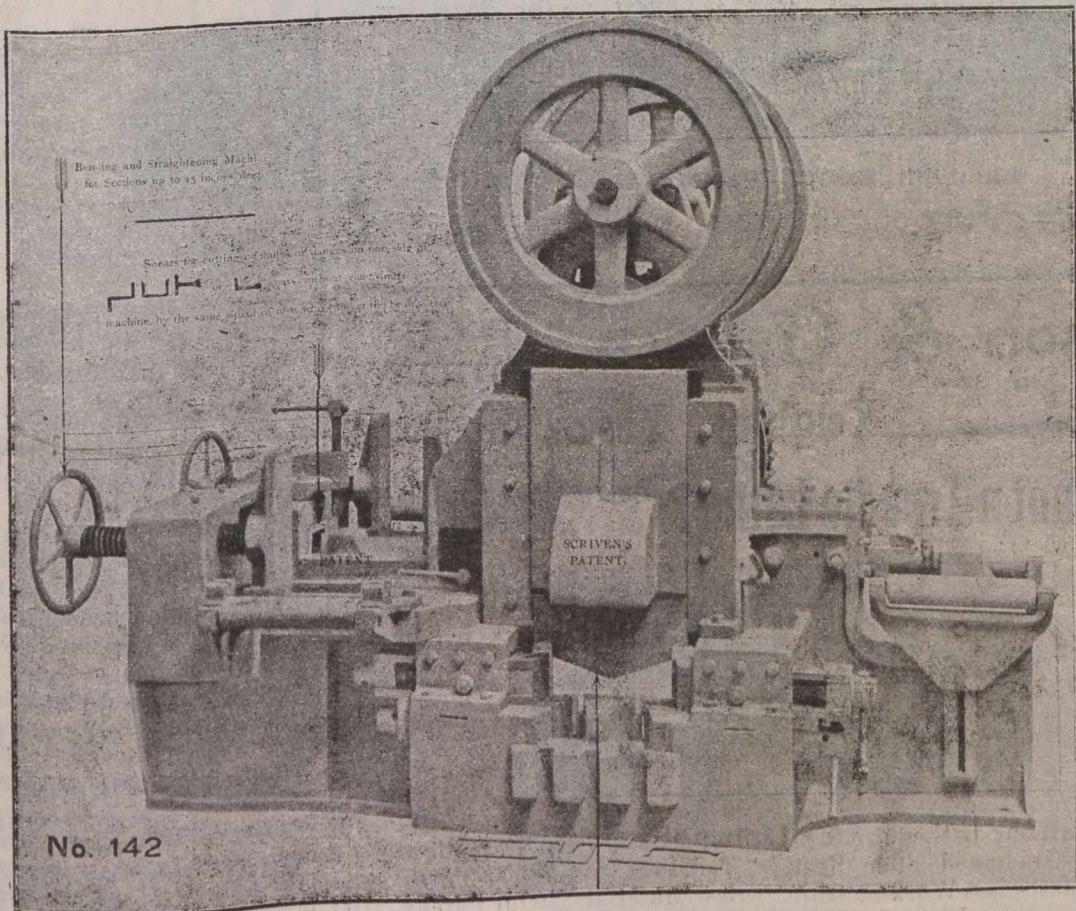
Tel. Address: "SCRIVEN, LEEDS."

SCRIVEN & Co.,

LEEDS. ENG.

Machine Tools and Hydraulic Machinery,

For ENGINEERS, SHIPBUILDERS, BOILER MAKERS and BRIDGE BUILDERS



PATENT COMBINED MACHINE for Shearing either Right or Left Hand without changing a knife Also for Bending 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.

ODIC COMPOSITIONS

MANUFACTURERS:

Odic Plastic Composition Company, Ltd.

33 Broad Chare,
Newcastle-on-Tyne, England.

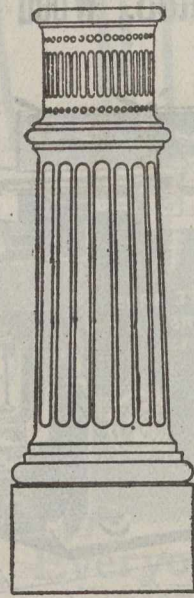
Tel. Add.: "Odic," Newcastle-on-Tyne.



"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, Boiler Seams, Etc.

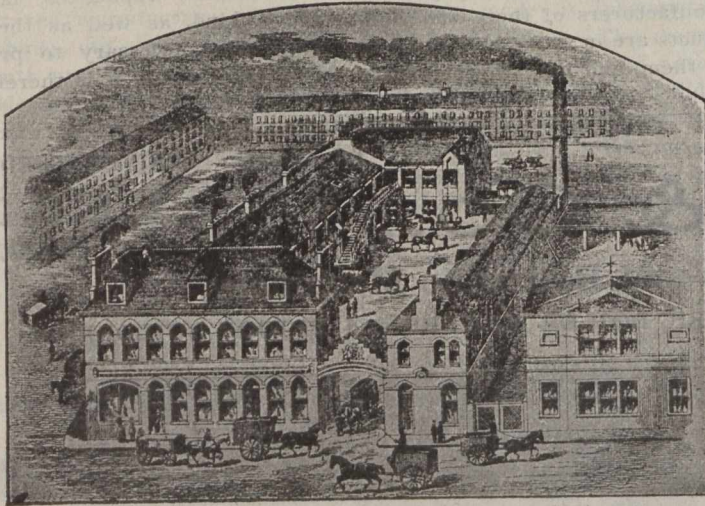
AGENTS WANTED IN CANADA.



ROSS & WALPOLE
Limited,
Engineers,
Millwrights,
Boiler-Makers.
Electric Light and
Tramway Pole Bases.
Iron and
Brass Founders,
NORTH WALL
IRON WORKS,
DUBLIN,
IRELAND.

R. D. & C. J. CRUICKSHANK,

BISCUIT MANUFACTURERS,



[ESTABLISHED 1848.]

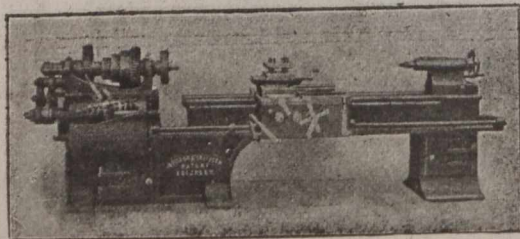
[ESTABLISHED 1848.]

Lambhill Street, Paisley Road,

GLASGOW. . . SCOTLAND.

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.

MANTELS,
TILES,
MOSAICS,

TRANSOM
and PAVEMENT
PRISMS.

WEBSTER BROS. & PARKES,
228 ST. JAMES ST.,
MONTREAL, Que.

ly unnecessary on the part of the Government or the various boards of health to enter into competition.

LOSS IN FIREPROOF BUILDINGS.

The suit recently instituted against the Home Life, by a tenant, for damages on account of a loss in its fireproof building, raises an interesting question regarding such structures. Is the owner of what is known as a fireproof building responsible for so representing it if loss from fire ensues to a tenant? If so, a company insuring him may be subrogated to his claim. In fact, the familiar advertisement of a building as fireproof might be a somewhat risky operation.

We doubt if any such claim can be sustained, regarding a building belonging to the class popularly known as fireproof; that is, a building whose principal materials are incombustible and not subject to disintegration by ordinary fire, although there might be doors, casings, etc., that would support a merely localized blaze. These features are usually obvious to the eye. The case is analogous to that of a party selling a horse which he represented as sound. The purchaser cannot complain of a lameness or

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 kinds of Rock Boring Tools, Centrifugal, Deep Well & Donkey Pumps.

Special Estimates under the new Canadian Preferential Tariff.

(Cut will be inserted as soon as received.)

swelling that was obvious to his eyes at the time. But if there were a latent defect which he had no reason to

suspect, or could not easily detect, then there would be a misrepresentation calling for damages.

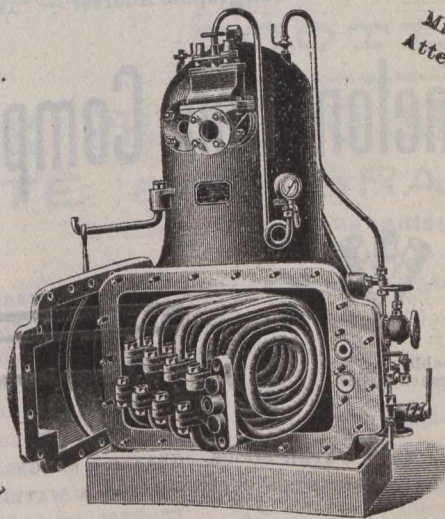
So in case of an alleged fireproof building, which turned out to be built of well-disguised or hidden combustible materials, which permitted the flames not only to secure a local lodgment, but to be readily carried through the whole building, there would probably be good ground for a damage claim. The usual advertisement is well understood to exaggerate the qualities of the article sold, or, if not, to picture it in the most attractive light, but something more than this is needed to sustain a charge of misrepresentation. An absolutely fireproof building, in the sense of resisting any possible assault, is an ideal structure that is not realized in practical construction.

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

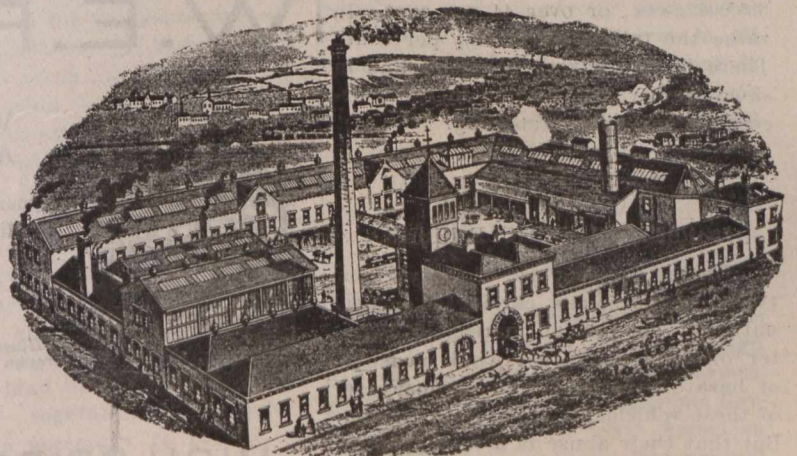
BRITISH BOARD OF TRADE RETURNS.

The British Board of Trade returns for October again show a falling off, both in imports and in exports; but the returns are by no means as bad as they look at first sight, because a

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, ENGLAND.

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

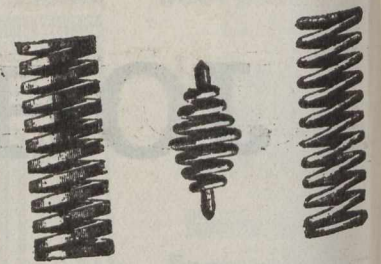
ESTABLISHED 1856.



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."



very large part of the decrease is due to the decline in prices. Still, there is unquestionably a shrinkage of trade; and this was to be expected considering the great depression that prevails all over the Continent. On the other hand, there is some improvement in the trade, both with India and with China. The value of the exports of British and Irish produce and manufactures was £23,983,636, a decrease of £759,294, or 3 per cent. There is a decline in the exports of coal of 3 per cent. in quantity and of as much as 30 per cent. in value. There is also a large decline in pig iron; but on the other hand there are satisfactory increases in cotton yarn and cotton piece goods. The value of the imports for the month was £44,351,403, a decrease of £4,144,205, or 8½ per cent. The falling off is very general; thus there is a decrease of nearly 95,000 cwt. in wheat, chiefly from Argentina and Russia. There is also a large falling off in wheat flour chiefly from the United States. Raw sugar has fallen off likewise. There is a heavy decline in pig-lead and in tin. In raw cotton the falling off is over 685,000 cwt., or over 44 per cent. In value the falling off is 47½ per cent. There is also a very heavy decline in sawn timber, the decline in value exceeding one million sterling.

HORSELESS VEHICLE RISKS.

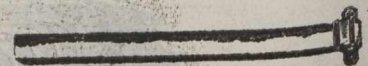
With the growing use of the various types of horseless carriages comes, naturally enough, an increasing chapter of accidents. Just what measure of hazard attaches to the proper use of these vehicles, it is too soon to say. But that their abuse is a very hazardous performance has been abundantly proved, and this abuse is the great

Telegraphic Address.—"CAMELON," FALKIRK.

The Camelon Iron Company, Ltd.,



Single branch pieces. Double branch pieces.



Square Rain-water Pipe.

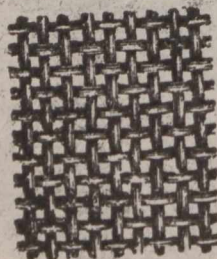
HOT WATER GOODS. RAIN WATER GOODS. GRATES. RANGES. HORTICULTURAL, AGRICULTURAL & BUILDERS' CASTINGS. GAS & WATER PIPES, &c.

