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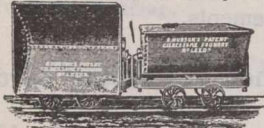
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59—R. H.'s Patent 6-Ton Steel Double Side Tip Wagon to work with ordinary 14 1/2 Wagons



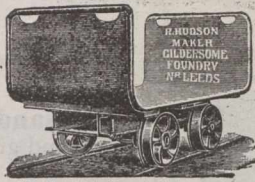
62—R. H.'s Patent Steel Goods Wagon with Side Doors



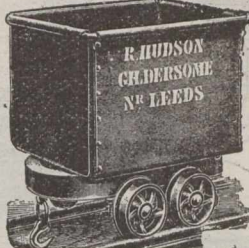
66—R. H.'s Latest Patent V or U-Shaped Double Side Tipped Wagon Occurs less room than any other make



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



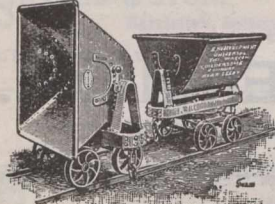
76—Hand Trolley, made to carry any weight or to suit any rail gauge.



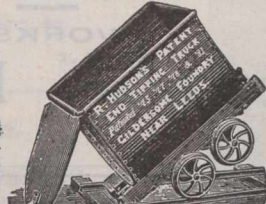
70—R. H.'s Patent Steel Mining Wagon



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



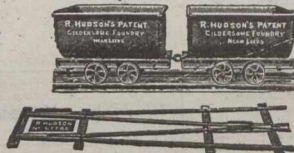
60—R. H.'s Patent Double-Centre Universal Tip Wagon tipping either Endways or Sideways at will



1—R. H.'s Patent Steel End Tip Wagon



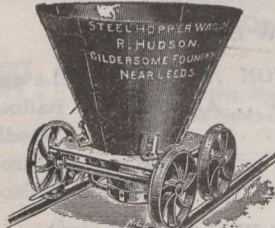
40—Turnout, with Fixed Point



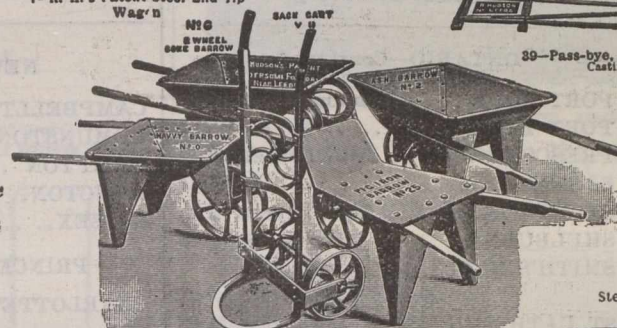
39—Pass-by, with Fixed Points Castings only



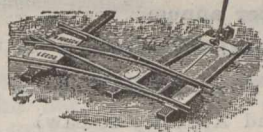
17—R. H.'s Patent Self-contained ball Bearing Turntable, disengaging with Lubrication and Masonry Foundations



27—Hopper Wagon, with Slide Door



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



10—Left-hand Steel Points & Crossing



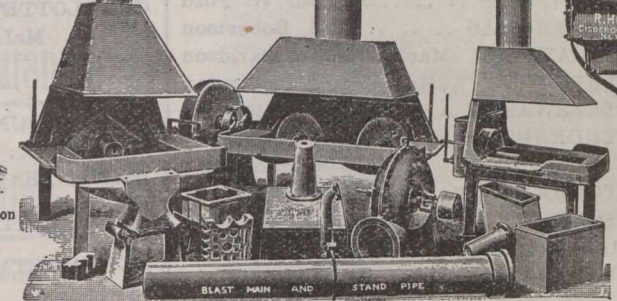
Steamship Barrow. Drawing V 10



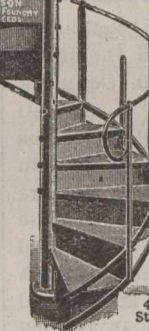
67—R. H.'s Improved Steel Ladder. Strong, very light, and durable



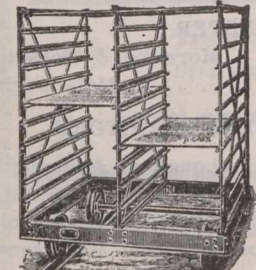
69—R. H.'s Improved Steel Hopper Wagon with Slide Door



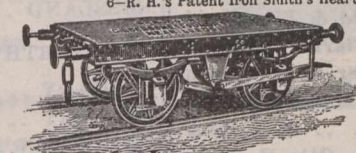
6—R. H.'s Patent Iron Smith's Hearths. No Brickwork required



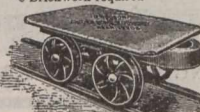
41—R. H.'s Patent Steel Staircases. Extremely light



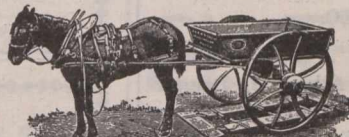
68—Cake Drying Wagon



56—10-Ton Platform Railway Wagon



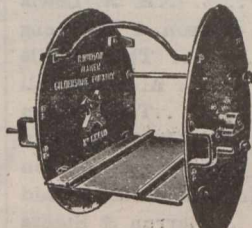
58—Steel Plate Bogie



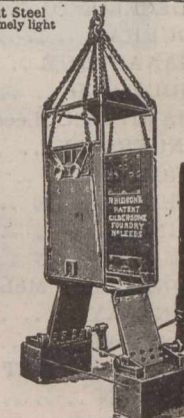
51—R. H.'s Patent Steel Cart, with R. H.'s Patent Steel Wheels and R. H.'s Patent Steel Shafts. Practically indestructible.



22—Two Tons Steel Plate Bogie. Practically indestructible.



78—Tippler for Mining Wagons



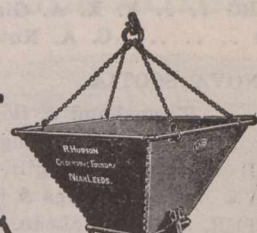
15—R. H.'s Improved Steel Cage, with Safety Grippers and Fallers complete



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



70—Foundry Fetting Box



57—Steel Coal Box with Drop Bottom



Self-lighting Steel Tip Bucket, with Patent Self-acting Catch



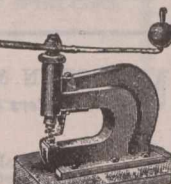
61—Rope Bucket, with R. H.'s Patent Catch for Wire Rope



63—Mining Kibble with or without Valve in Bottom



4—Purcase Coal Wagon



33—Fly Punch



55—Foundry Ladle

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PATENT

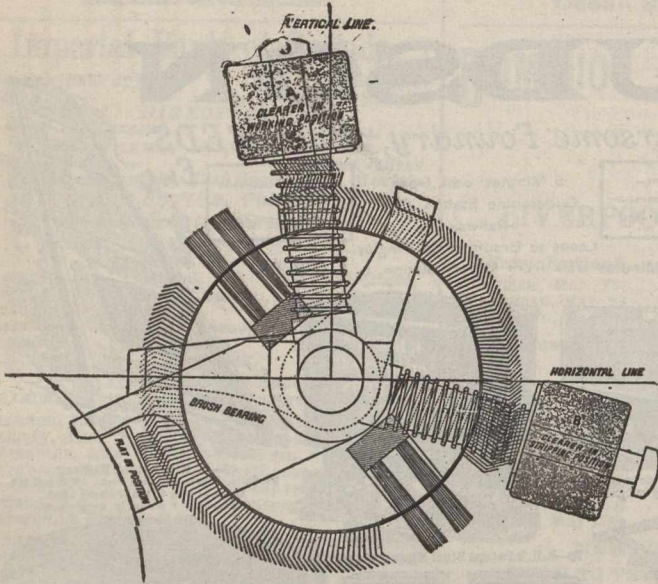
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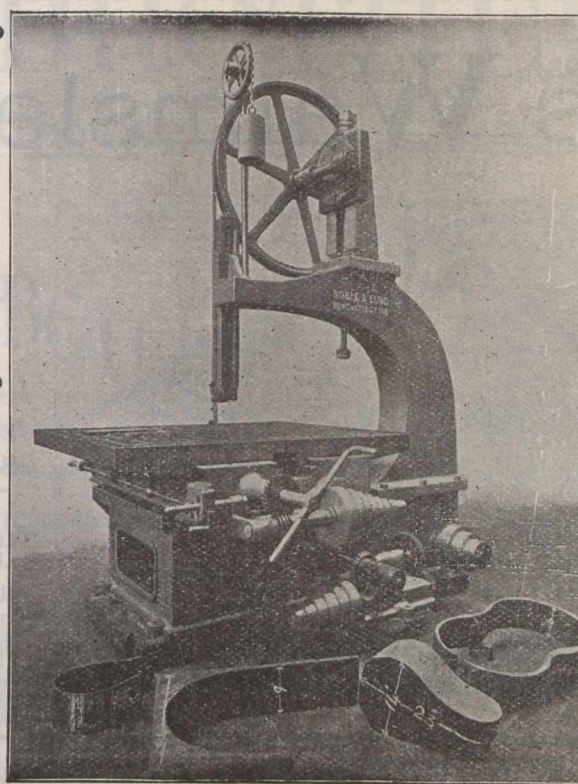
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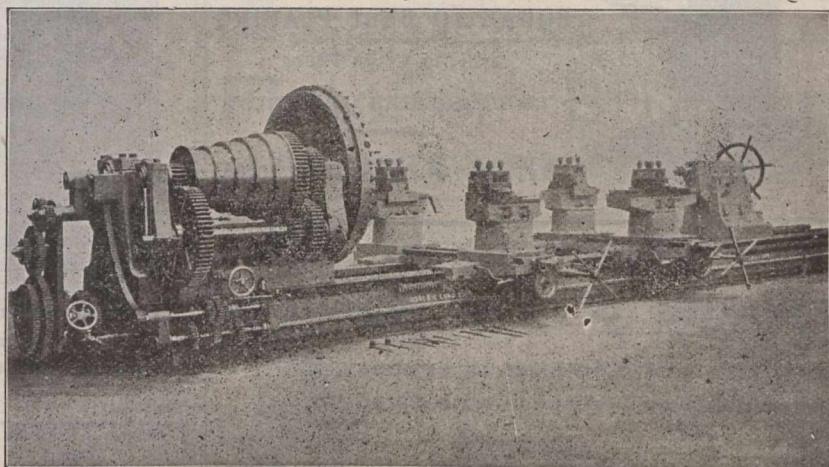
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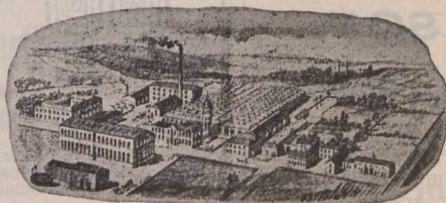


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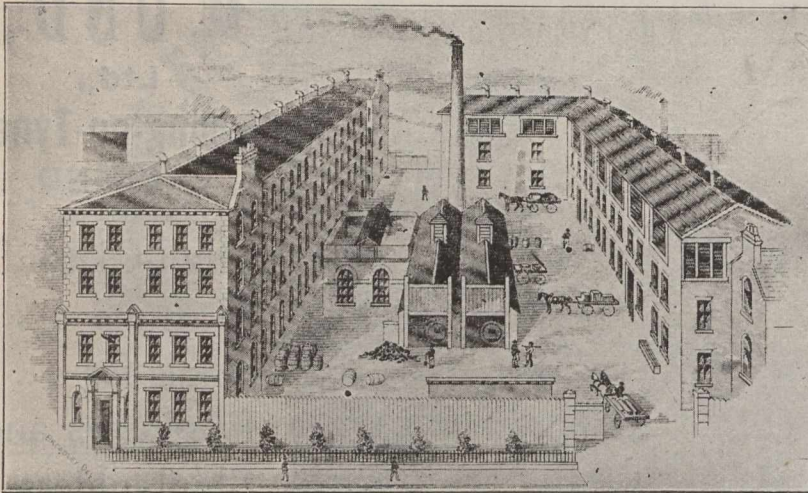
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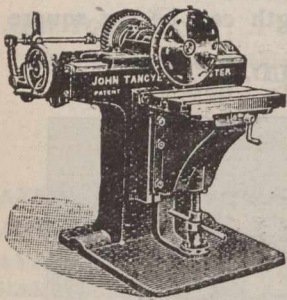
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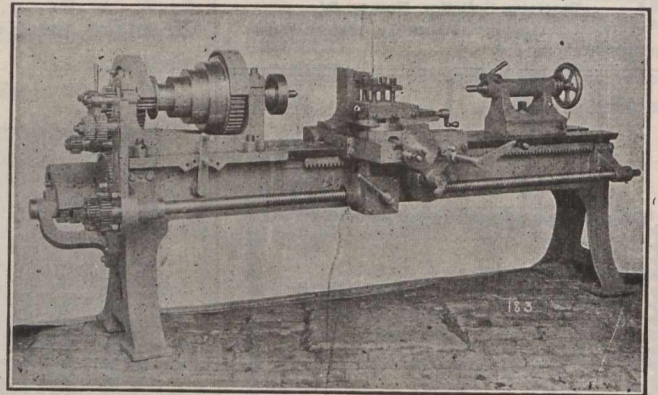
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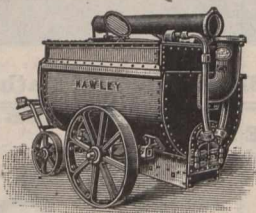


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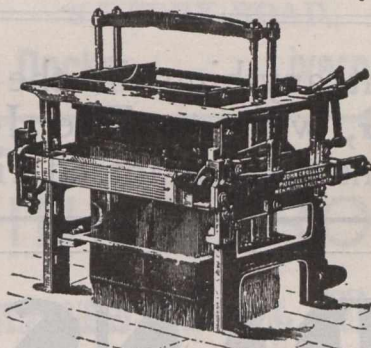
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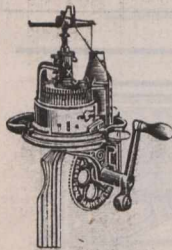
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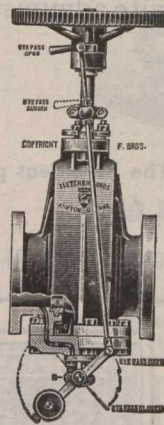
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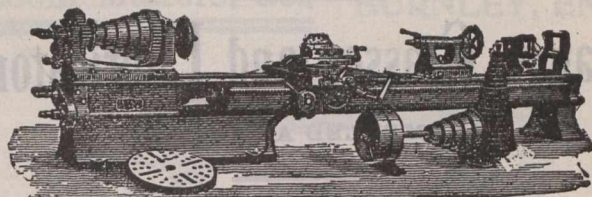
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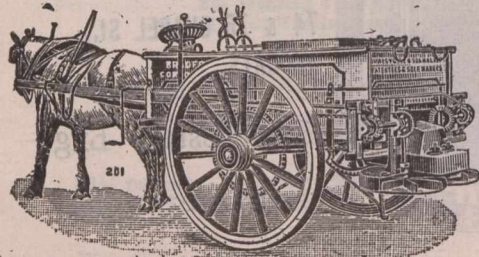
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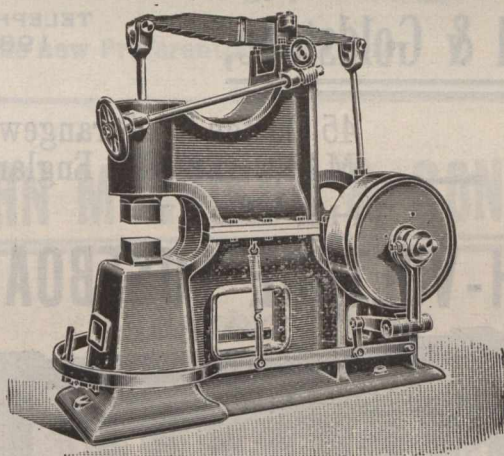
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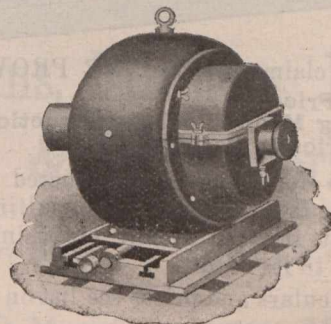
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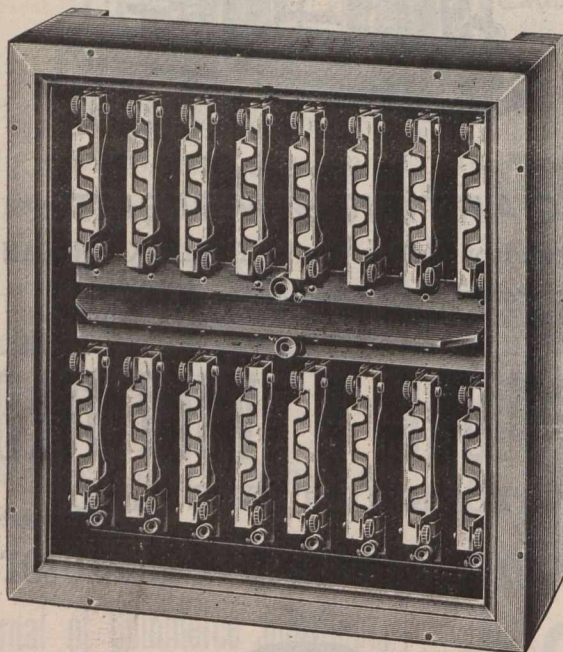
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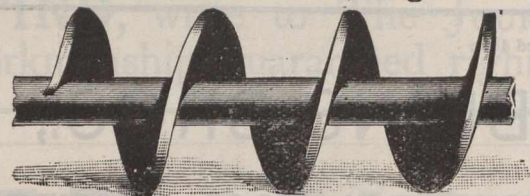
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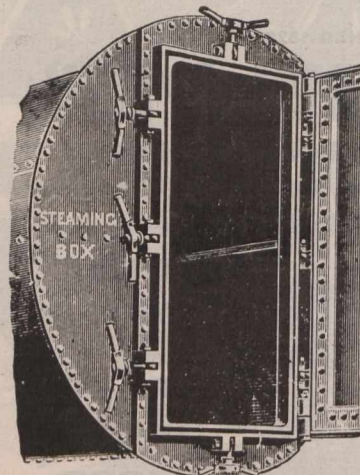
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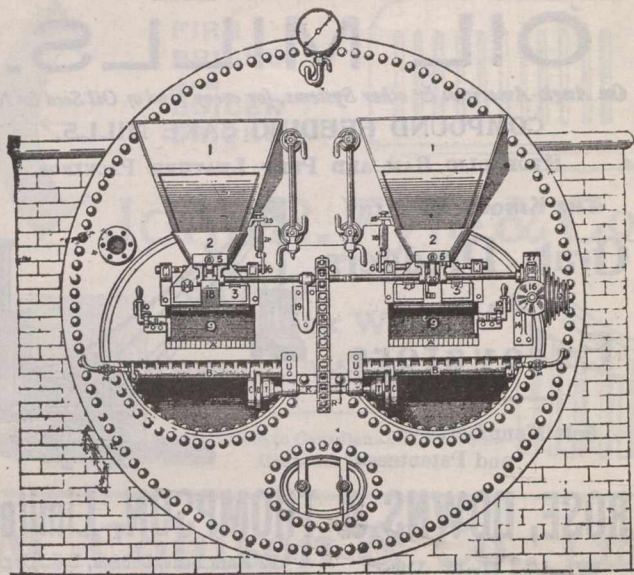
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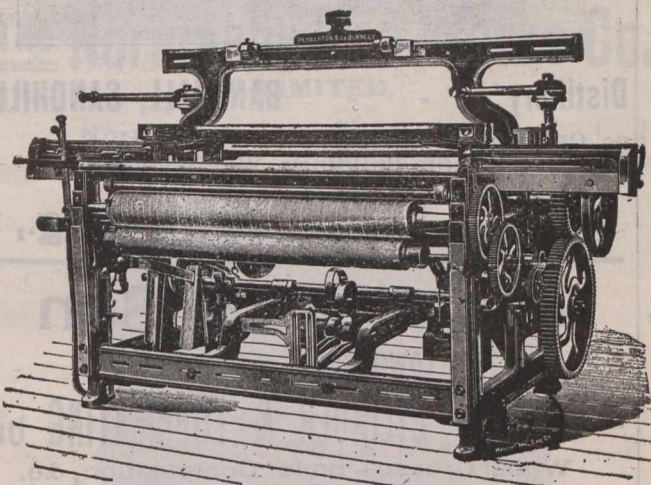
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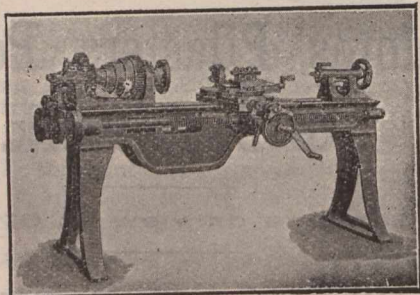
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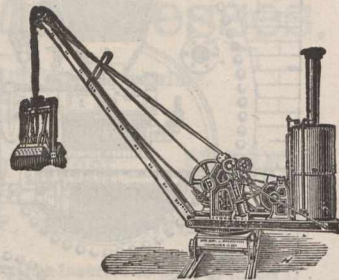
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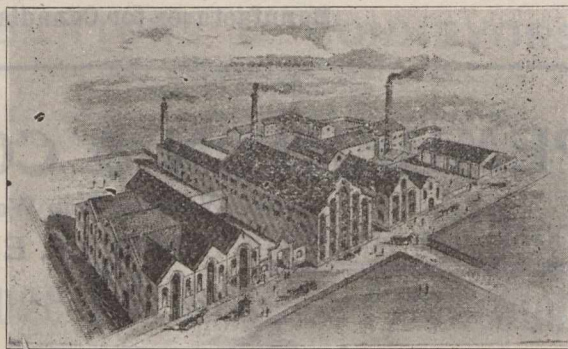
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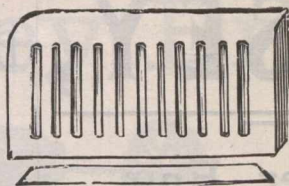
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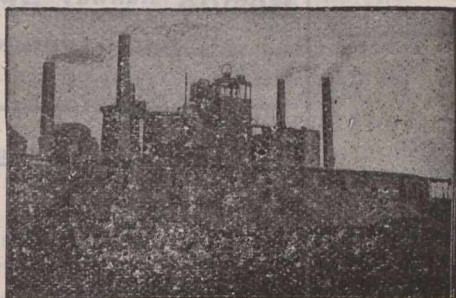
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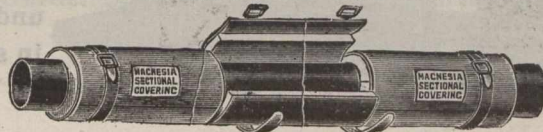
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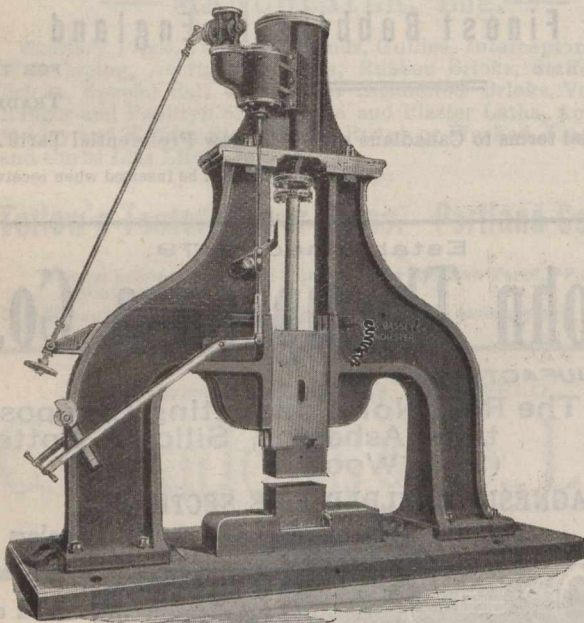
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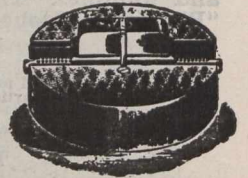
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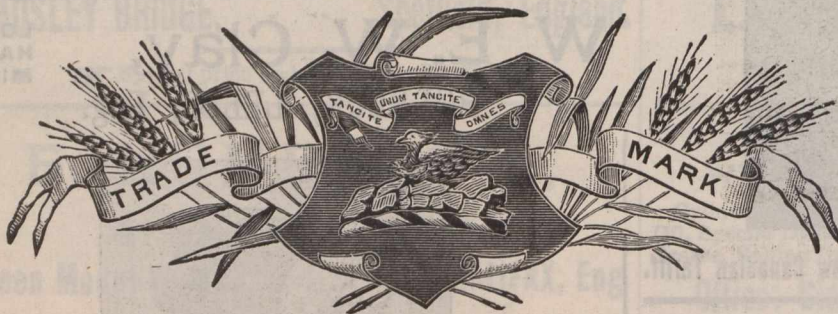
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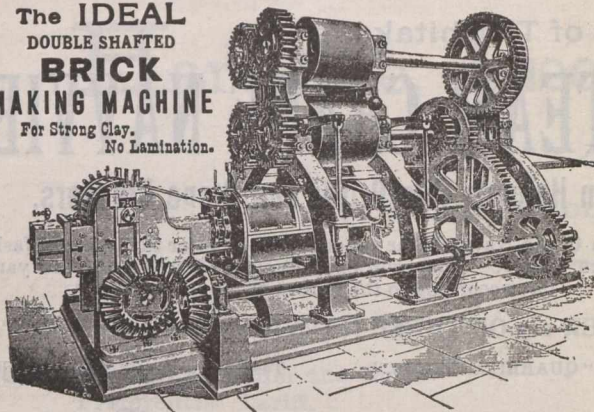
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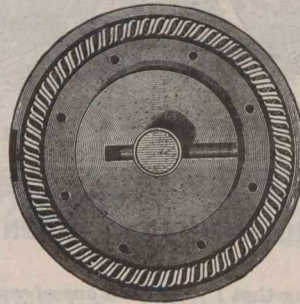
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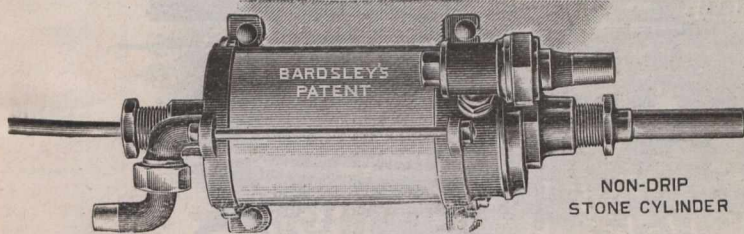
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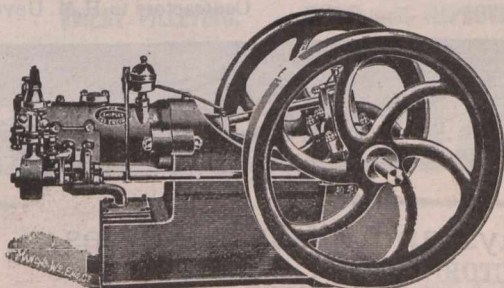
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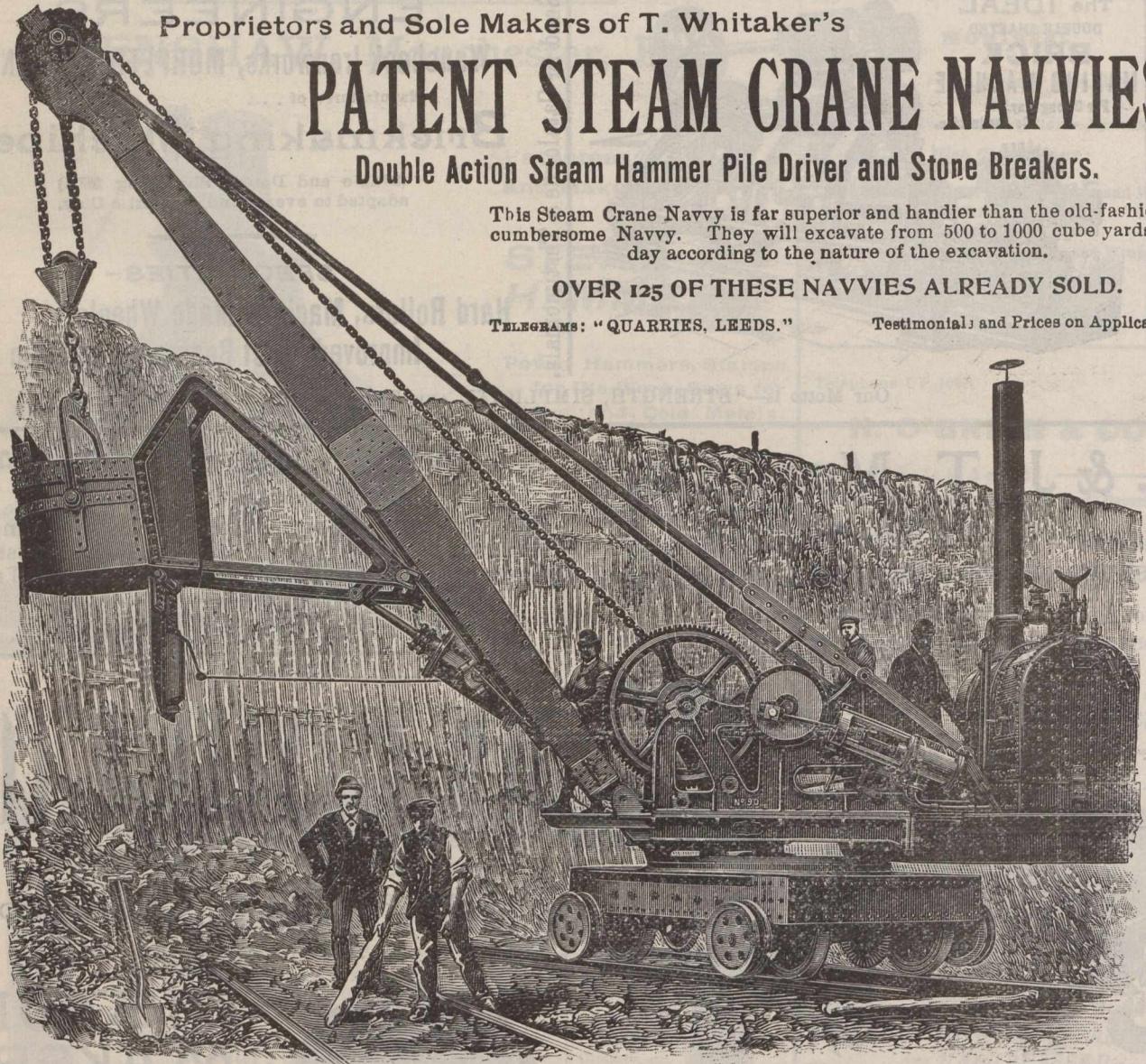
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FELLING ON-TYNE, DECEMBER 20, 1894.

I am, yours faithfully,
DAVID SHANKS.

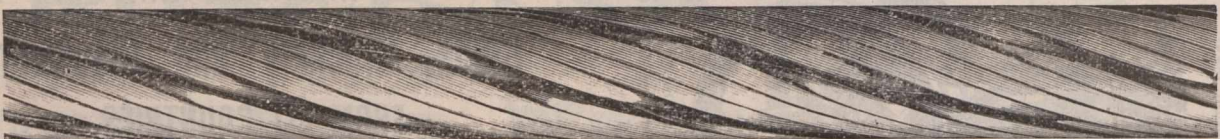
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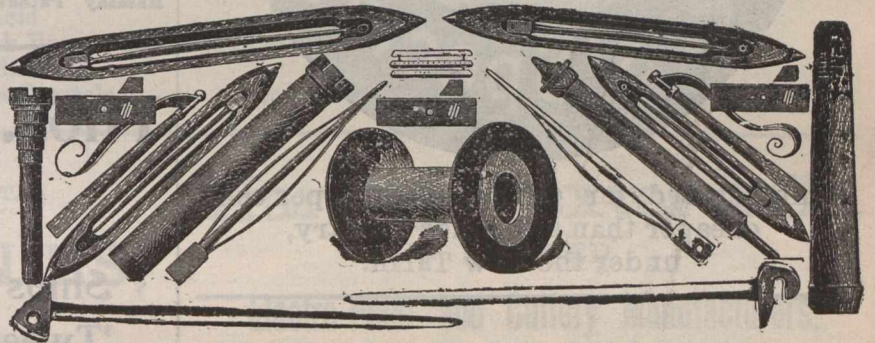
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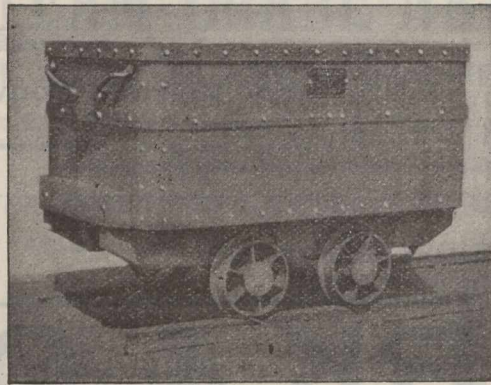
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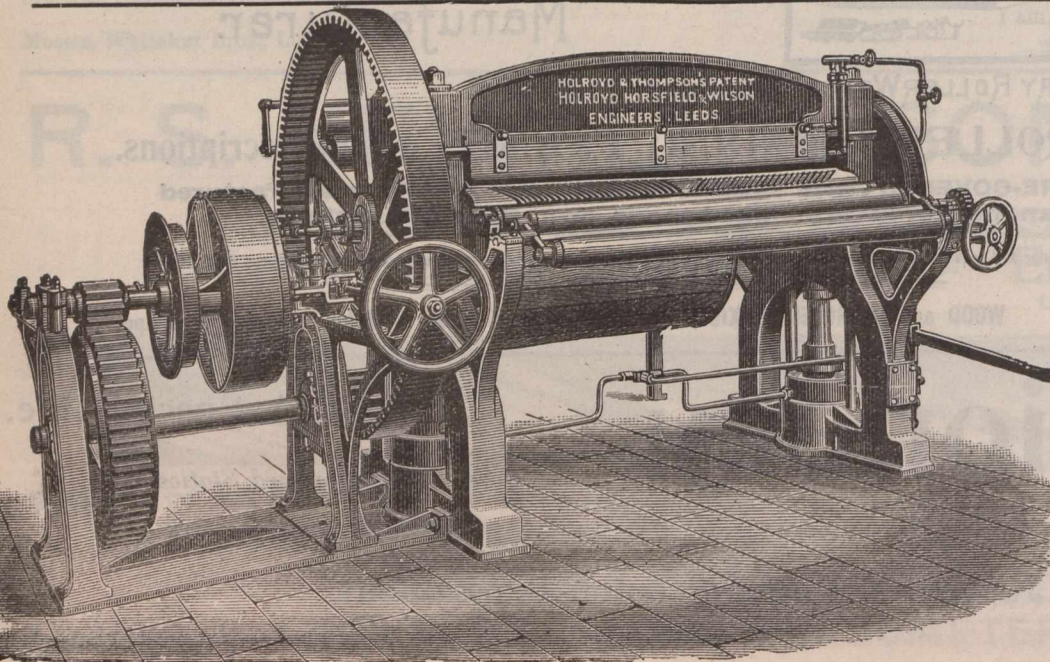
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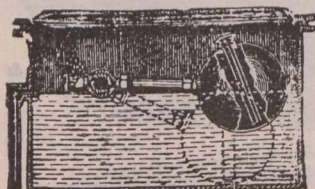
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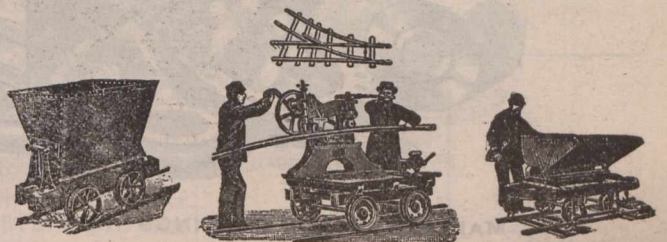
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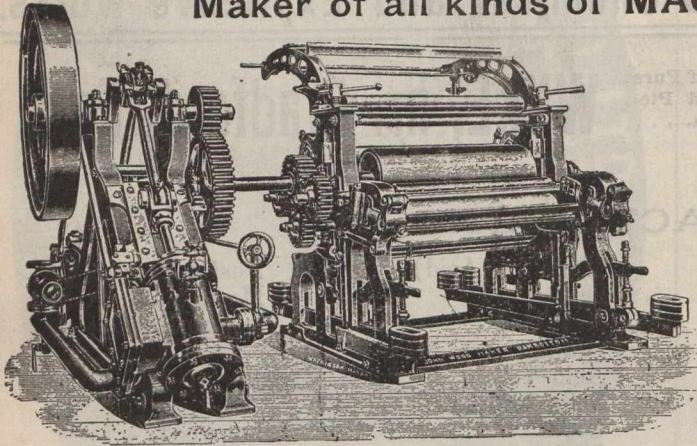
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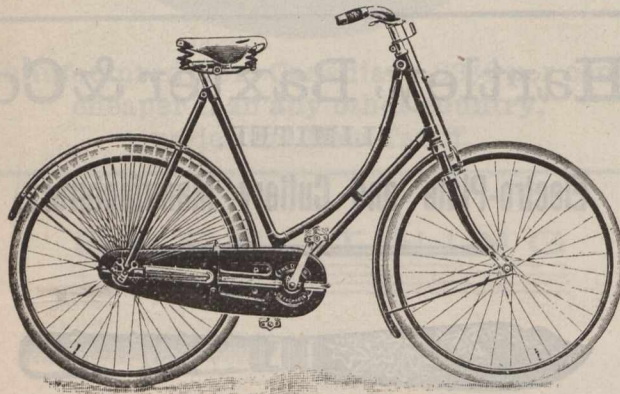
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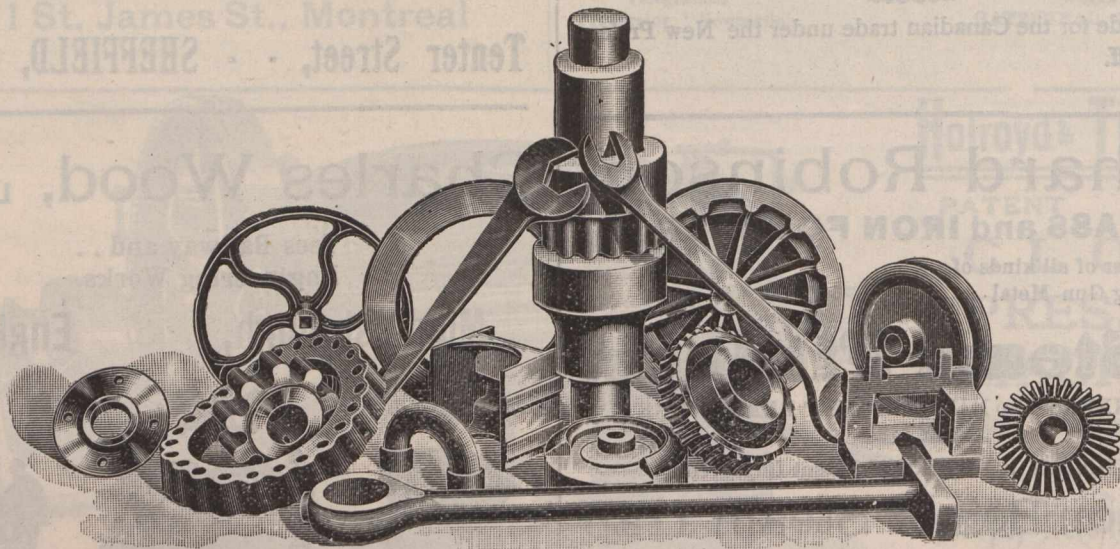
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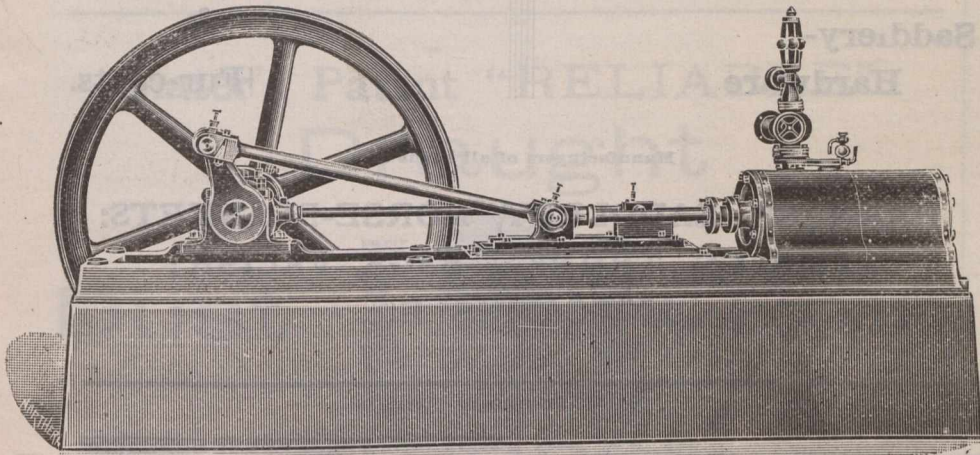
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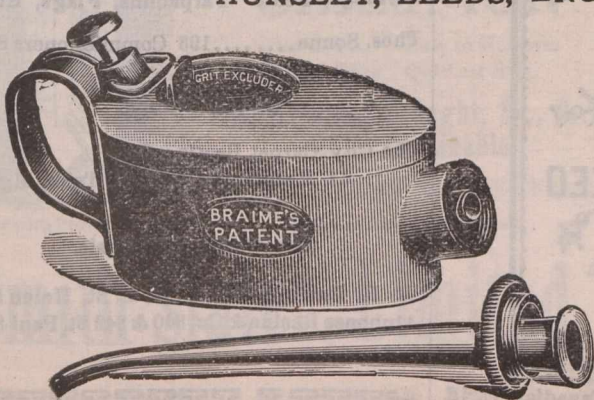
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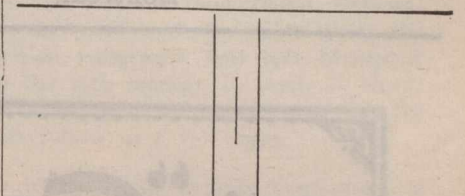
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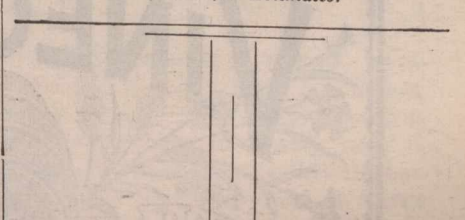
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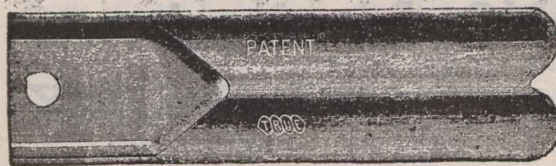
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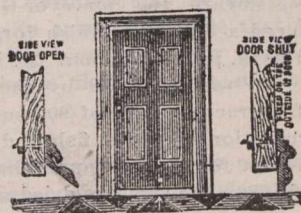


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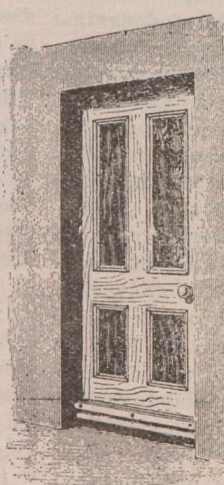
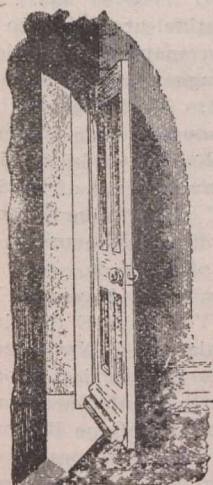
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Special prices to Canadians under the New Tariff.