GENERAL IRONFOUNDERS,
Camelon Iron Works, - FALKIRK, SCOTLAND.

THE CAMELON CLOSE FIRE KITCHENERS.

W. E. Foggin & Co.,

No. 9 by 9 of 17 g.



WIRE WORKERS AND WEAVERS,

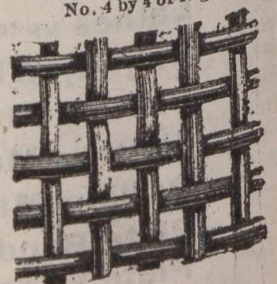
Manufacturers of all kinds of SCREENS for Mining and other purposes

RIDDLES, SIEVES AND GENERAL WIRE WORK.

Illustrated Catalogues and estimates free on application.

ESTABLISHED 1830.

No. 4 by 4 of 11 g.

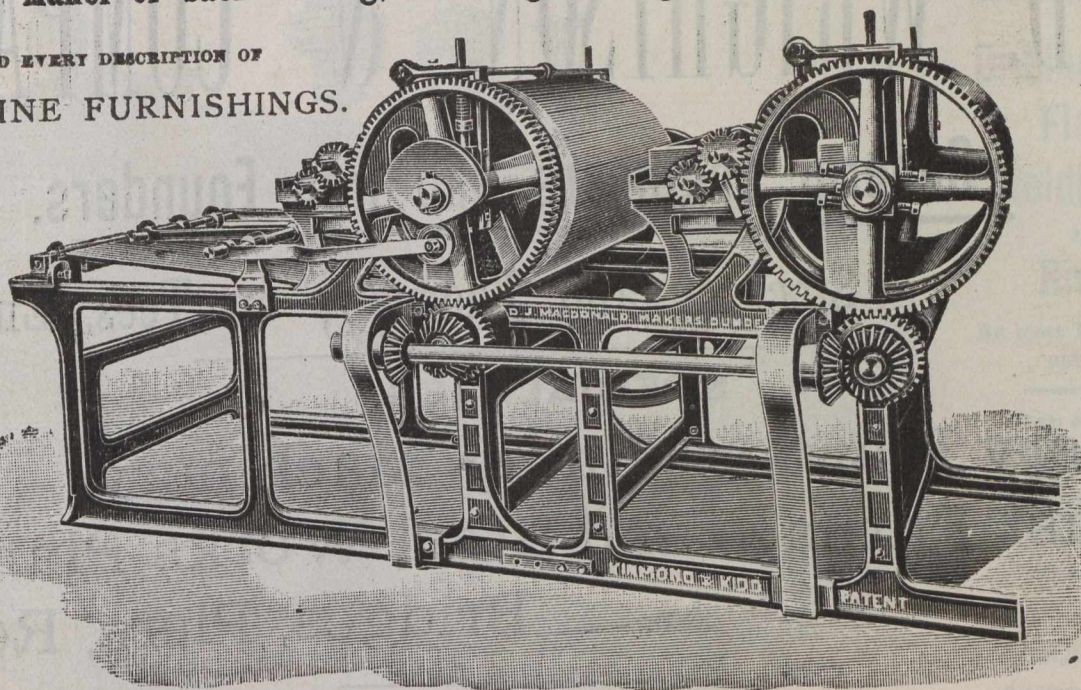


14 HIGH BRIDGE, Newcastle-on-Tyne, Eng.

D. J. MACDONALD, → M. I. ← Mech. E.

Maker of Sack Cutting, Hemming, Sewing and Printing Machines,

AND EVERY DESCRIPTION OF
MACHINE FURNISHINGS.



South St. Roque's Works, DUNDEE,
SCOTLAND.

SACK PRINTING MACHINES, THE FINEST
MACHINE MADE

For JUTE and GRAIN BAG PRINTING.

Special Prices to Canadians under the New Tariff.

temptation in many cases to their employment at all. They are bought, in most cases, for speed, to be driven along highways at a rate rivalling that of an electric railway, or even a locomotive. They are driven at that pace, too, regardless of the rights of the public. Just so long as this kind of business is permitted we may expect to hear of such catastrophes as are being chronicled almost daily.

The ordinary railroad employee is not in it with these reckless drivers, and a special accident permit ought to be required for every person that uses them. Sooner or later this whole business will have to be regulated under the police. The man who undertakes to run them should be licensed. His gait should be prescribed in his license, and any violation or evidence of lack of skill or care should result in its withdrawal. There is less reason why the State should forbid an incompetent man to drive a stationary engine, which endangers nobody but himself, than to drive one of these machines at the peril of all who may be in his way.

NEWS FROM THE YUKON.

—The Yukon News says that the waters of the Yukon have yielded

seventy tons of fish this year fifty being salmon. The amount does not seem very large, but it is a matter of importance to a country where food is so expensive. Some men sinking a well opposite the City Hall in Dawson found gold in the gravel. "If," said some of the enthusiasts, "there are pieces of gold the size of a bean at eleven feet below the surface, what will it be when bedrock is reached?" The Dawson Daily News gives the particulars of this season's yield of gold, reaching 23,003,000. In July \$9,725,000 worth was taken out. Up to 1897 the annual yield was small; since then the record has been: 1897, \$2,500,000; 1898, \$10,000,000; 1899, \$16,000,000; 1900, \$22,275,000; total for five years, including 1901, \$73,000,000.—A Yukon gentleman, owner of an opulent woodpile, left the following notice thereon:—"This is my woodpile. Take what you want. Take what shame will let you take, and pay in to my account at the Aurora dock what your conscience compels." The amount taken was 115 cords; receipts at the Aurora dock, nil. Thus are cynics made.—Prof. Allen, in the employ of the American Government, says that there is good agricultural land in Alaska, and that all kinds of vegetables will thrive there. It is necessary to remove a six-inch layer of moss before beginning farming operations.

PAN-GERMAN UTTERANCES.

There may have been some German expressions regarding South America which would not be worth talking about but for the fact that leading German newspapers think it necessary to disclaim for the nation any responsibility for some of the literature of the Pan-German Association. This association has published matter proposing the annexation of most of the South American countries, Holland, Turkey and a few other portions of the earth. The Berliner Zeitung asks of a sentence in one of these publications, "What does this mean but that when our navy is strong enough we shall begin wars of conquest in all lands where the German element is numerous?" The society has some sort of governmental recognition, and for that reason the Berlin paper says its language cannot fail to be irritating abroad, and that with the cognizance of German ministers and consuls an agitation has begun representing Germans in foreign parts as oppressed and needing help from home. This has aroused the hostility of the foreign communities and is hurting German interests, and the more sagacious German business men in South American cities are arraying themselves against the so-called Pan-German agitation. It

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
(Cut of Bridge will be inserted next week.)

is not likely that a considerable number of responsible Germans have any idea of appropriating South American countries, but if they have they might as well understand that the United States would resist it as it would resist an invasion of its own territories.

NOT INJURIOUS.

There is so much sophistication of foods, and so much of this, in the way of preservatives, serves the public convenience in a high degree, that it is reassuring to learn from a committee of the British Local Government Board that only one of the preservatives in common use is open to serious suspicion of doing harm and no direct evi-

dence of injury from preservatives was obtained by the committee. This preservative is not named, but the committee recommends that its use be absolutely prohibited, that all preservatives and coloring matter be prohibited in the case of milk, and that apart from milk the only coloring matter to be absolutely prohibited be copper sulphate used in canned peas and some like articles. It recommends that very small quantities of boric acid and borax be permitted in butter and substitutes. England has a severe pure food law which accounts for the innocence of chemicals used in food as ascertained by this committee. But the feature of this report which is interesting in this Dominion is that preservatives and coloring matters are not necessarily or usually injurious.

ENFORCING RAILROAD COMPETITION.

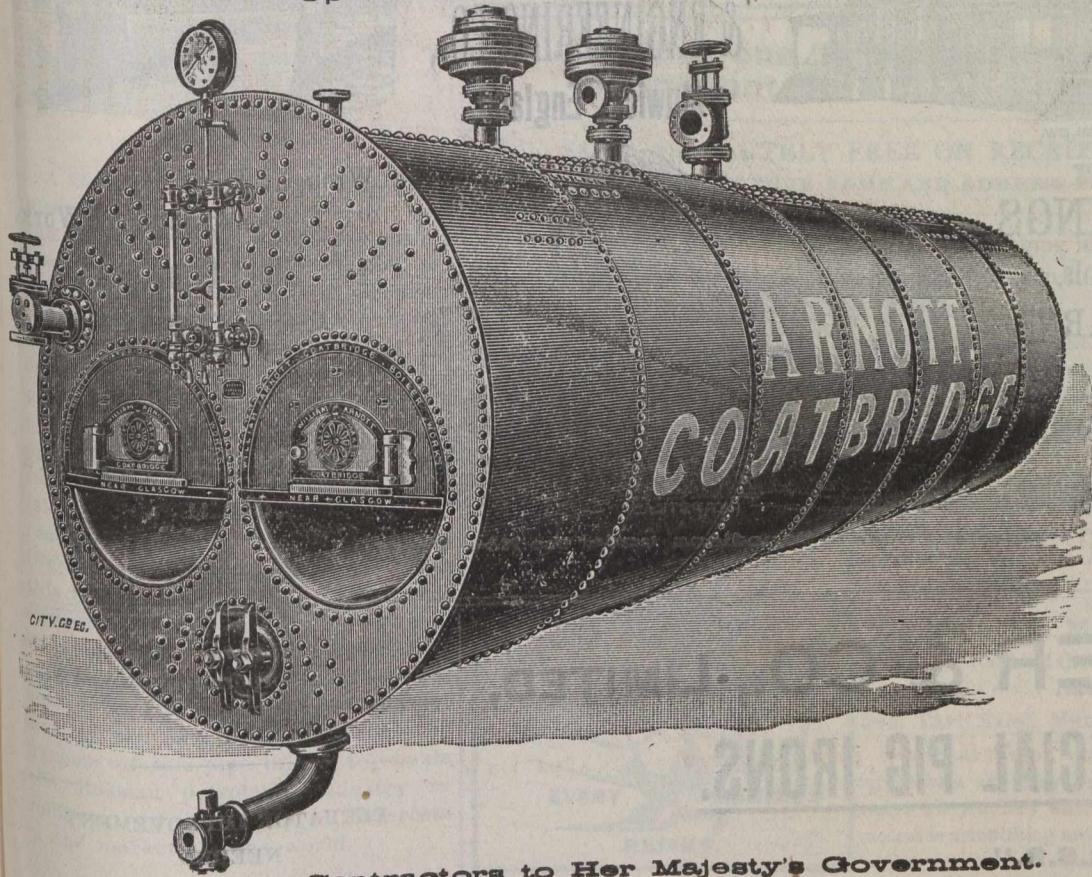
Gov. Van Sant is getting very little assistance in his effort to secure a combination of Western States to break up the combination of the Northern Pacific and the Great Northern roads through the Northern Securities Company. The Governors addressed reply exceedingly civilly and express hearty sympathy with any effort to prevent the railroad companies from making unreasonable exactions upon commerce, but the Governor of Oregon says that his State has no law against combinations and two roads of the State have of their own accord

ESTABLISHED 1870.

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

HIGH-CLASS LANCASHIRE & 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—30 Tons.

Contractors to Her Majesty's Government.

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

EST. BLESSED 1858. ESTABLISHED 1848.

JOHN SWALES & SONS, L^d.

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, Winters, Doublers, Thread
Manufacturers, &c., &c.

PATENT PAPER PERFORATED & SPECIAL TUBES & SPOOLS
FOR REAMING AND CUTTING.

PERFORATED TUBES IN E. ANGLES & ON A PAINT SYSTEM.

CANNETTES, PAPER PHINS.

Patent Conical and Parallel TUBES and SPOOLS
FOR THE WINDING OF YARN.

OLDEST MAKERS OF PAPER SPOOLS & BLOCKS
FOR THE WINDING OF YARN.

COMPRESSED PAPER BOBBINS OF ALL KINDS
FOR MILL PURPOSES.

For the spinning, reaming, and finishing of Yarn, Worsted, Flax, Hemp, Jute, and Tow.

SPECIAL WARPING BOBBINS for Exporting Yarns, Textiles, &c.

PAPER TAP SLEEVES for Sewing, &c. **BRASS & WIRE SPINDLE RINGS.**

Sole Makers of SWALES' PATENT TUBING APPARATUS,
(EITHER PERMANENT OR PORTABLE)

Made of the best material and worked to order and delivered in the most expeditious manner.