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 Eastern townships Bank directorate has decided to erect a modern banking building at Coaticook, Que.

The North Sydney, N.S., Board of Trade has adopted a resolution commending the project of bridging the Strait of Canso, and would urge on Parliament its favorable consideration.

St. John, N.B., advices state that plenty of herring and line fish are reported at Grand Manan. It is nearly twenty years since the fishermen at Grand Manan have been favored with a catch of winter herrings.

The Interior Department, Ottawa, has been advised by cable that 700 British emigrants had left Liverpool on the 15th instant, to settle in Manitoba, and the Northwest, and that 800 will follow in a few days.

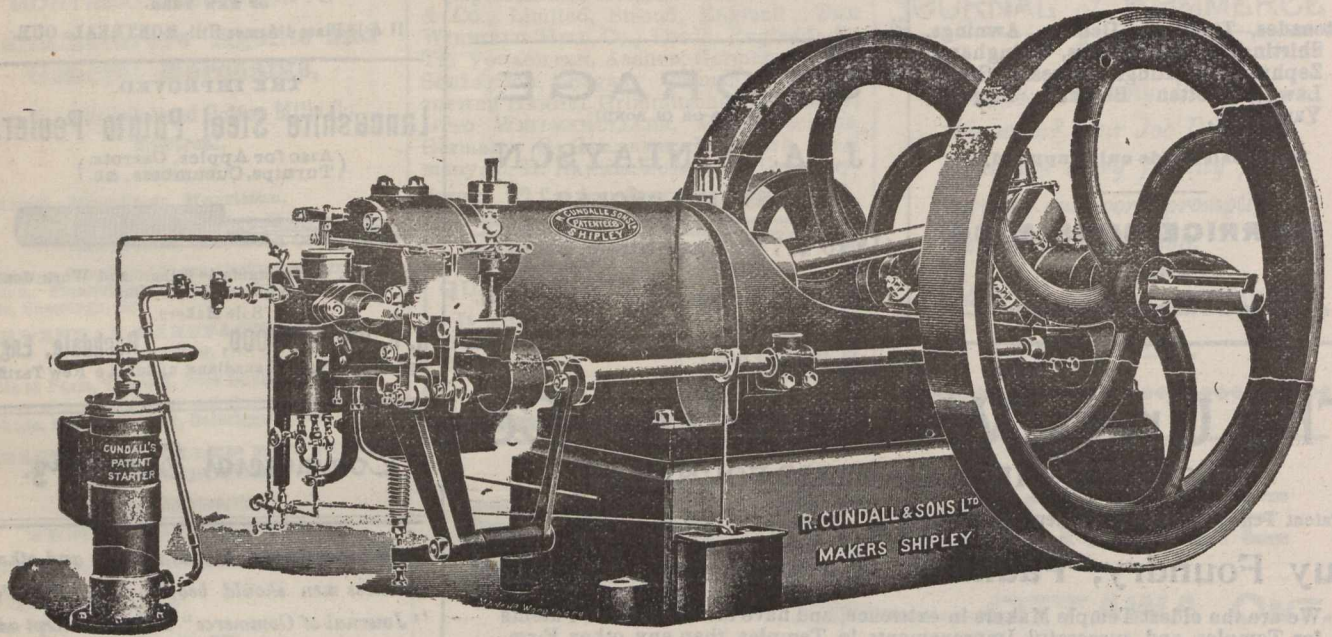
The Madrid Gazette announces a decree establishing an eight-hour day for all working people on the state domains and in the state mines, workshops, etc., and providing that each hour of overtime is to be paid for at the rate of one-eighth of the daily wage.

Messrs. Swan and Hunter, ship-builders, of England, have, it is stated, offered half a million dollars towards the establishment of a ship yard in Halifax providing the city pays the balance. The spot selected is Tuft's Cove, on the eastern side of the harbour. The yard will be capable of turning out vessels 700 feet long. A special meeting of the council has been called to consider the offer.

Contractors to H. M. Government.

Telegrams: "CUNDALL, SHIPLEY."

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SHIPLEY,
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—Reports received by the Crown Lands Department indicate a general early break-up of the lumber camps in northern Ontario, and that the lumbermen are having difficulty in getting their logs to the rivers.

—Owing to high prices of steel in the United States and England the Canadian Pacific Railway has found it advantageous to purchase 20,000 tons of steel rails in Germany. The Germans at present, it is stated, can undersell the Billion Dollar Steel Trust and the English mills. Mr. P. Peterson, consulting engineer of the Canadian Pacific Railway, will go to Germany to look after the order.

—We learn from New York that the Prince Line will inaugurate a service from that port to the various South and East African ports—Capetown, Port Elizabeth, Delagoa Bay, East London, &c.—commencing June 15 and at such periods thereafter as the freight offering will permit. The line, it is stated, will be an independent one and against the present system of rebates in the South African trade.

—The total inland revenue for February was \$912,873, as against \$795,152 for the same month of the previous year. The chief items in the excise revenue were: Spirits, \$478,954; malt, \$81,900; tobacco, \$274,692; cigars, \$61,137. The Minister of Agriculture has been informed that the Imperial Institute in London has been transferred from the control of the Imperial Commission to the Board of Trade.

—A petition signed by Sir Charles Augustus Frederick Lockhart Ross, Bart., Donald Mann, and Frederic Nichols of Toronto, was presented recently asking to be incorporated under the name of the Ross Rifle Company, Ltd. The proposed capital stock is \$1,000,000. Sir Charles Ross is the inventor of the Ross rifle, a weapon with improved sighting and loading mechanism, and it is possible that the Government may order a number of the new rifles.

—Calcutta advices state that the final revised census returns show that the population of India is 294,266,701, or 95,975 more than the first totals, published last March. The

error is thus remarkably low compared with the census returns of 1891, which showed a difference of nearly 1,500,000 between the original and the final totals. The publication of the revised figures exactly twelve months after the first enumeration is a remarkable piece of work by Mr. H. H. Risley, C.I.E., the Census Commissioner, and the officers engaged with him.

—Fredericton, N.B., advices state that in the provincial Legislature, the Surveyor-General, Hon. A. T. Dunn, introduced a bill to establish forest reservation and a provincial park, probably about the headwaters of the Tobique river. It was proposed by the Government, he said, to set off a tract of land of 900 square miles. The object is the protection of game, fish and also for the preservation of streams, for it was found that where the forests were cleared away the streams dried up in summer.

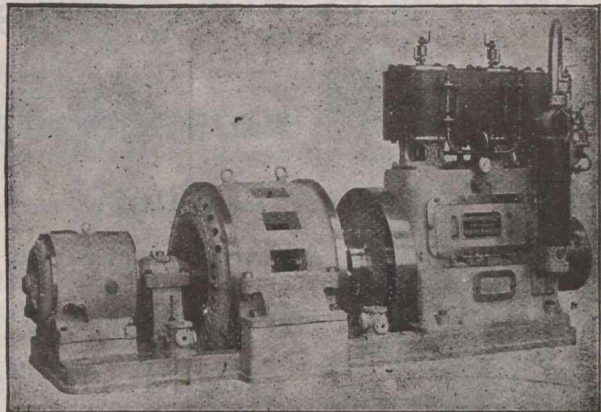
—The American Iron & Steel Association, according to a Philadelphia letter, has collected the complete statistics of the production of Bessemer steel ingots and Bessemer steel rails in the United States in 1901. The ingot statistics include the production of a few thousand tons of Bessemer steel castings. The total production of ingots in 1901 amounted to 8,713,302 gross tons, an increase of 2,628,532 tons, or over 30 per cent. over 1900. The production of 1901 was by far the largest in the history of the country.

—From Halifax we learn that Messrs. A. L. Meyer, T. L. McKenna, and R. J. Campbell, of New York, and E. Guerin, of Montreal, are applying to the Legislature of Nova Scotia for a charter incorporating the North American Coal and Development Company. These men have attained control of large coal areas at River Inhabitants, Cape Breton. The capital is \$1,000,000. The incorporators are practically the same people who are associated with Dr. Seward Webb in building the Cape Breton Railway from Louisburg to the Strait of Canso.

—Application has been made for the incorporation of the New Ontario Dock & Coal Company. The applicants are

Telegrams: "MAGNETO," Bradford.

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Bradford,
Yorkshire, England.

Messrs. Wm. Southam, B. O. and A. B. MacKay, Hamilton; R. H. Knight, J. C. Boyd, and W. B. Rosevear, of Sault Ste. Marie. The objects of the new company are to acquire at the "Soo" the necessary lands for docks, control and operate docks, warehouses, general dockage, storage, cartage, forwarding and warehouse business, with the head office at Sault Ste. Marie. The capital stock is placed at \$100,000, 1,000 shares of \$100 each.

—American locomotives are declared by Swiss railway managers to have been a failure, "spending half their time in the repair yards and falling to pieces after a few years." A committee representing the Swiss railway administration will, it is stated, shortly visit the United States for the purpose of overseeing the building of ten locomotives designed for use in the mountainous country. If the committee succeeds in persuading the large U. S. shops to turn out a product specially designed for Swiss roads it is possible that a great business may be built up. The impression is beginning to arise in Europe that the American shops are "throwing together" their machines with the same unscientific haste that prevails on the Continent.

—Among the most extensive works to be undertaken by the Grand Trunk this season will be the elevation of the track between Beaverton and Zameleridge, Ont., for the purpose of giving passage to the Trent canal. This work will involve the moving of about 250,000 yards of earth to provide the embankments. Included in the other improvements will be erection of a large coaling plant at Orillia to replace the one at Waubashene, to supply coal for the line between Belleville and Midland. This extension has been made for the handling of the increased traffic there and also for the Toronto and North Bay line. The yards at Allandale will be overhauled and extended to facilitate increasing traffic. All the improvements mentioned will commence as soon the weather permits.

—We learn from Toronto that at the instance of the Quebec Bank a warrant was issued recently for the arrest of Mr. Harry P. Davies, vice-president of the American Tire Company, whose affairs are in the hands of an assignee. He is charged in the warrant with obtaining under false pretences the sum of \$200, the false pretences, it is understood, consisting of alleged misrepresentations of financial conditions under which the concern was laboring. The affairs of the American Tire Company show liabilities of \$110,000. In connection with the liquidation proceedings, a writ was issued by the Molsons Bank against C. M. Sparks, of Ottawa, president of the company, for \$11,000 and \$20,000, being the amounts of two promissory notes.

Another writ is standing against Messrs. Sparks and Davies jointly for \$14,000.

—Western Americans are helping the Dominion Government to people Canada by means of land companies, according to Mr. W. J. White, Inspector of Immigration Agencies. Within the past year many land companies have been organized in Minnesota, Iowa, Indiana, Illinois, Nebraska, and other States. These companies buy up tracts of land in the Canadian northwest, and then sell farms to young western Americans who are looking for good properties. The companies spend large sums in advertising the lands, and some of them advance money to the new settlers. Mr. White expects to see twenty-five thousand new settlers go into the Canadian north-west during this year, and the land companies will help to swell this number by many thousands. Settlers are also moving to western Canada from Maine, Pennsylvania, Ohio, and other eastern States.

—According to recent advices from Winnipeg, C.P.R. land has again advanced \$1 an acre in certain parts of Eastern Assiniboia and Western Manitoba. This brings the price of these tracts up to \$5 an acre. Mr. F. T. Griffin, the C.P.R. land commissioner, said that the company's policy has always been to discourage speculation, and encourage genuine settlement. The big crop of last year and the rapid movement of settlers to this country had attracted a large number of speculators, who are buying land in large parcels and holding them for a rise. It was this tendency the company desired to suppress. Naturally enough these speculators were picking out the best bits of land and seldom or never paying cash for them. This was a hardship on the coming settlers, and detrimental to the best interests of the country, especially at the present time. During the first two months of the year the company had sold 188,000 acres for \$604,000, which was more than three times the sales of the corresponding month last year, and did not include any sales of big tracts.

—The action of some of the shareholders of the Imperial-Alliance Insurance Company to disturb the agreement made for the benefit of the shareholders of the Alliance Assurance Company, Imperial Insurance Company (fire), and the Imperial Life Insurance Company, says a recent London cable, is not considered of very much importance by London underwriters. The shareholders who will be most influential have agreed to the amalgamation, which has only to be confirmed by the courts, and the attitude of the handful of disgruntled individuals is not likely to alter the situation. There were only a very few dissentients in the Imperial-Alliance transaction out of all the shareholders who originally belonged to the three offices. The chairman

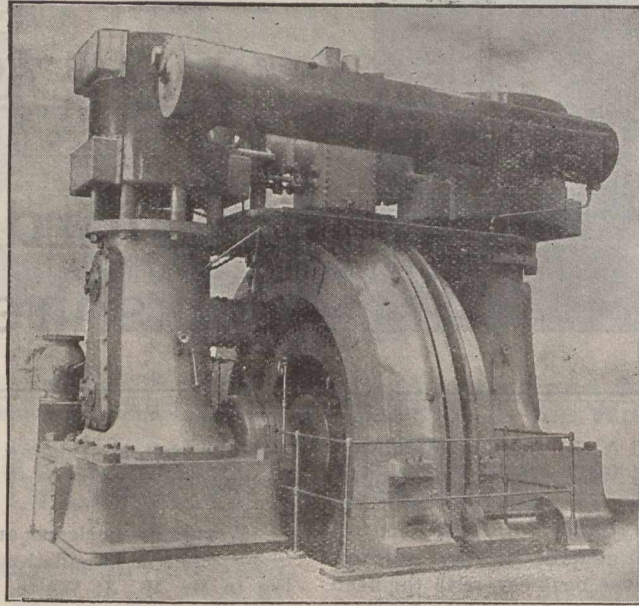
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HOLLINWOOD, LANCASHIRE, = Eng.

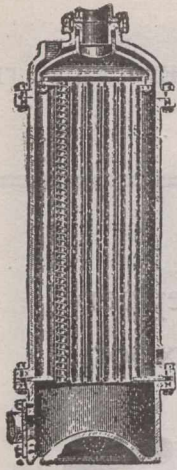
of the Alliance, Lord Rothschild, is a very able financier, and is not likely to permit his plans to be interfered with by any trifling minority. It is known that he had Secretary Robert Lewis make a full report to him recently as to the opposition and that he intends to push through the amalgamation scheme as originally adopted at the meetings of the three offices.

—Under recent date Weiting & Richter, agents of Compagnie Generale Transatlantique in Demerara, write in their market report that great activity prevails in the diamond fields and foreign capital is gradually finding its way into the Colony. Some of the larger syndicates intend soon to erect machinery which should increase the returns. The output in all 1901 was about 5,000 carats, valued at \$60,000, as against 2,000 carats, valued at \$29,980, for the two months of 1902. The Mazaruni River district is the chief seat for this industry; some specimens from Potaro are of a larger size, but of inferior quality to the Mazaruni stones, the smallness of which is a considerable recommendation, as demand is largely confined to the smaller stones. Some of the newly started companies have been turning out diamonds at the rate of 1,000 per week, and one is reported to have 10,000 stones on hand—the work of four weeks. The great drawback against the development at present is the difficulty of reaching the fields (250 miles from town), which takes a fortnight, numerous rapids, falls and portages having to be passed.

—The advance of electricity as an illuminating agent is entirely a question of cost, and the cost varies very greatly in different towns. It is given out that in Bradford, Yorkshire, Eng., the people are supplied with current at slightly less than a penny farthing per Board of Trade unit, which is equivalent to gas at about seven pence half penny per thousand feet. Other cities and towns, includ-

ing Liverpool, Halifax, Leeds, Bolton and Edinburgh, serve their customers at slightly higher rates, but when we get to the south country we find rates at present ruling which are often prohibitive. In a recent address at the Society of Arts, London, Sir William Preece told his audience that the development of the electric light had been phenomenal, and it was possible to contemplate the generation of electricity at one farthing per unit. Before that happy time comes we may be quite sure that the electric current will be used largely for domestic purposes. Heating and cooking by electricity will become common and various labor-saving devices worked by the obedient current will be found in every household.

—From Halifax we learn that a bill ratifying the contract made by the Nova Scotia Government with Mackenzie & Mann for the construction of a line of railway from Halifax to Yarmouth, on the south shore of the province, was before the Legislature, and its second reading was moved by Attorney-General Longley. Mr. Longley stated that Mackenzie & Mann's offer for the work was the best of any received by the province. Under the contract the Government agrees to loan to the company at 3½ per cent. the sum of \$13,500 per mile. Besides this there is the Federal subsidy of \$3,200 per mile. The Government takes a first mortgage on the road to secure its loan. On the surveys made it is estimated that the road will cost \$18,000 per mile, but the Attorney-General held that there was no doubt the cost of construction would exceed \$20,000 per mile. The length is over one hundred miles. Mr. Longley said, in support of his bill, that the C.P.R. contract framed by the Conservatives had been opposed by Edward Blake, but, nevertheless, it had turned out to be a good thing for Canada. He held that, notwithstanding any criticisms of this measure, it would likewise turn out to be in the interests of the province.



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,**
KEIGHLEY, England.

Telegrams: "BARRETT," Crosshills.
Engineering Telegraph Code.

—A deputation representing the wholesale grocer interests of Ontario and Quebec waited upon the Premier and Minister of Finance recently, and urged an increase in the tariff on refined sugars and the imposition of countervailing duties equal to the amount of drawback given to the manufacturers of foreign sugars in the country of production. The deputation consisted of Messrs. John Sloan, Thomas Kinnear, James Ince, F. W. Humphrey, Hugh Blain, Toronto; H. C. Becket, S. Balfour, and A. G. Osborne, Hamilton; Col. Smith and C. H. Elliott, London; A. G. Oliver, Brantford; D. L. Lockerby, L. E. Geoffrion, and E. H. Carter, Montreal. The complaint was made that owing to the drawback to the manufacturers in the United States they are able to retain their own market and with their surplus output make a slaughter market of Canada. In other words, New York is rapidly becoming the distributing centre for Ontario and Quebec. The manufacturers on the other side of the line receive a drawback of about \$2.01 per 100 pounds, whereas the duty on imported sugar is \$1.76. This means a difference of 25 cents per

hundred in the American refiner's favor, and, it is claimed, reduces by that much the amount of protection which the Canadian manufacturer enjoys. The Government did not regard it with favor.

—Five million dollars is the capitalization of a company which has been formed to take over the business of Mackenzie, Mann & Co., and to which letters of incorporation have been granted. The company is known as Mackenzie, Mann & Company, Limited, and the members are William Mackenzie, D. D. Mann, Z. A. Lash, E. W. McNeill and R. J. Mackenzie. There are 50,000 shares of \$100 each, and the head office of the company is to be in Toronto.—A company with a capital of \$600,000 has been formed to take over the business of the Cook & Bros. Lumber Company, of Ontario, Limited. The new company is known as the Cook, Lummis Company, Limited, with the head office at the Village of Spragge. The members of the company are G. W. Cook, Morrisburg; W. D. Lummis, H. W. Welch, Toronto; Hon. J. P. B. Casgrain, Montreal, and C. E. Smith, Spragge.—The Imperial Rolling Stock Company,

Contractors to H. M. Government.

HARRAP BROS.,

Manufacturers

Kendal and other Knitting Worsted,

Fingerings and German Wools, Andalusian and Soft-Spun Saxony

Sole Makers of the Celebrated

"PRIMULA" WOOL FOR HOSIERY.

Also Coating Yarns, in Warp and Weft, in Hank, or on Tubes or Cheeses

Bective Mills, Alverthorpe, - Wakefield, England.

Special terms to Canadians under the New 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.

ADMIRALTY CONTRACTORS.

Tel. Address: "PUMPS," Leeds.

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

Manufacturers of

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

ELECTRICALLY DRIVEN PLANT.

Providence Works, Cross Stamford St. LEEDS, Eng.

Special prices to Canadians under the new tariff

ESTABLISHED 1870.

Codes—A.B.C. 4th Edition. LIEBERS, PRIVATE.

PEPPER

All Ground Peppers Guaranteed absolutely Pure. Peppercorns, Shells and Broken, and every description for Export.

GRINDERS.

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

Special Prices to Canadians under the New Tariff

JAMES NORTH & SONS,

Chamois and Gloves
... AND ...
Athletic Goods Manufacturers.

Harvest Gloves, Driving and Dress Gloves, Housemaids' Gloves, Gardening Gloves, White Cow-Hide and Seal and Tan Mitts. Cricket, Tennis, Footballs, and Boxing Gloves.

CASH BAGS,

DRESSERS AND MANUFACTURERS.

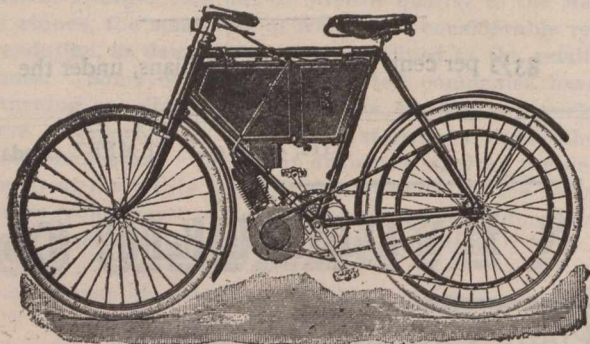
Godley Mills, and Tower Street Works.

HYDE, Manchester, Eng.

ESTABLISHED 1887.

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 MOTOR BICYCLE,

MANUFACTURED BY THE

LEEDS MOTOR EXPERTS,

WALKER BROS.,

"PRIMO" WORKS.

Meanwood Road, LEEDS, Eng.

Limited, with a capital of \$1,000,000, has been incorporated to do a general business in general railway and street railway machinery and plant. The head office will be in Toronto, the incorporators being J. S. Lovell, William Bain, E. W. McNeill, R. Richardson, and Robert Gowans, all of Toronto.—Other companies incorporated are: National Mica Grinding Company, Limited, capital \$50,000, head office Gananoque; the Rokco Manufacturing Company, Limited, capital \$50,000, head office Toronto, to deal in cereal foods and domestic specialties; Sand & Dredging Company, Limited, capital \$40,000, head office Toronto, to do a general construction and dredging business; the Automobile Carriage Company, Limited, capital \$40,000, to manufacture motors, launches, etc., and to acquire the business of O. L. Bickford & Co.; the Dominion Motor & Machine Company, Limited, capital \$40,000, head office Toronto; the National Box

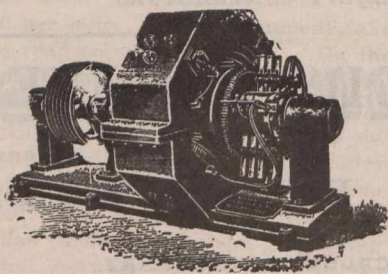
ALFRED SYKES,

ELECTRICAL ENGINEER,

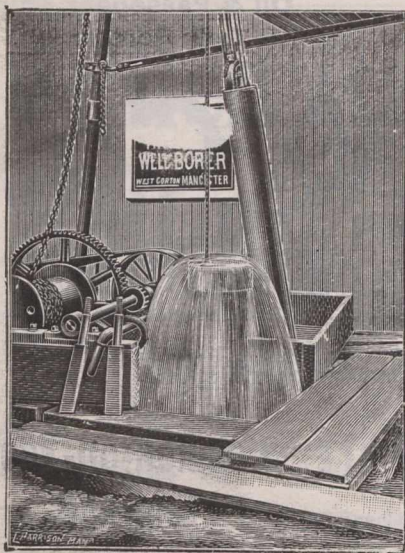
Spring Place Works,

Huddersfield,

ENGLAND.



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



Telegrams, "ARTESIAN," Manchester.

Telephone No. 1826

THOMAS MATTHEWS,
IMPERIAL IRON WORKS,
PENDLETON, Manchester, Eng.

Artesian Well Borer,

Patent Deep Well and Bore-Hole Pumps. Earth Boring and Mining Machinery (All Sizes) For Sale or Hire.

Bore-Holes for Oil/Water or Minerals.

Company, Limited, capital \$20,000, head office Toronto; the Dunwich Farmers' Building Company, Limited, capital \$20,000, head office Dulton; the Port Hope Skating & Curling Company, Limited, capital \$10,000, head office Port Hope.—The following American companies are authorized to transact business in Ontario: Galena Oil Company, capital \$200,000, Attorney L. L. Miller, Toronto; London Machinery Company, capital \$40,000, Attorney H. B. Callander, Windsor; the Crucible Steel Company of America, Limited, capital \$20,000, Attorney E. B. Walker, Toronto; Michigan Ammonia Works, capital \$15,000, Attorney George Ritchie, Toronto; the Natural Food Company, capital \$10,000, Attorney John Hewitt, Toronto.

—Fire Insurance Decisions.—A provision in a mortgage clause of an insurance policy that in case the company shall pay the mortgagee any sum for a loss under the policy, and claim that it was not liable therefor to the mortgagor, it shall at once be subrogated to the rights of the mortgagee under any security held by it "on the property in question" for the payment of the mortgage debt, does not have the effect of making the insurance company a surety for the payment of the mortgage debt, nor give it any rights with respect to securities held by the mortgagee, until it has paid a loss under its policy to the mortgagee. It cannot, where it is carrying a part of the insurance on the prop-

erty, and contesting its own liability for a loss under its policy, insist that the mortgagee shall not make any settlement deemed advantageous with other insurers, unless with its consent; nor is it entitled, after it has been compelled to pay its share of the loss, to claim that the mortgagee shall be charged on the mortgage debt with more than was received under such settlement, even if it has any right in such case to an interest in any security other than that "on the property in question." *New Hampshire Fire Insurance Co. of Manchester, N.H., et al, vs National Life Ins. Co. of Montpelier, Vt., 112 Fed. Rep. (U. S. C. C. A., Neb.) 199.*—An insurance company cannot be deemed to have waived a condition in a policy of fire insurance rendering it void in case other insurance had been, or should be, made upon the property, unless by agreement indorsed thereon or attached thereto, because its agent had notice or knowledge of the existence of other insurance in another company at the time he delivered the policy and received the premium, where such policy also provided that "no officers, agent or other representative of this company shall have power to waive any provision or condition of this policy, except such as by the terms of the policy may be the subject of agreement indorsed hereon or added hereto; and as to such provisions or conditions, no officer, agent or representative shall have power, or be deemed or held to have waived such provisions or conditions, unless such waiver, if any, shall be written upon or attached hereto; nor shall any privilege or permission affecting the insurance under this policy exist or be claimed

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WEIGHTS



Manufactured for the Canadian Market under the New Tariff, by

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

Established 65 years. Telegrams: "SUBLIME, Liverpool.

DESSICATED
COCOANUT.

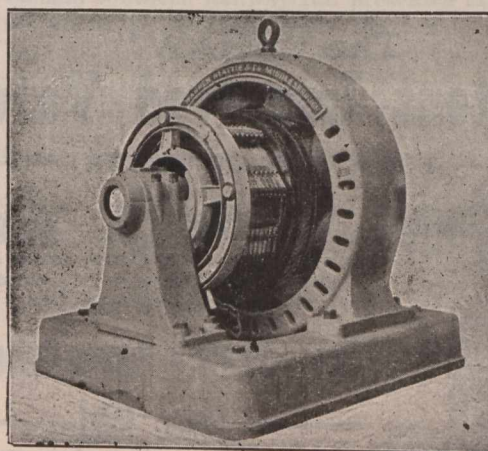


JOHN SHORE & SON,
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samples at your disposal.
 Terms: Cash against B. Lading.

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Warren, Beattie & Co., **ELECTRIC POWER ENGINEERS,**

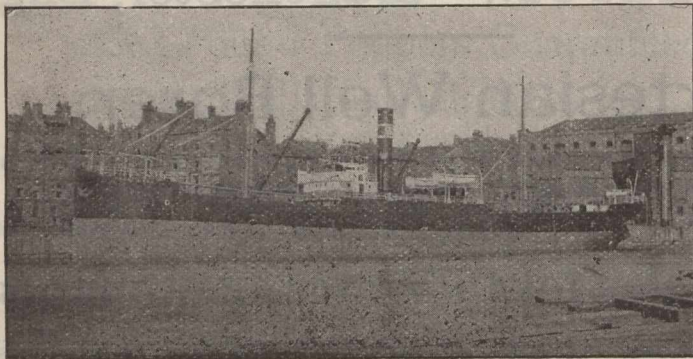
Contractors for Complete Electric Power and Lighting Installations for Mines, Shipyards, Iron and Steel Works, etc., etc.

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Telegraphic Address :
 "CRAIG TAYLOR, STOCKTON."

Oil & Passenger Ships,
 Twin Screws, &c.

CRAIG, TAYLOR & Co.,



Shipbuilders, Engineers and Repairers,

Thornaby Shipbuilding Yard,

GRAVING DOCK
 570 Ft. Long.

Stockton-on-Tees,
 England.

Special estimates to Canadians under the New Tariff

by the insured unless so written or attached." Northern Assurance Co. of London vs Grand View Building Assn., 22 Sup. Ct. Rep. (U.S.) 133.

—Beet sugar interests do not show great strength down in the New York State capital. The Senate, we are told, has voted to reduce the bounty from a cent to half a cent a pound and to cut down the amount voted for instruction in beet culture. The opinion was expressed that the infant industry was about able to walk. Nebraska voted a bounty and the next Legislature refused to appropriate the money and the sugar men sued. The Michigan bounty law evoked diverse legal opinions and went to the courts. Illinois passed a bounty law, but the Governor vetoed it. South Dakota offered a bounty of a cent a pound to factories that made not less than 2,000 pounds of sugar a day. Minnesota passed a bounty law which the Governor vetoed and the Legislature passed it over the veto. Washington offered a cent a pound, the whole amount not to exceed \$50,000 a year, limited to three years, and to factories established before November 1 last. Iowa exempted sugar factories from taxation for ten years, and bounty laws were defeated in Wisconsin, Indiana and Pennsylvania. In regard to bonuses offered by local communities for the establishment of sugar factories, a special agent of the Department of Agriculture, reported two years ago that "a beet sugar factory can be capitalized and built and run on its own merits at a fair profit in any locality where favorable conditions exist, without the stimulus of a bonus being paid by the local parties."

ESTABLISHED 1869.

Bottled Beer and Stout

FOR EXPORT.



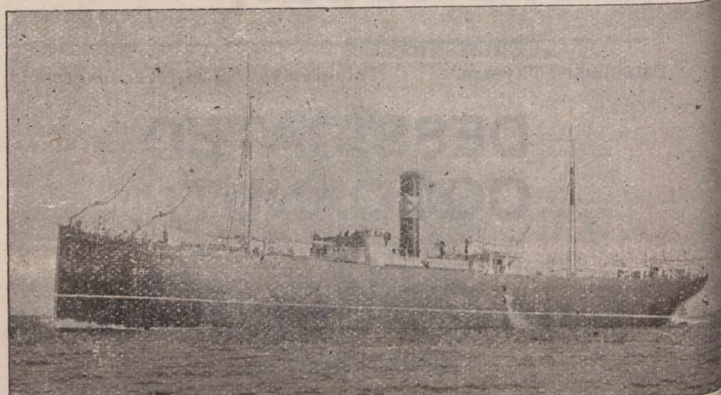
The "Compass" Brand

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

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

W. E. JOHNSON & CO.,
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TYNE IRON SHIPBUILDING COMPANY, LIMITED
 Steel and Iron Shipbuilders and Repairers.

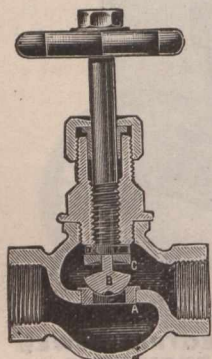


Willington-Quay-on-Tyne,

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The "SHAW" Patent Improved Valve..

FOR STEAM OR WATER



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

The "SHAW" Patent Universal Union Joint

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

JOSEPH SHAW, HUDDERSFIELD, ENGLAND. ALBERT WORKS.

Telegrams: "GOVERNOR," Huddersfield,

Supplied under the New Canadian Preferential Tariff.

Fulled Raw Hide Belting AND Laces.

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

Edward Fairburn & Sons,

**Caldervale Mills,
BRIGHOUSE, Eng.**

Special Terms to Canadians under the New Canadian Tariff.

—One of the largest real estate deals that has been consummated in the West is reported to be about completed at Winnipeg. It will involve the transfer of titles to nearly half a million acres and it is understood an exchange in cash of about a million and a half dollars. The purchasers of all this farming land is the Dominion Land and Colonization Company, which is buying unsold C.P.R. lands in southeastern Assinoboia, and part of southwestern Mani-

**Our Oak Leather is Tanned and Curried
in the good old way and made into
Belting, with the accumulative
experience of 43 years.
"Extra" Brand.**

The J. C. McLaren Belting Co.

FACTORY:

MONTREAL. TORONTO. VANCOUVER.

Manganese

LUMP, FINE and GROUND.

EVERITT & CO.,

40 Chapel Street, Liverpool, England.

toba. The company is composed of St. Paul and Minneapolis capitalists. The capital stock is \$2,000,000. O. A. Robertson has conducted all negotiations, which have reached such a stage that they can practically be said to be complete. F. T. Griffin, C.P.R. land commissioner of the Canadian Pacific Railway Company, said that Mr. Robertson had about completed negotiations for the purchase from his company of 400,000 acres of land, being convenient to the Soo line. From other sources it was learned that the lands are in ranges 30 to 34, west of first meridian; and ranges 1 and 2, west of second, in townships 1 and 2, and ranges 3 to 14, west of second in townships 1 to 6.

—Washington, U.S., advices state that after prolonged debate the Senate passed the ship subsidy bill, the final vote on the measure being 42 to 31. With the exception of amendments offered by Mr. Allison and accepted by Mr. Frye, limiting the time of the operation of contracts made under the provisions of the bill to July 1, 1920, and providing that the amount of the expenditure under the mail subsidy paragraph shall not at any time exceed \$8,000,000 annually, not one of the amendments agreed to materially affected the bill as it was reported from the commerce committee. Mr. Hanna offered, and the Senate adopted, three amendments applying directly to the acquisition by J. Pierpont Morgan and his associates of the Leyland line of British ships. They provide that no foreign built ship shall participate in the proposed subsidy, that nothing in the act shall be construed to prevent American citizens or corporations from holding or operating foreign ships in the ocean carrying trade; and that no foreign built ship of any line thus acquired by American citizens shall be admitted hereafter to American registry.

—The Canada Southern Railway Bill presented at Ottawa asking for an extension of time for the construction of certain branches for five years to begin work and ten to

—* Established * 1825. *

A. G. THOMSON & CO., Limited,

Highland Whisky Distillers,

Blenders and Bottlers to Wholesale Trade only.

PROPRIETORS OF

GLENCADAM DISTILLERY, Brechin, Forfarshire,

where the Best Scotch Barley only is used.

Standard Blends of Fine Scotch Whiskies, of all ages from new to 20 years old.

Buyers' own Brands or Labels alone used when desired.

Bonded Stores & Office:—44 to 64 James Watt Street, Glasgow, Scotland.

AGENTS WANTED IN MONTREAL AND TORONTO.

Established 1828.

Cable Address: "DUCHY," Liverpool.

PURE



LARD.

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

LARD OIL.

For delicate machinery is the finest known.

BAR MOTTLED SOAP.

IRVEN BROTHERS, LIVERPOOL, ENG.

Under New Canada'n Tariff Law.

complete was changed to three years to begin and five to complete. The bill was adopted.—Respecting the Canada and Michigan Bridge and Tunnel Company, an extension of the time for beginning the work, which is for a bridge from Windsor to Detroit, was asked for. It was explained that this was necessary, because the company had to get the consent of Congress to build the bridge, without which, it could not be proceeded with. Asked for two years' extension after the consent of Congress was obtained. This was given providing that such was got within five years.—A similar bill for a bridge to cross the St. Clair river at Sarnia was presented. An extension on the same terms was granted.

—The following return shows the quantity of vegetables imported into the ports of Montreal and Toronto, and the Customs duty paid upon them for the years 1900 and 1901:

	1900.		1901.	
	Quantity.	Duty.	Quantity.	Duty.
Melons, number	54,838	\$522	42,296	\$482
Potatoes, bushels	18,678	2,710	6,981	1,047
Sweet potatoes, bushels	4,506	450	5,076	507
Fresh tomatoes, bushels	2,937	1,145	6,066	2,283
Tomatoes and vegetables, canned, lbs.	71,104	1,066	78,852	1,183
Other vegetables, fresh or salted		3,139		3,896
Total		\$9,223		\$9,398

The Liverpool and Bankhall Chemical Company's



The best and most effectual remedy for

Ticks, Lice, Maggots, Scab, Foot-Rot, &c.

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

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

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

SOLE MAKERS:

The Liverpool & Bankhall Seed Crushing & Chemical Co., Limited,

Liverpool, England.

—A \$10,000,000 company to promote the Marconi wireless telegraph system in the United States will probably be incorporated in the near future under the laws of New Jersey. The firm of E. Rollins Morse & Bro. has charge of the financing of the new company. It is proposed to raise \$750,000 through the sale of stock, of which amount \$250,000

C. & A. MUSKER, LTD.,
LIVERPOOL, ENGLAND.

MANUFACTURERS of every DESCRIPTION of

Hydraulic & Electric Machinery.

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| Dock Machinery, Presses, | Accumulators, Valves, Tube |
| Coal Tips, Capstans, | Stavers, Dynamos, |
| Pumping Engines, Lifts, | Power & Lighting Plants, |
| Intensifiers. | Motors, Cranes. |
| Hydraulic Machine Tools, Steam Motor Wagons, | |
| Concrete Flag Making Machinery. | |

Telegraphic Address: "Muskers, Liverpool."

Telegrams:—"PUMPHREY, Glasgow."

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

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

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SUGARS as they should be!

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Government Contractors.



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SHEFFIELD,
- - -
England
32 ANGEL STREET,

Leather Merchants and Mill Strap Manufacturers.

will be paid to the parent company, an English corporation, and \$500,000 will go into the treasury of the New Jersey company for development purposes. Details as to the amount of stock to be sold, prices, etc., have not yet been determined upon. Papers relating to the incorporation of the company are being drawn. Sig. Marconi estimates that \$500,000 will be a sufficient amount to place the American company on a commercial basis. The English company is said to be already on a well-paying basis.