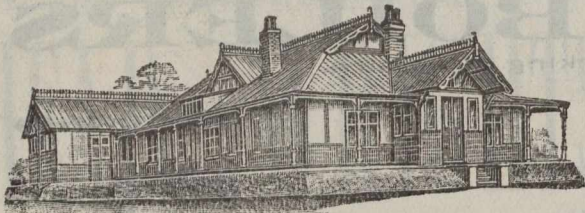
Manufacturers' Royal Patents. Telephone: "TURKEY, Glasgow." All communications to be addressed to the Works.

Oldham Cop Tube Works
MOORHEY, OLDHAM,
ENGLAND

ixed passenger fares at 25 per cent. below the statutory maximum, and two "are making commendable efforts toward the development of their respective territories, and have become a great help to the people." With great sagacity he can see no harm in a consolidation of railways unless they increase their charges, and that can be remedied by law. "It may prove an easier matter," he says, "to regulate rates than to prevent consolidation."

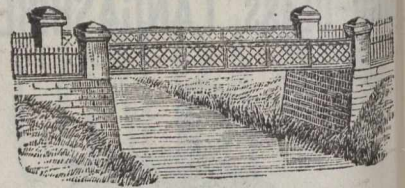
THE PAN-AMERICAN.

Confusion reigns in the board of directors of the Pan-American exposition. The board agrees to sell the buildings to a Chicago wrecking company for \$93,000, and the company is anxious to take them, if it can be guaranteed exemption from lawsuits as a result of tearing down the structures. Every creditor of the exposition company, and there are many, wants a piece of the \$93,000, and makes various alarming threats if he does not get it. The insurance on the buildings has run out, and a fire now would mean a big loss. A balance in excess of \$93,000 is due the first mortgage bondholders; \$50,000 of it will be needed to place the property in the condition it is bound to be in by contract; holders of liens demand \$88,000 of it, and 8,000 gold, silver and bronze med-

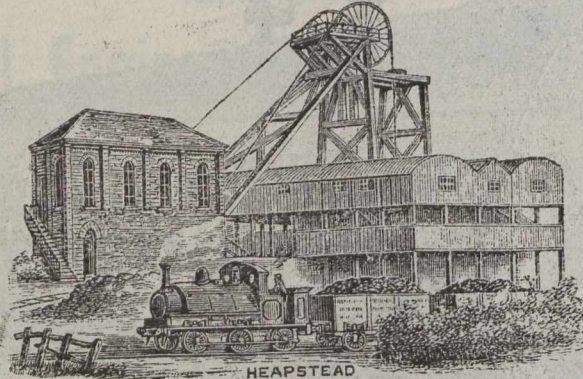


BUNGAL OW.

THE ALNWICK FOUNDRY & ENGINEERING CO.,
Alnwick, England,



MANUFACTURERS OF
IRON BUILDINGS,
Churches, Schools,
HOSPITALS, BARNs,
WAREHOUSES,
HEAPSTEADS.
Huts, Hay Sheds, Farm Buildings.



HEAPSTEAD

Wrought Iron
Constructional Work.
Steel Principals,
GIRDER..
BRIDGES,
CAGES,
FENCING, &c
COLUMNS.

Special Prices to Canadians under the New Tariff

WARNER & CO., LIMITED,
Makers of... **SPECIAL PIG IRONS.**

Brand "WARNER C.S.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.

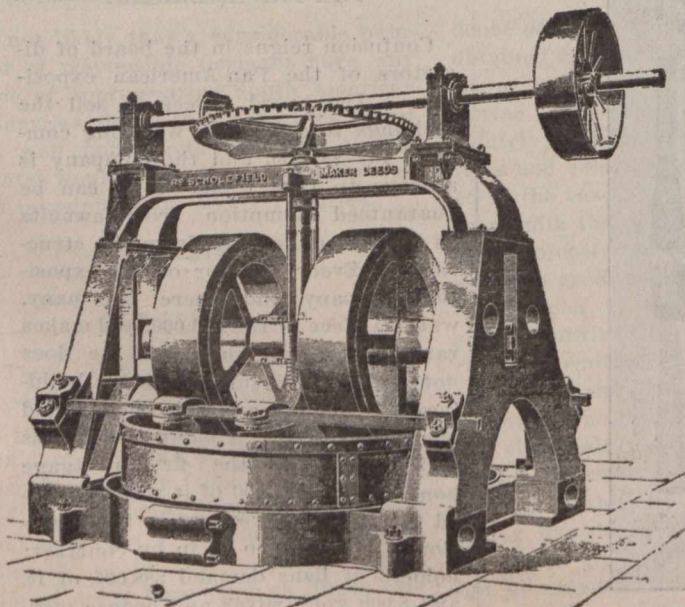
Cargo Fleet, Middlesbrough-on-Tees, England.

als must be issued from the \$93,000— of the wrecking company. There are and the \$93,000 is still in the pockets certainly pleasanter experiences than

winding up in downright poverty the affairs of a corporation formed amid dreams of affluence.

ELEVATOR IMPROVEMENT NEEDED.

The sudden and accidental starting of the elevator in Newark's largest departmental store, a few days ago, resulted in the instant death of a customer who was entering at the time. Frequent accidents from this cause occur, and attach a serious liability to the proprietor or the corporation guaranteeing them. What is needed is a device rendering it impossible to start the elevator until the door has ben closed, or to open a door until the elevator has been properly located for the purpose. Automatic devices of this kind, when found to be successful, should be required to be attached to all passenger elevators. The principle should be the same as in the locomotive spark arrester. No particular patent should be favored



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.

by law. It should simply require an efficient device to be employed. Experience has shown that the elevator man or boy cannot be trusted to open and close the door.

RUSSIAN OIL.

A German report on the Russian oil business says that the railway from the Baku oil field to Batoum has a theoretical capacity of 400,000,000 gallons a year, but so many accidents have occurred to the road that the actual transportation has rarely exceeded 75 per cent. of that. For the past year a pipe line has been in operation over 142.5 miles of the distance, by the end of next year an additional 88.8 miles of pipe will have been laid and an imperial order has already been issued for the laying of the remaining 311 miles of pipe. When this is completed it will have a capacity of 625,000,000 gallons a year, and it is estimated that the transmission of five gallons through the pipe will cost .6 of a cent against the present cost by rail of 2 cents. The declared purpose of this pipe line is to enable the Russian petroleum industry to compete with American oil interests in the markets of the world.

IMPORTANT CHANGES IN TERMS.

Some important changes were made in the terms of trade as affecting grain transactions at a special meeting of the Toronto Board of Trade, the by-law being amended to insist that a carload of Ontario wheat, corn, barley, rye and peas shall mean 40,000 lbs., oats and buckwheat, 35,000; Manitoba grain, 40,000 lbs., and meal, feed and other produce the minimum weight allowed by railway regulations.

When grain is sold in specified quantities the sellers shall have the option of delivering within a five per cent., more or less, of the quantity sold, but the excess or deficiency within the five per cent., shall be paid for at the market price at the time of delivery. The time for reporting a shortage in grain was extended to 60 days. The former time was 30 days. Prompt shipment was defined to mean within 14 days, but the buyers must send shipping instructions not later than three days following the day of call.

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.

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.

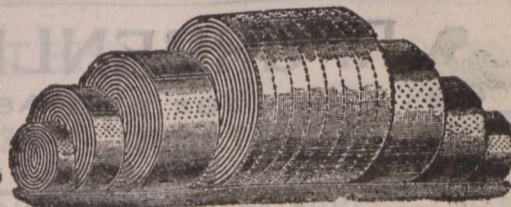
Sold by all Druggists

FLETCHER & SHAW, GOVERNMENT & RAILWAY CONTRACTORS,
Ryburn Leather Works,
SOWERBY BRIDGE, ENGLAND.

Trade-Mark—Fletcher & Shaw, Sowerby Bridge.

Manufacturers of every description of

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



Telephone No.—0980, Halifax.

Cotton, Hair
and Link Belting, &c

Special prices to Canadians under the new Canadian tariff.

Telegraphic Address: "PURIFIER, BATLEY."

ESTABLISHED 1865

JOHN ILLINGWORTH & SONS,

Ridings Mills, WHITELEE,
(And at Garfield Mills).

BATLEY, ENGLAND.

Patentees and Sole Makers of the
CELEBRATED PURIFIED

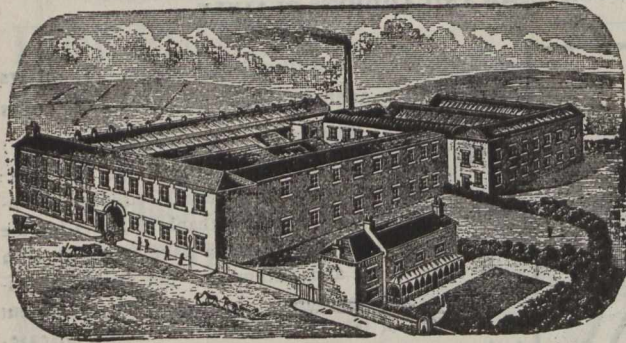
Flocks and Wools,

Large Stocks of all Descriptions of

Drummed Wools & Ruggings

Manufacturers of
all kinds of . . .

FOR COLLAR MAKERS
AND BROWN SADDLERS.



RIDINGS MILLS.

HORSE CLOTHING FOR HOME AND EXPORT

Kersey, Rugging, Tiltings, India and Check Serge. Prince's Check, Linen, Hemp, Navy Canvas, Combination and Jute Sheets of every variety.

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, Breast-plates, Driving Reins, Cruppers and Stirrup Leathers made on the premises, for Home Trade and Export.

NONE BUT THE TRADE SUPPLIED. PRICES ON APPLICATION.

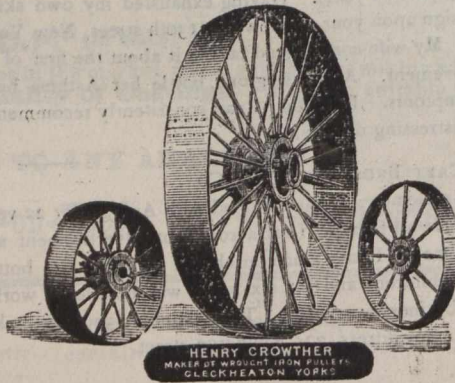
Wrot.-Iron Pulleys.

Bright Steel Shafting.

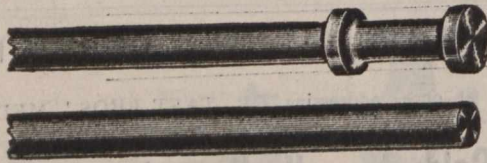
Lists sent Post Free
on Application.

Telegrams:
"Crowther, Cleckheaton."
A B C Code used.

Telephone
42.



HENRY CROWTHER
MAKER OF WROUGHT IRON PULLEYS
CLECKHEATON YORKS



HENRY CROWTHER, Rolling Mills,

Cleckheaton,
YORKS, ENGLAND.

Special Terms to Canadians under the New Tariff.

—An important insurance case, the first of the kind ever tried in Canada, was settled by a jury at the Winnipeg assizes last week. A man and woman named Hurst, who live near the town of Emerson, were accused by the agent of the Hartford Insurance Company of removing and concealing goods from a house which was afterwards set on fire, with the intention of defrauding the company. The defence set up was to the effect that the goods removed were not covered by the insurance in question. The jury returned a verdict of guilty, but as there were some technical objections to the evidence, the judge allowed a reference on this point to the full court.

—The marine insurance companies carrying risks on the lakes have been in correspondence over a request from Canadian western shippers that the period of insurance should be extended from December 5 to 12, so that the sea-



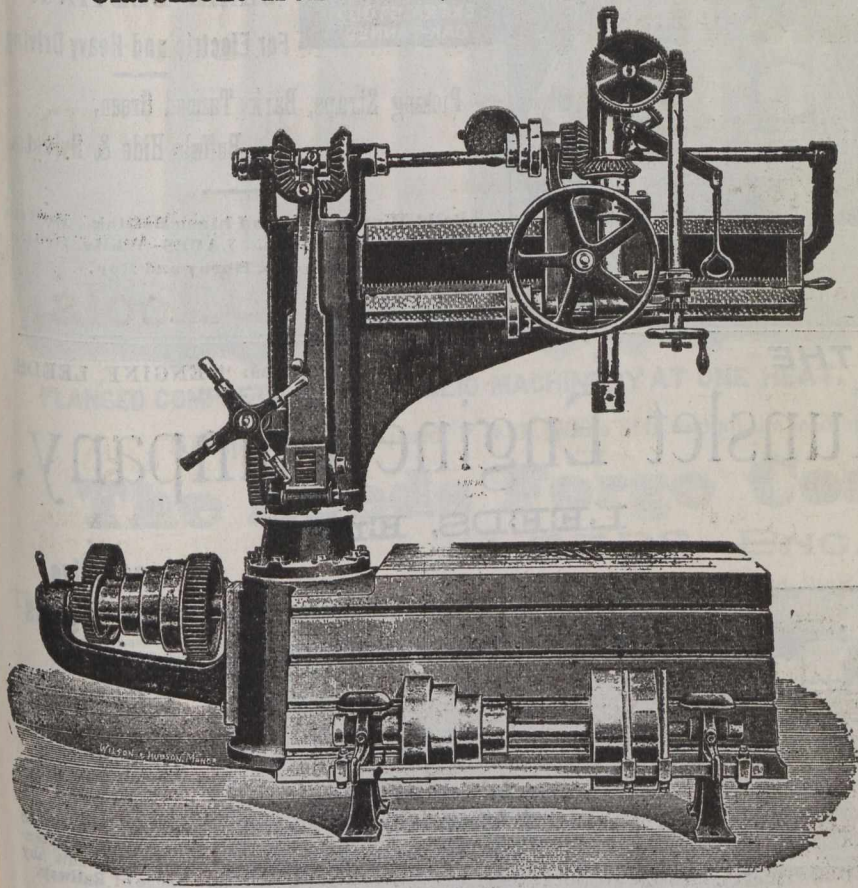
R. GREENLEES & Co.,

Fender and Ashpan Makers,
42 GREAT CLYDE STREET, GLASGOW, SCOTLAND.