—Toronto Junction Notes.—The Council recently closed the matter of the settlement with the Prittie estate in the tax sale suit. The town pays its own costs and \$1,750, but gets all its tax sales for some years back validated by the Legislature, which closes up the matter satisfactorily all round.—The by-law in regard to the location of the Gurney

Stove Works at the Junction received its third reading. It now transpires that the Gurney Company will move their entire works to the Junction, and will in time be employing 500 men there. The works will require ten or twelve acres of ground. —The Comfort Soap Works have begun operations on a building which will about double their present capacity, and a by-law was passed exempting this from taxation.

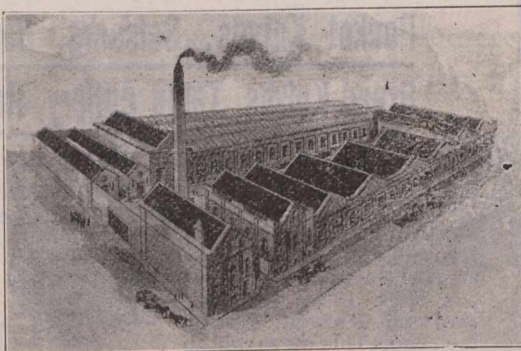
—The North German Lloyd Steamship Company have announced an increase of 10 marks, beginning March 17, in the steerage rates to New York, Baltimore and Galveston. It was stated that the increase in steerage rates, however, would not apply to the passage eastward, as these rates are already at the "top notch." The new steerage rates will be, from Bremen to New York, via express steamships, \$40.50, and on the slower regular vessels, \$38.50; to Baltimore, \$36.50, and to Galveston, \$38.50. It may be stated also that this increase in steerage rates for the westbound trip will, in all probability, be followed with similar action on the part of other transatlantic lines.

Established 1861.

.. Bootle Jute Factory Co., Limited ..

SPINNERS
AND ...
MANUFACTURERS.

JUTE BAGS AND BAGGING.



JUTE SACKING & SHESSIAN'S.

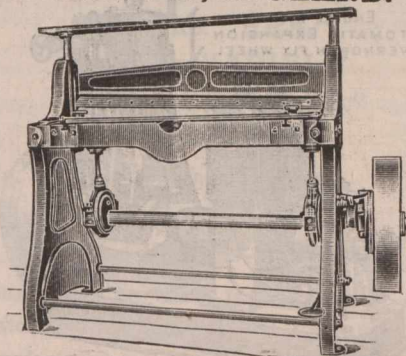
DUNDEE WORKS,

BOOTLE, - **Liverpool, Eng.**

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

A. Kinghorn & Co.,

Phoenix Ironworks, Millwood,
TODMORDEN, ENGLAND.



Single Action Power Sizing Shears.

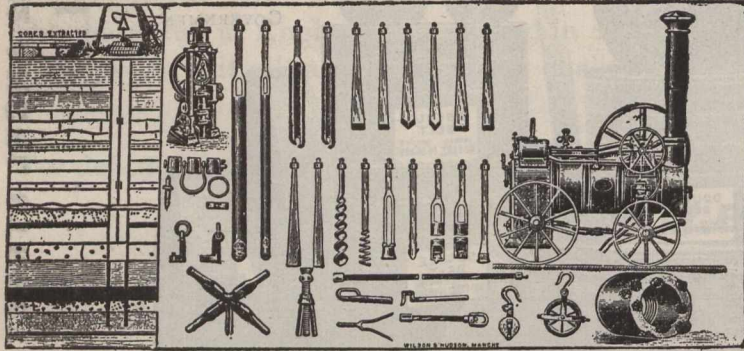
Canadians have 33 1/2 per cent. in their favor by purchasing these Machines, under the New Canadian Tariff.

Contractor to H. M. Government.

Tel. Address, "Thom, Patricroft."

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Canal Works, Patricroft, near Manchester, England.



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

Artesian Wells put down to any depth

Manufacturer of
all kind of

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

Special Estimates under the New Canadian Pre-ferential Tariff.

—Winnipeg Notes.—Mr. F. W. Thompson, General Manager of the W. W. Ogilvie Milling Company, has just closed the largest sale of flour ever made in the Dominion of Canada, being an order for shipment to South Africa of 35,000 barrels of Ogilvie's Hungarian brand. The magnitude of this order can probably be better appreciated when it is stated that it will comprise a solid shipment equivalent to ten train loads.—Messrs. Osler, Hammond & Nanton have disposed of 112,700 acres of land since the beginning of January. The average price paid for this land was over \$3 per acre, and it is situated mostly in the Northwest Territories.

—The bill to adopt the weights and measures of the metric system as the standard for the United States was ordered favorably reported by the House Committee on Coinage, Weights and Measures. It provides: "That after January 1, 1904, all the departments of the Government of the United States in the transaction of all business requiring the use of weight and measurement except in completing

the survey of public lands, shall use only the weights and measures of the metric system, and after the first of January, 1907, the weights and measures of the metric system shall be legal standard weights and measures of and in the United States."

—The annual meeting of the Canadian Rubber Company was held recently at the offices in Montreal. The annual statements were presented and adopted. The election of directors resulted as follows: Messrs. H. Montagu Allan, J. B. Learmont, W.H. Benyon, C. F. Smith, Andrew A. Allan, H. Markland Molson, F. J. Hart, J. O. Gravel, and F. C. Henshaw. At a subsequent meeting of the directors the following officers were elected: President—Mr. H. Montagu Allan. Vice-President—Mr. J. B. Learmont. Secretary-treasurer, Mr. E. A. Wright.

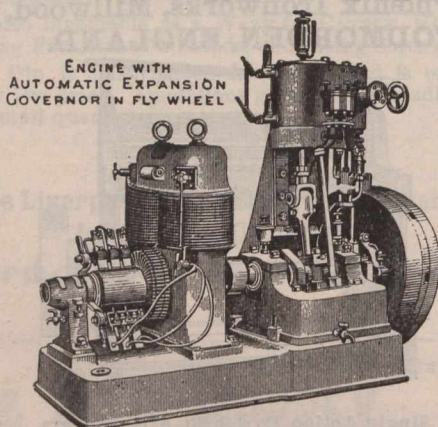
—London advices of the 12th instant read: The Canadian emigration season opens to-morrow, the Parisian leaving Liverpool with a full complement. Mr. Webster, a Canadian Government agent, will be in charge of Canadian emi-

"CASTLE" DYNAMOS

— FOR —

SHIP LIGHTING

**SLOW SPEED.
HIGH EFFICIENCY.**



SLOW SPEED COUPLED DIRECT SYSTEM

ENGINE WITH AUTOMATIC EXPANSION GOVERNOR IN FLY WHEEL

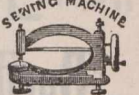
"OPEN FRONTED" ENGINE AND "CASTLE" DYNAMO.

**J. H. HOLMES & CO.,
NEWCASTLE-ON-TYNE, ENGLAND.**

Telegrams: "HOLMES, NEWCASTLE-ON-TYNE."

To Ironmongers and Others

Chas Dickens said: "Money and GOODS are the BEST of references." This is true of our



Trade Mark Registered.

CUTLERY & PLATE

You want the Best References, therefore stock our World-Renowned Goods, as they are the Standard of Excellence.

**Pocket Knives, Scissors, Carvers,
Bread Knives, Table cutlery, Razors.**

CATALOGUE ON APPLICATION.

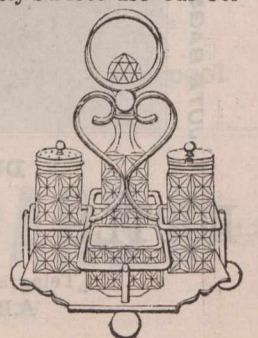
The Officers of His Majesty's Fleet use our Celebrated Carvers, Bread Knives, &c., &c. The men of His Majesty's Army use our High Class Butcher Knives, Knives, Forks, &c, &c. This we submit to be a reliable test of the excellent quality of our goods.

FRANK MILLS & Co.

Hanover Works

Division St., SHEFFIELD, Eng.

(Contractors to the British Government.)



Ice-Making ===== ===== Machinery

FOR ALL

Refrigerating Purposes.

Benjⁿ Goodfellow, Limited,
HYDE, near MANCHESTER,
ENGLAND.

Special estimates to Canadians under the New Tariff.

grants. The Sardinian, leaving Glasgow, on the 25th, has already 200 emigrants booked. The Government personally conducted parties will leave by each succeeding steamer. At the Government office here 8,000 Canadian emigrant enquiries have been received this year, compared with less than half that number last year.

—Our Bay of Quinte correspondent says: E. N. Lockwood of Prescott, has opened a tailoring establishment in the store formerly occupied by W. H. Stafford on Main street, Deseronto.—The ice in the Bay is beginning to show signs of wear, and cracks are numerous. The signs point to an early opening of navigation.—Farmers in this vicinity are tapping their sap bush as this seems to be the sugar season.

—A delegation from New Ontario called upon the Government recently and asked for a grant for a fish hatchery. The delegates say the net fishing in Thunder Bay is carried on with such vigor by Americans and Canadians that the supply in the bay may be expected to noticeably diminish if the fish are caught at the present rate for any length of time. They want to see a hatchery placed at the mouth of Current River, which empties into Thunder Bay.

—From St. Petersburg it is announced that an important improvement decided on there will greatly facilitate commerce and bring St. Petersburg into much closer and more profitable connection with the world. The authorities have decided that the sea channel and harbor of St. Petersburg shall be brilliantly lighted. Foreign vessels as well as Rus-



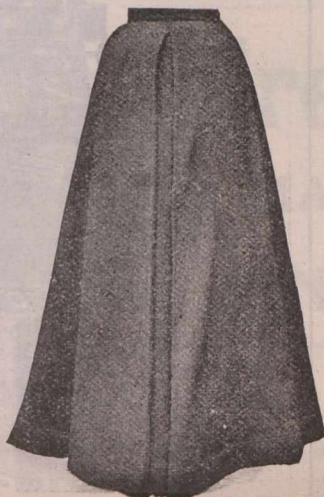
TRADE MARK.

Unshrinkable

Cycling . .

Skirts . . .

"THE ERA."



The "ERA."
The "ARIEL."
The "ECLIPSE."

Simple. Perfect Fitting. Graceful

NO COMPLICATIONS.

These Skirts are made from BARKER & MOODY'S Celebrated Unshrinkable Cycling Costume Cloths, which are manufactured expressly for this purpose.

BARKER & MOODY, Kirkstall Road,

LEEDS, Eng.

Special rates to Canadians under the New Tariff.

ESTD 1865

TELEPHONE 999

Chambers Bros

EFFINGHAM MILLS
SHEFFIELD
ENG.



STEEL MOULDERS' COMPOSITION

SPECIAL PAINT FOR THE SURFACE OF MOULDS.

GROUND GANISTER

PATENT NON-CONDUCTING CEMENT FOR STEAM PIPES & BOILERS.

GROUND MORTAR &c.

sian will be permitted to enter and leave the harbor at any hour of the day or night.

—Advices from Mr. James A. Smart, deputy minister of the interior, at present in London, England, state that during the present month about 2,500 immigrants will leave Liverpool and Glasgow for Canada, and that during April, May and June, an average of 4,000 a month will leave for the Dominion. The first of these parties left on the 15th and another will leave Glasgow a week later, and will continue weekly throughout the season.

—A Parliamentary paper gives the statistics of the emigration from Ireland during the year 1901. The total was 38,870, equal to 9 per 1,000, a decrease of 7,237, as compared with the year 1900. Of the total there were 18,343 males and 21,527 females, a decrease of 4,952 and 2,285 respectively, as compared with the preceding year. Out of the entire number of emigrants, 31,942 went to the United States.

—Mr. Drummond, engineer of the London and South-Western Railway, has accomplished what many engineers have decided to be almost an impossibility. He has applied the water-tube boiler to locomotives. The results of prolonged trials with a large number of engines were eminently satisfactory. A trip from London to Salisbury was made with a coal consumption of less than 29 pounds to the mile.

—The Barrie, Ont., Board of Trade is negotiating for the establishment there of a sheepskin tannery, having been asked to recommend that the town exempt the interested parties from taxes, give them free light, and water and make them a loan to cover the amount of building and machinery. At the annual meeting Mr. J. R. Lamb, manager of the Bank of Toronto, was elected president.

—At Berlin, Ont., a portion of the township has been added to the town in order that all of the works of the Ontario Sugar Company will be within the limits of the cor-

The Sizing Materials Company

Manufacturers of
all kinds of

Chemicals and Materials used
by Warp Sizers and Finishers.

10 Marsden St., - MANCHESTER, Eng.

Telegraphic Address :—"MESH," Manchester.

The Yorkshire Wire Cloth Company,

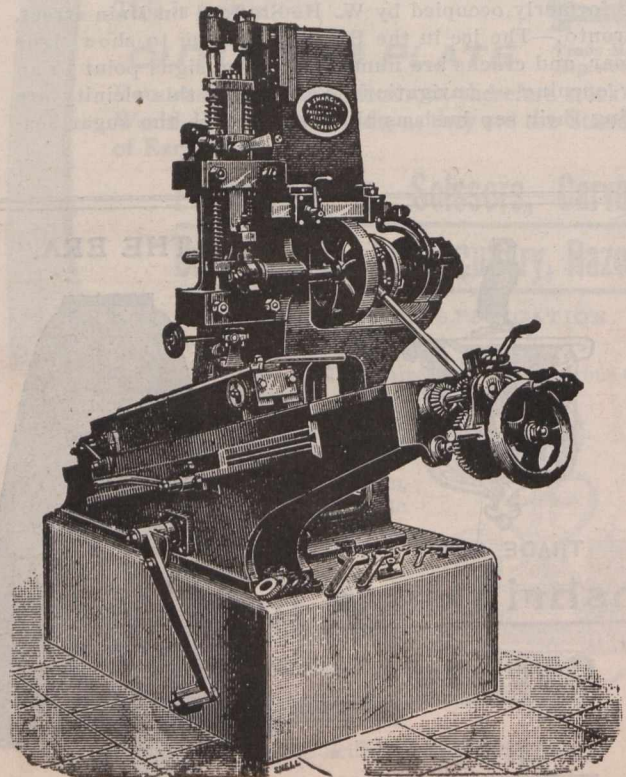
Flour and Rice Mill Furnishers, Silk
Merchants, Wire Weavers, Brush
Makers, Metal Perforators, &c.

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

F.O.B. MANCHESTER.

Ambrose Shardlow & Co., Ltd.,
Ealing Works, ATTERCLIFFE, Sheffield, Eng
Patent Improved File-Cutting Machines.

NEW TYPE.



Joseph Booth & Bros., L'td.,

ENGINEERS

and MANUFACTURERS,

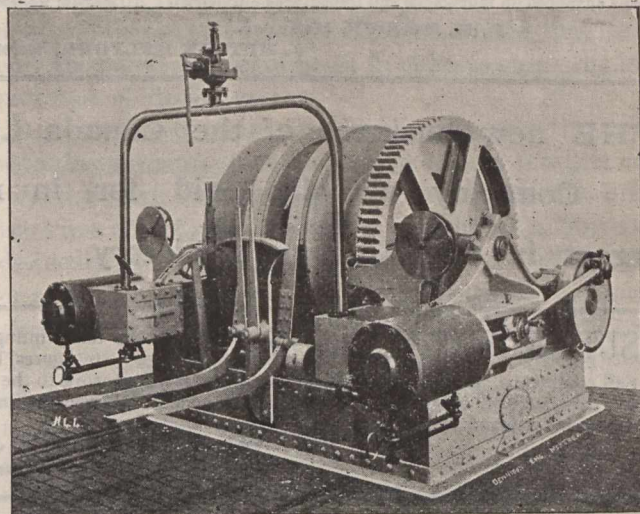
Rodley, Near Leeds, - - England.

Manufacturers of

Steam Hydraulic Cranes

and Lifting Machinery,

Under the New Canadian Tariff.



poration. The work of surveying the site so far, to locate the railway switches, warehouses, and buildings of the refinery, is now in active progress, and it is fully expected that the factory will be ready for operation by October 1st.

—Some idea of the vastness of the new car and locomotive works at Hochelaga may be taken from the calculation of the engineers that 1,200 tons of material will be consumed each day. Including the cars manufactured and those required for transportation, four or five hundred cars will be handled each week on the site of the shops.

—The Experimental Farm officials have sent out 19,793 three-pound packages of seed grain to farmers all over the Dominion, besides 1,642 eight-pound packages to farmers who have shown special interest in the work. The department is kept very busy answering correspondence and sending out replies.

—The Kingston, Light, Heat & Power Co. will, it is stated, appeal from Justice Lount's decision, which places no valuation on its franchise. It may be three years before the city can get control of the plant, as the company will carry the matter to the Privy Council.

—Grand Trunk engineers are working between Brantford, Ont., and Lynden making the necessary surveys in connection with the proposed laying of the main line through the former place.

—The Trent Valley Peat Fuel Company, of which Mr. W. A. Davis, Mayor of Peterborough, Ont., is president, has assigned. The company has spent about \$50,000 in experimenting in the manufacture of fuel from peat and apparently the problem has not yet been solved.

—The British transport Birkhall was reported some days ago at New York loading a cargo of hay for South Africa. The hay is in bond from Canada. The bales are small, cylindrical ones, averaging about 105 pounds each, suitable for transport on muleback.

—A new steamer for the Lumsden fleet on Lake Temiskaming and Kippewa will be built this year. The plans call for a side-wheel steamer 146 feet long and 26 feet beam, with great towing power. The vessel will have a speed of about 13 miles an hour.

—J. G. Jardine, who acted as commissioner for Ontario at the Paris Exposition, has been appointed commercial agent for Canada in South Africa, with headquarters at Capetown. Mr. Jardine was formerly of Toronto.

—The British Admiralty has contracted with various ship-building companies for the construction of five first-class and two third-class cruisers and two battleships.

—The Oakville Navigation Company's steamer White Star will resume her route between Oakville and Toronto again this season.

GOLD MEDAL LYONS EXHIBITION, 1872. SILVER MEDAL BARCELONA EXHIBITION, 1888.
TWO GOLD MEDALS TORONTO EXHIBITION, 1896. GOLD MEDAL PARIS EXHIBITION, 1900.

The Lancashire Felt Co., Ltd.,

DENTON, near MANCHESTER, ENG.

Manufacturers of **WOOL AND FUR BODIES.**

Suitable for Ladies', Men's and Boys' Hats. Also Raw Materials supplied to Manufacturers of same under the New Canadian Preferential Tariff.

THE STANDARD ASSURANCE CO. ESTABLISHED 1825.
OF EDINBURGH.
HEAD OFFICE FOR CANADA, - MONTREAL.
 Invested Funds, - - - - - \$48,400,000
 Investments in Canada, - - - - - 14,930,000
 [WORLD WIDE POLICIES.]
 Thirteen months for revival of lapsed policies without medical certificate of five years' existence.
 Loans advanced on mortgages and Debentures purchased. Agents wanted.
D. M. McGOUN, Manager.
J. HUTTON BALFOUR, Secretary.

THE new business of the Canada Life Assurance Company actually paid for in 1901 was the largest in the Company's history.

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

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

 Capital and Accumulated Funds, :: \$38,355,000
 Annual Revenue from Fire Premiums..... }
 Annual Revenue from Life Premiums..... } 5,715,000
 Annual Revenue from Interest upon Invested Funds..... }
 Deposited with Dominion Government for the security of Canadian policy-holders 200,000
 Head Offices:—London and Aberdeen.
 Branch Office for Canada, Montreal, 1730 Notre Dame St.
 Manager for Canada,—ROBERT W. TYRE.

FIRE. LIFE. MARINE.
G. ROSS ROBERTSON & SONS,
General Insurance Agents and Brokers
 ESTABLISHED 1865.
 * 11 HOSPITAL STREET, *
MONTREAL.
 Telephone Main 1277. P. O. Box 2081.

THE CANADIAN Journal of Commerce.

MONTREAL, FRIDAY, MARCH 21ST, 1902.

THE BUDGET SPEECH.

It is many years since a Budget Speech was delivered as flat, stale, and unprofitable as the one heard in the House of Commons, Ottawa, on the 17th inst. A Budget without any tariff changes is like a novel without a love story. The Finance Minister admitted the imperfection of the tariff, which was a very easy admission; he regarded it as certain to be changed some future day, a forecast which required no prophetic gifts. The reason why no change was proposed this Session was stated to be, the desirability of making no alterations immediately before the Conference to be held in London in June or July next between the home authorities and the Colonial Premiers who will attend the Coronation. We regard this explanation as reasonable, though not very sanguine that the result of the Conference will be any immediate

Insurance.
PHENIX ASSURANCE CO'Y
OF LONDON, ENG.
 Established in 1783. Canadian Branch Established in 1864.
 No. 164 St. James St.
MONTREAL, P. Q.
PATERSON & SON,
 Agents for the Dominion
 City Agents:
 E. A. Whitehead & Co. English Dept.
 G. A. Raymond & Co. French Dept.
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Caledonian... INSURANCE CO.
The Oldest Scottish Fire Office.
 Canadian Head Office, MONTREAL.

R. WILSON-SMITH
 FINANCIAL AGENT.
 Government, Municipal and Railway securities bought and sold. First class securities suitable for Trust Funds always on hand. Trust Estates managed.
 STANDARD LIFE CHAMBERS,
 151 ST. JAMES STREET, MONTREAL.

THE MANCHESTER FIRE ASSURANCE COMPANY.
 Established 1824. CAPITAL, - - \$10,000,000
 Head Office, MANCHESTER, ENG. | Canadian Branch Head Office, - TORONTO, JAS. BOOMER, Manager.
 T. D. RICHARDSON, Assistant-Manager.
 EVANS & JOHNSON, Resident Agents, MONTREAL.
 1723 Notre Dame St.

IMPERIAL LIFE ASS'CE CO'Y OF CANADA.

THE YEAR'S RECORD.

	Jan. 1, 1901	Jan. 1, 1902	Increase	%
1. Total Assurance in Force.....	\$9,226,350	\$11,236,700	\$2,010,350	21.8
2. Total Assets.....	1,102,092	1,339,804	237,712	21.6
3. Reserves for Policies and Annuities.....	597,488	798,785	201,297	33.7
4. Annual Premium Income.....	319,860	395,170	75,310	23.5
5. Annual Interest Income.....	26,273	53,502	27,229	47.5
6. Total Annual Income.....	206,133	448,672	242,539	26.0

E. S. MILLER, Provincial Manager,

change in the fiscal policy of Great Britain. Indeed, we do not anticipate any change that will call for some modification of the Canadian tariff. Canada has already gone as far as can be reasonably expected by granting the Mother Country a preference of one-third in the Customs duties imposed on British imports. The situation thus created calls for some reciprocal action by Great Britain and we expect this view will be pressed at the Conference upon the British Government with considerable force. The announcements of Mr. Fielding, Finance Minister, will be quite puzzling to the generality of readers. We are not fully satisfied that he was not somewhat puzzled himself in presenting his statistics. The aggregate expenditure for the year was stated to be \$57,982,866, which is, \$5,265,399 in excess of the previous year, and the total revenue was given as \$56,800,000, from which data it was

Mutual Reserve Fund Life Association

FREDERICK A. BURNHAM, PRESIDENT.

EIGHTY-ONE THOUSAND POLICY-HOLDERS.

Total Assets, \$12,264,838.21.

THE TWENTIETH ANNUAL STATEMENT

Shows that the 1900 Business Brought

**An Increase in Assets. An Increase in Income
An Increase in Surplus**

...AND..

An Increase in Insurance in Force.**Net Surplus, - \$1,187,617.68.****Total Death Claims Paid since Organization, over
FORTY-EIGHT MILLION DOLLARS.**

EXCELLENT POSITIONS OPEN in its Agency Department in every Town, City and State, to experienced and successful business men, who will find the **MUTUAL RESERVE THE VERY BEST ASSOCIATION THEY CAN WORK FOR.** Further information supplied by any of the Managers, General or Special Agents in the U.S., Canada, Great Britain or Europe.

Home Office, Mutual Reserve Building, - - NEW YORK CITY

Montreal Office, - - La Presse Building.

T. W. P. PATTERSON, Gen. Man.

**UNION ASSURANCE SOCIETY
OF LONDON.**

(INSTITUTED IN THE REIGN OF QUEEN ANNE, A. D. 1714.)

Capital and Accumulated Funds exceed, - \$16,000,000 00

ONE OF THE OLDEST AND STRONGEST OF FIRE OFFICES.

CANADA BRANCH:

Cor. St. James and McGill Streets, - MONTREAL.

T. L. MORRISEY, Manager

deduced that there would be a large surplus. Then it was announced that the public debt was increased last year to the extent of \$2,986,196, say, three millions, while there was a surplus revenue of \$5,648,333. Of course, it is as easy as winking to get a surplus out of revenue if money is borrowed to meet a large mass of expenditures, but most business men would prefer to see a smaller surplus and a smaller debt, by the excess of revenue being applied to debt reduction, or at least to preventing its increase. It is very extraordinary to find the Finance Minister announcing, that, in the year of the great, the phenomenal surplus in revenue, the Government proposed to add to the public debt a larger amount than any on record. Time and time this Journal has called public attention to the desirability of keeping down the debt by appropriations from the revenue as, otherwise, the surpluses would only lead to larger outlays that would, practically, create deficits. These forecasts are now shown to have been well founded by the fact that, as the surpluses are growing the debt is growing in excess of them.

The practice of giving averages of the additions made in certain selected series of years and comparing such averages with another selected series of years, is mere schoolboy work; any desired result could be got by such fantastic comparisons. As Mr. Fielding said in another part of his speech, "averages are sometimes misleading."

As there will have to be a large loan negotiated this year, the Minister should avoid making it for a long term, as, when the war is over, there is likely to be an easier money market. In regard to the preferential tariff, the Finance Minister showed that under it the trade with Great Britain had increased. It seems, however, desirable to render the preference more effective in reducing

American imports and increasing British imports to make the discrimination in favour of Great Britain more marked, as there is abundant evidence that, in order to maintain their foothold in the Canadian market and to counteract the preferential tariff, American manufacturers make Canada the dumping ground of their surplus products, and they export goods to Canada on terms that leave only the barest margin of profit in order to check the importation of British goods.

In regard to Germany, Mr. Fielding thought the trade with that Empire, which has been restricted through our refusal to give German goods equal privileges with British, "was not of vital importance to Canada." This is a decidedly wrong view, as the trade of every customer is, or ought to be regarded, as of vital importance to a merchant, or manufacturer. To disdain the trade of a great Empire, like Germany, is not business-like. As a matter of fact, Canada imports largely from Germany through England, and it is desirable to make every reasonable effort to secure more of the direct trade of Germany than this country now enjoys.

The Budget Speech can be summarized in three short sentences: No tariff changes; larger expenditures; heavy borrowings. The menu is very appropriate to Lent, but, whether the country is in a mood for such a diet of herbs is doubtful.

HARBOUR MATTERS.

We have to acknowledge at this late date the receipt of the report of the Harbour Commissioners for the year 1900. No reason is given for its belated appearance; it has been repeatedly asked after for the purposes of information. It is now entirely too late for usefulness.

We may say, however, that its contents are very meagre even if it had come out, as it should have done, a year ago. The financial statements are not detailed, but the lumping of the expenses go to show that the expenses of the management are out of proportion to the revenue.

The report for 1901 is now fully due and it will be of interest to know from it, when it appears, what the proportion will be under the reduced rate of wharfage charges that were properly and judiciously made last year. In connection with this belated report of the Harbour Board, we noticed that one of our contemporaries, a few days ago, had a complaint that the financial report of the City Council for 1901 was not yet issued and wanted to know the reason why. We cannot answer that question, not being in the confidence of the Treasury Department of the city. It has, however, usually been issued in pamphlet form, hitherto, in March and that month has not yet run out, and it may be that our contemporary is somewhat impatient to obtain some particular information. How would he feel if he had to wait a whole year and then find, after repeated application, that the information looked for was not given?

There is to be said for the financial statements from the City Hall, that they have, of late years, been sent out within a reasonable time and they are always so elaborately detailed that the public can see exactly how the rate-payers' money has been expended and for what purpose—from the Aldermen's fees to the payment of the smallest purchase of supplies, and the names of the recipients of the moneys.

That is a proper course and should be followed by all public bodies. The business of the Harbour Board is small in volume, compared with that of the city, and its reports should be given out with equal promptness and detail as those of the city. A word to the wise in this respect should be sufficient.

We have also seen the full report of the delegation sent by the Harbour Board to enquire into the management and charges in other competing ports. It is interesting reading, certainly, but it contains nothing but what was already known to all interested in such matters. As we have before pointed out, in no two ports are conditions and charges alike, and the position of Montreal is different from them all, and therefore comparisons cannot usefully be made. The main object to be kept in view, if we are to keep, and increase, our trade, is to provide modern facilities for handling it and by reducing charges make it a cheap port in which to do business.

In this respect no apparent progress has been made by the Harbour Board since our last article appeared on this subject. For two weeks the members have been again confronted with plans for an elevator emanating from Buffalo—a name ominous for Montreal ever since the Commissioners made that celebrated visit to it. From what we gather from the men in the grain trade, who should know, in this matter, what they are talking about, the newly proposed plan is not suited to the requirements of this harbour. If this is so, what folly it seems to waste time over it. Week after week is passing, and if this is continued much longer, it is evident that the elevator cannot be built in time for the use of the trade even at the end of the coming season.

This elevator question is undoubtedly important but it is only a small portion of the requisites to perfectly equip the harbour as it should be equipped. In the meantime, so far as can be ascertained, no progress is being made on the larger features regarding the arrangements for the traffic on the wharves and to the sheds, the satisfactory settlement of which must soon become imperative.

BANK OF BRITISH NORTH AMERICA.

The 66th annual meeting of this pioneer Bank was held in London on the 4th instant, when a statement was laid before the proprietors, which we have the pleasure of publishing in a later page, accompanied by a full report of the Chairman's excellent address. The Bank, since last meeting, has moved into its new offices in Gracechurch street, London, which is a very central and advantageous position. The business last year was larger than in 1900. The net profits, however, were less, owing to some unfortunate losses in British Columbia, caused by the failure of one of the Bank's oldest customers who, for years, has kept up a high degree of credit and public respect by practices that were fraudulent. "His statements were absolutely fictitious," said the Chairman. This is one of the most dangerous forms of risk to a bank and the most difficult to guard against. The deposits and current accounts rose in 1901 from \$1,562,300 to \$1,575,500; the circulation from \$2,466,000 to \$2,505,600; the bills payable and other liabilities from \$9,928,900 to \$13,299,800. The latter indicates a considerable amount of new business.

The assets show also considerable increases. The cash in hand and at call rose from \$9,050,100 to \$11,548,000; the investments from \$1,421,200 to \$2,468,900; bills re-

ceivable, loans on security, &c., from \$2,398,800 to \$2,400,500. The net profits were \$192,250, out of which \$75,000 was transferred to Reserve Fund, and the usual dividend paid in October and the one due next month provided for. Thus, though the loss at Victoria, B.C., was very disappointing, it was fully provided for and neither lessened the dividend nor interfered with the annual appropriation to augment the Reserve Fund, which now amounts to \$1,825,000.

The cash resources of the Bank of British North America are exceedingly large in comparison with other banks and with its liabilities. The amount of money it has almost immediately available is \$14,017,000, which is about 90 per cent. of the deposits and current balances it has on hand. Indeed, the cash on hand, and at call and short notice exceeds the demand liabilities. The securities were increased last year by Canadian bonds to the extent of \$925,000.

In reviewing the business of the year the Chairman spoke of the general prosperity of Canada; he gave the value of farm products raised in Manitoba last year as \$40,000,000, exclusive of stock, hay and roots; the sales of North-West lands in 1901 were stated to be 931,000 acres. As to British Columbia, the increase in mineral output was stated to be 25 per cent. in excess of 1900. The salmon pack was declared to be the largest on record and the lumber trade extending. Victoria, B.C., seems to have been depressed, probably owing to the rise of Vancouver, and reaction after the Yukon excitement. As to Dawson City, the Bank does not expect any increase in the output of gold, and the manager there believes that the amount shipped has been exaggerated, but the Chairman shrewdly said, "We are not so much concerned with the amount of gold brought out as with the amount left in."

The Chairman referred to the advantages derived by the Board from the interviews with Mr. Stikeman, General Manager, which were said to be "most valuable," a compliment which he will much appreciate and his numerous friends in Canada cordially endorse.

ORILLIA BOARD OF TRADE ON THE POSTAGE ANOMALY.

The Board of Trade, Orillia, at a meeting on 18th ult., engaged in a discussion of Inter-Imperial trade, which was conducted with much ability. The meeting then took up the question of British postage, which resulted in the following resolution being passed unanimously:

"Whereas, newspapers and magazines from the office of publication pass between the United States and Canada at the domestic rates of the two countries, which are merely nominal; and whereas the postal rates on newspapers from Canada to Great Britain and vice versa are so heavy as to discourage the interchange of publications; and whereas such interchange would do much to foster a sentiment of Imperial unity, to encourage immigration from the Mother Country to Canada, and to promote inter-Imperial trade: Resolved, therefore, that this Board of Trade of the Town of Orillia considers that in the best interests of Canada, Great Britain, and the Empire, the postage on newspapers and periodicals should be reduced to a point where there would no longer be any discrimination in favour of the United States."

President Smith said "that in some cases the postage on British publications amounted to a hundred and fifty per cent. of the price charged by the publishers." The reso-

lution echoes the views expressed in this Journal in an article published on 17th January last, in which we said, "The postal regulations regarding the transmission of Canadian publications to Great Britain and of British periodicals to Canada cannot but be seriously detrimental to the good feeling and sense of unity in the two countries. Our people are kept out of touch with British sentiment and public opinion, and the British people are shut off from becoming intimate with Canadian sentiment and opinion."

We had much pleasure in finding these views so well expressed in the resolution of the Orillia Board of Trade and that they were unanimously endorsed by that body. Since publication we have received a letter from Lord Strathcona, High Commissioner of the Dominion in London, in which he describes the postal conditions above referred to, as "an anomaly," for which he trusts some remedy may be found.

Were the example set by the Orillia Board of Trade followed generally by other similar bodies throughout the Dominion a distinct step would be taken towards some more reasonable arrangements regarding the exchange of postal matter between Canada and Great Britain. At present, as we said in January, the postal arrangements distinctly discriminate against British magazines, reviews and newspapers in favour of those issued in the United States. Such arrangements seem designed to discourage Imperial sentiment and to develop antagonism between the old land and this country. The merchants of Orillia have done well to start a movement for remedying a manifest evil and we trust equally intelligent and patriotic action will be taken by every Board of Trade in the Dominion.

Since writing the above, we received a communication from the worthy president of the Peterborough (Ont.) Retail Merchants' Association directing attention to a discussion held at a recent meeting of that body. The report referred to has not reached us.

OVER-CAPITALIZED.

The experience of the Calico Printers' Association of England is one which furnishes a lesson, not only for kindred corporations, but for many joint stock enterprises on other lines this side of the Atlantic. The institution in New York, capitalized at only \$100,000 and whose shares are quoted at some 1,200 per cent. is an example on the other side. Some of the great life insurance companies may be cited in the connection, their reserves being over a thousandfold the amount of the paid-up capital, maintained to this day at the early figures.

The London Economist points the moral afforded by the Calico concern referred to, the annual report being the text of the paper. To the series of generally disappointing, and in some instances disastrous, reports recently issued by the principal textile combinations formed within the past few years, has now, it says, been added the annual report of the Calico Printers' Association. It may be remembered that when this undertaking was formed the prospectus showed that the average annual profits for a period of roughly five years amounted to £456,000, which was subject to a deduction of £100,000 per annum, as "a proper and adequate provision for depreciation." For the fifteen months covered by the accounts presented in May last year, the accounts showed

that after providing £219,000 for upkeep and depreciation, and deducting head office expenses, &c., the net profits amounted to about £446,000, or sufficient to provide the debenture interest and 4½ per cent. on the share capital. Owing, however, to the purchase money not having been fully paid up at the commencement of the Association's operations, £202,000 had to be set aside for vendors' interest, and the balance of £144,000 was carried forward to the credit of the succeeding year. The subscribers of the £5,000,000 of Ordinary share capital had, therefore, to go without a dividend; but bad as was the start, the later experience of the Association has been very much worse, for the accounts made up to December 31st last show that, after providing for working expenses, £11,000 for interest and bank charges, &c., the net profits fell short of the sum required for the debenture interest by no less than £106,000. While, therefore, the ordinary shareholders are again left without a dividend, the balance forward is reduced from £144,000 to £38,000, by far the greater portion of the debenture interest for the past year being payable out of the profits made in the preceding fifteen months. A net trading profit of £22,000 upon an issued share and debenture capital of over £8,200,000 is explained by the report as being due to the fact that the year's results have been affected by the unsatisfactory condition of the calico printing trade, particularly during the first three quarters of the year. In the last quarter an improvement is said to have taken place, but it is quite evident that the improvement will have to become very marked if the ordinary shareholders are ever to receive a dividend upon the large sum which they have invested in the concern. There can be little doubt that the Calico Printers' Association, like most of the other textile "combines," was greatly over-capitalised, as the profit basis upon which the businesses were purchased was greatly inflated by a few years of prosperous trading. There is even less room for doubt as to which party to the bargain, the vendors or the shareholders, have come best out of the transaction.

SETTLING AN INSOLVENT ESTATE.

That there is something lax in the law which permits of such a distribution of an insolvent estate as we here subjoin, is only too apparent; not only to the many whose names are therein affixed, but to every sound-thinking person in the Dominion, with the exception of a few among those whose knowledge of legal matters brings them prominently to the front in such disbursements.

The case we refer to speaks eloquently for itself, eloquently for the assignee, eloquently for the inspectors, eloquently for the solicitor; and even for the typewriter and telephone service; but the sweetness and melody of its tone departed by the time it reached the long list of creditors. Five cents in the dollar was left for them. In some cases scarcely the price of a good fiddlestring. To wind up and distribute to creditors the estate of a little general store in a country village, the total assets—stock, book debts, etc., of which had just been bought in for \$800, it took \$341.20. The firm of Carpenter Bros. began business at Mille Roches, Ont., a little village five miles from Cornwall, about two years ago, with an apparent capital of about \$2,000. They took over a business which had been established for nearly fifty years, and had paid its owner well.

Dividend Sheet—Estate Carpenter Bros., Mille Roches, Ont.

Receipts.

Mrs. Elizabeth Carpenter, for stock and book debts. \$800.00

Preferred Claims.

Wages	\$120.00	
Rent	25.00	
Taxes	10.73	
Insurance	3.36	
Bailiff's costs	15.81	
Sheriff's costs	28.57	203.97

Disbursements.

Assignee's commission including ordinary expenses	70.00	
Inspectors' fees (3)	60.00	
Paid stock-taking, including expenses	32.00	
Paid printing and advertising	10.55	
Solicitor's bill	60.00	
Telephones, postage, etc.	13.60	
Travelling expenses, including trip to Mille Roches, with inspectors	14.00	
Paid typewriting notices to creditors (60), lists of creditors (10), stock sheet (10), and dividend sheets (60)	36.67	296.82
		\$500.79

Amount to be distributed 299.21

Dividend 5c on the \$1.00 on claims of \$5,984.35.. 299.21

Approved.

(Signed), DANIEL DANIS,
 (Signed), J. A. C. CAMERON,
 (Signed), JOHN A. CHISHOLM,
 Inspectors.