Works: 30 East Howard Street.

Illustrated Price Lists on Application.

GEORGE SWIFT,
Claremont Iron Works, HALIFAX, ENGLAND



IMPROVED 5-FT. RADIAL DRILLING AND TAPPING MACHINE

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

“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.

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.

son of navigation could be lengthened and exporters be enabled to get their grain out of the Canadian Northwest. The companies have decided to extend the season in individual cases, where exporters asking are their regular customers, and where the vessels are considered in the first class. After December 5 a higher rate will be charged. The best class of Canadian boats will have no difficulty in obtaining the extension.

—The quinine market was strengthened considerably by the result of the auction sale of cinchona bark in London and there has been considerable business done, both in this market and in London. Previous to the receipt of the news regarding the bark sale, brokers made a vain attempt, it is said, to buy up available outside stocks of quinine. The failure of the reported attempt was due to the confidence of holders in the situation. It is not expected that manufacturers will make any change in quotations until the total amount of bark shipped from Java during the month is known.

—Marconi's purpose in going to Newfoundland to conduct his wireless telegraph experiments is that he may study all the difficulties that now confront its development, for the weather conditions and electrical disturbances along the Newfoundland coast are notoriously bad. But we had supposed that one of the chief troubles with wireless telegraphy in its present stage was the difficulty of keeping two or more systems from conflicting.

—It is announced that an arrangement has been arrived at for continuing the Canadian Northern Railway through to the Pacific Coast. The proposed line will run via Prince Albert, Edmonton and the Yellow Head Pass to Bute Inlet, where connection will be made by ferry with the Vancouver island railway for Victoria.

—Work on the surveying of the new railway line northwest of Edmonton has been suspended for the season. The survey party under Mr. McLean began work northwest of Morinville and worked through to the Pembina river and thence eastward for some distance east of the trail to Athabasca Landing.

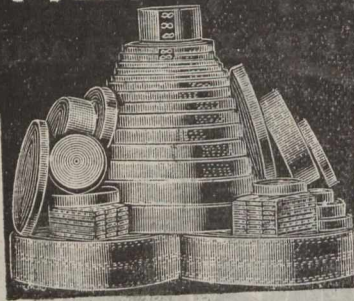
—A large deposit of iron has been discovered 24 miles north of Sault Ste. Marie. A vein of specular iron ore, 300 feet wide and 60 per cent. pure on the surface, has been found; while the whole deposit is in the nature of a mountain, suggesting comparisons with the Helen mine at Michipicoten.

Established 1857.
JOHN OLDFIELD & CO.,
 THE CITY TANNERY
 & LEATHER WORKS,
BRADFORD, - - England.

LEATHER BELTING

SINGLE AND DOUBLE
 LEATHER BELTING

SPECIALITY
 EXTRA STOUT
 OAK-TANNED



LEATHER-LINK
 —OR—
CHAIN BELTING.
 For Electric and Heavy Driving

Picking Straps, Bark Tanned Green,
 Buffalo Hide & Helvetia.

Solid Woven Hair and Linen Belting. Buffalo
 Hide, Skeps or Tubs. LAOES—White, Brown
 (or Oiled,) Helvetia, Horny and Rep.

OAK-TANNED LEATHER BELTING.
 Single and Double.

Special Rates to Canadians under the New Tariff.

—Incorporation is to be sought for
 the Canadian Preserved Butter Com-
 pany of Montreal, which proposes to
 deal in dairy produce, and to manufac-
 ture and can butter, cheese, condensed
 milk, etc.

CANADIAN CUSTOMS TARIFF.

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

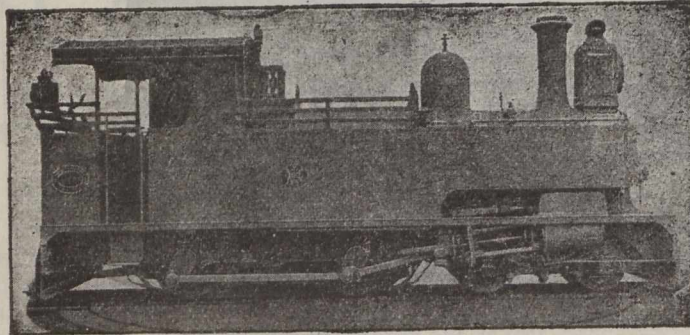
The initials N. O. P. represent and
 have the meaning of the words "not
 otherwise provided for."

(Continued from Page 2315.)

Manilla twine, other, N. E. S., see
 Twine; Manilla grass, see Grass;
 Manilla hoods, see Caplins; Mani-
 cur files, 30 p.c.; Manilla carpeting,
 stained paper, 35 p.c.; Manilla plaits,
 see plaits; Mantels, slate, 30 p.c.;
 Mantels, marble, 35 p. c.; Mantles,
 clothing, see Clothing; Manures, see
 Fertilizers; Manufactures of iron,
 steel or brass for ships or vessels,
 etc., see item Masts; Manuscripts,
 type written 35 p.c.; Manuscripts,
 N.E.S., and insurance maps and al-
 bum insides of paper, free; Maple
 sugar and maple syrups, 20 p. c.;
 Maps, insurance maps, free; Maps
 and charts, N.E.S., 20 p.c.; Maps and

THE
Hunslet Engine Company,
LEEDS, Eng.

Telegrams: "ENGINE, LEEDS."



Locomotive Tank Engines

of all descriptions
 and any size, for

Ironworks, Col-
 lieries, Contrac-
 tors, Docks,
 Manufactories,
 Branch Railways,
 &c., &c.

Specially designed
 for any circumstan-
 ces, 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.

charts for the use of schools, for the
 blind, free; Marble dust, 20 p.c.;
 Marble waste, free; Marble, sawn
 only, 20 p.c.; Marble, rough, not
 hammered or chiselled, 15 p.c.; Mar-
 ble statues, 35 p.c.; Marble, finish-
 ed or polished, 35 p.c.; Marble, all
 manufactures of, N.E.S., 35 p.c.;
 Marmalade, 3¼ cents per lb.; Ma-
 roon, in pulp, 25 p.c.; Masks, see
 Fencing Foils; Masolene furniture
 polish, as spirits, see Spirits; Mastic
 gum, see Gums; Masts, iron or
 steel, or parts thereof, and iron or

steel beams, angles, sheets, plates,
 knees, and cable chain for wooden,
 iron, steel on composite ships and
 vessels and iron, steel, or brass man-
 ufactures which at the time of their
 importation are of a class or kind
 not manufactured in Canada, when
 imported for use in the construc-
 tion or equipment of ships or ves-
 sels, free; Matches, of wax, 20 p.c.;
 Matches, of wood, 25 p.c.; Match
 safes and boxes, to pay according
 to material; Mathematical instru-
 ments, for colleges, &c., see Philoso-

Fulled Raw Hide Belting AND Laces.

Card Clothing
 of all Kinds.

CHROME and Oak Tanned
 Picking Bands...

Single "Cemented" Belting,
 Double Belting,
 Rubbing Leathers.

Every Description of LEATHER for Mechanical Purposes.

Edward Fairburn & Sons,

Caldervale Mills,
BRIGHOUSE, Eng.

Special Terms to Canadians under the New Canadian Tariff.

MORISON SUSPENSION FURNACES.



EASILY SCALED.
 GREATEST EVAPORATIVE EFFICIENCY.
 HIGHEST FACTOR OF SAFETY.
 MADE UNDER ALL SURVEYS.
 LATEST FORMULÆ ON APPLICATION.
 UNIFORM THICKNESS.

FLANGED COMPLETE BY HYDRAULIC MACHINERY AT ONE HEAT.

As supplied to the Cunard, P. & O., White Star, and all the leading steamship lines in the world.

The Leeds Forge Company, Ltd. LEEDS, ENG.

These Furnaces are made from special quality of Open-Hearth Acid Steel made at our Works, from the best selected brands of Swedish and Cumberland Hematites.

The United States Survey allow a Constant of 15,000 for Morison Suspension Furnaces and only 14,000 for all other corrugated types of furnace.

Agent: Mr. GEORGE HOLLAND, 12 Seymour Avenue, Montreal, P.Q. - P.O. Box 5291.

STOCKS AND BONDS—INSURANCE COMPANIES—CANADIAN.—Montreal Quotations Dec. 2, 1901.

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	103½
Canada Life.....	2,500	5-6mos.	400	50	....
Confederation Life.....	10,000	7¼ 6mos.	100	10	....
Western Assurance.....	25,000	5-6mos.	40	20	100
Guarantee Co. of North America.....	13,372	6	50	50	....

BRITISH AND FOREIGN.—Quotations on the London Market, Nov. 23, 1901. Market value p. p'd up sh.

Alliance Assur.....	250,000	8s. p.s.	20	2 1-5	9½	10½
Atlas.....	24,000	24 p.s.	50	6	228	430
British and Foreign Marine.....	67,000	25	20	4	8½	9½
Caledonian.....	21,500	12s. p.s.	25	5	5	31 1-1
Commercial U. Fire, Life and Marine.	50,000	27½	50	5	44½	45½
Guardian Fire and Life.....	200,000	9	10	5	8	9½
Imperial Fire.....	60,000	25	20	5	27	28
Lancashire Fire.....	186,492	5	20	2	3½	3½
Lion Fire.....	100,000	3	1½	1½	1½	3½
London and Lancashire Fire.....	85,100	22	25	2½	16½	17½
London Assurance Corporation.....	35,862	20	25	12½	51½	52½
London & Lancashire Life.....	10,000	10	10	2	8	8½
Liv. & Lon. & Globe Fire and Life..	391,762	90	St.	2	42	43
Northern Fire and Life.....	20,000	*23½	100	10	74	76
North Brit. & Merc. Fire and Life.....	110,000	30s. p.s.	95	6½	36	37
Norwich Union Fire.....	11,000	*33½	100	12	102	105
Phoenix Fire.....	53,776	35	50	5	237	238
Royal Insurance Fire and Life.....	125,224	58½	20	10	48	49
Sun Fire.....	240,000	2s 6d p.s.	10	10	10	10½
Union.....	45,000	18 p.s.	10	4	17	18

*Excluding periodical cash bonus.

phical Instruments; Mathematical instruments, N.E.S., 25 p.c.; Mat-trasses, hair, spring and other, 30 p.c.; Matting and mats of jute or hemp, 25 p.c.; Matting and mats, cocoa, 25 p.c.; Matting, cork or car-pet, see Oil Cloths, &c.; Mats of straw, 25 p.c.; Mats, articles for the manufacture of, see Jute, etc.; Mats, door or carriage, N.E.S., 35 p.c.; Matting and mats of rubber, 35 p.c.; Mattocks, 30 p.c.; Matrices, or copper shells, &c., see Stereotypes, &c.; Maypole soap dye, if a patent prepared dye, free; Meal, when dam-aged by water in transitu (on ap-praised value), 20 p.c.; Meal, locust bean meal, not roasted, &c., free; Meal, buckwheat, ¼ cent per lb.; Meal cake, see Oil Cake; Meal, In-dian cornmeal, see Flour; Meat choppers and pounders, iron or steel, 30 p.c.; Meat pounders, all wood, 20 p.c.; Meats, beef salted in barrels, the barrels containing the

Polishing --- A Pleasure.



Will not Fingermark.

Stephenson's
 Furniture
 Cream.

OLD STRAW HATS MADE EQUAL TO NEW



IN 10 COLORS DRIES IN 10 MINUTES.
 Sold in 3d. and 6d. Bottles.