Name of Creditor.	Dividend.	Claim
John Cardwell & Co., Montreal	\$1.22	\$24.32
Martin McGillis, Moulinette, Ont.	1.54	30.80
Lewis Bros. & Co., Montreal	9.73	194.52
J. B. Goodhue, Rock Island	3.02	60.50
J. E. Snetsinger & Co, Cornwall .....	.92	18.30
George Bisbee, Moulinette, Ont.	7.65	152.75
George Matthews Co., Hull	1.05	21.06
Edgar Coristine & Co., Montreal .....	.60	12.05
The Standard, Cornwall	2.38	47.50
The E. B. Shuttleworth Chemical Co., Toronto .....	.57	11.50
Forbes Bros., Montreal	8.53	170.71
The Lang Mngf. Co., St. Henri, Montreal.	253	56.60
A. Booth & Co., Montreal	1.80	35.95
Queen City Oil Co., Ottawa	1.65	32.93
T. W. Chamberlain & Co., Prescott	6.95	139.03
The J. D. King Co., Toronto	1.92	38.40
J. Hay & Son, Brockville .....	.20	4.00
The Canadian Jewellery and Importing Co., Montreal .....	.26	5.13
Colin McArthur & Co., Montreal	2.73	54.70
The Canadian Whip Co., Rock Island, Que. .	.51	10.25
Thomas Clearihue, Brockville	4.60	92.00
George F. Phelps, Montreal .....	.65	13.00
Verret, Stewart & Co., Montreal	3.01	60.13
Prime & Rankin, Toronto .....	.59	11.89
E. H. Thomas & Co., Norwich	1.31	26.21
James Smart Mngf. Co., Brockville	1.84	36.75
Caverhill, Learmont & Co., Montreal	2.57	51.44
Abbott, Grant & Co., Brockville	1.37	27.44
Northrop, Lyman & Co., Toronto	1.50	30.05
A. Ramsay & Son, Montreal	2.67	53.46
Mrs. Elizabeth Carpenter, Mille Roches. . .	81.02	1620.50
Miss Mary McConnell, Harrison's Corners .	18.01	360.25
G. W. Kezar, Mille Roches	28.27	565.46
P. D. Dodds & Co., Montreal	4.93	98.52
Lever Bros, Toronto	2.09	41.80
The Frontenac Milling Co., Kingston	7.44	148.75
James Sager, Montreal	2.54	50.75
Vanduzer & Griffith, Grimsby	3.51	70.23
Ava Co., Montreal .....	.82	16.40
Tooke Bros., Montreal	1.41	28.15
John L. Cassidy, Montreal	1.62	32.40

The Tetrault Shoe Co., Montreal	3.98	79.56
E. D. Marceau, Montreal	5.48	109.59
Carter, Galbraith Co., Montreal	11.20	223.92
Gault Bros., Montreal	18.83	376.61
Fred. C. Wheeler, Mille Roches .....	.87	17.50
Watson, Foster & Co., Montreal	1.94	38.81
Joseph Ward & Co., Montreal .....	.74	14.79
Davis & Lawrence Co., Montreal	5.08	101.53
Howden, Stark & Co., Montreal	1.95	39.03
T. H. Estabrooks, St. John, N.B. ....	.81	16.20
A. W. Ault & Co., Ottawa	10.08	201.55
Wilson, Lytle, Badgerow & Co., Toronto ..	.51	10.28
Staunton's Limited, Toronto	1.38	27.57
C. P. Carptenter & Sons, Winona	1.39	27.83
J. & G. Black, Thurso, Que.	1.75	34.92
Rathbone, McNeil & Co., Montreal	2.59	50.25
Mayell & Co., Toronto	3.17	63.53

The expenses attached to the winding up of the above recalls the story of the bailiff who, having a judgment against an old widow lady out in the country, found, on looking over the premises, a flock of ducks among the other seizable assets. Business not being very good with him about that time, he chased the ducks for four days, one duck at a time, and then charged mileage on the ducks.

WOOD PULP.

Seeing their limited supply of spruce timber in few hands and being rapidly changed into paper, our neighbours to the South are casting eager glances in this direction and noticing our magnificent spruce timber limits swaying in the northern breeze, are strongly advocating legislation in favour of a removal of the duty on Canadian pulp. Not satisfied with this many U.S. capitalists are investing in railway projects throughout Northern Ontario, Quebec and the Maritime Provinces, having already acquired extensive areas of spruce timber.

That Canada's supply of this valuable product is also limited is known only too well by those who have estimated the total areas and the time it will take to strip them. At the rate limits are being purchased during the past two years and the reduction which must be made for forest fires, it would be a wise precaution on the part of the Government to hold aside from sale a sufficient area of spruce timber to meet later requirements when more imperative demands will be made. For immediate gain millions of acres will be slashed and sacrificed within the next decade which, it is safe to say, would readily bring over three times the amount later on. Referring to the duty on wood pulp, the New York Journal of Commerce, in a recent issue, says:

The supply of spruce in this country is rapidly diminishing. When the Paper Trust was formed it claimed to have acquired about all that was left of spruce forests and accessible water powers. This was an exaggeration, as was presently proved by the establishment of outside paper mills with good water powers and plenty of spruce for their immediate needs. But the trust and the independent companies have pretty nearly all the spruce, and they are reducing the amount of standing wood so fast that American capital is now going into the ownership of Canadian forests and the manufacture of pulp in Canada.

Canada has incalculable supplies of spruce. The railroad from Winnipeg to Hudson's Bay, undertaken largely with American capital, has for a leading purpose the bringing to market of Canadian spruce; there are other woods and some minerals to be reached, but the prime

object of this road is to procure spruce for paper. There is now in process of construction on the Canadian side of the falls of St. Mary's River what is probably the largest water-power plant in the world. It is built mainly with American capital, and its chief purpose is to operate wood pulp mills. In other words, the manufacture of wood pulp for American paper makers by Americans and with American capital is fast moving into the Dominion on account of the exhaustion of American spruce.

In the nature of things the wood pulp business cannot be permanent here, and while it lasts it needs no protection from foreign competition because its exports are now creating alarm in all the wood pulp paper countries in the world. The exports of printing paper, which is practically all wood pulp paper, in the last three calendar years have been as follows:

	Pounds.
1899	94,637,748
1900	115,895,861
1901	114,540,609

In the fiscal year 1900 the distribution of the greater part of our exports of printing paper was as follows:

	Pounds.
British Australia	49,064,182
United Kingdom	30,934,471
Other Europe	833,419
Japan	4,577,654
Quebec, Ontario and Manitoba	3,539,547
South America	2,553,391

These figures show that American paper manufacturers can meet competition anywhere in the world. The greater part of the exports go to the British Empire, where the opportunities of the Canadian manufacturers to meet our competition are as good as they can be anywhere. In Great Britain, and also in Australia, our manufacturers meet the competition of Swedish manufacturers. There is a considerable importation of wood pulp, but this is due to the fact that not enough wood pulp is made in this country to meet the domestic and export demand for printing paper, and if the manufacture were accelerated it would simply hasten the time when the last spruce tree in the country would be used in a pulp mill.

None of the customary reasons for maintaining a protective duty are available in justifying this duty on wood pulp and the corresponding duties on print paper. The paper manufacturers can meet foreign competition now, and with the removal of the duty on pulp they could bear a reduction of the paper duty with no change in their relative position. The greatest effect a removal of the duty on pulp could have on its manufacture would be to make it last longer by retarding the destruction of the spruce forests. The interests benefited by maintaining the pulp duty are very limited, very prosperous and there is the minimum of competition between them.

To the newspapers of the United States the removal of the pulp duty and the proportionate reduction of the duty on paper are of vital importance. The trust raised the price of paper as soon as it was organized. The exhaustion of the spruce forest will inevitably advance the price of paper even if combination is unable to do it. The prices of newspapers being in even cents they cannot be raised in proportion to an increase in the price of paper, and to raise the price a cent, doubling the price of the cheapest ones, would cut down their business enormously. The cheap newspaper and book are one of the features of

American life; they cannot be continued without the free use of Canadian spruce and pulp, and the request of the American Newspaper Publishers' Association for free pulp and a reduced duty on paper can be granted without a recent meeting of that body, bearing upon the subjects as well as free traders ask for this.

The feeling in favour of absolutely free trade between Canada and the United States is fast gaining ground among writers across the border. A recent letter from Washington reads:

Our trade policy for Cuba and the Philippines has to be disposed of at the earliest possible moment, because we have undertaken to substitute good government for misrule in those countries, and good government means practical measures for the commercial and industrial development of those countries and for the educational advancement of the peoples. Men may argue the matter "till the cows come home," but the fact remains that when we extended our protection to the tropical islands released from Spanish misrule we shouldered much of the weight of "the white man's burden." The responsibility is upon us; and if there is involved the passing of the Dingley tariff the enforced change in economic policy has to be accepted and our trade principles have to change to those conforming to freer trade.

The country as a whole is probably willing to try a fall with the world in home and foreign markets, but the House and Senate, influenced by political exigencies, will of course make it apparent that they have to yield to public sentiment in favour of freer trade.

That with our undertaking to provide the Cubans and Filipinos with good government there is involved a breaking away from our high protective policy there can be little doubt. We cannot lower the tariff for the Cubans and the Filipinos and then expect to hold in check the demands of the Southern and Western States for freer trade with the Latin-American republics; or the demands of the New England States, the cities along the northern boundary and the Pacific Coast for freer trade with Canada; or the demands of New York city, the headquarters of the capitalists of the country, for freer trade with the world. The House and Senate are well seized of the situation. Under cover of giving good government to the Cubans and Filipinos is the opportunity to permit the lowering of the barriers to freer trade with all nations.

With the trade question with Cuba and the Philippines disposed of the House and Senate cannot too quickly give earnest attention to the matter of fairer trade relations with Canada, our third best customer. The possibilities to us of the Canadian market are greater than those in any other country; but to assure ourselves of this market it has become very necessary to give fairer trade treatment. The longer we delay the greater will be the concessions required from us; for Canada is now bounding forward under the spur of a great influx of American capital and enterprise, and has commenced to fatten upon the rapid development of her own unlimited resources, even as we fatten upon the development of our great Western territory. Already Canada has publicly declared that she will no longer ask us for better trade relations; we must now make our offer to her. If we want to hold our trade with Canada we must act promptly. If we are willing to see our trade with Canada decline we have only to continue our present policy towards that country. To-day three-fourths of the Canadians are yet in favour of freer trade with the United States; next year three-fourths of the Canadians may oppose freer trade with the

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As supplied for Glasgow Trams to work at 6,500 volts. Victoria Embankment and Westminster Bridge, 48,000 yards Armoured Cable. Blackpool Tramway Extensions. Salford Lighting Extensions. Glasgow Lighting Extensions, Triple Armoured Concentrics. Wrexham Town Lighting. Heywood Town Lighting. Southampton Tramway Service. Brighton Tramway Service. Bury Lighting. Cape of Good Hope Government Telegraphs. War Office. L. & N. W. Railway. Great Northern Railway. L. & S. W. Railway. North British Railway. Liverpool Overhead Railway. Rainhill (3 miles, mostly 1 sq. inch.) Winwick.

"Impregnable" Paper Cables. Lead Covered up to 3½ in. Vulcanised Bitumen Cables without Lead Covering. Vulcanised Rubber Cables. Flexibles, D.C.C., I.R. Wires. N. Rubber Tape. Pure Rubber Tape Jointing Tape. Rubber Goods for Electrical Purposes. Steel Ropes. Bare Copper. Patent Trolley Wire. "DIA'S VULCANIZED BITUMEN CABLES—No risk of electrolysis as in lead covered cables, do not decentralise"

ANNUAL CONTRACT FOR:

**Exeter, Shoreditch, Sunderland, Hammersmith, Great
Central Ry., Hampstead, Stepney & West Hartlepool.**

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

United States unless the concessions secured are extraordinary.

The trade of Canada for the seven months since June 30th last is \$253,700,000, as against \$235,100,000 for the corresponding months of the previous year, an increase of \$18,600,000. If this increase be maintained the trade of the year will be \$416,000,000, as against \$239,000,000 in the previous year. It is a remarkable fact that the Canadian trade is now \$106,000,000 more than that of the United States in 1850, when the population of the United States was more than four times that of the present population of Canada; and that trade is nearly equal to that of Great Britain in 1830. The exports for the seven months rank as follows: Animals and their products, \$41,700,000; the mine, \$23,400,000; the forest, \$21,000,000; agriculture, \$20,000,000; manufactures, \$10,300,000; the fisheries, \$9,900,000.

In an article upon Canada's destiny, a Canadian paper recently said:—"The American has stepped in where the Englishman has been afraid to tread, and the result is a degree of commercial and industrial activity that has hardly been equalled heretofore, and from which our own people are reaping the largest benefits. It is a significant circumstance that some of the great concerns that have been brought into being here by our neighbours are coming under Canadian control, and the American interest may soon be entirely eliminated. We refuse to believe that in getting Americans to take so large a share in the development of this country we are merely paving the way for a generation to come that will parcel out our provinces as States of the Union. Rather will we share the view attributed to one of the shrewdest and ablest of American men, the late Secretary Seward, and expressed as follows: 'Having its Atlantic seaport at Halifax, and

its Pacific depot near Vancouver Island, British America would inevitably draw to it the commerce of Europe, Asia and the United States. Thus, from a mere colonial dependency it would assume a controlling rank in the world. To her other nations would be tributary, and in vain would the United States attempt to be her rival.'"

It is not by any means a "close secret that notwithstanding all our advantages in the way of raw material, but few of our paper companies have been over-successful. The passing of dividends is not uncommon by even some of the largest manufacturers, and still fewer have escaped close calls at one period or another of their career. With U.S. news paper offered at less than two cents, laid down here (contract price), it is difficult to see how great prosperity can be attained without some radical changes. The managing president of the great U.S. combine, Mr. Hugh Chisholm, once a book and newsdealer in a small way in Canada, receives to-day in New York a salary of \$50,000 a year, a sum that would go a long way toward paying the salaries of all the officials of any of the largest mills in Canada. Ability and strong will-power should always form a portion of the ingredients necessary in the paper manufacturing business, and in most others. Let our mill proprietors look out for a man worth \$50,000 a year.

AMERICAN VERSUS ENGLISH MACHINERY IN CHINA.

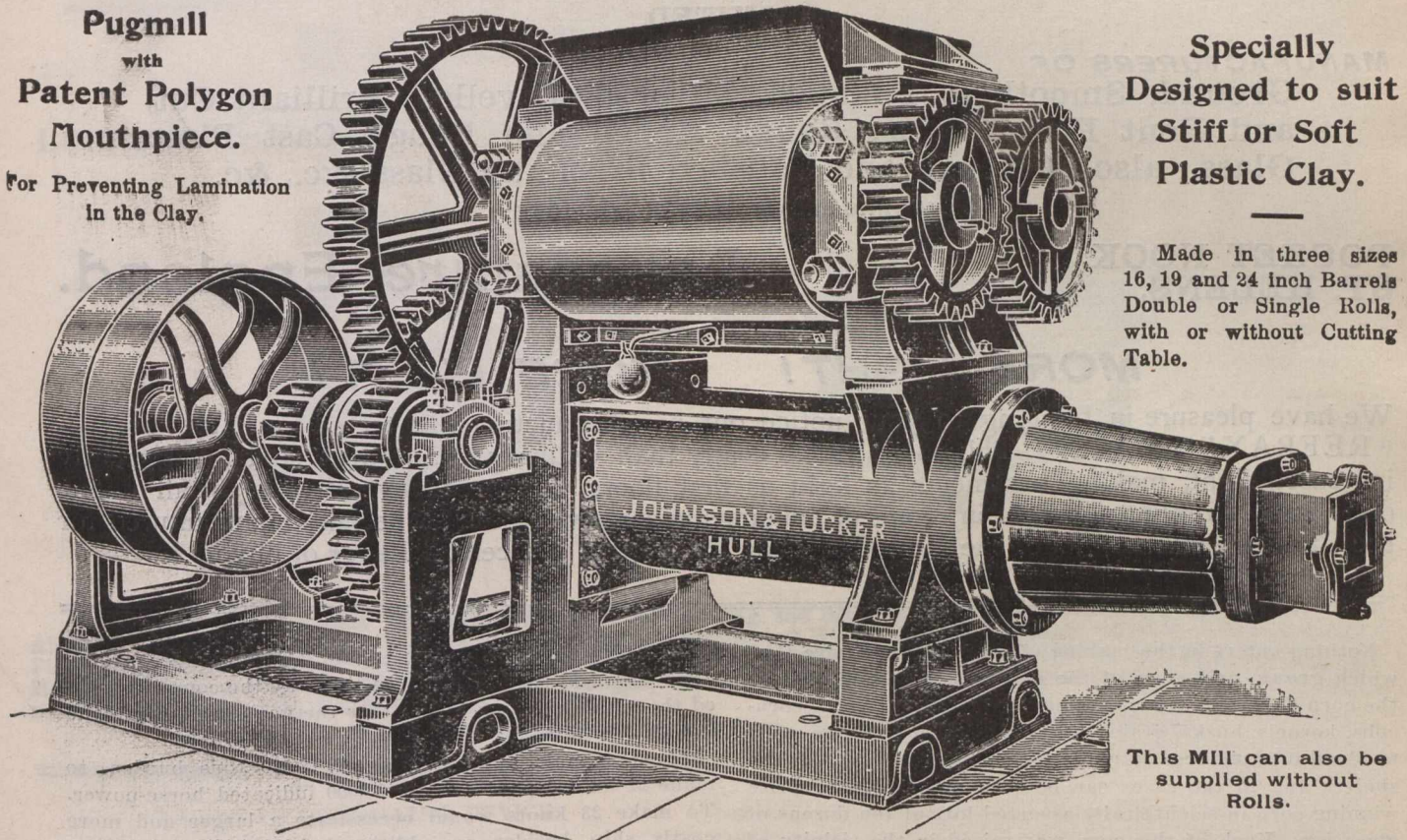
Apropos of the frequent announcements going the rounds of the newspaper press,—anent the capture of machinery orders by American firms, in markets which the British manufacturer had previously dominated (certain identical reports being frequently repeated "ad nauseam" in the same journals in different forms), it is refreshing to get a glimpse of the other side of the question, and to find

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Wilmington,
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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.

that one, at least, of the representatives of our chief staple industry requires not the admonition to "wake up."

An old established firm of English flour mill engineers have secured the contract for the supply and erection of a large flour mill on the most modern system in North China. More than one firm of American makers were competing for the work, and, although they claimed to produce by their process better qualities and higher percentages of flour, the English firm in question was able to satisfy the buyers as to the superiority of their machinery, and its ability to produce qualities and percentages equal, or superior to, the Americans.

This English house takes the contract at a price below any of the American houses, and has undertaken to ship the whole plant in ten weeks from date of acceptance of order. The firm in question is Messrs. E. R. & F. Turner, Limited, of Ipswich, who, some months since, shipped a similar complete flour mill to China, the order for which was also secured in competition with America.

CANADIANS AT THE TOP.

It appears that there must be something in the climate of the North, whether the clearness and crispness of the air, the purity of its crystal streams, or the sturdy and lofty character of its timber, that helps as an inspiration to many of those who first saw the light of day amid its numerous lakes and far-famed landscapes. So many of Canada's ambitious sons have crossed the border within the past few decades and hewed out palatial homes, while competing with the native born whose shrewdness and clearness of intellect are pretty generally admitted, that we are not surprised on finding as we read foreign news, whether of the extreme east, south or west, to find one or more of Canadian birth among the representative people of their respective States when anything of national importance is under way.

In the following reference to the Illinois exhibit at Charleston, South Carolina, U.S., published in a recent number of the News and Courier of that city, the W. C. Foley,

whose name appears as one of the Illinois State Commissioners, is president of the Foley & Williams Mfg. Co., of Chicago, Cincinnati, and London, Eng., and is well known throughout Western Ontario, having been born near Hamilton.

"One of the leading and most attractive features in the Cotton Palace at the Exposition is the Illinois agricultural exhibit. The booth is a veritable bower of decorative beauty and should be seen to be appreciated.

The object desired in the installation of this exhibit was to make it attractive to the visitor and at the same time call his attention to the farming resources of the State, also to show the many uses corn is put to other than feeding cattle, making hominy and poor whiskey. The walls of the booth are panelled off in exquisite designs, bearing inscriptions (worked in corn, grain, grasses and seeds) setting forth the facts that: "Illinois produces annually 284,000,000 bushels corn. Illinois consumes annually 216,000,000 bushels corn." An Illinois corn consumer occupies a conspicuous panel and must be seen to be understood.

Scrolls, decorative post, pillars, bowls, and horns of plenty, etc., go to make up the other decorations. Suspended on the walls of the booth are two grain pictures representing the pioneer and modern farmer. These pictures are companion pieces and 10 by 12 feet in size. The one represents and sets forth the vicissitudes of early pioneer farming in the now most prosperous and best corn raising belt in the world. In the distance can be seen the farmer, with his yoke of oxen and old-fashioned plough, breaking prairie land preparatory to planting his first crop. His good wife is also seen in the picture, near the newly-built shanty, hoeing in the garden, and if one looks close he can see even the child near the fence helping the mother.

The other picture represents the home of the prosperous Illinois farmer of to-day and things are different. There is his house, a large and commodious frame building, a big red barn, wind mill and outbuildings, in the foreground a pasture, with horses and cows; in the distance grain fields and orchards. Last, but not least, since it is the central figure of the picture, is the farmer's daughter—stylishly dressed—just starting for town in an up-to-date two wheeled trap, drawn by a high stepping roadster.

Telegraphic Address: "UNION," St. Helens.

Established 1837.

Union Plate Glass Company,

LIMITED,

MANUFACTURERS OF

Ground, Smoothed, Polished, Silvered, Bevelled, Brilliant Cut, and Bent Plate Glass; Rough Rolled and Rough Cast Plate Glass; also of Rough and Polished Prismatic Glass, &c., &c.

WORKS and REGISTERED OFFICES:

POCKET NOOK,
ST. HELENS,

Lancashire, England.

MORE LIGHT! MORE LIGHT!

We have pleasure in bringing to your notice our new production (protected by Patent Act)—"REFRAX" GLASS. This Glass is less costly than ordinary Plate Glass and gives greatly increased light, making basements as light as first floors. It is equally valuable for all floors, doubling or trebling the light in rooms of buildings in narrow streets. Specially manufactured for the Canadian market, under the New Canadian Tariff, 33 $\frac{1}{3}$ per cent. in favor of buyers.

Nothing enters in the making of these pictures save that which grows, and most of the material is the product of the corn field, and one would hardly think that corn, corn-cobs, kernels, husks, grain, grasses and seed could be made to blend into pictures so realistic and interesting. On the shelves and in the cases can be seen many ears of prize winning corn in scientifically assorted lots of ten dozens of glass jars. Much of this corn was raised in the vicinity of Peoria, and exhibited there at the Corn Carnival, which is held every fall. Of the railroads of Illinois those centring at Peoria, fourteen, offer prizes for the best corn raised within five miles of their respective lines, and in this way stimulating the agricultural industry and advancing the interest of the corn-grower and increasing the yield per acre.

Illinois apples received thirty-four prizes at Buffalo, and the exhibit of apples made in the Cotton Palace here is well worthy of attention. Illinois apples received twenty-four prizes, which included fifteen first prizes and one grand prize, at the Paris Exposition. Illinois is especially noted for the excellent quality of its apples of such varieties as Grimes Golden and Jonathan, and of the excellent keeping and marketing qualities of such varieties as Willow and Ben Davis. All of these, as well as many others, reach their highest perfection grown in Illinois soil.

The State of Illinois appropriated \$25,000 for a building and exhibit at Charleston. The Illinois building is a handsome two-storey "Colonial residence," and is one of the most admired of State and city buildings on the grounds. The commission is composed as follows: Frederick H. Smith, president; Frank T. Kuhl, vice-president; Hector Durants, secretary. Commissioners: Frederick H. Smith, Frank T. Kuhl, Wm. C. Foley, Thomas Tippit, John H. Uppendahl, J. S. Brown, Arthur J. Dunbar, J. W. Stanton, special commissioner.

COST OF RAPID OCEAN SERVICE.

The contemplation of 23 to 25 knots Atlantic passenger vessels would not involve so much serious thought were it not for the heavy additional expense involved, not so much in the equipping but in fuel. Engineering says that the Cunard Steamship Company is with characteristic caution considering the question of 24-knot ocean liners in all its bearings. Hitherto the company has merely asked three firms, Vickers, Sons and Maxim, of Barrow, the Fairfield Shipbuilding Company, of the Clyde, and Messrs. Brown, to submit three alternative designs for a vessel 700 feet long, and with speeds of 24, 23, and 18 knots an hour, along with

an estimate of the first cost and information regarding crew and coal expenditure. In this way the company, raised the whole question of whether the game was worth the candle.

The Campania and Lucania, of 12,500 tons burden, to make 22 knots speed develop 28,000 indicated horse-power. To make 23 knots would necessitate a larger and more costly ship, besides an additional 8,000 indicated horse-power; while to make 24 knots it is estimated that a ship would require 48,000 indicated horse-power. It would thus come about that to add two nautical miles to the hourly speed would mean an additional 290 tons of coal to be consumed daily. This would mean a consumption of 750 tons per day, or 1.3 tons per mile steamed.

It is pointed out that an 18-knot steamship would consume less than half this amount of coal per day, while the expenditure on wages and engineering would be correspondingly lessened. It remarks, furthermore, that such a vessel could profitably carry a large cargo, as her machinery would require only half the weight and space of the swifter vessels. It does not pay to take a cargo at high speed.

On the other hand, there is the opportunity of securing higher passenger rates. Many American insist on travelling on fast ships. There is also the factor of larger Admiralty subventions made justifiable by the ships being an addition to the resources of the country in time of war. It is stated that in consequence of the efforts of the American syndicate controlling the Dominion Line of steamers to capture the Boston trade, the Cunard Line has decided to build a new ship to strengthen its traffic with that port.

MR. R. S. LOGAN.

Mr. R. S. Logan, formerly assistant to Mr. Chas. M. Hays in the general management of the Grand Trunk Railway System, has been re-appointed to a similar position with that gentleman whose title is now Second Vice-President and General Manager. With a free hand henceforth the immense property of the shareholders is certain to render a good account of itself under the restored management, and it goes without saying that the shareholders, and little less the people of Canada, are to be congratulated on being able to secure again men of such ability and force of will as Mr. Hays and those he has chosen to assist him in his gigantic undertaking to establish the Grand Trunk, our great pioneer railway system, on a paying basis for shareholders and officers as well as for the great army of men engaged upon it throughout.

Butterworth & Dickinson,

A. I. and

A. B. C.

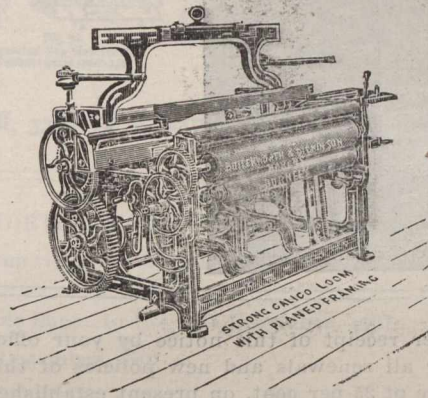
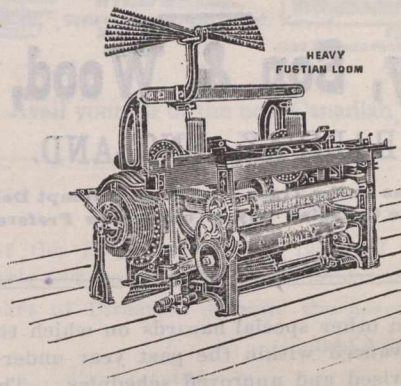
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TELEGRAPHIC
ADDRESS:

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Globe and Saunder Bank Iron Works,
Burnley, England.

Makers of all kinds of

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

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

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

VALUABLE LIFE-SAVING DEVICE.

The Paris Fire Department has adopted an apparatus for purifying vitiated air. The invention has been successfully tested before the Prefect of Police and physicians of the faculty of medicine. It is expected to be of great service in cases of fires, gas escapes and explosions. It is also claimed for it that it will be valuable in submarine navigation, with respect to which tests are to be made at Brest and Cherbourg by the naval architects.

The Oxygen Regenerator, as the appliance is called, weighs but five pounds. It is based upon the principle that the continuous reaction of sodium bi-oxide and water will liberate oxygen and render respirable atmosphere which otherwise could not be breathed by any living being. A clock-work device drops, at regular intervals, pieces of sodium bi-oxide into a water section of an aluminum ventilator.

A fireman intending to enter an inclosure containing poisonous air, puts on a diver's dress and carries his Oxygen Regenerator, connected with his helmet by two rubber tubes. The apparatus carries 150 grains of sodium bi-oxide, sufficient to supply oxygen for his breathing for one hour. Dalthagard and Desgres, the inventors, when the apparatus was undergoing a test recently, remained for thirty-three minutes in an atmosphere completely saturated with sulphurous acid gas fumes. Prominent scientists, naval officers and mining engineers, who witnessed the tests enthusiastically endorsed the invention as a practical working appliance, and expressed the opinion that it was the most important life-saving device adopted by the department for many years.

FIRE INSURANCE RATES.

The million dollar fire on the New York docks last Tuesday morning will probably assist in showing those whose rates are being advanced 25 per cent. that even with that additional income some of the companies may find difficulty in balancing their year's business on the right side. A Chicago report of the 15th instant, reads:

Rate advances are attracting the attention of the entire fire underwriting fraternity in the Western field and sectional and local newspapers have as well been discussing the question from a business standpoint, and consequently

logically and non-partisan. Many offices issued their circulars to-day, the several reproduced below being representative. The Continental issued an independent notice to agents to-day which also appears below, and it is stated that non-union companies are to take like action.

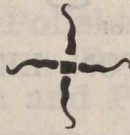
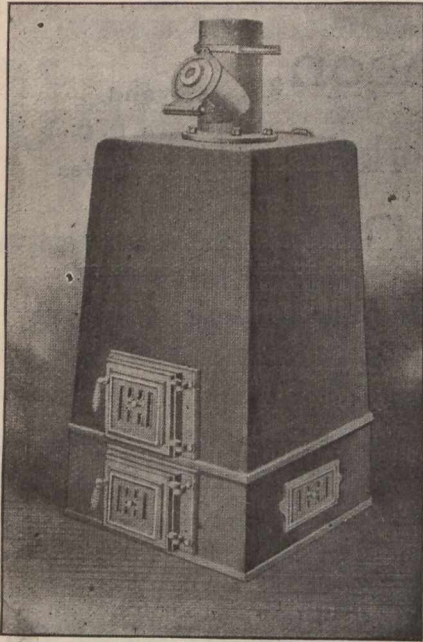
The circular of the manager of the Manchester, as chairman of the Governing Committee of the Union, of necessity attracts the most attention, because of the leading position he took in making the increase effective. It reads as follows:

"You are doubtless well aware that the business of fire insurance has been prosecuted at a loss for the last three years, and the outlook for 1902 is more discouraging than any of the three preceding years. The companies must have more money for their policies, or else it is only a question of time when a great many of them will be obliged to retire from the business. The public does not want such a condition, as it would mean an exorbitant increase in the rates if the competition were reduced largely by the retirement of any great number of companies.

"The writer is an advocate of schedule rating, but there are times, such as this, when an emergency exists, and it is absolutely necessary that a flat advance be made on those classes which have proved unprofitable to the companies. We are obliged, therefore, to request that beginning with March 17, you will increase the rate of premium 25 per cent. on policies you may write in the Manchester, whether renewals or new risks, covering the following classes:

"Mercantile stocks in all buildings, except such as are occupied as dwellings above the grade floor. All frame store buildings. All manufacturing risks and other special hazards, to include cold storage risks, mill lumber yards, and grain elevators, except where such risks have been rated under Union schedules within one year. These increased rates will maintain until the risks can and have been re-rated under Union schedule. Risks which are equipped with an approved standard sprinkler system will not be included in this advance. This instruction is imperative, and you will please govern yourself strictly thereby in issuing Manchester policies. It is suggested that the agents in your town will take the matter up in local board meeting and make effective this 25 per cent. advance on the risks coming within the designated classes. When filing for the daily report kindly give the established rate and show the 25 per cent. increase."

The manager of the Sun Insurance Office in his circular



Telegrams :—"Lumby, Halifax, Eng."

BOILERS

FOR ALL PURPOSES.

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

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

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

says: "On and after receipt of this notice by your office we will require for all renewals and new policies of this company an advance of 25 per cent. on present established rates, except where the property submitted for insurance has been rated under approved schedules within the past twelve months. This advance of 25 per cent. to maintain on said risks until approved rating schedules are applied and equitable rates or estimates determined.

"The following property is not included under this advance, and may be written as heretofore at existing rates, viz.:-

"1.—Apartment houses. 2.—Buildings and contents, when occupied for dwellings above the grade floor. 3.—Brick buildings not occupied for purposes classed specially hazardous. 4.—City, county and State institutions. 5.—Churches and contents. 6.—Dwellings and contents. 7.—Schools. 8.—Sprinkled risks having an approved standard equipment. The necessity for this advance in rates must be apparent to you and your customers, the heavy fire losses of the past three years having made their impress upon the insuring public as well as upon the coffers of the insurance companies, which coffers have been depleted over thirty-three and one half million dollars during 1899, 1900 and 1901, that amount being an excess of loss and expenses over earned premiums."

The following is a copy of the circular to-day sent to agents of the London & Lancashire and Orient in the West by the manager: "The excessive losses of the past few years and the disastrous fires during the early part of this year have brought the business of fire insurance to such an unsatisfactory and unprofitable condition that we are compelled, as a measure of relief, to advance our rates on certain risks which have contributed most largely to this result. Therefore, without entering into any agreement with our associates we desire you to advance our rates 25 per cent. on stocks in all buildings except such as are occupied as dwellings above the grade floor, and on frame store buildings and on all manufacturing risks and special hazards (excepting sprinkled risks) which have not been rated under schedule within one year. This advance to be maintained until such risks are re-rated under schedule. We desire the advance to take effect the 17th instant. We will esteem it a favor if you will let the advance show on your daily report so that we may more readily check it. The necessity for this increase in rates must be so apparent to you that we feel no further comment need be made."

The Continental's letter of instructions, issued over the signature of General Manager George E. Kline, of the Western Department reads as follows: "In view of the enormous fire waste in the past two years the Continental has determined, individually without regard to the action of other companies, to require higher rates on certain classes of business, and in future please obtain an advance of 25 per cent. above the rates which we have heretofore asked on the following classes of risks: 1.—All stocks of merchandise. 2.—All frame store buildings. 3.—All manufactur-

ing risks and other special hazards on which the rate has not been advanced within the past year under the application of revised and approved schedules. This advance not to apply to risks equipped with an approved standard sprinkler system. We feel sure that you realize the necessity of this action on our part and that you will give us your cheerful and loyal co-operation."

Each general agency in Atlanta and the Liverpool & London & Globe will give instructions to New Orleans agents to restore immediately the rates given in hand-book dated July 18, 1900, except those applying to buildings occupied exclusively as dwellings and boarding houses, and contents thereof, and in addition to collect 25 per cent. advance over said rates on all stocks of merchandise, on all frame store buildings and on all manufacturing risks or other special hazards not equipped with an approved system of automatic sprinklers, this 25 per cent. increase not to apply to cotton, coffee and sugar in warehouses when stored without other goods, but the book rates will apply.

—Grand Trunk Railway System—Earnings 8th to 14th March, 1902, \$599,153; 1901, \$577,914; increase, \$21,239.

—The Canadian Northern Railway has reduced its tariff on soft wood lumber between Port Arthur, Ont., and western points.

—It is announced that the liquidators of the Ville Marie Bank will shortly be able to pay the depositors a third dividend of 5 per cent.

—The ratepayers of Grimsby, Ont., voted recently on a by-law to grant a bonus of \$2,500 to the Grimsby Agricultural Works. It was carried by a vote of 140 to 32.

—No further aid will be given this year for the encouragement of the beet sugar industry beyond the extension for one year of the period during which machinery and structural iron may be imported free of duty.

—The site for the postal sub-office to be established in West Toronto, is at the southeast corner of Queen and Abell streets, a little east of the subway. The lot has a frontage of 107 feet 6 inches on Queen street, and 130 feet on Abell street. The price asked is \$55.75 a foot, making a total of \$6,000 for the lot.

—The name of the Mutual Reserve Fund Life Association is likely to be somewhat altered ere long. Many great companies bear names that are awkward to pronounce and tedious to write, taking more than one line of an ordinary envelope. Others' names do not now accurately describe the companies that bear them.

VENTILATORS & SMOKE CURES

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

"Acme" Mechanical Ventilator. SPHERICAL VENTILATORS.

Fig. 1. Acme Patent Concealed Ridge Ventilator Outlet. **Fig. 2.—As fixed. Side View.** 66 YEARS' EXPERIENCE. Tests and comparison invited. Made to any design.

Fig. 4. ACME LOUVRES for Walls, Gables, Roofs, etc.

Fig. 10. ACME Door and Partition Louvre Ventilator.

Fig. 33. By Electricity, Water, Gas, Steam, Hand or Horse Power.

Fig. 34. Venetian Dry Wall Louvre. Various sizes from 1 ft.

Wave Proof. Snow Proof. No Goods GENUINE without Any Size or Pattern for the TRADE MARK Affixed. Buildings, Drains, etc.

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ACME VENTILATING & HEATING CO., LIVERPOOL, ENGLAND.

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

"ACME" SHINNEY COWL, in Steel, Copper and Terra-Cotta. Readily swept. Overruns Downright. 2 ft. to 3 ft. Suitable for all Conditions and Situations.

Avail yourself of the new Canadian Preferential Tariff, 33 1/3 off in favour of British Manufactures.

THE BANK OF BRITISH NORTH AMERICA.

Report of the Directors of The Bank of British North America, Presented to the Proprietors at their Sixty-Sixth Yearly General Meeting, on Tuesday, March 4th, 1902.

The Court of Directors submits the accompanying Balance Sheet to the 31st December, 1901:

BALANCE SHEET, 31st December, 1901.

Dr.	£	s.	d.	£	s.	d.	Cr.	£	s.	d.	£	s.	d.
To Capital				1,000,000	0	0	By Cash and Specie at Bankers and in Hand	717,953	14	0			
20,000 Shares of £50 each fully paid.							By Cash at Call and Short Notice	1,591,815	15	6			
To reserve fund				365,000	0	0					2,309,769	9	6
To Deposits and Current Accounts				3,151,128	10	0	By Investments—						
To Notes in Circulation . .				501,139	18	2	Consols £200,000 @ 90 . .	£180,000	0	0			
To Bills Payable and other Liabilities, including Provision for Contingencies				2,659,971	4	2	National War Loan £50,000 @ 90	45,000	0	0			
To Rebate Account				15,007	14	6	Exchequer Bonds £25,000	24,546	17	6			
To Liabilities on endorsements	£450,289	11	2					249,546	17	6			
							Other Securities	244,249	4	1			
To Profit and Loss Account—											493,796	1	7
Balance brought forward from 29th June, 1901 . .	40,662	4	5				By Bills Receivable, Loans on Security, and other Accounts				4,801,000	8	0
Dividend paid October, 1901	30,000	0	0				By Bank Premises, &c., in London, and at the Branches				120,140	7	10
	10,662	4	5										
Net profit for the half-year ending this date, after deducting all current charges, and providing for bad and doubtful debts	38,451	8	1										
	49,113	12	6										
Deduct:													
Transferred to Reserve Fund	£15,000	0	0										
Transferred to Officers' Widows' and Orphans' Fund	186	12	0										
Transferred to Officers' Life Insurance Fund . .	364	12	11										
Transferred to Officers' Pension Fund	1,103	7	6										
	16,654	12	5										
Balance available for April Dividend				32,459	0	1							
				£7,724,706	6	11					£7,724,706	6	11

NOTE.—The latest monthly Returns received from Dawson City and Atlin, are those of the 30th November, 1901, and the figures of those Returns are introduced into this Account. The balance of the transactions for December with those Branches has been carried to a suspense Account, pending the receipt of the December Accounts.

We have examined the above Balance Sheet with the Books in London, and the Certified Returns from the Branches, and find it to present a true statement of the Bank's affairs.

EDWIN WATERHOUSE,
GEORGE SNEATH,
Auditors,
Of the Firm of
Price, Waterhouse & Co.,
Chartered Accountants.

London, 20th February, 1902.

ESTABLISHED 1848.

M. WOODWARD & SONS, Ltd.,

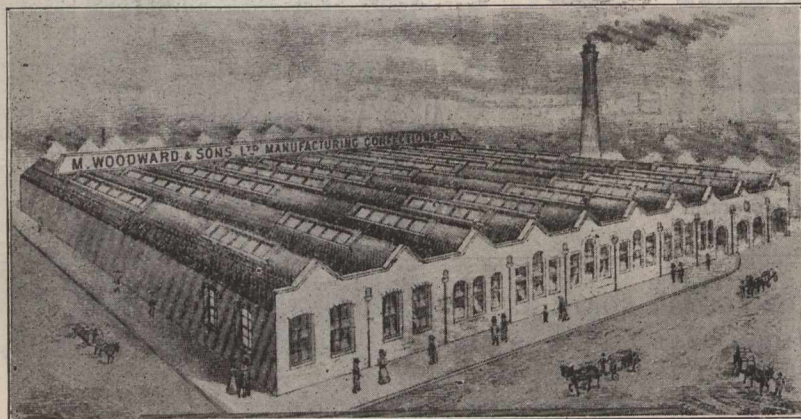
WHOLESALE & EXPORT**Manufacturing
Confectioners,**

Manufactory and Office :

Wavertree, - Liverpool, Eng.

Telegraphic Address: "TOXTETH, Liverpool."

Telephone 44, Wavertree.



The 66th yearly general meeting of this bank was held on Tuesday, March 4th, 1902, at the office of the corporation, No. 5, Gracechurch Street, E.C., Mr. E. A. Hoare presiding.