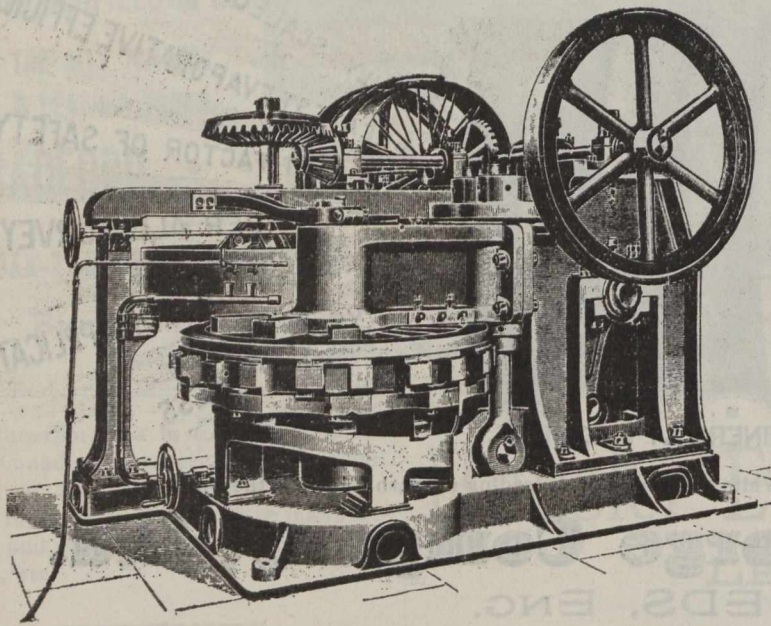
RESISTS DAMP. GLOSSY SURFACE. EASILY APPLIED

STEPHENSON BROS., Ltd.,

BRADFORD, England.

Special Prices to Canadians Under the New Tariff.

Telegraphic Address:
"ALEXSON, LEEDS."



Brick, Tile and General Clay Working Machinery

Herbert Alexander & Co.
LIMITED.

Queen's Engineering Works

Water Lane,
LEEDS, Eng.

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.

same, to be free, 2 cents per lb.;
Beef, fresh, 3 cents per pound;

Canned meats and canned poultry,
and game, extracts of meats and
fluid beef not medicated, and soups,
25 p.c.; Pork, barrelled pork, salted,
the barrel to be free, 2 cents per
lb.; Pork, fresh, barrelled pork, 3
cents per lb.; Lamb, fresh, 35 p.c.;
Mutton, fresh, 35 p.c.; Other meats,
fresh, N.E.S., 3 cents per lb.; Poul-
try and game, N.O.P., 20 p.c.; Ditto
canned, see Canned Meats; Pork,
when imported in barrels, the bar-
rels to be free, 2 cents per lb.;
Meats, extract of fluid beef not medi-
cated, 25 p.c.; Meats, potted and
specially prepared meats, not medi-
cated, in cans, 25 p.c.; Meats, N.E.
S., when in barrel, the barrel to be
free, 2 cents per lb.; Meat stuffers,
according to material; Meat juice
(Valentine's), 25 p.c.; Meats, mince
meat, ½ cent per lb. and 35 p.c.;
Medals, collections of and of other
antiquities, free; Medals, German
or nickel silver, not plated, 25 p.c.;
Medals, gold, 30 p.c.; Medals, brass,
30 p.c.; Medals, sterling or other
silver, 30 p.c.; Medals, won in com-
petition, see Cups, free; Medals,
bronze, 30 p.c.; Medals, plated, 30 p.

c.; Medals, of gold, silver or copper,
and other metallic articles actually
bestowed as trophies or prizes, and
received and accepted as honorary
distinctions, free; Medicines, all
medicinal, chemical and pharmaceu-
tical preparations, when compound-
ed of more than one substance, in-
cluding patent and proprietary pre-
parations, tincture, pills, powders,
troches, lozenges, syrups, cordials,
bitters, anodynes, tonics, plasters,
liniments, salves, ointments, pastes,
drops, waters, essences, and oils, N.
E.S., provided that drugs, pill mass-
and preparations, not including pills
or medical plasters recognized by
the British or the United States
Pharmacopoeia, or the French Cor-
dere as official, shall not be held to
be covered by this item; all liquid
containing alcohol, 50 p. c.; Medi-
cines, patent, all other, liquid or
not, 25 p.c.; Medicinal preparations
of vaseline, petroleum, etc., see vas-
eline; Medicines, other, N.E.S., 20
p.c.; Meerschaum pipes, 35 p.c.;
Merschaum pipes, imitation of, 35
p. c.; Meerschaum, crude or raw,
free; Meerschaum, cigar and cigar

REGISTERED BRAND



"WAVERLEY."

Special Prices to Canadians
under the New Tariff.

Waverley Iron & Steel Co.,

COATBRIDGE, SCOTLAND, Manufacturers of

HIGHEST CLASS SCOTCH IRON & FINEST INGOT STEEL.

IN BARS, ANGLES, TEES AND HOOPS.

Iron and Steel tested with "Buckton's" latest machine, and certified accordingly, if required, before leaving the Works.

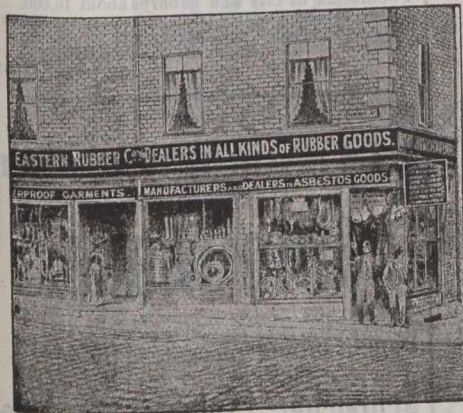
Special attention given to the quality for Horse-Shoeing, Rivet, and all other purposes.

Shipping Ports:—GLASGOW, GREENOCK, LEITH, GRANGEMOUTH.

Telegrams: "RUBBER COMPANY, NORTH SHIELDS."

The North Eastern Rubber Co.

Manufacturers and Dealers in all Descriptions of



India Rubber,
Asbestos,
Leather
Goods,
Waterproof
Garments,
Buffers,
Valves
Packings,
Belting,
Hose,
Tubing,
&c., &c.

47 Prudhoe Street and Cor. Borough Road,
NORTH SHIELDS, Eng.,
and Fowler Street, South Shields, England.

CONTRACTORS TO H. M. GOVERNMENT.

HARRAP Bros.

Sole Makers of the Celebrated



RUG
WOOL

(REGISTERED)

Also Manufacturers of WORSTEDS, SCOTCH FINGERINGS,
GERMAN WOOLS, "PRIMULA" ANDALUSIAN, and all
kinds of KNITTING WOOLS.

Bective Mills, Alverthorpe, Wakefield, England.

Special terms to Canadians under the new tariff.

ette holders, 35 p.c.; Meerschaum, manufactures of, N. E. S., 20 p.c.; Melado, see Sugars; Melons, see Vegetables, 25 p. c.; Menageries, horses, cattle, carriages, and harness of, under regulations prescribed by the Minister of Customs, free; Metal, babbitt metal, 10 p.c.; Metal boxes, see Boxes; Mescal, see Spirits; Metal glove fasteners; paper mache shoe fittings, shoe eyelets, shoe eyelet hooks, shoe lace wire fasteners and sewing machine attachments, free; Metal, composition metal for the manufacture of filled gold watch cases, 10 p.c.; Metal, yellow metal, in bars, bolts, and for sheathing, free; Metal, tagging, &c., see Tagging Metal, &c.; Meters, gas, 35 p.c.; Meters, water, 25 p.c.; Methylated spirits, see Spirits; Mexican fibre, natural, free; Mexican saddle trees and stirrups of wood, free; Mica, N.E.S., 20 p.c.; Mica, pulp, 25 p.c.; Microscopes, N.E.S., 25 p.c.; Microscopes, for universities, schools, etc., see Philosophical Instruments.

(To be Continued.)

THE HORSE TRADE.

Late advices from Glasgow regarding the U.S. and Canadian horse sales, report: There have been large arrivals during the past week both from the States and Canada. The shipments included both carriage and matching horses, while there was also a number of heavy draught horses and van-horses. Taken all round, the animals were a superior lot; they were of good substance, style, and action. The consigners were Messrs. J. & J. Watson and Dalgetty Brothers. The attendance of buyers during the week was larger than usual, they were forward from all parts of the town and country. Trade for the best class horses was good throughout, and the values they realized were high. Secondary also met a fairly good trade,

Slater's Patent "RELIABLE" DRAUGHT DUST & RAIN STOPPER

For the Bottom of Doors.

Stock Two sizes, & 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.

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

Cuts will be inserted as soon as made.

Telegraphic Address:—"DAZZLE, MANCHESTER." A.B.C., Code.

Donovan & Co., Ltd.,

Successors to

J. S. Leach & Co., Ltd.,

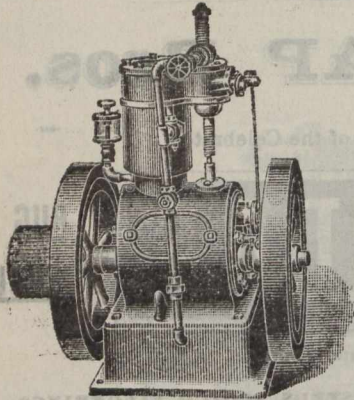
Engineers, Tin & Copper Smiths.

Designers of Special Machinery.

Broughton Bridge Iron Works,

SALFORD, MANCHESTER, ENGLAND

The Sylvester Gas and Gasoline Engines



are, beyond doubt, the most complete and economical Engine on the market. They are compact and perfectly under control, easily managed, get up speed immediately, thoroughly reliable and where intermittent power is required, they are just the thing.

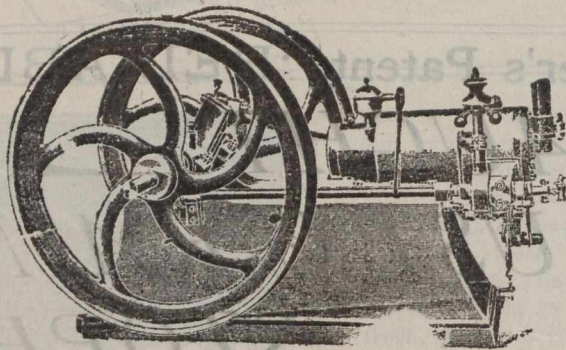
They are built in sizes from 1 to 20 horse power, upright and horizontal, for pleasure yachts, boats, shops, farm work and any purpose where light power is required.

Tell us to what use you want to put the engine and what power you require, and we will name you prices.

The SYLVESTER BROS. M'FG CO., Lindsay, Ont.

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.

WINDSOR,

Essex Co., Ont., Canada.

The Board of Trade is prepared to entertain proposals for the location of Industries in the city. Population of city and suburbs about 16,000. No better rail and water transportation facilities in Canada. Address with particulars: F. H. MACPHERSON, Secretary B. of T.

GAS ENGINE FOR SALE.

Otto Make.

Bought of and guaranteed by

Schleicher, Schumm & Co.,

of Philadelphia

Ten horse-power. Slide Governor. Needs no engineer. Can be started immediately with a match. No smoke. No smell. In first-class running condition. Economical. Costs from 90 cts. to \$1.25 per day for gas and all expenses. Always ready.

Apply to

M. S. Foley,

171 St. James Street.

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

but the values received for them were in favor of the buyers. All the horses were open for trial, inspection and examination. This was largely taken advantage of. The animals were guaranteed sound in wind, free from vice, and warranted quiet in single and double harness. Their ages ranged from 4 to 8 years. Best class carriage horses realized up to £85; secondary, from £50 to £63; matching horses made from £50 to £70 a head; vanners, best class up to £65; secondary, from £40 to £58; heavy draught horses, best sorts, up to £58; secondary, from £44 to £48. A total clearance was effected.

GOVERNMENT CONTRACTORS.

GIRDERS, BRIDGES, ROOFS, STAGES, WROG. IRON AND STEEL PIPES, HAY AND CORN SHEDS.

IRON BUILDINGS, FLOORING BUILDERS IRON AND STEEL WORK, PIERS, BARGES, TANKS.

AREA 103 ACRES.

CAPACITY OF OUTPUT 30,000 TONS ANNUALLY.

FRANCIS MORTON & CO. LTD

HAMILTON IRON WORKS
GARSTON NEAR LIVERPOOL.

PETROLEUM TANK.

RICK COVERS, GRANARIES, WIRAILINGS, GATES, WIRE AND UNCLIMBABLE FENCING OF ALL DESCRIPTIONS.

C.I. TANK.

LIGHT & HEAVY CASTINGS, BLAST FURNACE CASINGS, HOT BLAST STOVES, VALVES & RADIAL DRILLS.

RADIAL DRILLS FOR BRIDGE WORK.

LONDON OFFICE
17, VICTORIA STREET
WESTMINSTER, S.W.

Telegrams : " WALKER-HODGETTS, SALFORD.