The Secretary (Mr. A. G. Wallis) having read the notice convening the meeting,

The Chairman said: Before reading the notes which I have prepared respecting the business of the bank during the year 1901, I desire to welcome you to our new premises. When we last met a year ago in Clement's Lane I had the pleasure of showing these new offices to some of you who were then present; but they were at that time in a very incomplete condition, and it was difficult then to form an idea of how they would finally turn out. I hope, however, that you will take this opportunity of inspecting them, and I trust that the result will be that you will be as well satisfied as we are ourselves; for since we have been located here we have found the offices to be in every way most convenient. We have secured a long lease, which does not expire until the year 1963, so that the present generation of shareholders and directors need not fear any further disturbance in their time. We have entered into an agreement for the sale of the lease of our old premises in Clement's Lane, and the matter is at present in the hands of the bank's solicitors, and will no doubt shortly be completed. The price realised for the lease, which is lower than we expected, will then appear in reduction of the premises' account in the next half-yearly balance-sheet. I will now proceed to make some comments upon the report and accounts for the half-year ended December 31st, 1901, and for the purposes of comparison I will take the figures of the corresponding half-year in 1900. The reserve fund at the end of 1900 stood at £350,000. We have now added to it £15,000, making a present total of £365,000. Respecting this item in the accounts, I shall have something more to say later on. Deposits and current accounts show an increase of £27,000; notes in circulation an increase of £8,000. Bills payable show the considerable increase of £674,000. The net profit for the half-year shows a decrease of £19,000, which has been a great disappointment to us, for this decrease has been occasioned by a serious loss in a most unexpected quarter, to which I shall refer later on when I again mention the reserve fund. Then follow three appropriations for the benefit of the staff, which I am confident will, as usual, meet with your generous approval. On the other side of the account the cash and specie show a decrease of £87,000, while on the other hand cash at call and short notice show an increase of £586,000. Here I may point out that the cash in hand is in the proportion of 39 per cent. to our liabilities payable on demand; while the cash in hand, at call and at short notice together largely exceed the total of our demand liabilities. This is a thor-

oughly strong and sound position. Under the heading of investments our Consols and National War Loan remain unchanged; but we have added to our list of British Government securities £25,000 Exchequer bonds, thus bringing the total to a quarter of a million sterling. As you are aware, our Consols have for several years past been written down to 90—a figure which at one time was regarded as almost quixotic. There was, however, a short period during last year when it appeared not unlikely that we might be called upon to write them down to a still lower figure, but happily that time of deep depression has passed away, and there has since been a moderate recovery. In the other securities there is an increase of £185,000 compared with 1900. This increase consists of provincial and municipal bonds within the Dominion of Canada, and the valuations on December 31st show that they are worth more than the figure at which they stand in the books. Bills receivable show an increase of £4,000, and premises' account is £3,000 more, the increase being made up of the balance of our expenditure upon these new premises. The total liabilities show an increase of £715,000. You will notice from the front page of the report that we have closed our office at Sydney, Cape Breton. After giving the place a fair trial we did not find the results sufficiently satisfactory to encourage us in remaining there. During the year 1901 the Dominion of Canada reached the highest mark in her progress hitherto attained, compared with ten years ago her exports have doubled, having increased from \$98,000,000 to \$196,000,000; while her imports have grown from \$119,000,000 to \$190,000,000. The public deposits in the banks now exceed \$400,000,000. These figures are evidence of great prosperity, and we are inclined to hope that the year upon which we have now entered may establish another record; for, as I have remarked on a previous occasion, the mainspring of Canada's prosperity is in the harvest, and the harvest of last season was extremely bountiful. The Government statement shows that the harvest in Manitoba amounted to no less than 85,000,000 bushels of grain, of which 50,000,000 bushels were wheat; and another Government estimate puts the total value of the products from the farms in Manitoba last year at \$40,000,000, exclusive of the revenue derived from the sale of stock, hay or root crops, which has not been included in the Government calculations. Not only was the grain crop so large, but it was garnered in good condition, and is realising a good price; and, although we must not conclude that the large sum of \$40,000,000 has already gone into the pockets of the farmers (for there is no doubt that immense quantities of grain are still in the hands of producers, owing to the impossibility of obtaining transport to the coast), nevertheless this splendid harvest cannot fail to have an extremely beneficial effect; not only upon the farmers themselves, but upon all classes of the com-

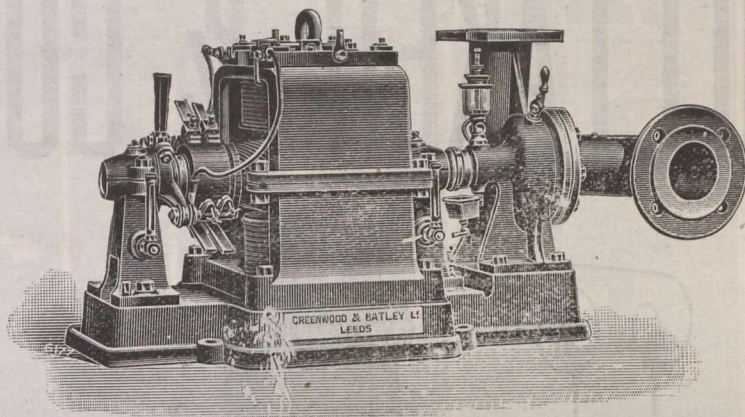
Machines in use, 2402

HP. 71,786.

Made from 1½ to 300 HP.

The De Laval Patent Steam Turbines. Turbine Dynamamos. Turbine Pumps & Fans.

Agents for Australasia:
JAMES BARTRAM & SON, Melbourne.



No. 6711. ELECTRIC MOTORPUMP. TYPE A. M. P. 2.

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

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

SOLE SELLING AGENTS:

Greenwood & Batley, Ltd.,

ALBION WORKS, LEEDS, Eng.

To whom all Communications should be Addressed,

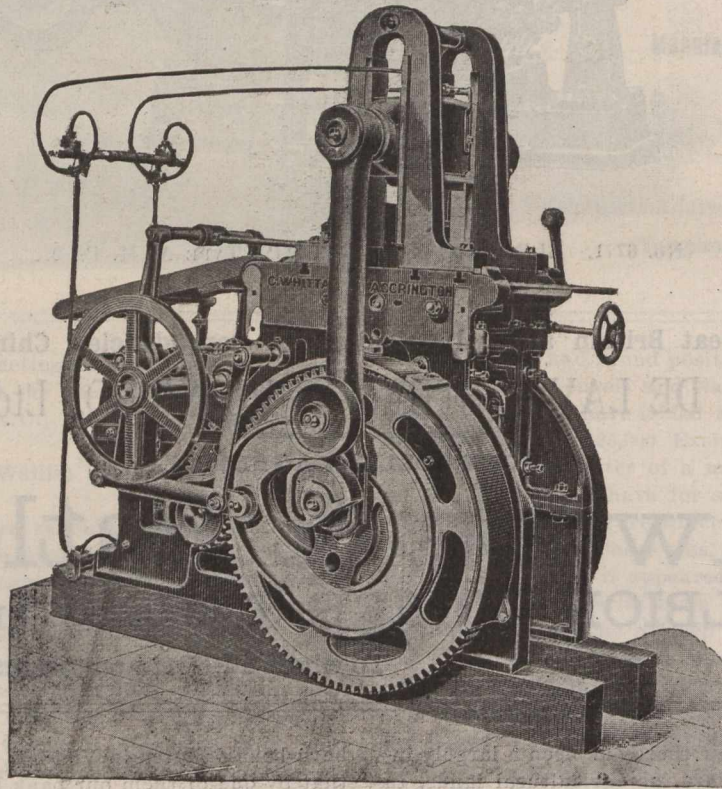
munity. During the past year there has been a largely increased demand by real settlers for agricultural lands. In 1901 the Canadian Pacific Railway sold 830,000 acres, compared with 416,000 acres in 1900. The Canada North-West Land Company disposed of 121,000 acres, compared with 71,000 acres in the preceding year, and we are informed that the demand has by no means been satisfied by these large sales, but that there is still a continuous stream of settlers to the agricultural lands. The traffic receipts of the Canadian Pacific Railway are also remarkable. In 1901 the aggregate gross earnings from July 1st to the end of December exceeded those of the preceding year by \$3,613,000, and the aggregate net profits by \$1,651,000. Passing on to British Columbia, we learn, from a statement issued by the Minister of Mines, that, notwithstanding serious labour troubles in the Rossland and Kootenay districts and notwithstanding a fall of 30 per cent. in the price of copper, the mineral production of the province showed an increase of 25 per cent. over the previous year. The output of the chief metals being as follows: Gold, \$5,600,000; silver, \$2,600,000; copper, \$5,000,000; lead, \$2,000,000, and coal, \$4,500,000. As you are aware, we have branches at Rossland and at Kaslo; and now that the labour troubles are at an end and that more economical production and treatment may reasonably be expected, we hope that notwithstanding the vicissitudes which are inevitable in mining districts, those branches may have a prosperous future. On the Pacific coast of British Columbia the salmon pack has been the largest on record, and there has been a real broadening out in the lumber trade of the Province; but the conditions of trade generally, and especially in Victoria, have not been so favourable as elsewhere in Canada. It is difficult to assign a reason for this exceptional state of things—some are of opinion that it is owing to political unrest, while others think that the gold discoveries at Dawson led to an inflation at these points, from the after effects of which they are now suffering. Whatever may be the cause, there

have been failures in Victoria, and I deeply regret to say that by one of them our bank has sustained a serious loss, one of our oldest customers having been compelled to make an assignment. The person to whom I refer has been long resident in Victoria, and has always been regarded most highly amongst the commercial community. He has throughout dealt with the bank with apparent frankness, and has submitted to the bank statements respecting his affairs which are now proved to have been absolutely fictitious. When the assignment was made, it was found that for ten years past the books of account had not been properly kept, and it has been necessary for the assignee to bring in a considerable staff of book-keepers in the hope of being able ultimately to unravel the tangled state of his affairs. When speaking about the accounts, I said that I should refer again to the diminished profits for the half-year and to the smaller appropriation to the reserve fund. This loss is the reason for both these disappointing results. Had it not been for this loss our profits would have equalled those of the corresponding period, and the amount transferred to the reserve fund would have been £25,000, instead of £15,000. Under the circumstances which I have described to you—circumstances which demand and are receiving the closest investigation—it is impossible to say what our ultimate loss may prove to be; but it will at least be a satisfaction to you, if there can be any satisfaction in such a wretched tale, to know that whatever the loss may be it is fully provided for, and you need be under no apprehension so far as this account is concerned that there is any further disappointment in store for you. I wish that I could speak more hopefully respecting business in Victoria generally, but at the present time there is no doubt a feeling of uneasiness in that place and on the Pacific Coast. I have spoken to you about one failure because we have only suffered by that one, but there have been others, and we know how contagious this state of things becomes. I can only assure you that we are well and strongly represented at that point by a manager who

..Clay-working Machinery..

Manufactured by

C. WHITTAKER & CO., LTD.



Dowry Street
Iron Works,

ACCRINGTON Lancashire, England.

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

is exerting himself to the utmost to safeguard the interests of the bank, and in whom we have complete confidence. Proceeding northwards to Dawson City, it will interest you to know that we have done a considerable business in the export of gold, and that our general banking business is satisfactory. The Government estimate of the amount of gold shipped from Dawson during the year is \$23,000,000; but our Dawson City manager, who is now at home on vacation, tells me that he thinks these figures exceed the actual total, that there has been an inaccuracy in the figures issued by the department. That, however, is not important to us now; we are not so much concerned with the amount of gold that has been brought out as we are with the amount which is left in, and upon which alone the future prosperity of Dawson City depends. As to the future life of the goldfields, I notice that the opinions of experts who have visited the place and made their observations on the spot differ widely, and you will not, therefore, expect any opinion at all from me. I will only say this, that we do not expect to see any increase in the output, and that if the exports of gold continue upon the present scale we shall be content. Last summer our general manager, Mr. Stikeman, visited this country, and, although he was only here on furlough and not upon the business of the bank, we had the great advantage of many interviews with him, which were most valuable to us. I do not think that I have any further observations to offer upon the report and accounts, and I therefore beg to move that they be adopted, adding that I shall be happy to reply to the best of my ability to any inquiries which you may wish to put to me.

Mr. Henry R. Farrer seconded the motion, which was then put and carried unanimously.

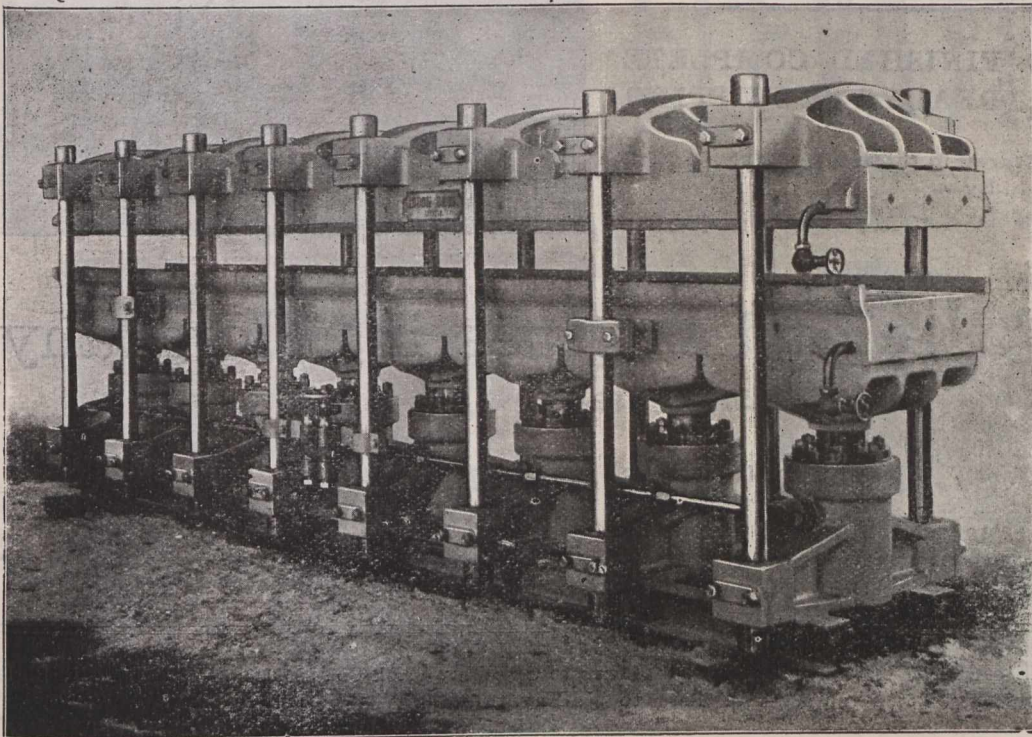
The retiring directors—Messrs. F. Lubbock, H. R. Farrer and E. A. Hoare—were unanimously re-elected, and Mr. Edwin Waterhouse and Mr. George Sneath were reappointed auditors.

An extraordinary general meeting was then held, Mr. Hoare again presiding, at which Mr. Maurice Glyn was elected a director.

DAIRY PRODUCE.

A private London circular, date 7th inst., treating of the dairy produce situation, says: Butter.—Although the weather possesses few, if any, characteristics of winter, it is also deficient in the balmy and genial traits of spring. Cloud and gloom with fog have been very much in evidence of late. The demand for Australian butter is over, and the Ormuz, the last vessel for the season has arrived. With New Zealand the case is different. Vessels from that colony will bring butter for the next two or three months. During the past week New Zealand butter has not been in such request as it was; but this is true of all butters. Retailers are naturally anxious not to follow the high prices prevailing, hoping for a fall in values, but it looks very much as if they would be disappointed, for though there is a temporary dullness there is not enough best quality butter outside of New Zealand to meet the consumptive demand. Denmark and the Continent will be unable to sup-

IDDON BROTHERS



SPECIAL NOTE: Buyers of Rubber Machinery, have 33 $\frac{1}{4}$ p.c. in their favor by purchasing from the Makers and Inventors in England under the new Canadian Preferential Tariff.

INDIA RUBBER ENGINEERS.

Brookfield Iron
Works,

LEYLAND,
nr. 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.

ply future requirements. Choicest New Zealand remains at 110s to 112s, although some weak holders have been offering at 108s. Finest grade maintains its late value of 104s to 108s. The scarcity of butter to meet the shilling retail demand continues and prices of this class of butter keep firm at late rates.

The Copenhagen Official Quotation has been reduced four kroner, and now stands at 96 kroner the same price as last year at this date. There appears to have been a panicky feeling in the Northern markets of England this week, and this has caused the Danes to lower the quotation, thus bringing the value of Danish butter for the second time this season almost on a par with New Zealand. The fall in Danish will be only temporary, and will not affect New Zealand. The total arrivals of butter from all sources for the nine weeks of the present year, exceeds those of last year by 19,139 cwts., though the arrivals since 1st February are 3,877 cwts. less than last year, and this shortage will increase week by week all through March. Unless an early spring arrives, butter must remain dear. Danish supplies will not increase before the cows go out to grass in May. Cheese.—There is a better demand for choicest quality Canadian, and prices have advanced a good shilling in the week to 53s, the present value. Finest brings 50s to 52s, and is in better request than choicest. New Zealanders are scarce and are worth 51s to 52s. Corresponding week, 1901, choicest Canadian was quoted at 50s to 51s and finest at 46s to 47s.

LEGAL RECORD.

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

WRITS ISSUED—ONTARIO.

Copper Cliff—L. Kupnicki, vs D. L. McKinnon, \$2,500 dam-

ages; Gordonville—W. B. Hamilton Shoe Co. vs Jesse Lehman, \$316; Ottawa—J. E. Lapointe vs A. P. Mutchmor, as assignee, \$1,250; H. Robillard & Son vs Robt. Ross, \$845; Molsons Bank vs N. C. Sparks, \$20,000; Molsons Bank vs N. C. Sparks and W. H. Fligg, \$11,412; Sidney Tp.—G. Taugher vs M. Taugher, \$1,051; Toronto—Soo Lumber Co. vs W. J. Hill and W. J. Hill & Co., \$996; Dominion Paving & Construction Co. vs G. P. Magann, \$2,299; Trenton—W. D. Ketcheson vs Wm. Nolan, \$500 damages; Kagawong—S. Greenshields, Sons & Co. vs Jesse Lehman, \$1,489; Oshawa—Fleming, Wigle & Rodd vs Herbt. Hellesbacher et al, \$486; Ottawa—Draper & Maynard Co. vs N. C. Sparks, \$406; Pembroke—G. & A. Taylor vs J. Stewart, \$1,275; St Joseph—A. B. Corriveau vs N. M. Cantin, \$1,019; Streetsville—T. Long vs J. F. Switzer and John Graydon, \$5,015; Toronto—Molsons Bank vs J. M. & L. F. Adamson, \$18,101; J. McNaught vs R. Dennis & Sons, Ltd., \$5,000 damages; C. S. Nesbitt vs Philip Jamieson, \$10,000 damages; Ella McConnell et al vs Merchants Fire Ins. Co., \$475.

WRITS ISSUED—MANITOBA & N.W.T.

High Bluff—Geo. McKee, \$604

JUDGMENTS RENDERED—ONTARIO.

Kingston—R. J. McDowall agt Sydney and Harriet Chapman, \$342; Picton—A. H. Brewer agt R. W. Matthews, \$736; Tobermory—Sterling Bros. agt R. & D. Gillies, \$434; Wingham—Ontario Powder Co. agt Crown Point Mining Co., \$356; Montreal—E. D. Smith agt J. Beaulieu, \$323; Kingston—R. M. Graham agt Jos. Browett and wife, \$313; Ottawa—D. J. Driscoll agt J. C. Grant et al, \$926; Toronto—F. Floyd agt S. T. Floyd, \$731; G. McLeod agt D. J. Howell, \$1,198; W. H. B. Aikins agt L. C. Macklin, \$434.

JUDGMENTS RENDERED—QUEBEC.

Anderson Corners—Ames, Holden Co. agt Earl Anderson, \$378; Montreal—City of Montreal agt Hy. Hamilton, \$3,874; J. Paquette agt C. A. Lavigne, \$2,348; C. H. J. Moore agt Wm. McMaster et al, \$250; City of Montreal agt Dme. Alice McShane, \$1,134; J. Archambault agt Emile Niquet, \$900; J. Hope agt Union Brew. Co. et al, \$15,000; F. X. Cantin agt N. Commire, \$352; T. West et al agt Amos Cowan, \$226; St. Louis Bonsecours—F. X. Craig agt J. C. Blanchard, \$327.

JUDGMENTS RENDERED—NOVA SCOTIA.

North Sydney—Sydney Coal Co., Ltd., \$1,919.

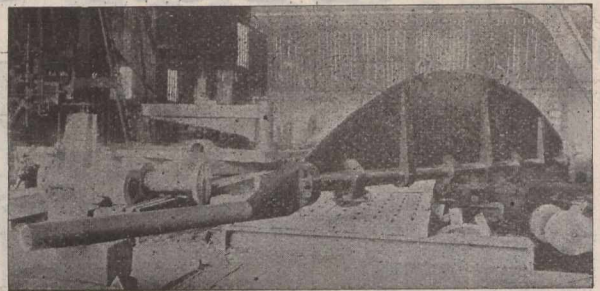
JUDGMENTS RENDERED—P.E.I.

Charlottetown—W. J. O'Reilly, \$317.

Single Plated Built Rudder

**FINISHED COMPLETE
READY FOR SHIPPING**

Manufactured in 6 Days
....By....



THE

Fownes Forge and Engineering Company, LIMITED.

ST. BEDE WORKS, TYNE DOCK,

South Shields, Eng.

REPAIRS A SPECIALITY.

JUDGMENTS RENDERED—MANITOBA & N.W.T.

Prince Albert—G. W. Lacroix, \$325; Winnipeg—W. T. Grant, \$318.

EXECUTIONS—QUEBEC.

Montreal—G. R. Lighthall agt J. Byrne, \$458; St. Mars & Cherrier agt G. Lapointe et al, \$248; St. Henri—L. Girard et al agt J. B. Ritchot et al, \$547; Montreal—J. N. Dupuis agt L. A. Caron, \$293; A. H. B. McKenzie agt De. S. Dewitt, 187; S. Gagnon agt L. Meilleur, \$356; A. T. Lawrence agt E. M. Robb, \$221.

CHATTEL MORTGAGES—ONTARIO.

Brockville—M. J. Kehoe to W. H. Comstock, \$2,500; Arcona—H. N. Smith to G. Rutherford et al, \$550; Cache Bay—E. D. Jessup to M. E. Young, \$1,000; Collingwood—Hy. Dixon to Amelia Dixon et al, \$1,200; Chatham—John Pratt and Alla Armstrong to J. W. Steinhoff et al, \$5,000; Galt—Jaffray Bros. to Exrs of G. Jaffray, \$3,825; Havelock—Chas. Ashley to J. Linton, \$899; Kingston Tp.—Jas. McRaw and wife to J. B. Walkem, \$2,300; London—Jacob Obernesser to Carling B. & M. Co., \$2,514; Murchison Tp.—Richard Conway to Annie Horgatt, \$600; Orangeville—Wm. Robertson to Lewis Waugh & Co., \$1,163; Ottawa—N. A. Thahab to E. Karam, \$600; Romney Tp.—Cathe. and Jos. Hopkins to F. A. Robert, \$602; Strathroy—John Field to R. J. Stothers, \$775; Sudbury—J. Bidgood & Co. to A. Elliott & Co., \$800; Warner—L. N. Gervais to Parent Bros., \$576; Beamsville—Margaret and Peter Dressel to J. Gompf, \$1,508; Collingwood—G. A. Smith to C. Radmore, \$800; Gwillimbury E. Tp.—C. D. Willson to E. Willson, \$848; Hamilton—Susan Feaver to J. Gompf, \$2,660; Harwich Tp.—Misses L. and H. L. Blake to G. R. Clark, \$5,000; Kingston—Geo. Jenman to J. S. Henderson, \$600; Niagara—T. C. Dingnan to Taylor & Bate, \$678; North Orillia—W. D. and G. H. Smith, to C. McPherson, \$3,500; Ottawa—C. D. Kerr to A. Jamieson, \$1,500; Pickering Tp.—J. & J. R. Murkar to J. Field, \$600; Picton—Hepburn & Thorn to E. J. Healey, \$3,801; G. W. Waggott, J. E. Clapp and G. F. Hepburn to E. J. Healey, \$3,801; Pittsburgh Tp.—W. H. Rea et al to J. L. Thorne, \$635; Rama Tp.—H. G. Harper, to J. B. Tudhope, \$1,062; Uxbridge—Chinn & Ker to S. Kennedy, \$2,020; Wellington—W. H. Leavitt et al to Minnie Dorland, \$670.

CHATTEL MORTGAGES—MANITOBA & N.W.T.

Lumsden—W. T. Balfour, \$1,320; Burrows & Balfour, \$3,300.

CHATTEL MORTGAGES—BRITISH COLUMBIA.

Whitewater—F. C. Niven, \$2,000.

BILLS OF SALE—ONTARIO.

Alexandria—Geo. Hearnden to M. McRae, \$1,579; Galt—Robert Ferrah to A. M. Edwards, \$9,600; North Bay—F. Axworthy to Lake Bros., \$643; Hamilton—Hy. Daniels to T. Condon, \$5,500; Rat Portage—Edmison & Laidlaw to Martin, Bole & Wynne Co., \$1,231; Toronto Junction—Wm.

Pears to Ont. Pav. Brick Co., \$25,000; Yonge Tp.—J. Bigley to W. May, \$843.

BILLS OF SALE—MANITOBA & N.W.T.

Rosthern—W. B. Bashford, \$1,000.

BILLS OF SALE—BRITISH COLUMBIA.

Vancouver—Union Logging Co., Ltd., \$1,400.

BILLS OF SALE—NEW BRUNSWICK.

Edmunston—F. X. Carrier \$700.

BILLS OF SALE—NOVA SCOTIA.

Digby—Estate of J. F. Saunders, \$3,000.

—The undivided profits of the Bank of Montreal have now reached the sum of \$876,531.64. The correcting figures reached us too late to appear in their proper place this week.

—Judge Britton, in the Non-Jury Assizes, at Toronto, the other day, gave judgment in favor of the plaintiff in the case in which the widow of the late W. D. Tawse wanted the assignment of her husband's insurance in the Commercial Travellers' Association, to Seguin, Tahme & Co., of Quebec, set aside. Deceased had been in the employ of the Quebec concern, and owed \$1,649.45 to them. The insurance amounted to \$750.

—A serious business embarrassment is reported from British Columbia. F. Irving & Co., who have been doing a large dry goods and clothing business at Nelson, B.C., held a meeting of their creditors in Toronto, at which a statement was presented, showing liabilities of \$45,000. The assets were nominally \$60,000, consisting of stock, and book debts. An offer of 70 cents in the dollar, on time, was made, and accepted by the creditors, most of whom are Toronto houses.

—A London cable of the 14th inst., states that at the fur sales which are almost finished, there has been a great demand for fine furs at prices from 20 to 100 per cent. higher than at the last sales. The supply is scarcer. Sables are a prime favorite, indicating that these will be the most fashionable for next season. The Hudson's Bay variety was fifty and the Russian variety 100 per cent. higher. The sensation of the sale was the purchase by Hugo Jaceckel, of New York, of a black silver fox skin for £460. This is the first time such a skin has been captured by an American. They usually go to Russia or Paris. Several fox skins have been sold for £250 each.

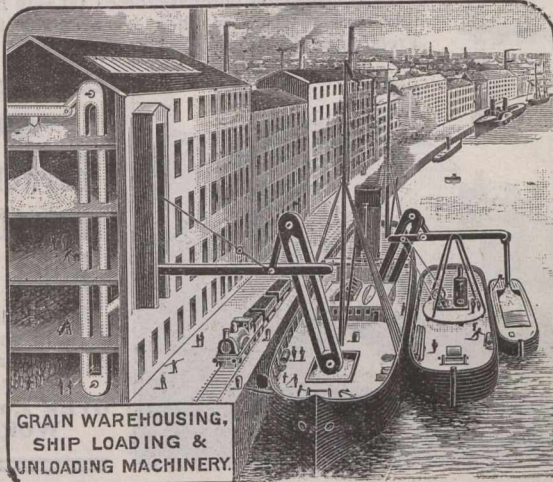
—Estimates of the revenue and expenditure of the province of Nova Scotia for the twelve months ending 30th September, 1902, show the probable revenue from all sources

Contractors to H. M. GOVERNMENT.

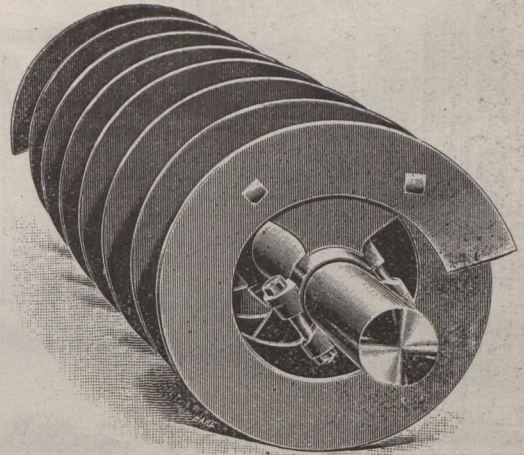
Telegrams: "CONVEYOR, ACCRINGTON."

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.

at \$1,052,106, and the expenditure, \$1,047,920, leaving a probable surplus of between six and seven thousand dollars. The principal item of revenue is royalty on coal, etc., from which the Government expects to obtain \$475,000. The expenditure on roads and bridges will be \$109,690, but a special grant of \$35,000 for smaller bridges will also be given. The Government has decided to abandon the policy of building smaller bridges of concrete and steel. This special grant will be devoted to building substantial wooden structures.

—A New York dispatch of the 18th instant reads: Railroads of the North-West that run from Manitoba and other Canadian provinces into the United States expect to be greatly benefited by a change in the law admitting Canadian wheat to the United State free of duty. It was said yesterday that Canadian wheat growers are anxious for the change, as they would not then be dependent upon the Canadian Pacific road, but could send their wheat by any of the other roads. Millers of Minneapolis and Duluth are anxious to see Canadian wheat admitted free, and the ele-

vator people of the Northwest are now working to that end. Wheat growers of Minnesota and the two Dakotas are more interested in the movement than any one else, as their wheat is without a market abroad so long as the cheap Manitoba wheat is obtainable. Minneapolis millers have bonded one of the large mills there, and Canadian wheat is to be ground into flour in bond and sent to Europe and the Continent.

—A report has reached the Department of Agriculture to the effect that the City of Glasgow is about to pass a by-law making compulsory a microscopical examination of all meat of animals imported from Canada for food purposes. A similar law is now enforced by the United States with respect to British and other foreign meats. The firm sending the report to the department states that should such a law be enforced in Glasgow it will greatly injure and hinder the progress of their trade, and they ask that steps be taken to prevent such action. Mr. Fisher has communicated with Glasgow in order to ascertain the exact situation, and, if possible, he will endeavor to have any such steps prevented.

—From the continual cares of business one is apt to turn with relief to such reports as the following, received from that solid little centre of industrial activity, Galt, Ont.:—The business men of Galt, on the evening of the 17th inst., tendered Mr. D. Hughes Charles, lately transferred to the managership of the Bank of Commerce at Peterborough, a smoking concert in Fraser Hall, which was crowded with representative citizens, and with prominent men from the district. Mr. Charles was presented with an address, expressive of the high appreciation of his business and social qualities, and the regret the town felt at saying farewell to him and his family. Accompanying the address, which was read by Mr. F. S. Jarvis, manager of the Merchants' Bank, was a gold watch and chain, suitably engraved, which was presented by Mr. George Goldie. Mr. Hughes Charles made a feeling reply. Addresses were afterwards made by Robert Scott, Robert Ferrah, Jeffrey Hale, Brantford; Dr. Vardon, Stewart Scott, Mayor Hawk, Wm. Cowan and the chairman, J. M. Irwin. An interesting musical programme was also rendered and several hours were spent in social intercourse.

Telegraphic Address: "STANDARD WIRE, SOWERBY BRIDGE."

The STANDARD WIRE COMPANY, Limited,

MANUFACTURERS OF

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

SOWERBY BRIDGE,
ENGLAND,

ALSO AT
DARLINGTON.

—Appeals against fines through the enforcing of the Fruit Marks' Act will at least result in giving more publi-

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

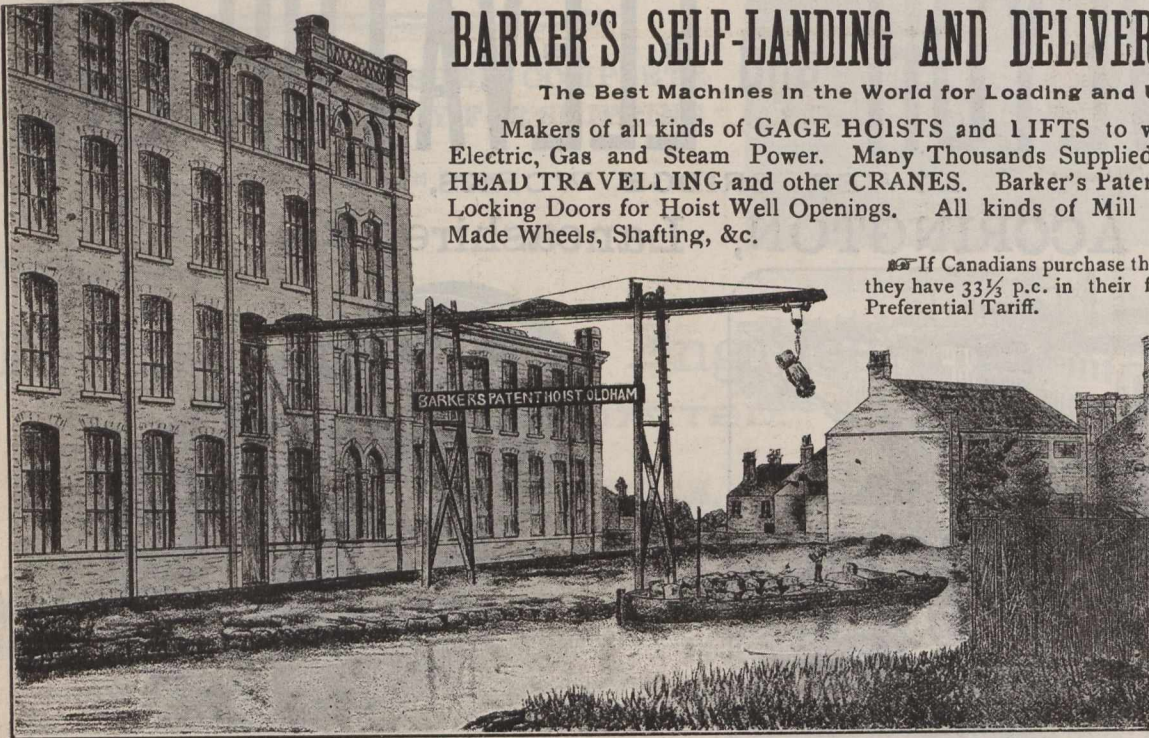
Original Inventors, Patentees and Sole Makers of

BARKER'S SELF-LANDING AND DELIVERING HOISTS

The Best Machines in the World for Loading and Unloading Goods

Makers of all kinds of GAGE HOISTS and LIFTS to work by Hydraulic, Electric, Gas and Steam Power. Many Thousands Supplied. Also of OVER-HEAD 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.

If Canadians purchase these Cranes in England, they have 33½ p.c. in their favour under the new Preferential Tariff.



**Barker's
Patent
Hoist.**

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

**OVER 2,000 AT
WORK.**

city to its redeeming features. A Toronto letter states that Mr. Eben James, fruit merchant, entered an appeal against the fine imposed recently by Magistrate Denison for infringing the Fruit Marks' Act passed last year. He points out that ten barrels of the apples in question were held in storage, and were not being offered for sale. The other eight barrels, he claims, had been overfaced but were rebranded at the other end, and the original brand scraped off, making the branded end, or what apple men understand as a faced end, considerably inferior to the opposite end. Magistrate Denison held that either end of the barrel was the face, but this, Mr. James says, is never admitted by apple dealers. With regard to the ten barrels held in storage, Mr. James holds that until they were offered for sale they were not liable to fine. If the magistrate's ruling is upheld any large grower packing his fruit for storage in the orchard, and intending to subsequently repack for export, might be held liable to a fine of \$1 per barrel on the entire pack. In many seasons 100,000 barrels are stored in Canada, and in the haste to get them under cover are packed in a hurry, and should Col. Denison's decision hold, the business would be a dangerous one.

—Advices from Winnipeg say the Canadian Northern has in preparation a tariff of merchandise rates from Port Arthur, its Lake Superior terminal, to Manitoba points. In rate in cents per 100 pounds to Winnipeg will be: Class one, 93; two, 77; three, 62; four, 47; five, 42; six, 35; seven, 26; eight, 26; nine, 35; ten, 21, subject to the Canadian joint freight classification. The company will also put in effect the following carload commodity rates from Port Arthur to Winnipeg. Joiners' work, 25 cents per 100 pounds; oil, coal, or carbon, benzine, crude petroleum, etc., oil in tank cars, green apples, 35 cents per 100 pounds; dried and evaporated apples, axle grease, binder twine, canned goods, cranberries, common window glass, iron and steel, oils for machine and lubricating purposes, paints of all kinds, building and roofing paper, putty, rice, sugar, and syrup, spirits of turpentine, barbed, fence or telegraph wire, 40 cents per 100 pounds; oranges and lemons, 50 cents per 100 pounds; boots and shoes, 62 cents per 100 pounds. This tariff will take effect April 1. The jobbing trade of Winnipeg will fully understand the effect of these rates on lake and rail business. Corresponding reductions have been made to provincial points.

—The old Clendinneng residence property on Palace (Lagauchetiere) street, at the head of Inspector street—for some years owned and occupied by Hon. J. R. Thibaudeau, sheriff, &c.,—has been sold for the purposes of a factory warehouse, to be erected shortly. The area is about 25,000 square feet; the price paid is 60 cents per foot. The low rate is due to the necessary large excavation. — Across Monique street is the residence of Jas. Wilson, jr., (7 to 8 thousand feet area), which has just been sold for about \$15,000 for the purposes of a day nursery, to which Sir Wm. C. McDonald contributed some \$10,000.

—The erection of a new sanitary ware factory has been begun at Granby, Que. The factory will consist of two buildings, one 140 x 40 and the other one 100 x 30. These will be of bricks and consist of two storeys. It is expected that everything will be

ready to commence manufacturing by 1st July, with about fifty hands.

—Ottawa Clearing House: Week ending 13 March, 1902: Clearings, \$1,786,819; Balances, \$477,147.

FINANCIAL REVIEW.

Montreal, Thursday Ev'g.,

March 20th, 1902.

The financial statement made on the 17th by the Finance Minister, and the criticisms thereof by the leader of the Opposition, bristle with statistics that will bear much graver consideration than they usually receive. Snap verdicts on financial questions of magnitude, that cannot even be understood without experience and study are valueless. It is evident that the revenue has been expanding enormously since the trade depression passed

El Padre Needles

10 Cents.

VARSAITY,

5 Cents.

The Best

~ CIGARS ~

that money, skill, and
nearly half a century's
experience can pro-
duce.

Made and Guaranteed by

S. DAVIS & SONS,

MONTREAL, Que.



"RED HAND"



ROOFING

Foundation Felts.
Inodorous Felts.
Slaters' Felts.

ARE UNEQUALLED



FELTS,

Dry Hair Felts.
Silicate Cotton
Patent Hair Fabric.

THE WORLD OVER

Manufactured by

D. ANDERSON & SON, Ltd.,

Lagan Works, Belfast, IRELAND.

Hand-books with your Specialities, Name and Address, free.

LOYALTY TO THE TRADE IS OUR MOTTO.




away, and it is equally evident that the expenditure both from revenue and from borrowed money has been keeping up an equal rate of expansion. There has been no attempt at saving, no laying by for a rainy day, no devotion of surpluses to reducing debt. There is "a rod in pickle" for somebody over this over-sanguine style of financing, which presumes that trade will keep on improving year by year, that no bad harvests will ever again occur, that spending the revenue is the only function of a government. A syndicate has been formed for \$100,000,000 to retire \$200,000,000 U.S. Steel Corporation 7 per cent. preferred stock, to convert them into 5 per cent. bonds, and provide \$50,000,000 additional capital. The net annual saving is calculated to be \$1,500,000. Each subscriber will have to turn in a certain portion of stock and cash. The syndicate will make a handsome profit out of this singular business, which suggests that in these vast combines there are possibilities never dreamt of by the ordinary investor, and not very creditable to the manipulators. The London market is firmer, a loan by Germany to Russia being likely to take away German money employed in London. Canadian securities were reported strong, owing to the Budget Speech, which is rather a peculiar effect for a statement that considerable borrowing will be done this year. It is not usual for a man's credit to rise because he is spending very largely beyond his income. Consols have dropped to 93 11-16, what for, is a conundrum, as there is nothing to cause the change beyond the fiscal year drawing to a close. The U.S. Senate has passed the Ship Subsidy Bill, a sort of navigation act. It provides that the American mail service shall be conducted by American-built, owned and manned, that American boys be engaged on these ships, who are to be taught seamanship and engineering, which is an excellent idea. Dominion Coal and Dominion Steel continue to rise, but

who is buying at the figures quoted it would be interesting to know. The manipulators are playing a deep game which will be a losing one all round to outsiders. The Legislative Council of Nova Scotia has passed the Dominion Iron and Steel Company's bill, with an amendment to the second clause, providing that any new issue of stock shall be first offered to holders of common shares before being offered to the public. Dominion Coal, common, has been selling at 111 to 119 3/4; Steel, common, 46 1/2 to 47; preferred, 91 1/2 to 93; Montreal Power, 98 1/4 to 99; Montreal Street, 268 to 269, despite a heavy decrease of revenue and increase of expenses in February. Dom. Cotton, 58 to 59 1/4; Pacific, 113 3/8; Molsons Bank, 211; Commerce, 152 3/4; Ottawa, 210; little doing in bank stocks. Mr. Rodolphe Forget paid \$16,500 for a seat on the local Stock Exchange, on 19th instant. Paris, exchange on London, 25f. 16c.; Berlin, 20m. 46 3/4 pf. Call money in New York, 4 1/2 to 5. Local foreign exchange, 60's, 9 3/8; demand, 10. Money remains as last week.