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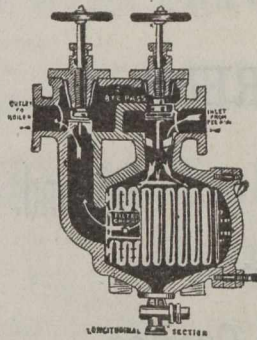
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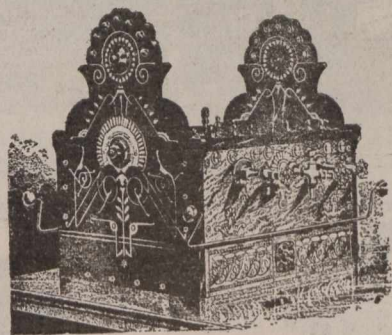
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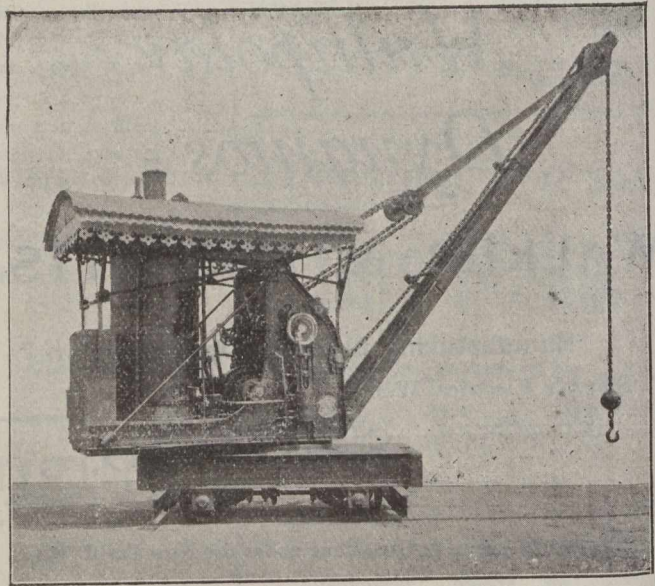
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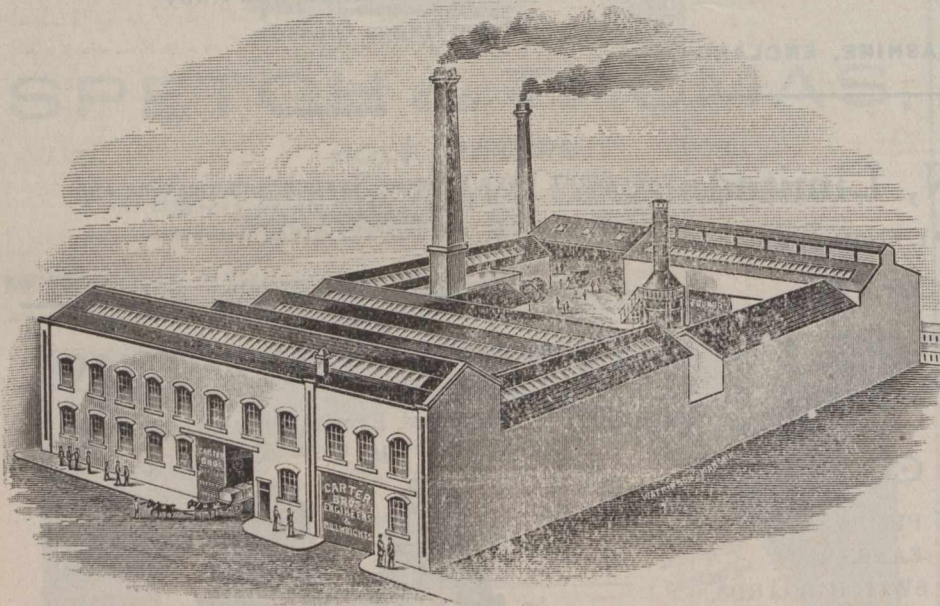
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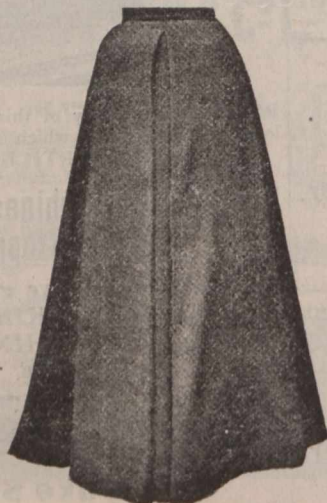
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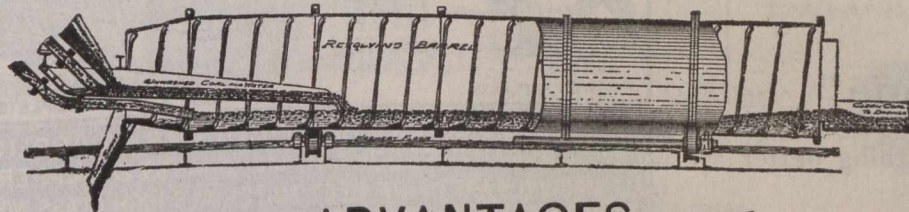
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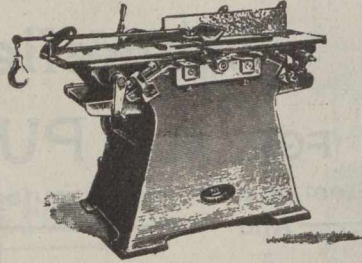
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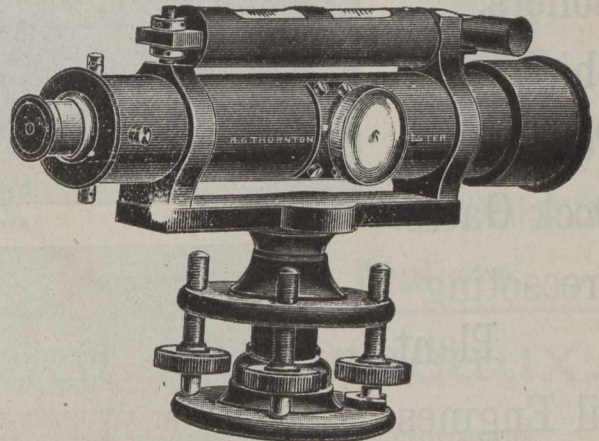
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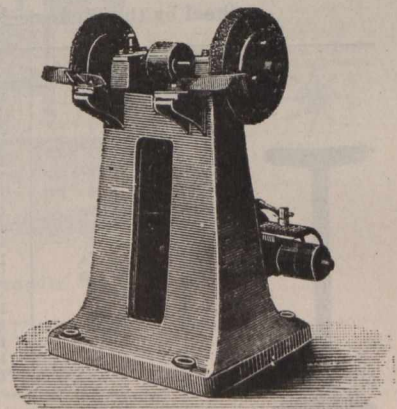
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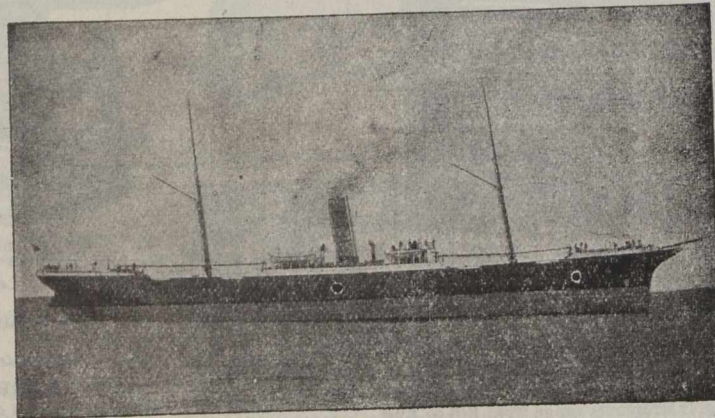
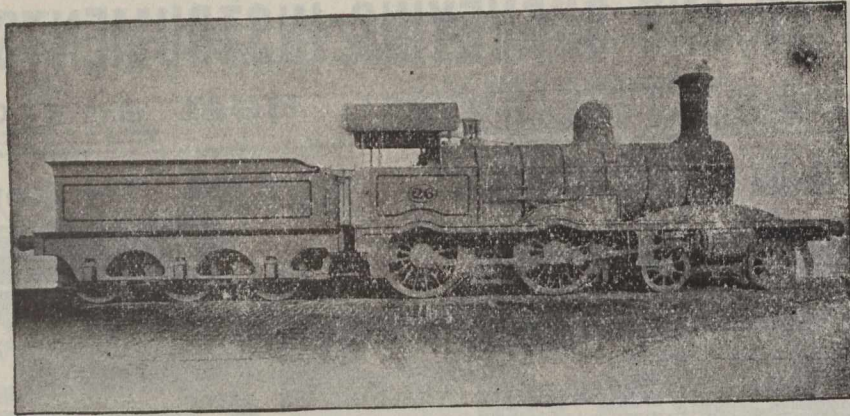
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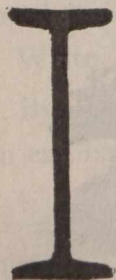
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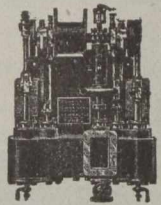
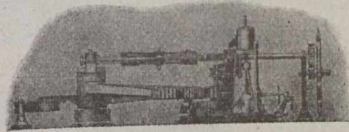
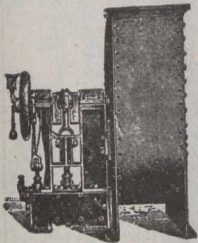
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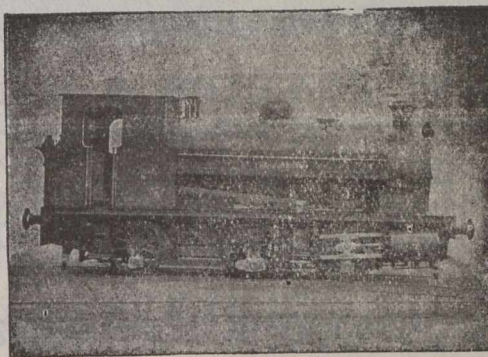
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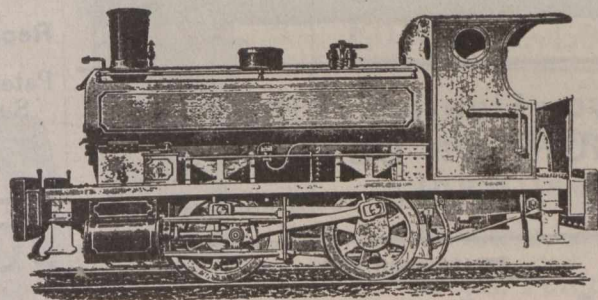
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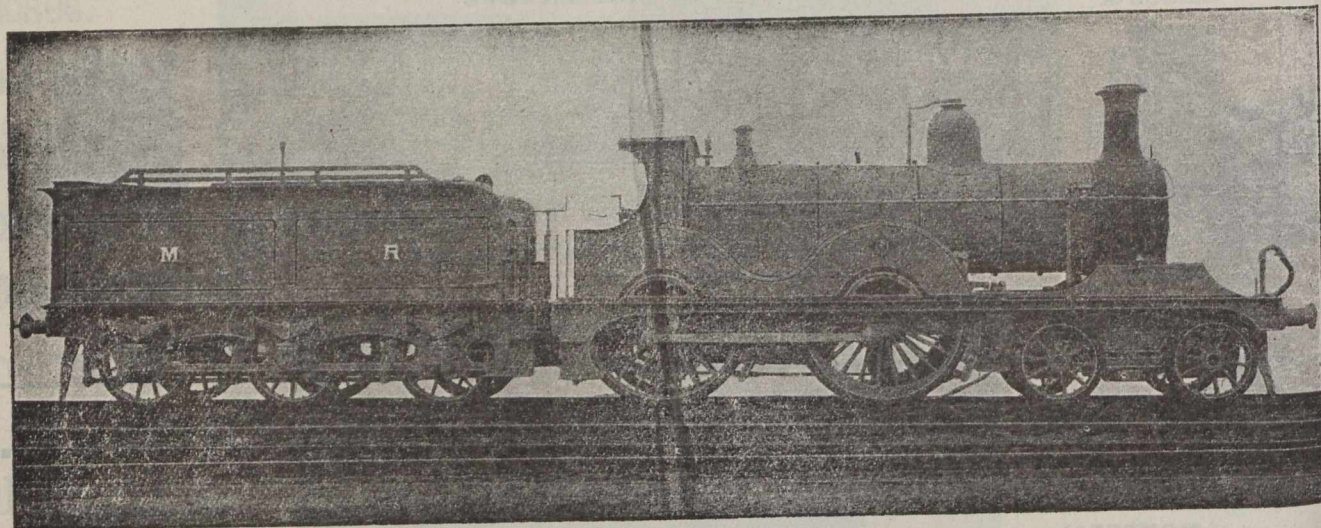
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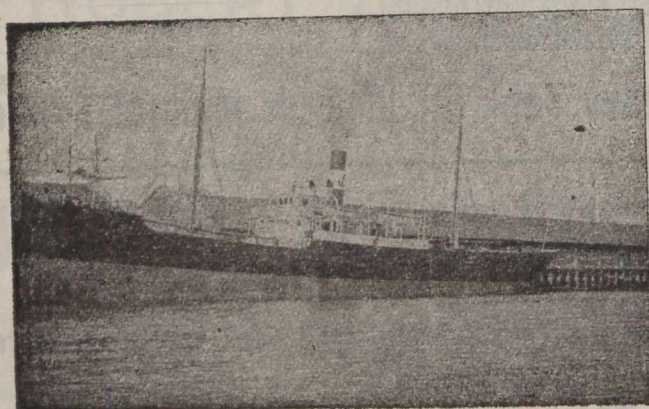
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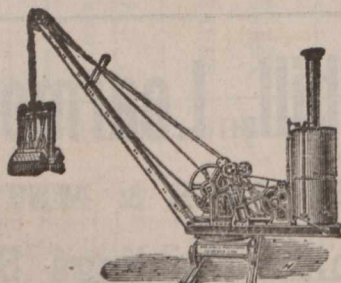
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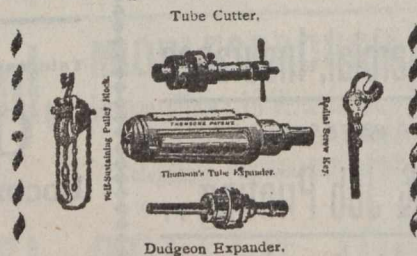
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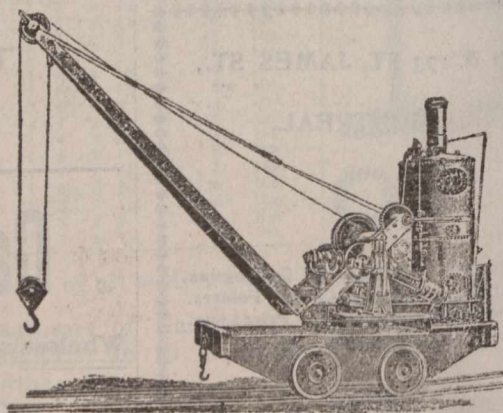