The following is a comparative table of stocks for week ending March 20th, supplied by Chas. Meredith & Co., Stock Brokers, Montreal:

Banks.	Shares sold.	Highst.	Lowst.	Average same date 1901
Montreal	22	258	255 1/4	258
Molsons	100	212	211	197 1/2
Toronto	10	231 1/2	230	236
Merchants	1	148 1/2	148 1/2	157
Hochelaga	63	139 1/4	136	131
Ottawa	7	210	210	.....
Quebec	60	115	115	118
Miscellaneous.				
Can. Pac. Ry.	18210	113 3/4	111 3/8	93 3/4
Do. Rights	3877	3 3/4	3	.....
Duluth pfd.	100	24 1/4	24 1/4	16
Montreal St.	695	271	265	273
Mont. Power	3398	98	95	.....
Toronto St.	1100	119	116	106 3/4
Halifax St.	600	114	107 1/2	89
St. John St.	25	120	120	112
Twin City	1340	115 1/2	114 3/4	72 1/2

Winnipeg Ry.	25	140	140	100
Rich. & Ont.	915	115	110 1/2	109 3/8
R. & O. new	66	110 1/2	109	.....
R. & O. Rights	445	2	2	.....
Com. Cable	25	151	151	165 1/2
Montreal Tel.	4	170	170	168
Bell Tel.	34	167 1/2	167	167
West Indian	75	69	68	.....
Mont. Cotton.	57	126	125	120
Dom. Cotton	915	59 1/2	57	79
Merchts. Cotton.	70	78	78	124
Republic	4000	100	100	30
Payne	200	28	28	43
Virtue	2900	23	20	20
North Star	1400	24 1/2	23	80
Dom. Coal, com4843	121	103 7/8	39	
Do. pref.	15	117 1/2	117 1/2	110
Laur. Pulp Co.	25	99	99	110
Dom. I. & S, com21486	47	39 3/4	37 3/4	
Do. pref.	4258	96 1/2	89 1/2	92
N. S. Steel com.	3248	94 1/2	89 1/4	.....
Do. pref.	60	120	118	.....
Bonds.				
Dom. Coal	2000	111	111	110
Montmey. Cot.	3500	100 1/4	100	.....
Dom. I. & S.	123000	87	85	88

The Sovereign Bank of Canada.

Notice is hereby given that a meeting of the subscribers to the stock of the Sovereign Bank of Canada will be held at No. 14 King Street, West, in the City of Toronto, on Wednesday, the 23rd day of April, 1902, at the hour of twelve o'clock, noon, to determine the day upon which the annual General meeting of the shareholders will be held, and to elect such number of Directors, not less than five nor more than ten, as they may think necessary, to hold office until the annual General meeting in the year next succeeding their election; and also for the further purpose of passing by-laws to regulate the following matters incident to the management and administration of the affairs of the Bank, that is to say:—

The record to be kept of proxies, and the time, within which proxies must be produced and recorded prior to a meeting, in order to entitle the holder to vote thereon;

The quorum of the Board of Directors, which shall not be less than three, their qualification subject to the provisions of the Bank Act;

The method of filling vacancies in the Board of Directors, whenever the same occur, during each year, and the time and proceedings for the election of Directors in case of a failure of any election on the day appointed for it.

D. M. STEWART,

Secretary and General Manager.

By order of the Provisional Board,

YORKSHIRE RELISH

THE MOST DELICIOUS SAUCE IN THE WORLD
 The only Cheap & Good Sauce. Beware of Imitations
 Sold in Bottles 6d, 1/- and 2/- each.

Proprietors, GOODALL, BACKHOUSE & CO., LEEDS.

AGENT FOR CANADA

ENGLAND.

CHAS. GYDE,

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

MONTREAL CLEARING HOUSE.

Clearings. Balances.

For week ending		
March 20, 1902	\$18,616,940	\$2,302,884
Corresponding		
week, 1901	17,316,572	2,234,453
“ 1900.	12,557,178	1,537,450
“ 1899.	15,349,866	2,362,376

BRAZILIAN EXCHANGE.

For week ending March 18th, 1902.

March 12 . . . . .	.12d	
13 . . . . .	.11	27-32d
14 . . . . .	.11 $\frac{7}{8}$ d	
15 . . . . .	.12	1-32d
17 . . . . .	.12	1-32d
18 . . . . .	.12	1-32d

MONTREAL WHOLESALE MARKETS.

Thursday, March 20, 1902.

Regular March weather prevails, so that in so far as seasonable goods are

concerned the season is most favorable. In values but few changes have occurred during the week. Dairy products are higher, cheese being particularly in demand and held at the highest quotations of the season. Hardware trade is brisk with advances shown in prices of bolts and nuts. Harvest tools have also been advanced. Leather is quiet. Turpentine has advanced. Coarse feed stuffs are dearer and in very active demand. Wholesale grocers report trade dull, a majority of retailers appear, they say, to have purchased too heavily in the past season and are now short in re-mitting, as a consequence.

BUTTER.

Trade has been fairly good throughout the week and towards the close there appears to be an increased demand for low grade that can be sold at 12c to 14c. Several orders are to hand from U.S. markets, with some

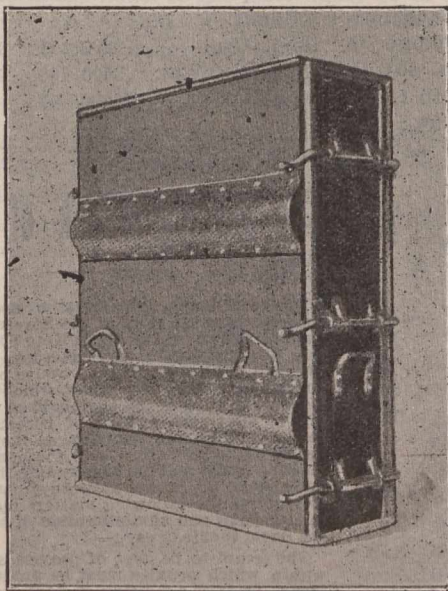
inquiry from Hamburg for better class at 14c to 15c. City trade is good, Choicest creamery is in ready sale at 21c to 22c; finest fall is jobbing at 21 $\frac{1}{2}$ c to 22 $\frac{1}{2}$ c. Winter creamery, off in flavor, is somewhat slow and difficult to sell at 18c to 19c. Rolls are in good request receipts moving out quickly at 17c to 18c. With cold weather better prices would be looked for as stocks here are small.

CHEESE.

There has been considerable more business passing. Export orders are coming more largely. Prices have advanced. Heavy sales of Western are being made up to 11 $\frac{1}{4}$ c. Eastern is dealt in at 10 $\frac{1}{2}$ c to 10 $\frac{3}{4}$ c. Stocks are well under control with two or three of the largest holders, but offerings on the market appear to be somewhat small. Shipments of cheese and butter from Portland and St. John, N.B., for week ending March 15, were:

SOAP FRAMES

PATENTS—No. 5107/98; No. 10862/99.



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

Cable Address: EILLS, Liverpool.

EILLS & COMPANY,

LIVERPOOL, Eng.

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

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

SPECIAL AGENTS FOR

Danish and Irish Butter

IN TINS.

WRITE FOR OUR EXPORT PRICE LIST.

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

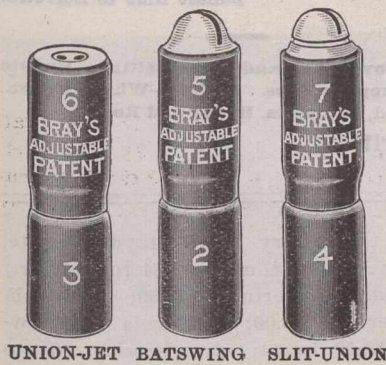
OFFICE:

12 Hanover Street, - LIVERPOOL, Eng.

Special rates to Canadians under the New
Preferential Tariff

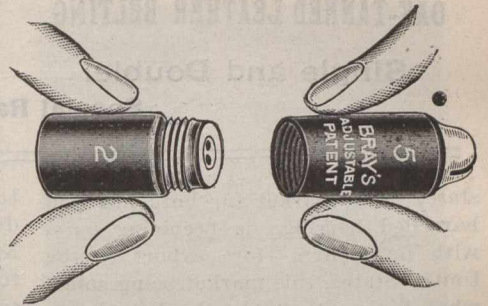
Bray's "Adjustable Special" Gas Burners

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.



SIZES.

	TOPS	Union-Jets BatSwing Slit-Unions	} 3 to 8
	BOTTOMS	Union-Jets	00 to 5



GEO. BRAY & CO. Gas Burner Manufacturers Bagby Works, LEEDS, ENG.

	Cheese.	Butter.
Liverpool....	10,557	506
London	1,814	149
Glasgow	349	...
Manchester .....	...	590
Total	12,720	1,245
Same week, 1901	23,957	87
Since close of navigation, 1901-02	411,753	37,280
Same period, 1900-01	280,743	8,538

DRESSED POULTRY.

All kinds scarce and prices ruling high. Fresh killed turkeys sell readily at 12c to 13c per lb.; chickens, 12½c lb.; fowls, 9c to 10c lb.; geese, 10c lb.; and ducks, 11c to 12c lb.

EGGS.

As generally looked for, the low prices increased the consumption, so

much so that supplies are insufficient for requirements and prices were again forced up. Sales were made during the early part of the week at 14c to 14½c; to-day there is no difficulty in getting 16c to 16½c and the tendency is toward still higher prices.

FISH.

There is a little better demand this week, and as the big term of abstinence from meat commences to-morrow the fish trade must be good for the next ten days. Prices are unchanged. Quotations: Fresh—B. C. salmon, 9c to 10c lb.; Restigouche or Gaspé salmon, frozen, 12c; haddock, 3½c; pike, 4c to 5c; whitefish, 7c; dore or pickerel, 6c to 7c; halibut, 9c to 12c lb.; mackerel, 10c to 12c; smelts, 6c to 7c; frozen herring, large, \$1.75 a

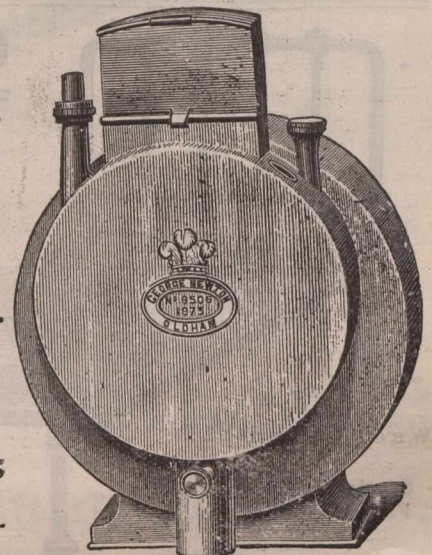
hundred fish; new tom cods, \$2 a barrel. Salt—B.C. salmon, No. 1 \$11.50 to \$12 per barrel; Labrador salmon, No. 1, \$14 per barrel; No. 2, \$11.50 to \$12; half barrels, \$6.50; Loch Fyne herrings, \$1.15 per keg; salt herrings, bbls., \$5.25 to \$5.50; do. half bbls., \$2.75; green cod, No. 1, \$7 to \$7.50; do. No. 2, \$5 to \$5.50; large, \$8.—Smoked herrings, 12c per box; finnan haddies, 6½c to 7c lb.; St. John bloaters, \$1 to \$1.25 per box.—Prepared — Boneless cod, in bricks, 6 cents lb.; boneless fish, loose, in 25-lb. boxes, 4½c; skinless or dressed cod, \$5 per case; dry cod, in cwt., \$4.75 to \$5 cwt. Oysters — Bulk, standards, \$1.50 a gallon, and selects, \$1.70. Private mail advices from Vlaardingen, Holland, referring to the situation on cured herrings

GEORGE NEWTON, LTD.



**GAS METER =
MANUFACTURERS.**

**OLDHAM,
ENGLAND.**



Special quotations under the new Canadian Preferential Tariff.

Established 1857.

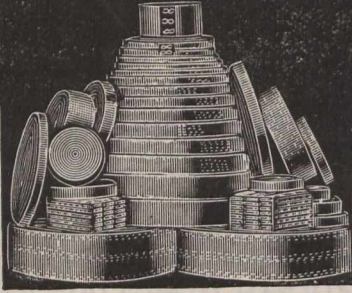
JOHN OLDFIELD & CO.,

THE CITY TANNERY
& LEATHER WORKS,

BRADFORD, - - England.

OAK-TANNED LEATHER BELTING.

Single and Double.

LEATHER BELTINGSINGLE AND DOUBLE
LEATHER BELTINGSPECIALITY
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. LACED—White, Brown (or Oiled,) Helvetia, Horny and Rep.

Special Rates to Canadians under the New Tariff.

state: "The market for both keg and barrelled herrings is becoming bare, with few sellers for export to the United States, this market being somewhat higher than the market there. There is a good outlet for what stock there is here on the Continent, and it is probable that from now out little stock will go forward for export to America."

FLOUR AND FEED.

An active interest has been shown in these staples since last report. Feed has been in exceptionally active demand, and once again millers find themselves face to face with the problem of trying to make 500 tons cover orders aggregating almost double that quantity. Meantime there has been an advance of \$1 in both bran and shorts making present quotations \$19 to \$20 per ton (bulk) for the former and \$21 to \$22 for the latter. A good advertisement for Canadian flour is shown in an order received last week by the Ogilvie Milling Company for 35,000 brls. of their "Hungarian" brand to be shipped to South Africa. What makes this large order more important as regards choice of quality is the fact that the entire amount goes to private customers who selected only after trial samples of various kinds. One-half the amount goes forward at once and the other half a month later, which gives ample time to get this enormous quantity through the mills. Prices of flour are unchanged. Baled hay is firmer owing

to spot supplies being considerably reduced. We quote: No. 1, \$9.50 to \$10; No. 2, \$8.50 to \$9.25; clover mixed, \$7.50 to \$8; and clover, \$7 to \$7.50 per ton, in car lots.

GREEN FRUITS, ETC.

Oranges are dearer, Messina Valencias having advanced 25c to 50c a box. New dates are dearer at 4½c. California celery is in good demand, but it is difficult to quote owing to the large quantity of inferior or softened stock on the market. Best quality, in fresh condition is well sustained in price. Southern strawberries are seen on the market, but they are not occupying the conspicuous place generally allotted to commodities for which the price is scrambling to secure at any price. The berry is too high yet, it must come down. Quotations are: Apples, brls., \$3.50 to \$6.00; Cal. navel oranges, \$3.50 to \$3.75 brl.; Jamaica oranges, \$4.75 brl.; do. in boxes, \$2.75; Florida oranges, \$3.50 per box; Messina Val. oranges, 420s, ordinary, \$4.00 to \$4.50; do., do, 420s, Jumbo, \$5 to \$5.50; Jamaica grape fruit, \$3.50 to \$6 box; lemons, 360s(\$2.50; do. 300s, \$2.50 to \$2.75; bananas, 8-hands, \$1 to \$1.35; No. 1 do., \$1.75 to \$2.25; extras, \$2.50; new figs, mats, 3½c per lb.; do. boxes, 8c to 12c per lb; new dates, 4½c per lb.; nuts, Pecans, extra large, 17c; sweet potatoes, brl., \$5 to \$5.50; small crates of Spanish onions, \$1.10; Cape Cod cranberries, \$7 to \$10; Malaga grapes, per keg, \$5.50 to \$7.50; pines, 15c to 25c each; extra pines, 45c

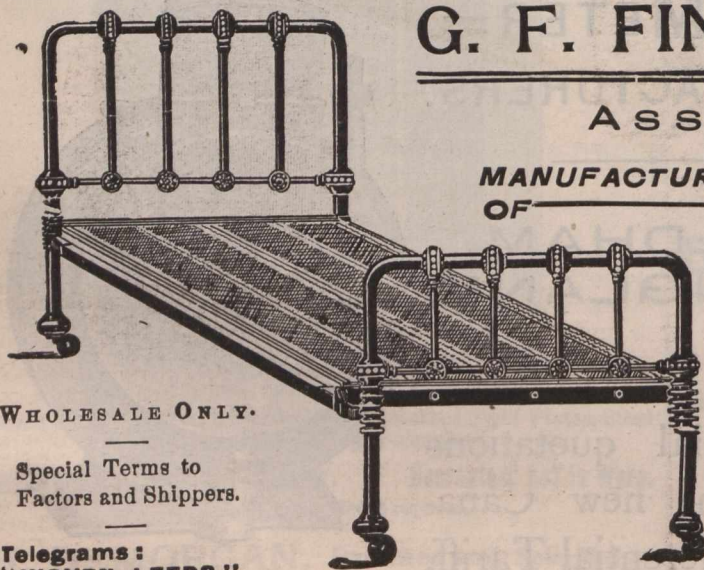
do.; Cal. celery 7 to 12 doz. crate, \$4.50; Florida tomatoes, \$4 to \$4.50 cr.; Florida tangerines, \$3.50; California tangerines, \$3.00; California cauliflowers, \$3.50 to \$4; strawberries, 40c to 45c per box.

GREEN HIDES.

Calfskins are arriving freely, the only noticeable change from the quiet conditions apparent for some time. Quotations hold steady at 7c, 6c and 5c per lb. for Nos. 1, 2 and 3. Calfskins, No. 1, 10c, lb.; No. 2, 8c. New York reported a dull trade in city slaughter hides. Aside from one packer, stocks on hand were light and as there was no attempt to force sales, prices held steady, with native steers at 11½c to 11¾c, butt brands at 11½c and side brands at 11c. Country hides and calfskins were quiet. A dull market was also reported at Chicago for packer hides, with no changes or new features of importance. Offerings continued fairly free, as packers had full stocks on hand; still there was no attempt to force sales and prices held steady on the basis quoted, closing with native steer at 11¾c to 12½c, heavy Texas at 13c, butt brands at 11½c to 11¾c. Colorados at 11¼c to 11½c, heavy native cows, at 9¾c to 10½c, and branded do. at 9½c. Country hides were steady at 8c for No. 1 buffs.

GROCERIES.

Sugars are holding to their recently acquired low level with a tenacity worthy of a more adhesive substance.



WHOLESALE ONLY.

Special Terms to
Factors and Shippers.Telegrams:
"WOVEN, LEEDS."**G. F. FINISTER, Crown Street,
LEEDS, ENG.**

Assembly Works,

MANUFACTURER
OF**BEDSTEADS.**Folders, Chair-Bedsteads, Wire Spring Mattresses,
and Copper^d Diamond Spring Mattresses.**WIRE MESHES FOR MATTRESS MAKERS.**

Angle Irons and Dovetails for Wood Bedsteads.

Special terms to Canadians under the New Preferential Tariff.

Telegrams: "TANNERY, OLDHAM" All Communications must be addressed to Oldham. ESTABLISHED 1840

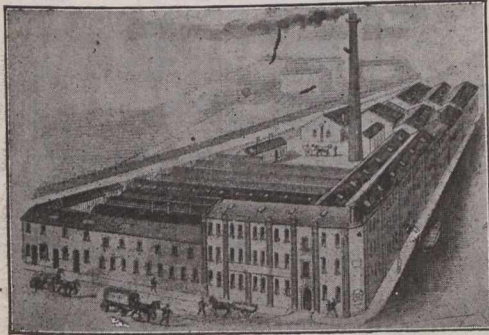
MILLS BROTHERS LTD.,

Registered Office: Lowermoor Leather Works.
OLDHAM. ENGLAND.

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

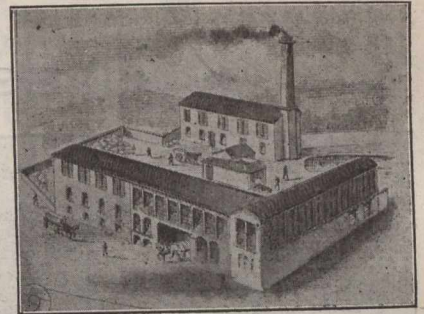
MANUFACTURERS
OF

Oak Tanned and Helvetia Strapping.



Lowermoor Works : Oldham.

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.



Tannery: Blackley.

Leading wholesale grocers here express the opinion that still lower prices may be seen before any reaction takes place and that the latter is quite remote. Standard granulated, \$3.80 f.o.b., Montreal. London cable advices reported a flat and lower mar-

ket for raw beet, prices declining to 6s 3d for March delivery and 6s 3d for April do.; cane was dull and unchanged. A circular dated London, March 6, says of sugar: The successful issue of the Brussels conference was the signal, not of a further improvement,

as expected, but of a marked decline, especially in Paris, where prices had been kept much above export parity, and where buyers had been most sanguine as to the results of abolition, even for 1903. Now that this abolition has been voted it seems that spec-

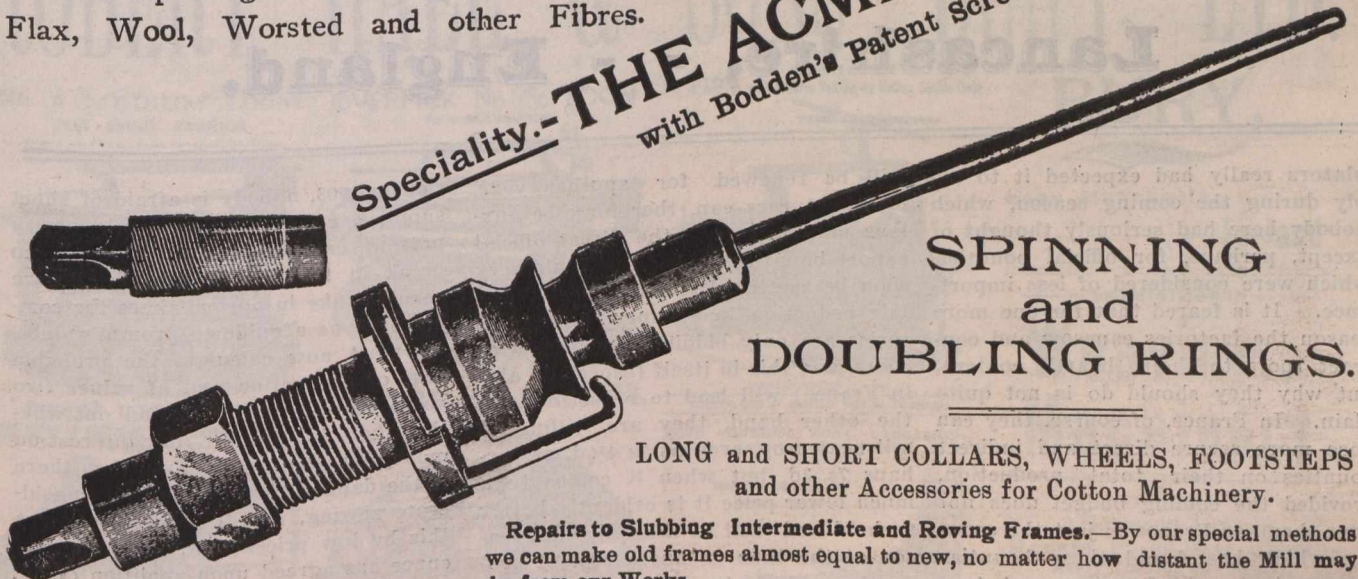
WILLIAM BODDEN & SON, Limited.

Spindle and Flyer Manufacturers.

Steel Spindles and Flyers and Ring
Spindles of all kinds

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

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



SPINNING
and
DOUBLING RINGS.

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

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

Hargreaves Works, - - Oldham, England.

SPECIAL PRICES TO CANADIANS UNDER THE NEW TARIFF.

Widnes Foundry Company.

◆ ◆ ESTABLISHED 1841. ◆ ◆



Morecambe Pier (East View),

ERECTED, 1898, BY

THE WIDNES FOUNDRY CO.

WIDNES,

Lancashire, - - England.

ulators really had expected it to apply during the coming season, which nobody here had seriously thought of except, perhaps, for official bounties, which were considered of less importance. It is feared that for one more season the factories can sow and contract roots to their heart's content, but why they should do is not quite plain. In France, of course, they can once more secure direct and indirect bounties on their total production, provided the coming budget does not alter them, as France is just the country which has found these bounties inconvenient. In Germany and Austria already it can no more be a question of sowing against cartel profits for the one year remaining, and in Austria it is not certain whether the cartel which expires this autumn

will be renewed for another year. Manufacturers can, therefore, be anxious only to secure the direct official export bounties, and these would very soon be sacrificed if there were not a fair reduction in sowings. The factories are only bidding low prices for roots, and this in itself (especially also in France) will lead to reductions. On the other hand, they are willing to sell next crop, even at 7s 4½d, or perhaps 7s 3d, but when it comes to a much lower price it is evidently better to hold and sell in the following season at the then enhanced cost of production, which is the safeguard supplied by the conference. The best thing to happen to the market now is the present decline, in order to convince all growers that notwithstanding a much increased cost of produc-

tion in 1903, nobody is afraid of short supplies, even at a low level. With present excess of stocks there is no break in the supplies, and while we used to take in normal times the coming crop as a guide to prompt values, we must now calculate the probable cost of production and of values two years hence in order to find out whether there is room for fair interest on money invested now. Even then there is the danger of a decline by inconsiderate sowing, and it is best to avert this by low prices now. The conference has agreed upon abolition of official bounties from September, 1903, and reduction at the same time of the surtax to 6 francs per bag, with refining in bond and no preferential treatment of cane sugar. The convention will have to be ratified by the

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

J. Tobler's
 Real and delicious
SWISS MILK CHOCOLATE
 CHOCOLAT AU LAIT SUISSE
 SCHWEIZER - MILCHCHOCOLADE

J. TOBLER, BERNE SUISSE

MAISON FONDÉE EN 1845

Etiquette déposée

Also in CROQUETTES, BUNDLES, &c.

MACLURE BROS.,

60 Victoria Street
 LIVERPOOL, Eng.

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

respective legislatures, one French delegate already giving it as his opinion that no French government will be able to pass it. But nobody wants to be isolated; if two or three countries combine to resist it that might make an end of it, but no single country, except England, could afford to withdraw. It is not extraordinary that already in the centres of greatest resistance some public papers admit that England is sacrificing most; they wonder that the United Kingdom

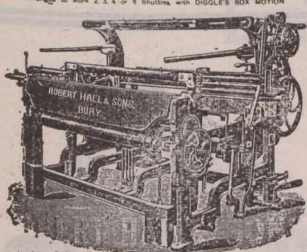
claimed no preferential treatment for her own producers and refiners in return for the 6 francs protective duty still enjoyed abroad, and they evidently do not know to what lengths the so-called free trade theories will drive a country afraid of restoring free competition even to its own producers. There are two West Indian crops to be marketed before abolition takes place, and it is a puzzle to everybody what will be done to redeem the promise of helping the West Indies and

home trades. The hands of the Government are not tied until September, 1903; the decline in prices instead of a rise may be useful to show that improved values cannot be pleaded as an excuse for omitting to give relief in the budget, but whether anything will be done remains to be seen. Advices from London under date of March 8, reporting on currants state: "The market is very firm, with a better demand for all kinds. Good Provincial moves freely at 18s per cwt. and

Telegraphic Address: "Hall, Bury."

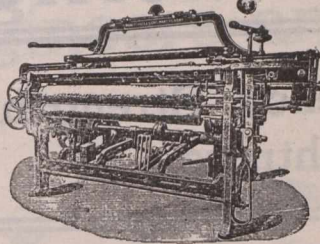
ROBERT HALL & SONS BURY LTD.

No. 4 MEDIUM LOOM.
 FOR FANCY FABRICS.



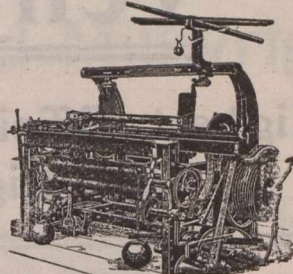
POWER LOOMS OF EVERY DESCRIPTION.
 AND KINDS OF PREPARING AND FINISHING MACHINERY FOR WEAVING PURPOSES.

OVERPICK No 5c LOOM
 TO WORK 1 SHUTTLE



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.
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 HOPE FOUNDRY, BURY, LANCASHIRE.
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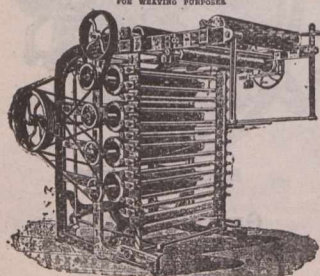
TELEGRAPHIC ADDRESS
 "HALL, BURY"

BURY,

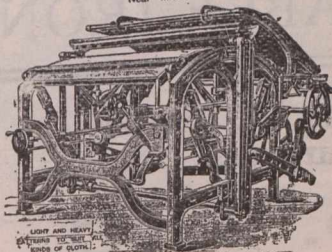
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IMPROVED PLAITING OR FOLDING MACHINE,
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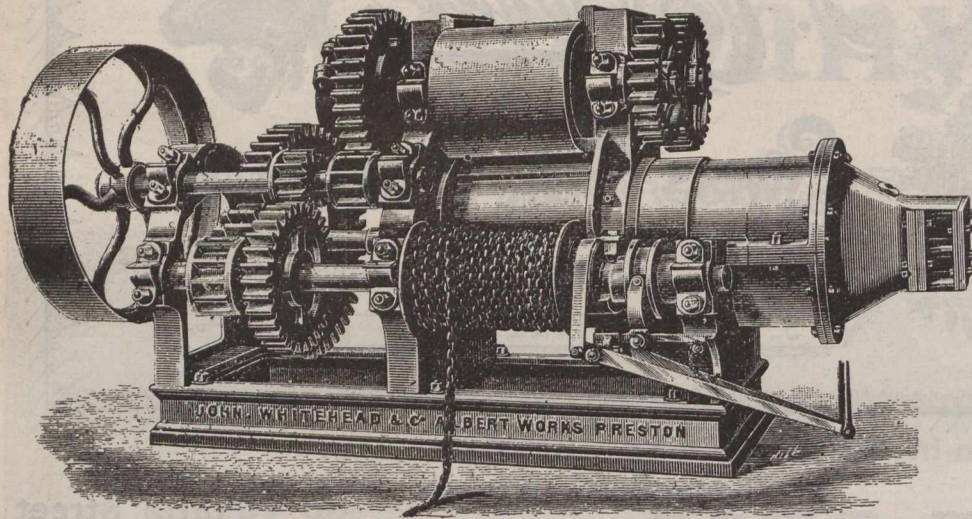
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Albert Works,
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Brickmaking Plant

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

fine Amalia at 19s 6d per cwt. Vostizza and Panarite have been active and several good lines sold from 23s to 26s. From New York we learn that business amounting to several thousand cases of Canadian pack tomatoes, 3-lb. standard, was reported on the 18th instant, for shipment from factory to Buffalo on the basis of \$1.30 laid down there. Sales of California pack, 2 1/2 lb., are reported from second hands at \$1.22 1/2 and it is stated further offerings are held at \$1.25 flat. A letter from Colombo, under date Feb. 3, says of teas: "There were 1,574,437 lbs. offered on the 3rd inst., principally common liquoring sorts; no material change in prices; low broken in most cases neglected; the few fine and flavory sorts firm. On the 8th inst 687,022 lbs. were offered; all grades met good attention; fair medium broken were up 4c to 6c and low leaf 1c to 2c on last week's prices. On the 15th

inst, 1,150,656 lbs. were offered; quality unattractive; bidding rather slack; a lot of tea was taken out; prices ruled much as last week. On the 22nd inst. 1,379,239 lbs. were offered; common and medium leaf teas irregular, with fractional decline for common sorts; good and fine teas were scarce and sold readily at full rates. On the 29th inst., 951,068 lbs. were offered; market dull; a lot of tea was withdrawn for higher limits; fine and good liquoring sorts maintained their strong position; quality fair; an improvement expected in the near future." Mail advices from San Jose, Cal., state: Ten carloads of prunes have been sold this week for export to Europe. All the fruit but three cars goes from this valley. The three care are from San Joaquin Valley points. It is understood that all the fruit is for Germany. One of the local packers says: The market is strong. There is de-

cidely more activity in the East. There is every reason for saying that the country is consuming the fruit as it is going out of the hands of the dealers. We have advices from New York which say they expect to see an active demand for California dried fruit from now on for several weeks. Stocks here are low and the Coast will probably be drained of its entire product.

HARDWARE.

Manufacturers of harvest tools have advanced prices. Quotations on bolts and nuts are also higher. Other list prices are unchanged.

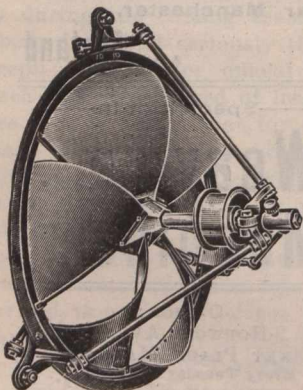
LEATHER AND SHOES.

Leather dealers report but fairly light quantities of leather, there being no accumulation of either dongolas, sole, or black upper. The movement is quiet now as expected when the shoe manufacturers are pretty well through cutting. Prices remain steady.

"Sun" Ventilating Fans

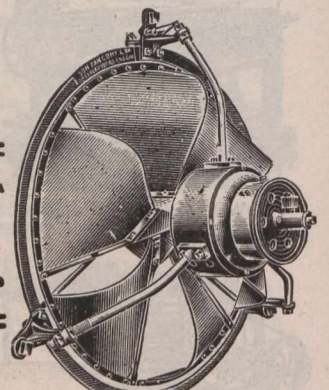
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MADE ENTIRELY OF WROUGHT
OR MALLEABLE IRON.



Belt Driven.

For Ventilating, Drying and
All Cooling Purposes . . .



Electrically Driven.

"Sun" Fan Co. Ltd.,

GENERAL BUYING
AGENTS WANTED.

Special prices to Canadians
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MANUFACTURERS OF

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CANVAS, PLIMSOLL, GYMNASTIC & LAWN TENNIS SHOES

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CAB TYRES PNEUMATIC CUSHION AND SOLID TYRES

HEAD OFFICE & WORKS VAUXHALL RD LIVERPOOL ENGLAND

**EXTRACT OF INDIGO.
REDUCED INDIGO.**

J. W. EASTBURN,

Baglan Chemical Works:
HALIFAX, ENGLAND.

Special prices to Canadians under the new Canadian Tariff.

OILS, PAINTS, ETC.

Turpentine has advanced and is now 70c to 71c. The first cost has advanced 5c. Linseed oils are firm at last quotations. A decline was shown since last report but the market subsequently more than fully recovered. Leads are steady. Chemicals are unchanged.

PROVISIONS.

Notwithstanding the local dullness which the Lenten season forces on the market, and the ensuing mild spell, the market for fresh killed hogs has been rather steadier during the past few days, with considerable business pass-

ing. Prices range from \$7.50 to \$8 as per size and quality. Cured meats are also in better request, particularly smoked hams, and bacon which hold steadily to former prices. Salted pork is a shade firmer. We quote: Selected heavy Canadian short cut mess pork, \$22 to \$22.50; heavy Canada short cut mess pork, \$21 to \$21.50; Canada short cut back, heavy, \$21 to \$21.50; heavy Canada mess, long cut, clear pork, \$21; light Canada short clear pork, \$20.50 to \$21; pure Canada lard, in 20-lb. pails, 11 $\frac{3}{4}$ c to 12c; compound lard, in wood pails, 20-lb., 8 $\frac{3}{4}$ c

CARTER BROS.,

Engineers and Millwrights,

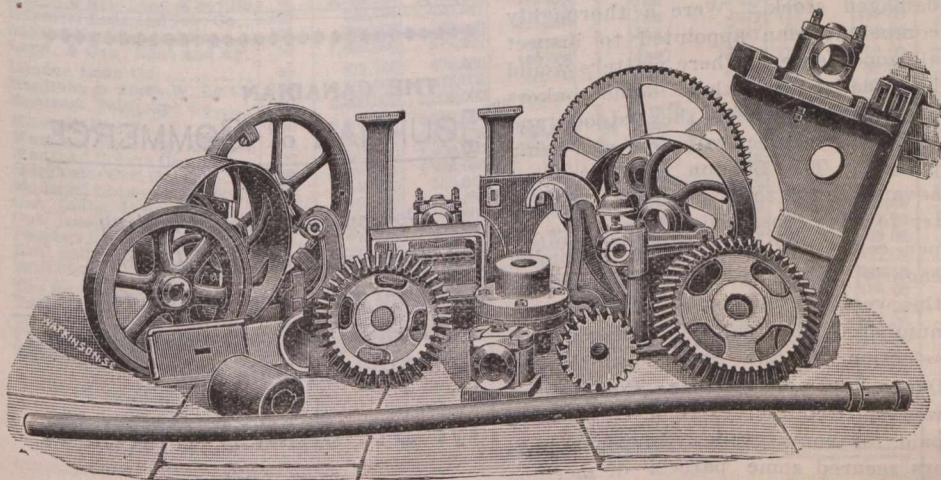
Bridge Street,
Rochdale, Eng.

Specialty in

Mill Gearing

of all kinds.

Special terms to Canadians, under the New Preferential Tariff.



TELEGRAMS :
"ATTRACTION," LIVERPOOL.

TELEPHONE
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WILLIAMS & Co.,

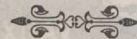
Wholesale and Export Manufacturing Confectioners.

96 Wood Street,
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Specialities.

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

Special Prices to Canadians
under the New Tariff.



Send for Samples and Prices.

to 9c; Boar's Head brand, in 20-lb. wood pails, \$1.97½ to \$2.05; and Globe at \$1.72½ to \$1.80; 20-lb. tin pails, ¼c per lb. less; hams, 12c to 14c, and bacon, 14c to 15c per lb. Liverpool market, March 19.—Pork mess, western, steady, 71s. Bacon, Cumberland cut, 26 to 30 lbs, firm at 43s 6d; short clear backs, firm, 45s 6d. Clear bellies, steady, 47s. Shoulders, square, steady, 35s 6d. Chicago, 19.—Provisions closed 5c higher all round. Future quotations: Mess pork, \$15.42½; July, \$15.62½. Lard, May, \$9.40; July, \$9.52½; September, \$9.65. Short ribs, May, \$8.45; July, \$8.57½; September, \$8.70. Cash quotations: Mess pork, \$15.30 to \$15.35; lard, \$9.30 to \$9.32½; short ribs, sides, \$8.35 to \$8.50; dry salted shoulders, 7½c to 7¼c; short clear sides, \$8.60 to \$8.70

WOOL.

No sales of any importance are being put through in the local market for the chief reason that stocks are almost bare. A few Capes are selling at 15c to 16½c. Importers express considerable difficulty in buying fine wools on a rising market. After original samples are received, advances cause continual cable messages explaining on both sides so that selecting is at present extremely difficult. Canadian woollen manufacturers have not been much in evidence since the tariff question was shelved. Some claim they cannot go on at a loss and

must give up. Others are quietly endeavouring to find a home solution through the possibility of improvement. It is not altogether English and Scotch competition in woollen goods that home manufacturers fear but rather that of Germany. German makers send their products to England for export, which is allowable, after a 15 per cent. improvement or finish is added. But the matter does not stop there. It is alleged that these German goods are often merely re-boxed and re-tagged and are "quietly" sent across as English make. Another feature is the "roughing" or apparent soiling of goods in order to have them come across as "job" or damaged stock. Were a thoroughly competent man appointed to inspect all goods entering here matters would be equalized so that home makers would know where they stood, and feel that a correct valuation was being placed. The London auctions show advances of 5 to 15 per cent., the latter for fine crossbreds; Capes, 5 to 7½ per cent. All fine wools are being eagerly picked up. The offerings at the wool auction sales on the 19th numbered 15,817 bales, including a good selection of fine New South Wales, Queensland and Victoria. Competition was spirited and extreme rates were paid for some grades. American buyers secured some parcels of merinos and crossbreds. Up to the present

time 94,900 bales have been offered, of which 5,000 have been withdrawn. Sales finish on 26th.

THE SHREWSBURY & CHALLINER TYRE CO., LTD.

The use of rubber in the manufacture of tyres for all vehicles is becoming each year, more generally adopted. Like all commodities, however, admitting of various grades, increasing demands brings out as many varieties as it is possible to obtain, thereby assuring a wider market, suitable to the varied ideas of those employing them. Nor has this been wanting in the case of rubber for tyres.

THE CANADIAN . . .

JOURNAL of COMMERCE

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MONTREAL.

Alexander Oldham & Sons,

Johnson Brook Patent Piston Works,
and Engineering Works

DUKINFIELD,
ENGLAND.

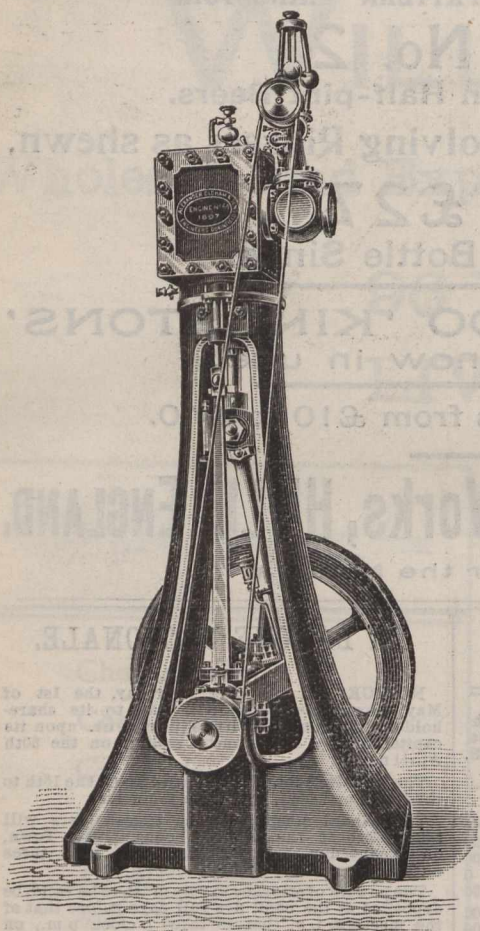
MAKERS OF

Vertical & Horizontal Steam Engines,

From 2 H.P., up to 500 H.P.

Ice Making Machinery, Cylinder Boring Machines, Machines for Planing Valve Faces in Position, Lubricators, Injectors, Pistons, Air Pump Buckets, Fans, Metallic Piston Rod Packings, etc.

Illustrated Price Lists giving approximate weights will be sent on application.



give the rubber the highest possible degree of elastic action. It has been thoroughly tested on all descriptions of private vehicles for the last four years, and has proved a great success. It has earned for itself the highest reputation for comfort and easy riding, together with durability; in fact, it is the nearest resemblance to a pneumatic tyre. The broad wearing surface completely obviates catching in the tram lines, and the consequent discomfort and strain on wheels. For high class luxurious carriages of every description we recommend this tyre before all others, combining as it does the advantages obtained by Challiner's Cup Rim with a resiliency almost equal to a pneumatic. We manufacture this tyre in the following sizes: $1\frac{1}{2}$, $1\frac{1}{8}$, $1\frac{1}{4}$, and $2\frac{1}{4}$ inches. The Shrewsbury and Challiner Patent Cup Tyre.—For all kinds of vehicles, from the gig to the motor car, we confidently recommend this as the most reliable tyre. It has been in use for the last six years, and has given universal satisfaction. It never gives any trouble, because the rubber can neither come out nor creep. The form of the cup rim allows of a very large rubber being used in proportion to the width of the rim, so that a larger rubber tyre can be used in proportion to the strength of wheel than by any other form of tyre. The advantage in wear and tear and sustaining power is obvious, and the increased resiliency, and comfort obtained, makes this tyre one

of the greatest modern luxuries extant. We manufacture this tyre in the following sizes: $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$, $1\frac{5}{8}$, $1\frac{3}{4}$, 2, $2\frac{1}{4}$, $2\frac{1}{2}$, 3 inches.—Our tyres are noted for comfort combined with strength and durability.—Note.—Low-priced rubber is absolutely useless for carriage tyres.—Over 1,000 tons supplied during the last 12 months. Three Gold Medals awarded 1899. Also silver medal, highest award, Altringham Agricultural Show, 1900.—Your attention is respectfully drawn to the illustrations, as shown in catalogue, of some of the tyres we manufacture at our own works, of which we have turned out during the last 12 months over 1,000 tons. We make any style of rubber tyre, and re-rubber any particular section, but we strongly recommend before all others "The Cup Tyre," "The King of the Wired-on Tyres," and "The Pioneer Tyre." The economy of all the above is now so fully established owing to the entire absence of all cutting of the India rubber by the metal rim that we guarantee any of these tyres will give every satisfaction. They are not liable to cut even on the roughest road, and a special advantage which the cup tyre possesses is that skidding on the tram lines is entirely obviated by the use of the cup tyre. We only use the finest wearing rubber. Note.—We do not supply private owners direct, but our business is done through the coachbuilders and wheelwrights. If, however, you like to obtain further information from us

direct we will gladly furnish same. Samples, illustrated catalogues and price lists for trade and export can be obtained on application at the works, viz.: Manchester, Kay street, Ardwick Green; London, 24, Page street, Westminster., S. W. Special terms under the new Canadian tariff.

ANNE COWBURN.

The fact of a carriage manufacturing business being successfully conducted for one hundred and twenty-three years under the one firm name is sufficient to cause the average reader to pause and say to himself, "They must have put good material in their wheels." Beyond carrying the mind back into the dim pages of history, the fact must remain clear above all that the name "Anne Cowburn" on a carriage or vehicle of whatever design; must have made it not only a free-running but a free selling article, whether new or second hand, whether direct from the firm's show-rooms or under the auctioneer's hammer. Handed down from generation to generation, and every carriage turned out through this long stretch of years being made a circulating advertisement for the manufacturers, it is not to be wondered at that carriages of any style, bearing to-day the firm name of Anne Cowburn are at once recognized as being thoroughly inspect-

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

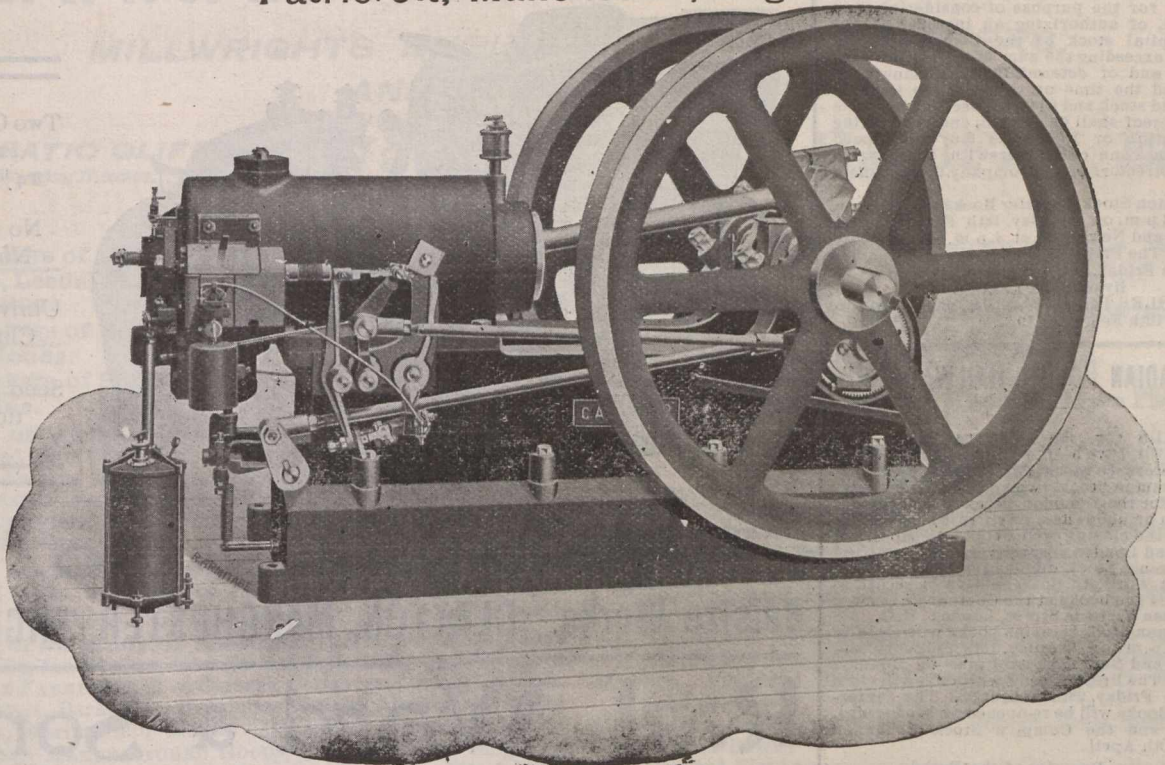


Photo of 20 B. H. P. Oil Engine.

Makers of :

- Gardner Oil Engines—Petroleum.
- Gardner Gas Engines—Town or Producer Gas.
- Gardner Spirit Engines—Gasoline, Benzoline.
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Engines from $\frac{1}{4}$ B. H. P.
 Horizontal and Vertical.
 Tube Ignition with Ignition Valves.
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More than 2000 Engines Sold and Working Successfully in all Parts of the World.
200 Engines Always in Progress.

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87 QUEEN VICTORIA STREET, E. C.

ed and passed as complete, beyond the shadow of a doubt.

An established reputation for the highest class of skilled work is indeed an enviable possession, but when to this is added the lapse of centuries during each decade of which fresh evi-

dences have been shown of durability, equality of strength and completeness of detail, the firm conducting business under such favorable conditions cannot but find the roads easy and smooth both for their vehicles and for themselves. Carriages on stock comprise:

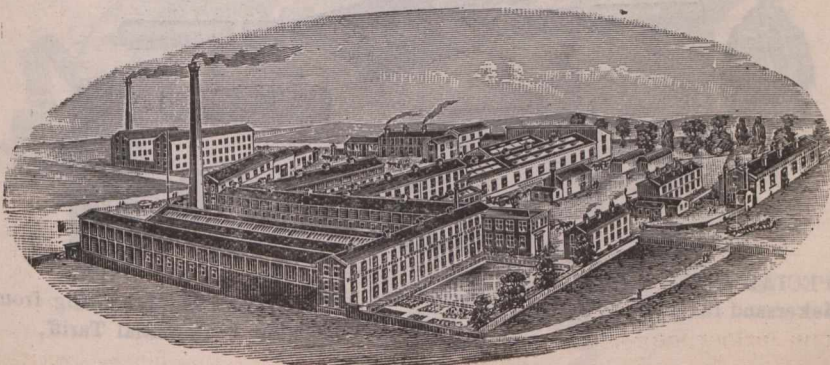
Four in hand drag; omnibus; landau, large size; landau, medium canoe; landau, miniature; brougham, the Cowburn; brougham, medium size front; brougham, miniature square; brougham, eclipse; brougham, miniature D front; brougham, family; double Vic-

Telegraphic Address:
 "HASTE, BRAMLEY, LEEDS."

Haste & Brown,

**Hough End Tannery,
 BRAMLEY, LEEDS, - Eng.**

**—Tanners, Curriers,-
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Russet Lining Bellies and Shoulders, of Light Substance, Soft, Bright and Dry Finish.

ENAMELLERS and JAPANERS of the finest goods in ENAMELLED and JAPANED 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, Ofal, etc., Waxed or Russet Kip Butts. 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.

THE CANADIAN PACIFIC RAILWAY CO'Y.

NOTICE TO THE SHAREHOLDERS.

A Special General Meeting of the Shareholders of the Company will be held at the principal office of the Company at Montreal on THURSDAY the TWENTY-SEVENTH DAY OF MARCH next, at noon, pursuant to the Act of the Parliament of Canada, 55-56 Victoria, Chapter 35, entitled "An Act Respecting the Canadian Pacific Railway Company," for the purpose of considering, and if approved, of authorizing an increase of the present capital stock of the Company by an amount not exceeding the sum of twenty millions of dollars, and of determining the amount or amounts and the time or times of the issue or issues of said stock and the purpose to which the proceeds thereof shall be applied, and of adopting such resolution or By-law as may be deemed necessary in connection therewith in order to enable the Directors of the Company to give effect to the same.

The Common Stock Transfer Books will close in London at 3 p.m. on Tuesday, 18th February, and in Montreal and New York at 3 p.m. on Monday, 3rd March. The Preference Stock Books will close at 3 p.m. on Friday, 28th February.

By order of the Board,
CHARLES DRINKWATER, Secretary.
Montreal, 10th February, 1902.

THE CANADIAN PACIFIC RAILWAY CO'Y.

DIVIDENDS for the half year ended 31st December, 1901, have been declared as follows:—
On the Preference Stock, two per cent.
On the Common Stock, two and a half per cent.

Warrants for the Common Stock Dividend will be mailed on or about first April to Shareholders of record at the closing of the books in Montreal, New York and London respectively.

The Preference Stock dividend will be paid on Tuesday, 1st April, to Shareholders of record at the closing of the books at the Company's London Office, 1 Queen Victoria Street, London, E.C.

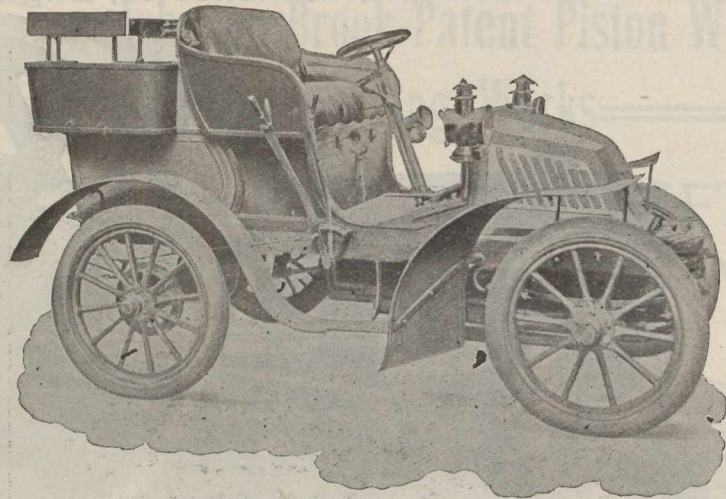
The Common Stock transfer books will close in London at 3 p.m. on Tuesday, 18th February, and in Montreal and New York at 3 p.m. on Monday, 3rd March. The Preference stock Books will close at 3 p.m. on Friday, 28th February. The Preference Stock Books will be re-opened on Wednesday, 2nd April, and the Common Stock Books on Thursday, 10th April.

By order of the Board,
CHARLES DRINKWATER, Secretary.
Montreal, 10th February, 1902.

toria, hung on cee springs; jubilee Victoria; Victoria, medium; Victoria, cee springs; Stanhope wagonette, reversible; Stanhope phaeton; Manchester cart; York cart; Elliott car; Cowburn car, 1901.

Under the heading—Anne Cowburn, Coach Builder and Harness Maker, Park Place, Cheetham Hill Road, Manchester, Eng., a catalogue before us reads: The above house was founded as far back as 1779; the business, still retaining its old title, is carried on by members of the same family. Operations are conducted in an extensive block of substantial three-storey buildings, occupying a commanding position facing Park Place, and comprising office and showroom on the ground floor, and also showrooms on the first floor; the works are situate at the rear, and consist of a separate building of large extent, and having special entrances for workpeople in Cowburn street. The showroom on the ground floor possesses a frontage of one hundred feet, and is a thoroughly suitable department for the purpose, being lofty, spacious, and eminently well lighted; it is fitted up with every convenience and requirement for the effective display of the collection of vehicles it holds. The works are fully equipped with all the best and most approved apparatus, plant, and machinery that have been introduced into this branch of industry. The appliances, indeed, are as near perfection as possible, and is the outcome of the firm's exceptionally long experience and progressive policy. An extensive and high-class trade is conducted in the

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Two Cylinders.
12 h.p.
14½ cwt.
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No Chains.
No Belts.
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Unrivalled Hill
Climber.
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Send for par-
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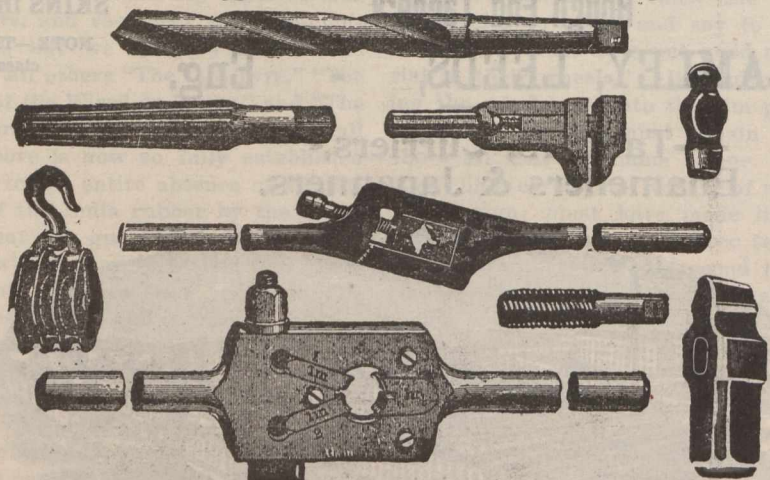
Marshall & Co.
Belsize Works. CLAYTON, MANCHESTER, ENGLAND.

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Military Musical Instrument Manufacturers.
Wholesale Importers
and Exporters of—
General Musical Merchandise,
10 St. Anne Street, LIVERPOOL, Eng.

THE MIDLAND MFG. CO., LD.,
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National Telephone, No. 183.

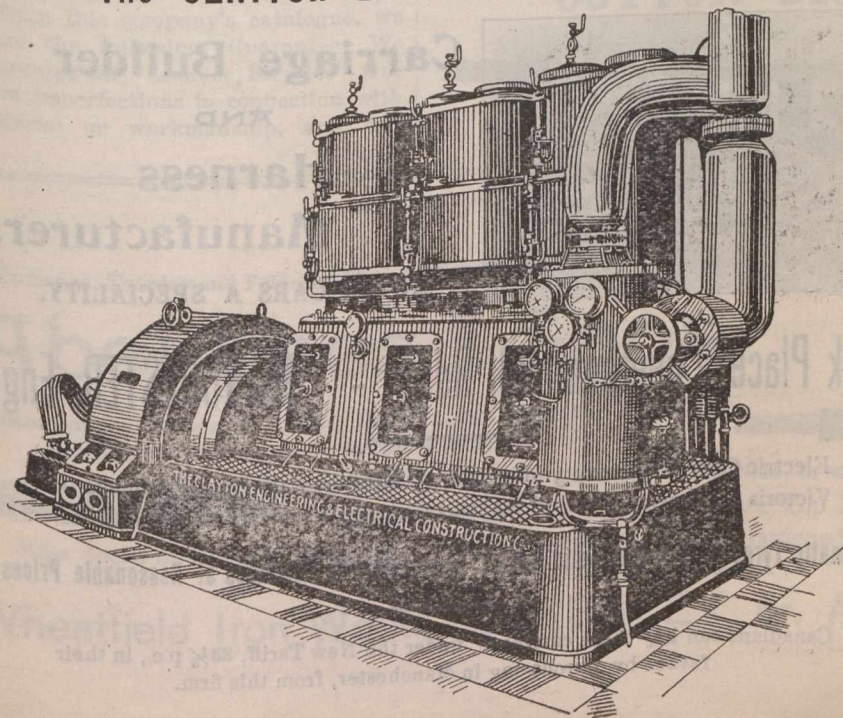
Makers of all kinds of DYEING and Finishing Machinery.

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, Reps-de-Lain, Merinos and Manile Cloths, and all other kinds of BRADFORD MANUFACTURED GOODS, viz.: Crabbing, Singeing, Scouring, Washing, Drying, Starching, Tentering, 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 Tentering 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, Velvet Plush, etc.; Treadles, Pegging Machines, Jiggers, Tubs, Cutting machines; Waxing, Painting and Brushing Machines; Lustreing, Tentering, Beating Nellies, One Cylinder Brush, and Damping Machines, Dye Vats, etc.**

manufacture of carriages and vehicles of a superior description. The firm is well-known in all the principal emporiums throughout the country, and meet with much appreciation amongst better class buyers. The utmost care is taken in the selection of the mate-

rials. The timber is chosen from the best and most suitable kinds, and is thoroughly seasoned and shrunk and severely tested before being used, and the same vigilance is exercised in selecting every part employed, so that nothing but the most finished and per-

fect material finds acceptance for the building of these famous vehicles. Only skilled workmen are engaged, and the appliances and resources are of the most advanced type. For style, elegance, lightness, and strength combined, the vehicles emanating from our

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.

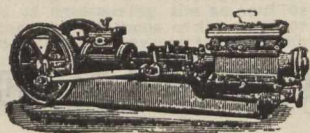
Telegrams : "NEILL, ST. HELENS."

Telephone : "No. 20, ST. HELENS."

Soap Machinery

. . BONE AND TALLOW DIGESTERS . .

W. NEILL & SON, ENGINEERS, IRON & BRASS FOUNDERS, BOILERMAKERS.



SOAP, OIL, AND TAR SPECIAL PUMPS.

SOAP PANS, TANKS,
With all Fittings.

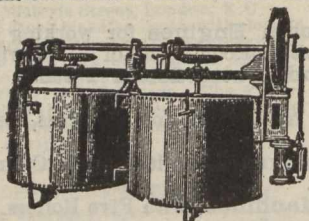
HOISTS.
SWIVELS.

STEEL SOAP FRAMES
The Best
in the Market.

CRUTCHING MACHINES
New Bar-Cutting and
Tabletting
Machines.

MILLING MACHINERY
Hand and
Steam Stamping
Machines with Dies.

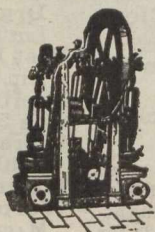
GLYCERINE PLANT,
With Fire or Steam Evaporation.



CRUTCHING MACHINES.

**SOAP
COMPLETE PLANTS
CHEMICAL**

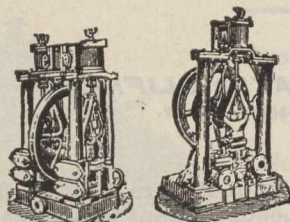
All on Newest Design.



VERTICAL FRAME PUMPS FOR LIQUORS.

BRASS AND IRON CASTINGS
OF EVERY DESCRIPTION.

**DRIVING, VACUUM,
BLOWING, PUMPING,**
VERTICAL AND
ENGINES.
HORIZONTAL



CAMERON PUMPS. PILLAR PUMPS.

FILTER PRESSES,

In Cast Iron
or Gun Metal.

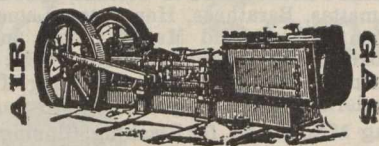
CHEMICAL PUMPS,
Pans
and Stills.

NOTED
AIR COMPRESSORS,
With Improved Valves.
Causticisers.
Agitators.

MECHANICAL FURNACES,
Absorbers,
Hoists, Cranes,
Winches.

GRINDING MILLS,
Edge-Runner or Burr with Patent Necks.

ACID



AIR COMPRESSORS & BLOWING ENGINES.

ST. HELENS JUNCTION, LANCASHIRE, ENGLAND.

Chemical Plant

PRICES AND PARTICULARS ON APPLICATION.

Special Prices to Canadians under the new Tariff

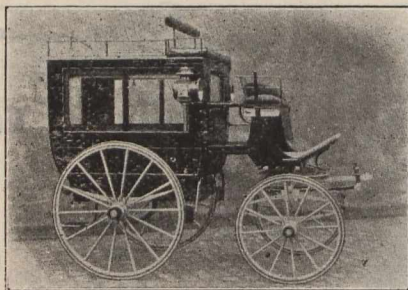
firm are unsurpassed. We include every vehicle from the respectable gig to the luxurious four-in-hand drag, and exceed several hundred in number, comprising landaus from 9¼ cwt., broughams from 7¼ cwt., Victorias, Stanhope wagonettes (reversible), Manchester cart, Cowburn cars 1901, rustic, and other descriptions of two-wheeled drags, &c. From the superior and reliable excellence of all our productions, we have acquired an exceedingly large and influential connection amongst the nobility and gentry throughout the United Kingdom. A numerous staff of skilled workpeople are employed, including body makers, wheelers, coach smiths, painters, trimmers, finishers, &c., and the most prompt attention is given to all orders. We have achieved a distinguished reputation for our liberal and honourable dealing, and all our transactions are marked with a careful regard for the interests of patrons and the maintenance of our position. Electric light is specially adapted to carriage and inside reading lamps, burning 45 hours, at a fractional cost for re-charging batteries. There is no danger whatever attached to its use.

Write for illustrated catalogue and special terms under new Canadian tar-

Established 1779.

Telegraphic Address : " ANNE COWBURN."

ANNE COWBURN,



Carriage Builder

AND

**Harness
Manufacturer,**

MOTOR CARS A SPECIALITY.

Park Place, Cheetham Hill Rd., - MANCHESTER, Eng.

Electric Cars pass every 3 Minutes. 5 Minutes walk from Exchange or Victoria Stations. Covered Railway Carriage Truck for use of Patrons.

Pneumatic Tyres & Improved Solid Rubber Tyres Fitted to Carriages at Reasonable Prices.

Canadians can buy these carriages, under the New Tariff, 38½ p.c., in their favour by purchasing in Manchester, from this firm.

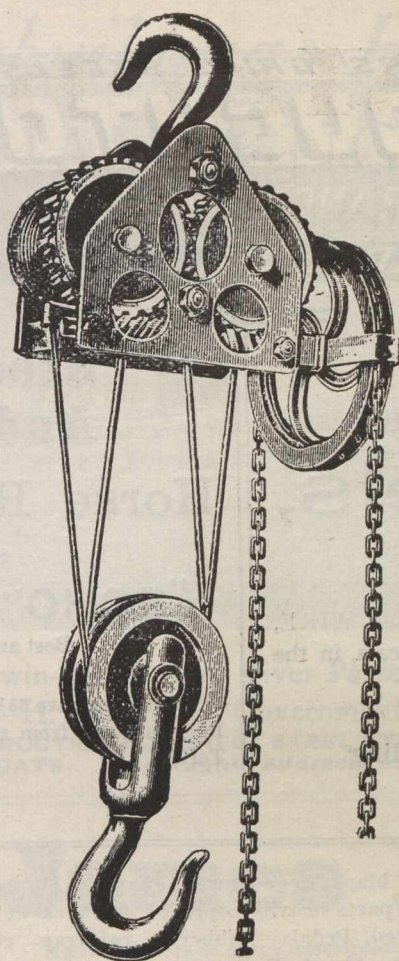
iff to Anne Cowburn, Carriage Builder and Harness Maker, Cheetham Hill Road, Manchester, Eng.

LEANDER CYCLES.

On another page of this Journal will be seen an advertisement by the Leander Machine Company, of Ardwick Green, Manchester, Eng., claiming for the Leander Cycle that it is the best all British made cycle in the market. Looking carefully over the illustrated catalogue price list published by this company and viewing the minutest details as well as the main features of this wheel, governing, likewise, our decision from the various manufactured parts we feel justified in saying that as the Leander 1902 cycle is built with a view to lightness, speed, cheapness, durability, perfectness of finish and evenness of strength, it must certainly hold its own against all competitors and hold its rider in the front if he is at all capable of leadership.

Every person who buys a wheel is desirous of getting a good wheel. After being bought and used for a part of a season it is too late to remedy what may not be defects as viewed from the makers' point of view, but are nevertheless weaknesses and causes of "smash-up" at the very time when they are most to be avoided. A bad wheel is not a good servant and a bad servant is a good thing to avoid. The bicycle which is known to possess all the redeeming qualities above specified is a source of double satisfaction to the owner: because, in the first place he is satisfied that he has the worth of his money; and in the second place, because he can ride faster and with a greater feeling of security on such a wheel than were he guiding a wheel without established reputation, which, like a "bolting" horse, is liable at an unguarded and speedy moment to tip him off and break his neck. A man who is afraid of his horse or his bicycle cannot get from either the speed he could were he perfectly secure in the saddle against the possibility of a sudden collapse.

From this company's catalogue, we glean the following: Guarantee: We guarantee all "Leander Bicycles" free from imperfections in connection with material or workmanship, and will



Lifting Tackle

FOR ALL PURPOSES.

Cranes, Sheave Blocks, Crabs, Pulley Blocks.

The Steel Rope Pulley - Block Co., LIMITED,
WASHFORD ROAD,
Sheffield, Eng.

Roger Brighthouse,

Contractor to His Majesty's Government

15 Sugar Lane,
MANCHESTER, Eng.

Manufacturer of all kinds of

Ropes & Twines, Cotton Banding, Engine Yarns, Hemp & Cotton Gaskins, &c.

Heald, Dobby & Jacquard Cords a Speciality.

COTTON DRIVING ROPES,

Also Hessians, Oil-Cloth and Waterproof Packing.

Special Prices to Canadians under the New Tariff.

Established 1838.

Telegraphic Address,

"LEES, BARDSLEY, ASHTON-UNDER-LYNE," Eng.

Exchange, Tuesday and Friday, 1-30 to 3, N. Pillar.

Abel Lees & Sons,

ROLLER AND
SHAFTING MAKERS.

Makers of all kinds of FLUTED AND PLAIN BOTTOM AND TOP ROLLERS for Cotton, Woollen and Silk Machinery.



New Front Lines of Rollers, Steel Hardened, or with Necks and Squares Hardened, or Ordinary. Spare Top Rollers, Loose



Boss Shells or Spindles Supplied. Centre Shafts—Steel, Case-Hardened or Ordinary. Prices on Application.

Wheatfield Iron Works, BARDSLEY, nr. Ashton-u-Lyne, England

GOLD MINERS DRILL STEELS

HOBSON, HOUGHTON & CO.

SUCCESSORS TO FRANCIS HOBSON & SON

SHEFFIELD, ENGLAND.

MINERS
HAMMERS
& PICKS

Sole Manufacturers of

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

Specialty for Machine or Hand Drilling.

Established upwards of 100 Years.

make good at our factory, at any time within twelve months, any defects not caused by accidents, rough usage, or neglect. All parts to be returned to us for examination before any claim is allowed. Pneumatic tyres and saddles used by us are fully guaranteed by the makers, to whom all goods should be sent for repairs.—The "Leander" No. 1 Special Roadster, award of honour Brussels International Exhibition. — Specification. — Wheels, 28 inches; clincher A tyres, and jointless hollow rims; frames, made of best weldless tubes; box crown and D shape sizes, 24, 25 and 26 inches kept in stock; any size made to order.—Brake and mudguards—Easily detached. Powerful spoon brake or rim brake. Handle bar.—Straight or raised with celluloid, cork, or felt handles. Cranks.—6½ or 7 inches. Chain—Renold, 1 in. pitch twin roller or ½ in. pitch. Saddle—Brooks', B28. Gear—63 or to order. Interchangeable and easily detachable. Finish—Highest

grade black or coloured enamel; all bright parts heavily coppered and nickel plated. Pedals—Rubber or rat trap. Weight—About 20 lbs. complete. Any first grade tyres fitted if specified.—Price, £17 17s 0d. Cash price, £14 14s 0d. Extra—Free wheel, and Bowden rim brake.—The "Leander" No. 9 Lady's Safety, award of honour Brussels International Exhibition, 1897. — Specification.—Wheels—28 inches or 28 and 26 inches. Frame—Weldless tubes. Box crown and D fork sides. Sizes 22 and 23 inches kept in stock. Any size made to order. Handle bar—Raised with cork handles. Cranks—6 inches or 6½ inches. Chain Coventry, ½ in. pitch or 1 in. pitch. Gear—56 or to order. Interchangeable and easily detachable. Gear case—Bransom's. Finish—Black enamel; all bright parts, plated on copper. Pedals—Rubber. Dressguards—Laced. Weight—About 29 lbs. Price, £11. Nett, £9. Extra—Free wheel and rim brakes. Send for catalogue and special terms under

**Steel Forgings
And Castings.**

Horse Rasps, Files, Etc.

Sole Manufacturers of

"SOHO" Special Self-Hardening Steel

Best and Cheapest on the Market.

Canadians have 33½ p.c., in their favour, by purchasing these English goods from us, under the new Canadian Preferential Tariff.

New York Office and Warehouse.

new Canadian tariff, to Leander Machine Company, Ardwick Green, Manchester, England.

HANS RENOLD, MANCHESTER.

Cycle Chains, 1879—1902

Nothing to touch these.—Fitted by all the leading English cycle manufacturers. Best British.—Pioneer in cycle chains.—At the head of the trade.—Send for No. 1 catalogue (index to various types).—Tariff no longer prevents Canada from seeking the best in the Old Country.—Also patent high-speed silent driving chain, Renold Roller Chain, for motors, governor drive, &c.—Lightest, strongest, most durable.—Honest value for money.—Works, Manchester, Eng.

This advertisement, which appears each week in another page of this Journal, is intended to attract the attention of the Canadian trade to the superiority of the chains, etc., manufactured by the above firm. Words

Irwell Rubber Co., Limited.

MANCHESTER, - - ENGLAND.

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

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

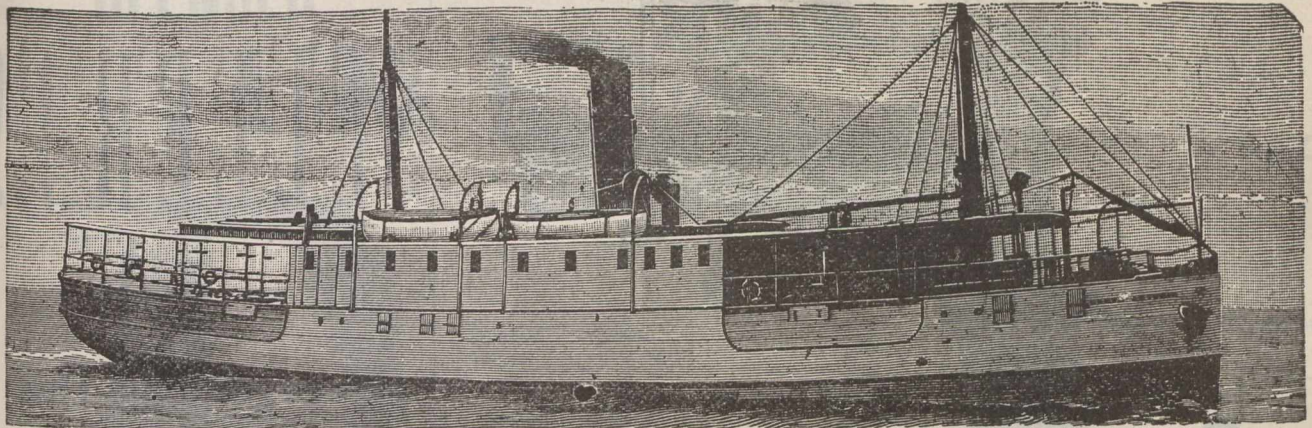
Solid and Insertion Sheets, Valves, Buffers, Washers for Steam and Water Joints, Rubber Belting, Hose of all kinds, Solid Rubber Tubings, Packings, of every description, Matting, Roller Covering, Fruit Jar Rings, &c., &c.

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.

Lytham Shipbuilding & Engineering Co.

LYTHAM, ENGLAND.



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

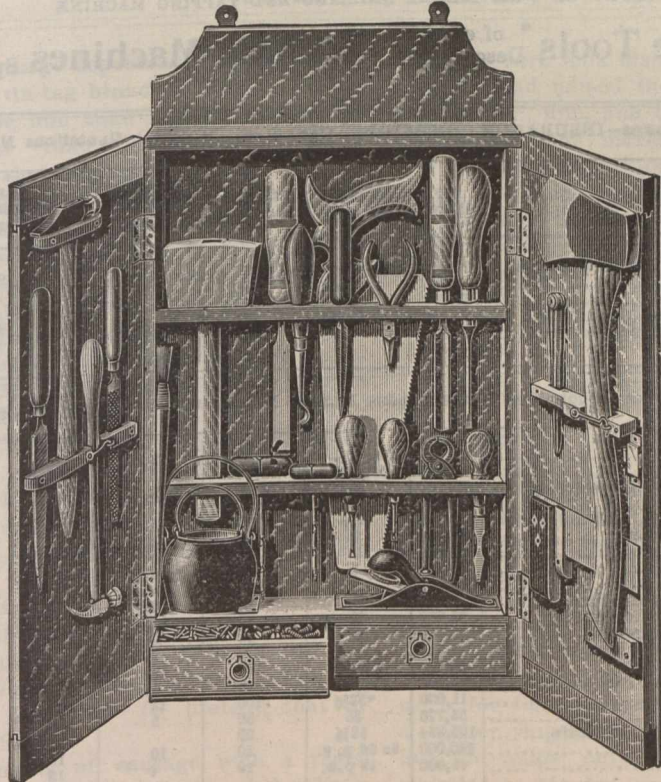
STEAM LAUNCHES UNDER CONSTRUCTION FOR SALE. STEEL STEAM BARGES. TWIN & SINGLE SCREW STEAM TUG BOATS. Telegraphic Address: Sternwheel, Lytham.

might be useless in praise of this very important portion of the running gear of bicycles, motors, etc., were they not backed up by convincing testimony from scores of users throughout Great Britain who once seeing the redeemable qualities of this chain as compared with those hitherto in use, will have no other at any cost. In thus drawing attention to the output of this firm we are but referring the public to improvements as they appear and which should be taken advantage of by all whom they interest.

Mr. Renold's invention, the silent chain, is employed in the works for driving the machinery, in lieu of belts, thus making comparative silence of the entire works most noticeable. All tools employed in the works are absolutely accurate. The steel used is the finest procurable and perfectly tested. The whole plant is well-lighted and ventilated in accordance with most modern ideas, so that health and cleanliness abound, points which even in themselves make for superior workmanship and greater accuracy of design and finish. There is, in addition, an elaborate system of checks and tests, to which every part of the completed chain is submitted before being sent out, all combining to ensure for this new invention accuracy of detail, proof beyond doubt, and perfection in use beyond anything hitherto brought before a waiting public. Send for catalogue and price list to Hans Renold, Cycle Chain Manufacturer, Manchester, Eng.

James Needham

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



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

Taylor & Watkinson,

Inventors and Patentees of Machine Cast and Planed Printers Leads, Clumps and Metal Furniture

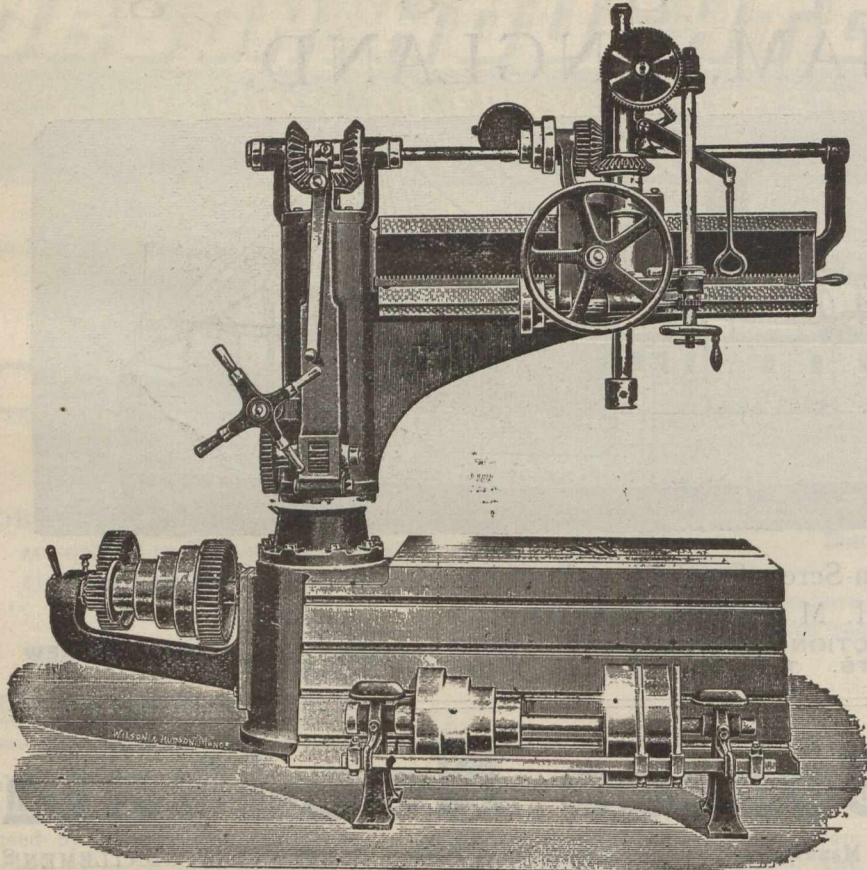
Canadian Printers will do well before ordering the usual supplies to send for our terms and discounts under the New Tariff and effect a saving of not less than 2½ per cent.

Shippers and the Trade Supplied.

PETER'S YARD, KIRKGATE, LEEDS, ENG.

GEORGE SWIFT,

Claremont Iron Works, HALIFAX, ENGLAND.



IMPROVED 5-FT. RADIAL DRILLING AND TAPPING MACHINE

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

STOCKS AND BONDS—INSURANCE COMPANIES—CANADIAN.—Montreal Quotations Mar. 10, 1902

NAME OF COMPANY.	No. Shares.	Last Dividend per year.	Share par value.	Amount paid per Share.	Canada quotations per ct.
British American Fire and Marine.....	15,000	3½-6mos.	\$50	\$50	98
Canada Life.....	2,500	5-6mos.	400	50	....
Confederation Life.....	10,000	7½ 6mos.	100	10	....
Western Assurance.....	25,000	5-6mos.	40	20	95½
Guarantee Co. of North America.....	11,372	6	50	50	....