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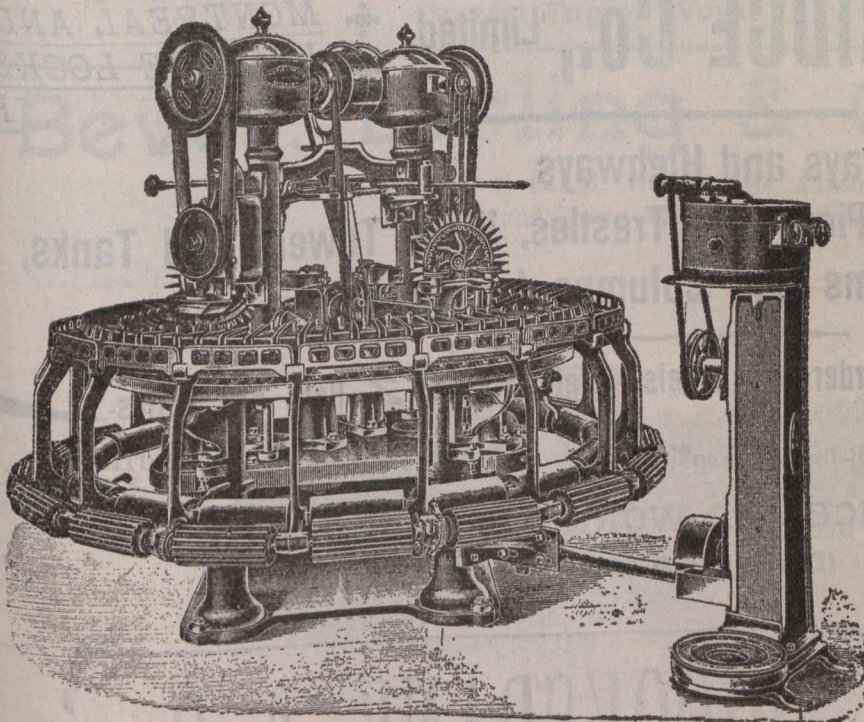
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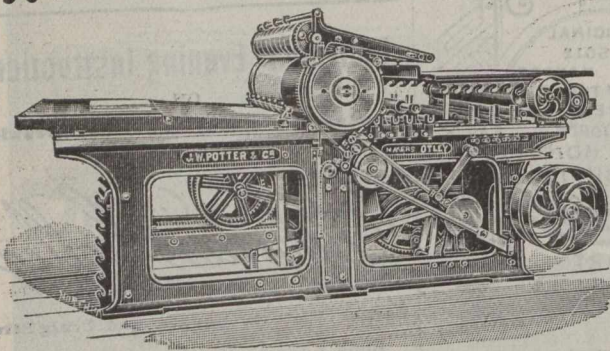
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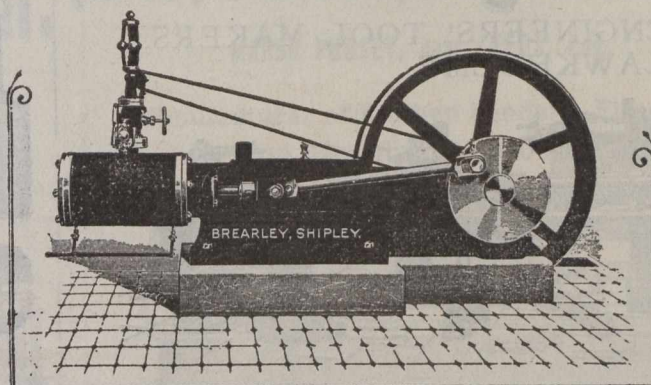
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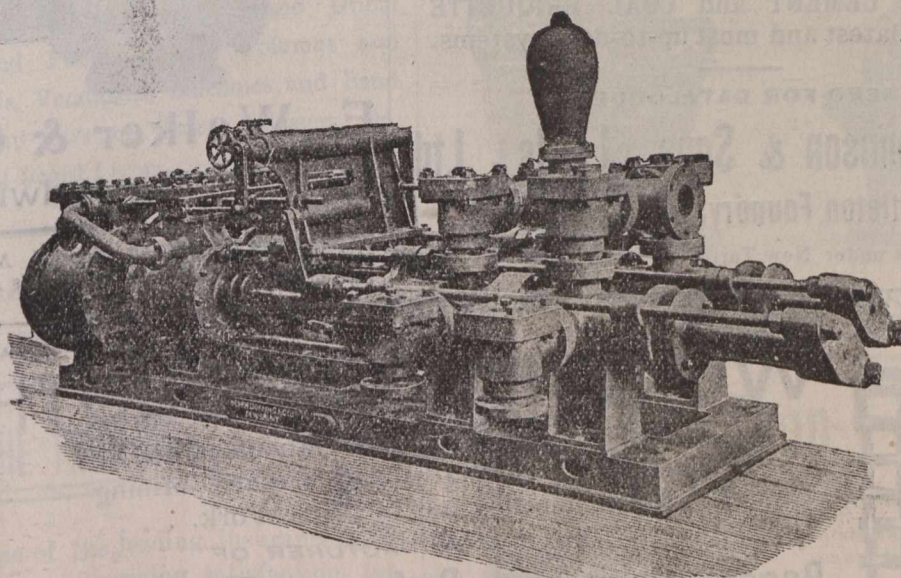
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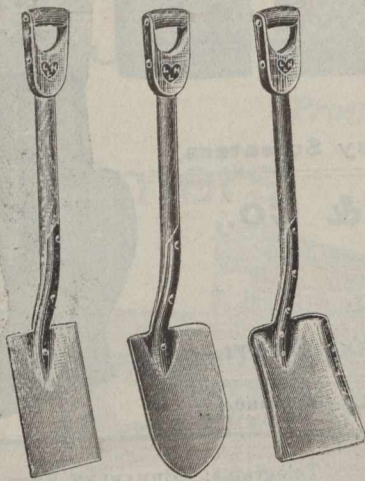
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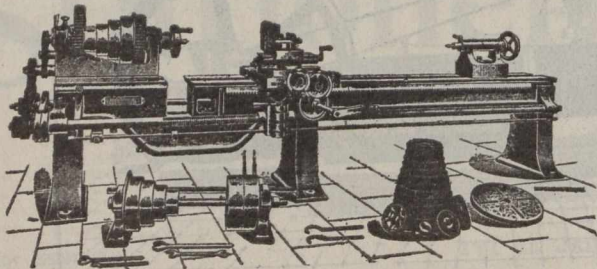
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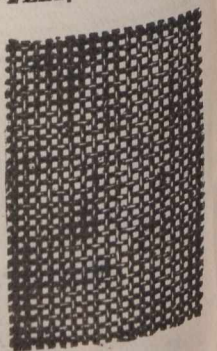
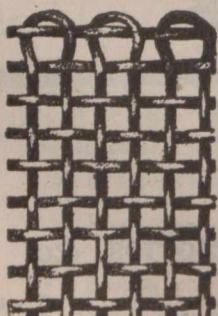
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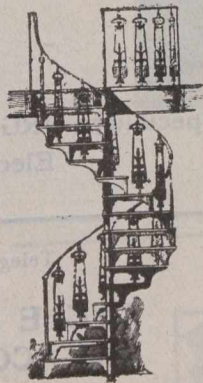
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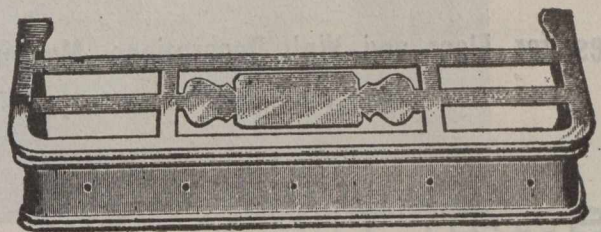
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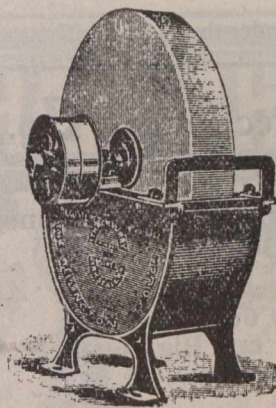
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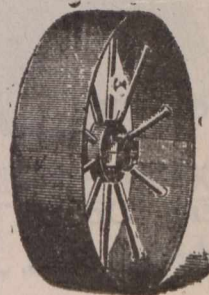


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Grand Trunk of Canada Ord. stock.	10	10½	
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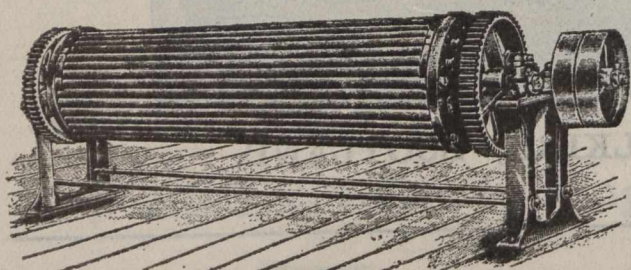
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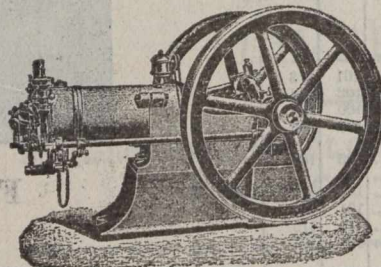
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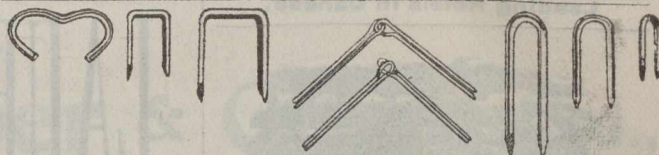
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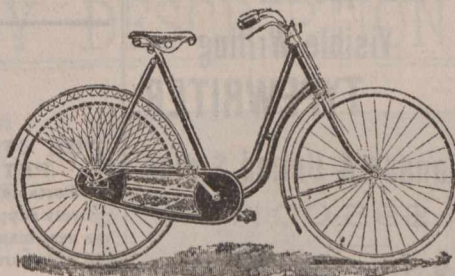
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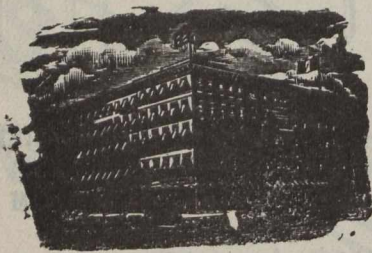
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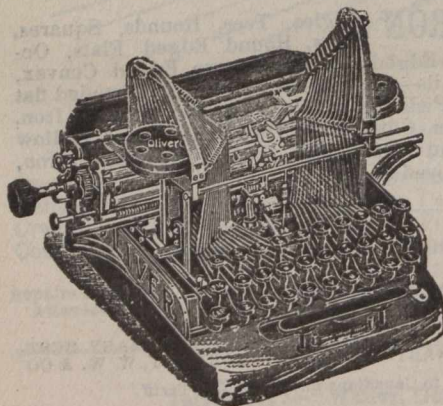
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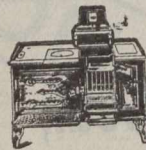
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invites comparison of the quality of its work, with any shop in Canada.

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J. H. FAIRBANK,

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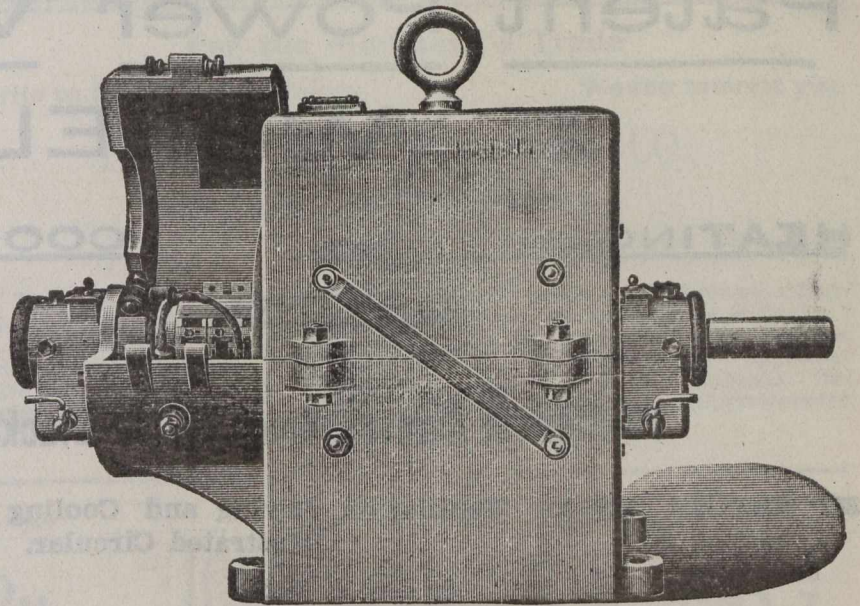
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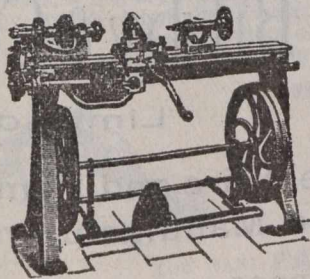
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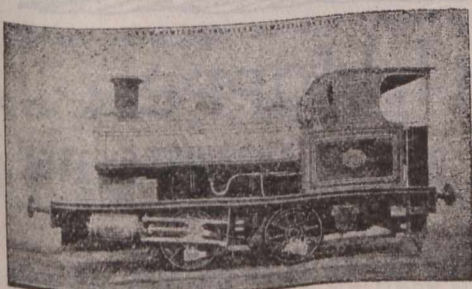
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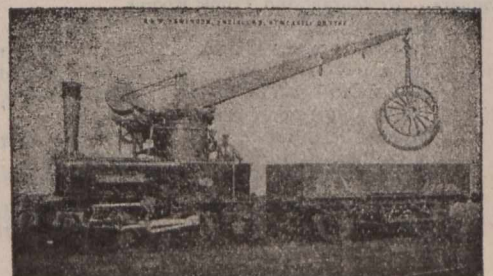


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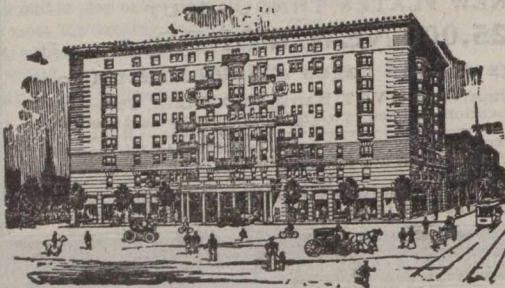
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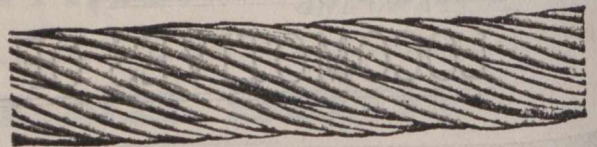
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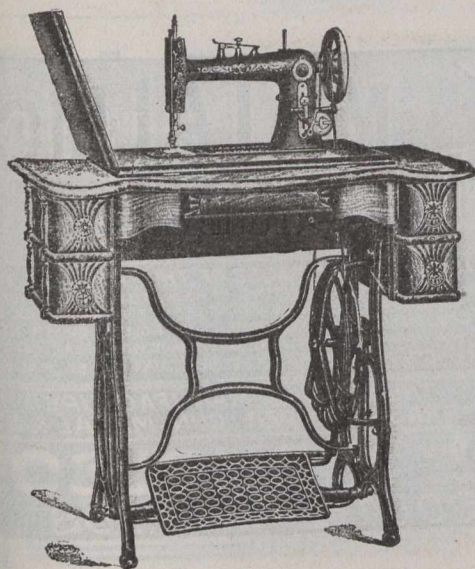
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Will much esteem Canadian Orders and guarantee all and every item of Carriage, two and four-wheeler trimming which we will supply to be the very best. Our Motto is :—Very reasonable prices and genuine material and fastest colours. Leathers, Cloths, &c., not our actual manufactures best makes supplied at bare cost prices, when ordered with our own manufactures.

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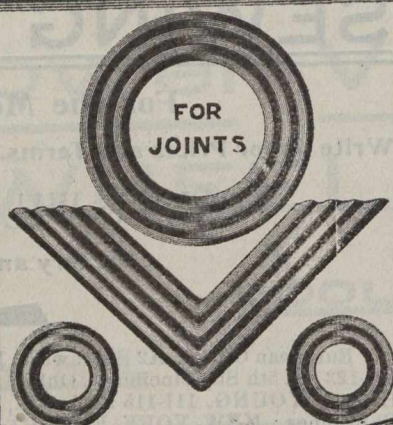
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THE ATTENTION OF ENGINEERS & OTHERS IS SOLICITED TO THE PRINCIPLES OF OUR UNIQUE PACKING, THIS PACKING CONSISTS OF METAL RINGS, OBLONGS, & SQUARES, CUT FROM THIN SHEETS OF BRASS, & CORRUGATED; FOR THE PURPOSE OF BEING PLACED IN JOINTS IN THE JOINING 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 DRAWING UP JOINT, RIDGES OF CORRUGATIONS YIELDING TO IT WILL TAKE IMPRESSIONS OF IRREGULARITIES OF SURFACES OF FLANGES, MAKING IT POSSIBLE FOR HIGH PRESSURE FROM STEAM OR WATER TO ENTER JOINT.

SOLE MAKERS **NEWTON**
TYNE DOCK CORRUGATED PACKING WORKS



METALLIC PACKING.

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SOME ADVANTAGES OF THIS PACKING ARE:
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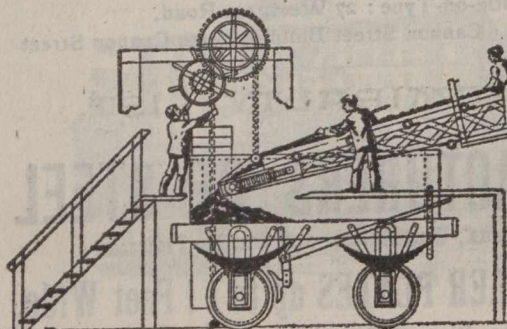
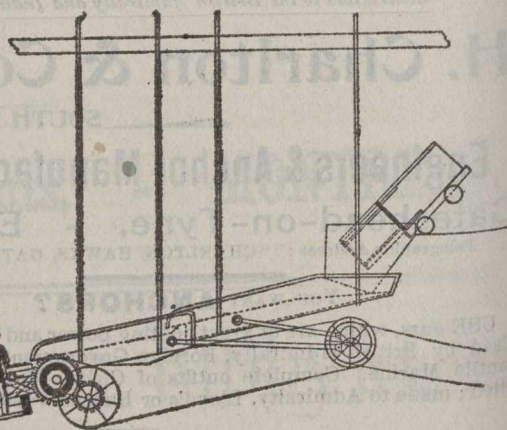
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The Federal Life ASSURANCE COMPANY.

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, Sup't. of Agencies.
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British * America ASSURANCE COMPANY.

HEAD OFFICE, - - - TORONTO,

Incorporated 1833.

FIRE AND MARINE.

Cash Capital. \$1,000,000.00
 Assets, \$1,776,608.45
 Losses Paid since organization. . . \$19,946,517.73
 Geo. A. Cox, President. J. J. BENNY, Vice-Pres. P. H. SIMS, Secretary
 C. R. G. JOHNSON, Res. Agent, 1733 Notre Dame St., MONTREAL.

The Mutual Life INSURANCE COMPANY

OF NEW YORK.

RICHARD A. McCURDY, President.

STATEMENT FOR THE YEAR ENDING DEC'EMBER 31st, 1896

Assets, -	\$184,935,690.80
Reserve on Policies (American Table, 4 p.c.).....	\$168,221,916
Liabilities other than Reserve	1,622,951
Surplus.....	15,089,822
Receipts from all sources	41,953,745
Payments to Policy holders.....	20,885,473
Whole Life Risks assumed and renewed, 219,318 policies	637,726,276
Risks in force : 273,213 policies, amounting to.....	801,867,473

NOTE.—The above statement shows a large increase over the business of 92 in amount at risk, new business assumed, payments to policy-holders, receipts, assets and surplus; and includes as risks assumed only the number and amount of policies actually issued and paid for in the accounts of the year

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FAYETTE BROWN, Manager, 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.

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J. E. E. DICKSON, Manager.

Agents Wanted throughout Canada.

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., 125,000
 (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.....	500,192.29
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,
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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,
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—SELLING AGENTS FOR PROVINCE OF ONTARIO—

The QUEEN CITY OIL COMPANY, Limited,
 Head Office: TORONTO, Ont.

Branches: OTTAWA, HAMILTON, LONDON, KINGSTON, and other Stations
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NEW YORK LIFE

INSURANCE COMPANY.

JOHN A. MCCALL, President.

Gain in Insurance in force 1900
\$140,000,000

AN UNPARALLELED RECORD.

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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, - - \$58,553,900

Funds Invested in Canada, - \$2,110,000

Security, Prompt Payment and Liberality in the adjustment of Losses are the prominent features of this Company.

Canada Board of Directors:

EDMOND J. BARBEAU, Chairman.
WENTWORTH J. BUCHANAN, Deputy Chairman.

A. F. GAULT, SAML. FINLEY, E. S. CLOUSTON.
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 SHUB,
Esq., Vice President; Frank Haight, Esq., Manager;
John Killer, Esq., Inspector.

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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.

Royal-Victoria Life Insurance Company.

CAPITAL, - - \$1,000,000.

HEAD OFFICE:

MONTREAL.

INCREASE IN BUSINESS IN 1900, COMPARED WITH 1899.

Interest	\$ 9,001.79	Increase over 1899	20 per cent.
Premiums	86,416.79	Increase over 1899	42 "
Total Cash Income	95,420.47	Increase over 1899	40 "
Reserves, Government Standard	120,638.21	Increase over 1899	70 "
Insurance in Force	2,116,880.00	Increase over 1899	24 "

DEPOSITED with the Canadian Government for the protection of Policy-holders, \$100,000.

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.

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C. C. FORTER, Secretary.

Montreal Branch, - - 189 ST. JAMES STREET.

ROBT. BICKERDIKE, Manager.

ROUTH & CHARLTON, City Agents.

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INSURANCE COMPANY LIMITED

FIRE.

LONDON.

ESTABLISHED 1808.

SUBSCRIBED CAPITAL, . . . \$6,000,000
PAID-UP CAPITAL, . . . 1,500,000
TOTAL INVESTED FUNDS OVER . . . 8,000,000

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COMPANY'S BUILDING, PLACE D'ARMES, MONTREAL.
G. R. KEARLEY, RESIDENT MANAGER.

NATIONAL ASSURANCE COMPANY OF IRELAND.

ESTABLISHED 1822.

Capital Fully Subscribed, - \$5,000,000.

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Trafalgar Chambers, - 22 St. John Street, Montreal.

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—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 McCRECOR Manager.