BRITISH AND FOREIGN.—Quotations on the London Market, Mar. 1, 1902. Market value p. p'd up sh.

Alliance Assur.....	250,000	8s. p.s.	20	2 1-5	10	10½
Atlas.....	24,000	24 p.s.	50	6	27	£28
British and Foreign Marine.....	67,000	25	20	4	18½	19½
Caledonian.....	21,500	12s. p.s.	25	5	5	28½
Commercial U. Fire, Life and Marine.....	50,000	27½	50	5	45	46
Guardian Fire and Life.....	200,000	9	10	5	9½	9½
Imperial Fire.....	60,000	25	20	5	29	30
Lancashire Fire.....	136,493	5	20	2		
Lion Fire.....	100,000	3	2½	1½	5	5
London and Lancashire Fire.....	85,100	22	25	2½	17½	18
London Assurance Corporation.....	35,862	20	25	12½	52	54
London & Lancashire Life.....	10,000	10	10	2	8	8½
Liv. & Lon. & Globe Fire and Life.....	391,752	90	St.	2	28½	29½
Northern Fire and Life.....	30,000	*22½	100	10	71	73
North Brit. & Merc. Fire and Life.....	110,000	30s. p.s.	25	6½	36	37
Norwich Union Fire.....	11,000	*33½	100	12	104	107
Phoenix Fire.....	53,776	35	50	5	£35½	36½
Royal Insurance Fire and Life.....	125,234	59½	20		47½	48½
Sun Fire.....	240,000	8s 6d p.s.	10	10	10	10½
Union.....	45,000	18 p.s.	10	4	13	15

*Excluding periodical cash bonus.

LETTERS FROM A SELF-MADE MERCHANT TO HIS SON.

From John Graham, at the Union Stock Yards, in Chicago, to His Son Pierrepont, at the Commercial House, Jeffersonville, Indiana. Chicago, March, 1, 189—.

Dear Pierrepont,—When I saw you start off yesterday I was just a little uneasy; for you looked so blamed important and chesty that I am inclined to think you will tell the first cus-

tomor who says he doesn't like our sausage that he knows what he can do about it. Repartee makes reading lively, but business dull. And what the house needs is more orders.

Sausage is the one subject of all others that a fellow in the packing business ought to treat solemnly. Half the people in the world take a joke seriously from the start, and the other half if you repeat it often enough. Only last week the head of

A BIG SELLER!!

Everyone in the Trade should stock them.



KING'S OWN CARAMELS



8a

1d



Manufactured Solely by The

Lancashire Steam Confectionery Co.,

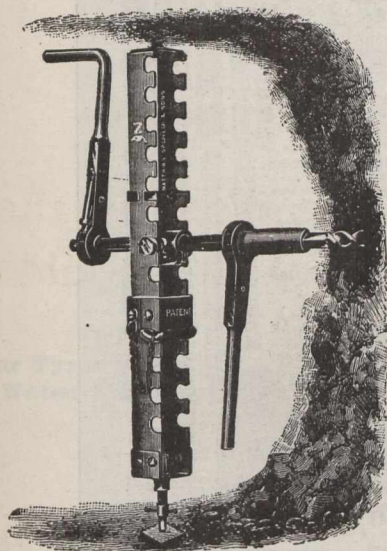
LIVERPOOL, England.

Special prices to Canadians under the new tariff.

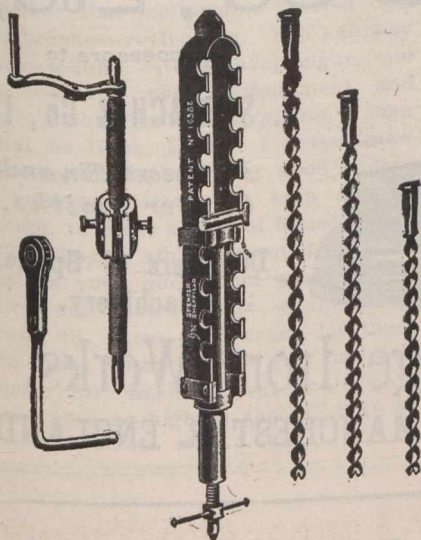
Telegrams:—MYTHOLM MILL,
Hebden Bridge, England.

LIEBERS CODEUSEL.

MATTHIAS, SPENCER & SONS,



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



Ratchet Handle charged extra.

Albion
Steel
Works,

SHEFFIELD, ENGLAND.

Mytholm Steam Wagon Co.

HEBDEN BRIDGE,
Yorks, England,

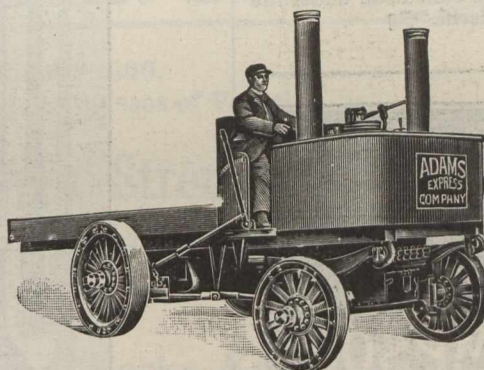
Makers of the

“Mytholm” Patent Steam Wagon,

For Rapid and Economical Transport
of Heavy Goods.

Special Features.
Latest Improvements.

Prices and Particulars on Application to
Sole Makers.



Will carry up to 5 Tons.

our sausage department started to put out a tin-tag brand of frankfurts, but I made him take it off the market quicker than lightning, because I knew that the first fool who saw the tin-tag would ask if that was the license. And, though people would grin a little at first, they'd begin to look serious after a while, and whenever the butcher tried to sell them our brand they'd imagine they heard the bark, and ask or 'that real country sausage' 'at twice as much a pound.

He laughs best who doesn't laugh at all when he's dealing with the public. It has been my experience that even when a man has a sense of humour, it really only carries him to the point where he will join in a laugh at the expense of the other fellow. There is nothing in the world sicker looking than the grin of the fellow who's trying to join in heartily when the laugh is on him, and to pretend that he likes it.

Speaking of sausage with a registered pedigree recalls to mind a little experience that I had last year. A fellow came into the office here with a shrivelled-up tan spaniel, one of those curly, hairy little fellows that a woman will kiss and then grumble because a fellow's moustache tickles. Said he wanted to sell him. I was not really disposed to add a dog to my troubles, but on general principles I asked him what he wanted for the little cuss.

The fellow hawed and choked and wiped away a tear. Finally he fetched out that he loved the dog like a son, and that it broke his heart to think of parting with him; that he

wouldn't dare look his dog in the face after he had named the price he was asking for him, and that it was the record-breaking, marked-down sacrifice sale of the year on dogs; that it wasn't really money he was after but a good home for the little chap. Said that I had a rather pleasant face and that he could trust me to treat the dog kindly; so—as a gift—he would let me have him for five hundred.

“Cents?” says I.

“Dollars,” says he, without blinking.

“It ought to be a mastiff at that price,” says I.

“If you thought more of quality,” says he, in a tone of sort of dignified reproof, “and less of quantity, you would enjoy a better reputation.”

I was pretty hot, I can tell you. but I had laid myself open, so I just said: “The sausage business is too poor to warrant our paying any such price for light-weights. Bring around a bigger dog and then we'll talk;” but the fellow only shook his sadly, whistled to his dog, and walked off.

I simply mention this little incident as an example of the fact that when a man cracks a joke in the Middle Ages he is apt to affect the sausage market in the Nineteenth Century and to lay open an honest butcher to the jeers of every dog stealer in the street. There's such a thing as carrying a joke too far, and the fellow who keeps on pretending that he's paying for pork and getting dog is pretty apt to get dog in the end.

But all that aside, I want you to get it firmly fixed in your mind right at the start that this trip is only an experiment, and that I am not at all

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

TRADE PRICE :

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

Per lb.

"Order direct or through your jobber."

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

Special prices to Canadians under the new Tariff.

ESTABLISHED 1878.

THOMPSON'S PRINTERS
PEARLINE
REGISTERED.

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

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

WORKS: HIGH COURT LANE, LEEDS

England

sure that you were cut out by the Lord to be a drummer. But you can figure on one thing—that you will never become the pride of the pond by starting out to cut figure eights before you are firm on your skates.

A real salesman is one part talk and nine parts judgment; and he uses the nine parts of judgment to tell when to use the one part of talk. Goods ain't sold under Marquis of Queensberry rules any more, and you will find that knowing how many rounds the Old 'Un can last against the Boiler-maker won't really help to land up the junior partner with our corn-fed brand hams.

A good many salesmen have an idea that buyers are only interested in baseball and funny stories, and Tom Lipton, and that business is a side line with them; but as a matter of fact mighty few men work up to the position of buyer through giving up their office hours to listening to anecdotes. I never saw one that liked a drummer's joke more than an eighth of a cent a pound on a tierce of lard. What the house really sends you out for is orders.

ESTABLISHED 1850. ESTABLISHED 1850.

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

PATENT PAPER PERFORATED & SPECIAL TUBES & SPOOLS FOR BLEACHING AND DYEING.
PERFORATED TUBES on E. JAGGER & Co's Patent System.
GANNETTES, PAPER FIRMS.
Patent Conical and Parallel TUBES and SPOOLS FOR KING SPINNING.
OLDEST MAKERS OF PAPER SPOOLS & BLOCKS FOR KING SPINNING.
COMPRESSED PAPER BOBBINS OF ALL KINDS FOR MILL PURPOSES.
For Ring, Mule, Spinning and Ring Frames, Worring, Trolleys, and Ring Spinning Bobbins, Twist Bobs, &c.
Special WARPING BOBBINS for Exporting Yarns, Twines, &c.
PAPER TAP SLEEVES for Presses, &c. REASS & WHITE SPINNING SINGLE.
Sole Makers of SWAILES' PATENT TUBING APPARATUS.
(EITHER PERMANENT OR PORTABLE)
Which is self-acting, and requires but little attention, and is the most expeditious for placing Tubes on the Spindles of Ring, Trolleys, and Frames, &c. &c.
Manufacturer Royal Exchange; Telegrams "TUBERY, Oldham" No. 10 Fildes, Daily. All communications to be addressed to the Works.

Oldham Cop Tube Works.
MOORHEY, OLDHAM,
ENGLAND.

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

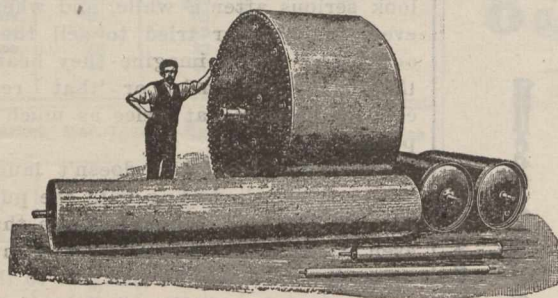
Donovan & Co., Ltd.,

Successors to

J. S. LEACH & Co, Ltd.

Engineers, Tin and
Copper Smiths.

Designers of Special
Machinery.



Broughton Bridge Iron Works,
SALFORD, MANCHESTER. ENGLAND.

D. & S. Electrical Accessories.

CIRCUIT BREAKERS

Automatic Maximum, Minimum,
and Reverse Current

WITH PATENT "GRIP" CONTACTS.

Send Enquiries to :—

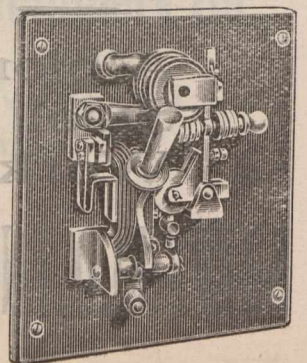
DORMAN & SMITH.

Head Office and Works:—

Ordsal Electrical Works,
SALFORD, MANCHESTER, Eng.

And at

94, Charing Cross Road, London, W.C., Eng.
56, Margaret Street, Sydney, N.S.W.



Three Gold Medals Awarded, 1899.
Silver Medal, Highest Award, Al-
trincham Show, 1900.

Telegrams: "CHALLINER," Manchester.
"INAUDIBLE," London.

The Shrewsbury & Challiner Tyre Co., Ltd.,

MANUFACTURERS OF

INDIA RUBBER CARRIAGE

.....AND.....

MOTOR CAR TYRES EVERY DESCRIPTION.



Over 500 Tons supplied during 1900.
Made in three sizes to suit all classes of Vehicles.

Our Tyres are Noted for **Comfort, Combined with Strength and Durability.**

All Sizes of **AMERICAN WARNER WHEELS** always in stock.
STEEL SPOKE WHEELS for Carriages, Motor Cars, &c.

Manchester, Eng: Registered Office and Works, Kay St., Ardwick Green.
London, Eng: Office and Works, 24 Page Street, Westminster, S. W.

WRITE FOR DESCRIPTIVE PRICE LIST.

(Cuts will be inserted as soon as received.)

Of course, you want to be nice and mellow with the trade, but always remember that mellowness carried too far becomes rottenness. You can buy some fellows with a cheap cigar, and some with a cheap compliment, and there's no objection to giving a man what he likes, though I never knew smoking to do anything good except a ham, or flattery to help anyone except, to make a fool of himself.

Real buyers ain't interested in much besides your goods and your prices. Never run down your competitor's brand to them, and never let them run down yours. Don't get on your knees for business, but don't hold your nose so high in the air that an

order can travel under it without your seeing it. You'll meet a good many people on the road that you won't like, but the house needs their business.

Some fellow will tell you that we play the hose on our dry salt meat before we ship it and that it shrinks in transit like a Baxter street Jew's all-wool suits in a rainstorm; that they wonder how we manage to pack solid gristle in two-pound cans without leaving a little meat hanging to it; and that the last car of lard was so strong that it came back of its own accord from every retailer they shipped it to. The first fellow will be lying, and the second will be exaggerating, and the third may be tell-

ing the truth. With him you must settle on the spot; but always remember that a man who's making a claim never underestimates his case and that you can generally compromise for something less than the first figure. With the second you must sympathize, and say that the matter will be reported to headquarters, and the boss of the canning room called up on the carpet and made to promise that it will never happen again. With the first you needn't bother. There's no use feeding expensive "hen-food" to an old Dominick that sucks eggs. The chances are that the car weighed out more than it was billed, and that the fellow played the hose on it him-

EDGAR ALLEN

& CO., LTD.,

Imperial Steel Works,

SHEFFIELD,

MANUFACTURERS OF

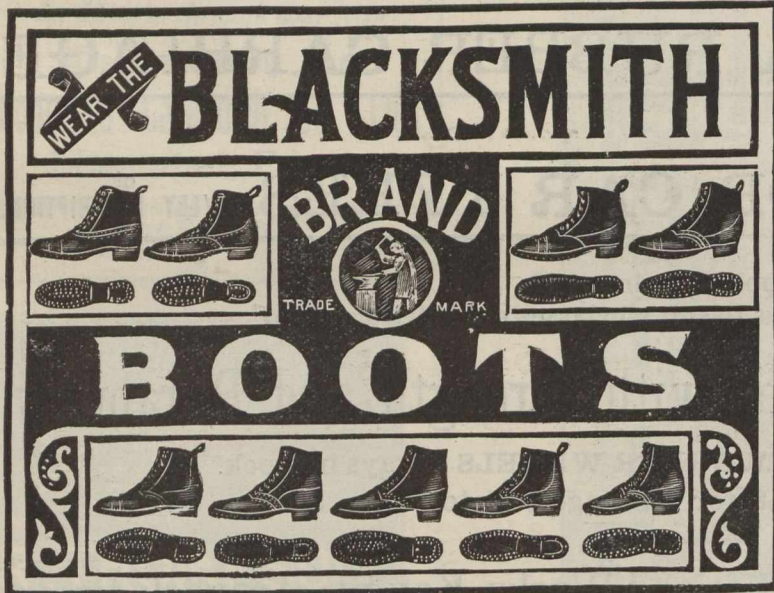
STEEL CASTINGS

Crusher Jaws, Cams, Tappets, Heads, Machine-Moulded Gearing, Truck and Skip Wheels and Axles,
Miners' Drill Steel, Tool Steel, Files, &c.

TURNER'S PATENT IRON-FIBRED STEEL.

JOHN HALLIDAY & SON

Wholesale and Export Manufacturers
Of Strong and Medium



Men's,
Women's
and
Children's

BOOTS

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

WARRANTED
ALL
LEATHER.

BRAMLEY, LEEDS,
ENGLAND.

MONTREAL WHOLESALE PRICES CURRENT.
THURSDAY, MARCH 20, 1902.

Name of Article.	Wholesale		
	\$	c.	3 c.
Drugs & Chemicals			
Acid Carbolic Cryst medl.....	0 35	0 40	
Aloes, Cape.....	0 16	0 18	
Alum.....	1 40	1 75	
Borax, xis.....	0 04	0 06	
Brom. Potass.....	0 70	0 80	
Camphor. Ref oz. ck.....	0 00	0 80	
Citric Acid.....	0 40	0 45	
Citrate Magnesia lb.....	0 25	0 45	
Cocaine Hyd. (os).....	6 00	6 50	
Copperas, per 100 lbs.....	0 75	0 80	
Cream Tartar.....	0 20	0 25	
Epsom Salts.....	1 25	1 75	
Glycerine.....	0 16	0 20	
Gum Arabic per lb.....	0 20	0 40	
" Trag.....	0 50	1 00	
Insect Powder lb.....	0 25	0 40	
do per keg, lb.....	0 32	0 30	
Menthol, lb.....	5 00	5 50	
Morphia.....	1 65	1 75	
Oil Peppermint lb.....	2 75	2 50	
Oil Lemon.....	1 25	1 50	
Opium.....	3 75	4 00	
Oxalic Acid.....	0 06	0 09	
Phosphorus.....	0 50	0 75	
Potash Bichromate.....	0 08	0 10	
Potash Iodide.....	3 00	3 40	
Quinine.....	0 35	0 45	
Strychnine.....	0 65	0 80	
Tartaric Acid.....	0 30	0 35	
Licorice.—			
Stick, 4, 6, 8, 12, & 16 to lb., 5 lb. boxes.....	2 00	0 00	
Acme Licorice Pellets, cans.....	2 00	0 00	
Licorice Lozenges, 1 5 lb. cans.....	1 50	0 00	
Heavy Chemicals.			
Bleaching Powder.....	2 00	3 00	
Blue Vitriol.....	4 75	6 75	
Brimstone.....	2 00	2 50	
Caustic Soda 60.....	2 25	2 50	
" " 70.....	2 50	2 75	
Soda Ash.....	1 25	1 50	
Soda Bicarb.....	1 75	2 25	
Soda Bicarb.....	0 75	0 85	
Sal. Soda.....	1 50	2 00	
Dyestuffs.			
Archil. con.....	0 27	0 29	
Cutch.....	0 08	0 09	
Ex. Logwood.....	0 09	0 12	

self and added a thousand pounds of cheap salt before he jobbed it out to his trade.

Where you're going to slip up at first is in knowing which is which, but if you don't learn pretty quick you'll not travel very far for the house. For our own satisfaction I will say right here that you may know you are in a fair way of becoming a good drummer by three things:

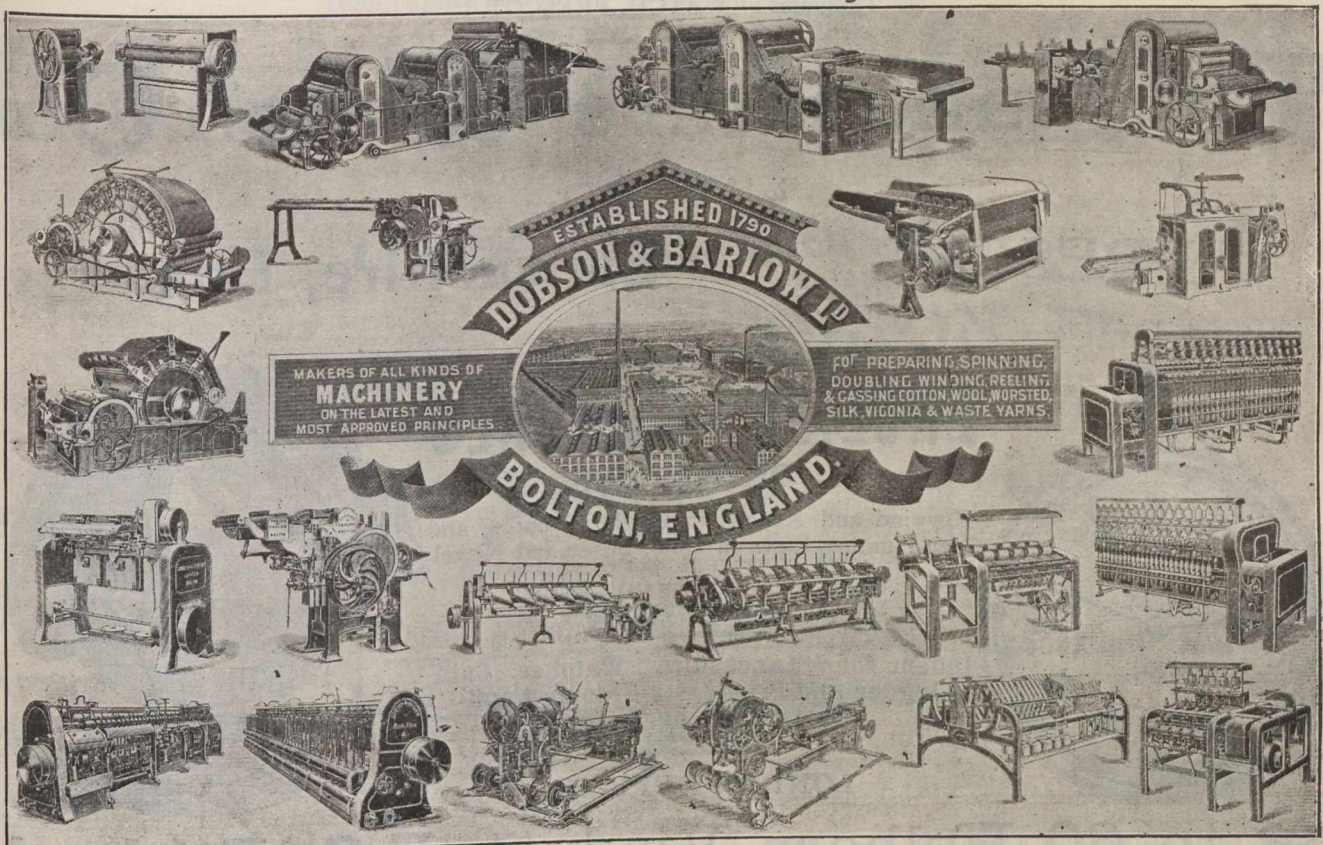
First—When you send us orders.
Second—More orders.
Third—Big orders.

If you do this you won't have a great time to write long letters, and we won't have a great deal of time to read them, for we'll be very, very busy here making up and shipping the goods. We aren't specially interested in orders that the other fellow gets, or in knowing how it happened after it has happened. If you like life on the road you simply won't let it happen. So just send us your address every day and your orders. They will tell us all that we want to know about "the situation."

I was cured of sending information to the house when I was very, very young—in fact, on the first trip I made on the road. I was travelling out of Chicago for Hammer & Hawkins, wholesale dry goods, gents' furnishings and notions. They started me out to round up trade in the river towns down Egypt ways, near Cairo. I hadn't more than made my first town and sized up the population be-

MONTREAL WHOLESALE PRICES CURRENT
THURSDAY, MARCH 20, 1902.

Name of Article.	Wholesale.		
	\$	c.	3 c.
Chip Logwood.....			
Labrador HERRINGS, N.F.....	1 75	2 50	
Indigo (Bengal).....	1 50	1 75	
Indigo Madras.....	0 70	1 00	
Gambler.....	0 07	0 08	
Madder.....	0 09	0 12	
Sumac.....	60 00	65 00	
Tin Crystals.....	0 23	0 30	
Fish.			
Bloaters, per box.....	1 00	1 25	
Labrador HERRINGS, N.F.....	0 00	0 00	
HERRINGS, Nova Scotia.....	0 00	5 30	
Mackerel No. 2, brls.....	0 00	12 50	
" " " 1/4 barrel.....	6 00	6 50	
Green Cod, No. 1.....	7 00	7 50	
Green " large.....	0 00	8 00	
No. 2.....	5 00	5 50	
Large dry Gaspe per qntl.....	5 00	5 25	
Salmon, brls Lab.....	11 50	14 00	
Salmon, (half brls).....	0 00	6 50	
Salmon, Brit. 50l brls.....	11 50	12 00	
Boneless Fish.....	0 04	0 06	
" Cod.....	5 00	5 50	
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.....	21 00	22 00	
Loch Fyne HERRINGS, keg.....	1 10	1 15	
Flour.			
Winter Wheat patents.....	4 00	4 10	
Manitoba patents.....	0 00	4 10	
Straight roller.....	3 65	3 80	
do bags.....	1 75	1 85	
Strong Bakers.....	0 00	3 80	
Superfine.....	0 00	0 00	
Rolled Oats.....	5 40	5 50	
Corn meal, bag.....	1 50	1 55	
Bran bulk.....	19 00	20 00	
Shorts.....	21 00	22 00	
Moullie.....	24 00	27 90	
Farm Products.			
BUTTER; Choicest Cr.....	0 21	0 22	
Winter makes do.....	0 20	0 21	
Townships Dairy.....	0 17	0 17	
2nd Grade.....	0 00	0 00	
Western.....	0 14	0 16	
Good to choice.....	0 13	0 15	
Fresh Rolls.....	0 17	0 18	



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

MONTREAL WHOLESALE PRICES CURRENT THURSDAY, MARCH 20, 1902.

Name of Article.	Wholesale	
	\$ c.	\$ c.
Farm Products.—Con.		
CHEESE:		
Finest, Oct.....	0 11	0 11
Eastern, do.....	0 10	0 10
Quebec.....	0 00	0 00
Eggs:		
New laid (shipped).....	0 16	0 16
Held fresh.....	0 00	0 00
Straight fall.....	0 00	0 00
Limed.....	0 00	0 00
Cold storage.....	0 00	0 00
Hens: N. Y. State, per D.....	0 11	0 12
Pacific Coast.....	0 14	0 14
Canadian.....	0 12	0 19
German.....	0 28	0 35
English.....	0 20	0 00
British Columbia.....	0 18	0 26
HOG PRODUCTS:		
Bacon, smoked, per D.....	0 14	0 15
Hams, city cured.....	0 12	0 14
Pork Ca. s.c. per bbl.....	21 50	22 00
do mess.....	21 00	22 50
Dressed Hogs, light.....	8 00	0 00
do heavy.....	7 50	0 00
Lard, per D Can pure.....	0 11	0 11
do. Com. Refined.....	0 07	0 08
SUNDRIES:		
Potatoes, per bag of 90 lbs.....	0 75	1 00
Honey, White Clov., Comb.....	0 10	0 11
do. Extracted.....	0 06	0 08
Beeswax.....	0 25	0 30
BRANS:		
prime.....	1 10	1 15
do. Best hand-picked.....	0 00	1 20
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 87	0 95
Peaches, 2-lb.....	1 65	1 80
do. 1-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. 2 s.....	0 00	1 50
Gr'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
Peas, 2-lb. tins.....	0 82	0 90
String Beans.....	0 80	0 85
Sugars: Factory.		
Ex Granulated, brls.....	0 00	3 80
Acadia gran'd.....	0 06	3 75
Ex Ground, in brls.....	0 00	4 55
do. in bxs.....	0 00	4 75
Powdered, in brls.....	0 00	4 30
do. boxes.....	0 00	4 45
Paris Lumps, in brls.....	0 00	4 55
do. half brls.....	0 00	4 65
do. 100-lb bxs.....	0 00	4 55
do. 50-lb bxs.....	0 00	4 65
Branded Yellows.....	3 05	8 55

fore I began to feel happy; because I saw that business ought to be very good there. It appeared as if everybody in the town needed something in my line. The clerk of the hotel where I registered wore a dicky and his cuffs were tied to his neck by pieces of string run up his sleeves, and most of the merchants on the main street were in their shirt sleeves—at least those who had shirts were—and so far as I could judge there wasn't a whole pair of galluses among them. Some were using wire, some a little rope, and others, just faith—buckled extra tight. Pride of the Prairie XXX flour sacks seemed to be the nobby thing in boy's suitings there. Take it by and large, if ever there was a town which looked as if it had a big, short line of dry goods, gents' furnishings and notions to cover, it was that one.

But when I caught the proprietor of the general store during a lull in the demand for navy plug, he would not even look at my samples, and when I hinted that the people were pretty ornery dressers he reckoned that he "would paste me one if I were not so young." Wanted to know what I meant by coming swelling around in song-and-dance clothes and getting funny at the expense of people who made their living honestly. Intimated that when it came to a humorous get-up my clothes were the original end-man's gag.

I noticed on the way back to the hotel that every fellow holding up a hitching-post was laughing, and I began to look up and down the street for the joke, not understanding at first that the reason why I couldn't see it because I was it. Right there I began to learn that, while the Prince of Wales may wear the right thing in hats, it's safer when you're

MONTREAL WHOLESALE PRICES CURRENT THURSDAY, MARCH 21, 1902.

Name of Article.	Wholesale	
	\$ c.	\$ c.
Molasses (Barbados).....	0 24	0 27
do brls. & 1/2s.....	0 26	0 30
Evaporated Apples.....	0 09	0 10
Raisins:		
Sultanas.....	0 09	0 12
Loose Musc. Malaga.....	0 08	0 10
Layers, London.....	0 00	1 50
Con. Cluster.....	0 00	2 00
Extra Dessert.....	0 02	2 75
Royal Bucking'm.....	0 00	3 25
Valencia.....	0 05	0 06
do Selected.....	0 06	0 06
do Layers.....	0 06	0 07
Currants, Provincials.....	0 00	0 05
Filiatras.....	0 00	0 08
Patras.....	0 00	0 00
Vostizzas.....	0 00	0 07
Prunes, Cal.....	0 07	0 09
do French.....	0 04	0 05
Figs in bags.....	0 08	0 10
do new layers.....	0 08	0 13
Baking Soda, 112 lb. keg.....	0 08	1 70
Spices:		
Cassia..... mats.....	0 12	0 15
Mace..... chests.....	0 90	1 30
Cloves.....	0 15	0 16
Nutmegs.....	0 35	1 00
Jamaica ginger, bl.....	0 08	0 15
do unbl.....	0 07	0 14
African.....	0 05	0 10
Pimento.....	0 17	0 12
Pepper, Black.....	0 17	0 19
do White.....	0 25	0 27
Mustard, 4 lb jar, Eng.....	0 72	0 75
do 1 lb.....	0 23	0 25
Rice, C. C.....		
standard B.....	0 00	3 00
do Patna..... 100 lb.....	4 12	4 30
do Burmah.....	4 00	4 10
do Crystal Japan.....	5 00	5 10
do Carolina..... 100 lb.....	6 60	7 60
Pot Barley, bag 95 lbs.....	0 00	2 20
Pearl..... per lb.....	0 03	0 05
Tapioca, Pearl.....	0 00	0 04
do Flake.....	0 00	0 05
Gelatine, 1 qt pk.....	1 10	0 00
do 1 1/2 qt pk.....	1 75	0 00
Vinegar: less 10 p.c. dis.		
Imp Trip.....	0 33	0 00
Cote D'or.....	0 28	0 00
Crystal Pickling.....	0 23	0 00
W. W. XXX.....	0 25	0 00
W. W. XX.....	0 20	0 00
W. W. X.....	0 17	0 00
Pure Malt.....	0 45	0 00
Cider X.....	0 17	0 00
do XXX.....	0 27	0 00
Hardware.		
Antimony.....	0 09	0 10
7/8. Block, L & F, 1/2 B.....	0 00	0 29
do Straits.....	0 00	0 00
do Strip.....	0 00	0 30
Copper: Ingot.....	0 00	0 00
CUT NAIL SCHEDULE.		
Base Price, per Keg, car lots.....	2 27	0 00
Less quantity.....	2 35	0 00
Extras—Over and above 30d, 40d, 50d, 60d and 70d Nails.....		

Telegrams: "WATCH, PRESCOT."

The Lancashire Watch Co.

LIMITED.

PRESCOT, Lancashire, Eng.

The Largest Manufacturers of

ENGLISH WATCHES

In Great Britain.

Keywind and Keyless in Crystal, Hunting and Half-Hunting Cases in Gold, Silver and Nickel

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Birmingham Offices: 62 ALBION STREET, ENGLAND.

AGENTS FOR CANADA:

Messrs. ELLIS & Co., King St. West, TORONTO, Ont.

MONTREAL WHOLESALE PRICES CURRENT THURSDAY, MARCH 20, 1902.

Name of Article.	Wholesale.	
	\$ c	\$ c
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 advance.		
Fine blued nails—		
2d per 100 lbs.....	1 00	0 00
3d ".....	1 50	0 00
Casing, Box, Tobacco Box and Flooring Nails—		
30 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 2 1/2 ".....	0 70	0 00
1 1/2 and 1 1/4 ".....	0 95	0 00
1 1/2 ".....	1 20	0 00
1 ".....	1 50	0 00
Slatting nails—		
1 1/2 and 1 1/4 inch per 100 lbs.....	0 95	0 00
1 1/4 ".....	1 20	0 00
1 ".....	1 50	0 00
Common barrel nails—		
1 1/2 inch per 100 lbs.....	1 00	0 00
1 ".....	1 00	0 00
1 1/4 ".....	1 25	0 00
1 1/8 ".....	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 2 1/2 ".....	0 70	0 00
1 1/2 and 1 1/4 ".....	0 95	0 00
1 1/2 ".....	1 20	0 00
1 ".....	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 2 1/2 ".....	1 65	0 00
1 1/2 and 1 1/4 ".....	1 85	0 00
1 1/2 ".....	2 50	0 00
1 ".....	3 00	0 00
Coil Chain—No. 8.....	0 11 1/2	0 00
" 5.....	0 10	0 00
" 4.....	0 09 1/2	0 00
" 3.....	0 09	0 00
1/2 inch.....	0 07 1/2	0 00
5-16.....	4 35	0 00
7/16.....	4 25	0 00
1.....	4 00	0 00

out of his sphere of influence to follow the styles that the hotel clerk sets; that the place to sell clothes is in the city, where everyone seems to have plenty of them; and the place to sell mess pork is in the country, where everyone keeps hogs. That is why when a fellow comes to me for advice about moving to a new country, where there are more opportunities, I advise him—if he is built right—to go to an old city where there is money.

I wrote in to the house pretty often on that trip, explaining how it was, going over the whole situation very carefully, and telling what our competitors were doing, wherever I could find that they were doing anything.

I gave old Hammer credit for more curiosity than he possessed, because when I reached Cairo I found a telegram from him reading: "Know what our competitors are doing; they are getting all the trade. But what are you doing?" I saw then that the time for explaining was gone and that the moment for resigning had arrived; so I just naturally sent in my resignation. That is what we will expect from you—or orders.

Your affectionate father,
JOHN GRAHAM.

DRIFT OF AGRICULTURE.

While the Canadian West is constantly increasing in population, somewhat at the expense of the agricultural portion of the older provinces, a

MONTREAL WHOLESALE PRICES CURRENT THURSDAY, MARCH 20, 1902.

Name of Article.	Wholesale.	
	\$ c	\$ c
Oil Chain—No. 1/2.....	3 85	0 00
9-16.....	3 75	0 00
3/4.....	3 65	0 00
1/2.....	3 76	0 00
1 in.....	3 60	0 00
Galvanized Staples—		
100 lb. box, 1 1/2 to 1 3/4.....	3 25	0 00
Bright, 1 1/2 to 1 3/4.....	2 90	0 00
Galvanized Iron:		
Queen's Head, } gauge 28.....	4 40	4 65
or equal.....		
Comet do 28 gauge.....	4 10	4 35
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'l, 6 ft. x 2 1/2 ft., 15.....	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
larger.....	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 Extra.		
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.....	2 72	
1/4 in.....	2 92	
3/8 in.....	3 42	
1 in.....	4 85	
1 1/4 in.....	6 85	
1 1/2 in.....	8 20	
2 in.....	11 00	
per 100 ft. nett.		
Steel, cast p.l.b., Blk Diam'd.....	0 08	base
" Spring, 100 lbs.....	2 75	0 00
" Tire.....	2 20	base
" Sleigh shoe, 100 lbs.....	2 10	base
" Toe Calk.....	2 66	
" Machinery.....	2 75	base
" Harrow Tooth.....	2 50	
Tin Plates:		
IC Coke, 14 x 20.....	4 25	
IC Charcoal, 14 x 20.....	4 50	
IX Charcoal.....	5 50	
IX.....	6 50	

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....

70,000

I. H. P. Supplied for
Electrical Purposes
alone.

MONTREAL WHOLESALE PRICES CURRENT.
THURSDAY, MARCH 20, 1902.

Name of Article.	Wholesale.
Terne Plate IC, 20x24	7 75 0 00
Russ. Sheet Iron	0 10 0 00
Lion & Crown tin'd sh'ts	0 00 7 00
22 and 24 gauge case lots	3 25 3 35
26 gauge	0 00 7 00
Lead: Pig, per 100 lbs;	3 25 3 35
Sheet	0 00 0 00
Shot, 100 lb., less 2 1/2 p.c.	7 00 6 50
Lead Pipe, per 100 lbs.	7 00 0 00
	less 35 p.c.
Zinc:	
Spelter, per 100 lbs.	0 00 4 75
Sheet, Zinc "	5 75 6 00
Black Sheet Iron.	
Per 100 lbs.	
8 to 16 gauge	2 45 0 00
18 to 20 do	2 40 0 00
22 to 24 do	2 45 0 00
26 do	2 50 0 00
28 do	2 55 0 00
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 f.o.b.
Spring Wire per 100, 1.25	Montreal.
net extra.	
Iron and Steel Wire pl'n	2 80 base.
6 to 9	
Rope.	
Sisal, base	0 00
" 7-16 and up	0 12
" 3/4	0 12
" 5-16 "	0 12
" 3-16 "	0 13
Manilla, 7-16 & lgr.	0 12
" 3/4	0 16
" 5-16 "	0 16
" 3-16 "	0 17
" 3-16 "	0 17
Lath yarn	0 17 1/2
	0 10 1/2
Wire Nails.	
Base Price carload	2 50
Less than	2 55
2d extra	1 00
2d f	1 00
3d "	0 65
4d and 5d "	0 40
6d and 7d "	0 30
8d and 9d "	0 15
10d and 12d "	0 10
16d and 20d "	0 05
30d to 60d "	Base
Building Paper.	
Tarred felt, per 100 lbs.	1 70 0 00
2 ply, Ready R'f'g., roll	0 85 0 00
" "	1 10 0 00

superficial glance at the census returns does not give an accurate idea of the gradual transformation in the agricultural districts. We hear on every side of the great yearly increase of population in the United States, yet in comparing the census returns of the Eastern States there is shown a falling off in the agricultural statistics as compared with former decades. Discussing farm tendencies in Massachusetts, a Springfield paper states that the transformation of agriculture in Massachusetts, enforced by the settlement of the great West and the development of cheap transportation is made especially manifest in the recent census returns. First is to be considered the number of farms for several census years and the acreage in farms, improved and unimproved:

	No. of farms.	Improved farms.	Acreage.	Improved acreage.	prov.
1900	.37,715	3,147,064	1,292,132	41.1	
1890	.34,374	2,998,282	1,657,024	55.3	
1880	.38,406	3,359,079	2,128,311	63.4	
1870	.26,500	2,730,283	1,736,221	63.6	
1860	.35,601	3,838,724	2,155,512	64.6	
1850	.34,069	3,356,012	2,133,436	63.6	

The present tendency is toward intensive agriculture, and the number of farms should have uniformly increased in all these years. The ups and downs in this number must apparently be attributed to an imperfect enumeration and some changes in classification.

There can be no question about the general tendency. This is better brought out in the figures as to acreage. The pretty steady decline in improved acreage tells the story. Only 41 per cent. of the acreage given to farms is now cultivated, against 55 per cent. 10 years ago and 63.4 per cent. 20 years ago. A larger and larger proportion of farm land has been allowed to go to pasturage, while the cultivated acreage formerly given over to grain growing is now being narrowed

MONTREAL WHOLESALE PRICES CURRENT.
THURSDAY, MARCH 20, 1902.

Name of Article	Wholesale.
Hides and Tallow.	
Montreal Green Hides	
" No. 1	0 07 0 00
" No. 2	0 06 0 00
" No. 3	0 05 0 00
Tanners pay \$1 extra for sorted	
cur'd & inspect'd Sheepskins	0 00 0 00
Clips	0 00 0 10
Lambskins each	0 00 0 10
Calfskins, No. 1	0 00 0 08
" No. 2	0 00 0 08
Horsehides	1 50 2 00
Leather	
No. 1 B. A. Sole	0 27 0 25
No. 2 B. A. Sole	0 25 0 26
No. 3 B. A. Spanish Sole	0 24 0 25
Slaughter, No. 1	0 28 0 29
light medium & heavy	0 28 0 29
" No. 2	0 26 0 27
Harness	0 26 0 52
Upper, heavy	0 34 0 36
Upper, light	0 35 0 37
Grained Upper	0 34 0 35
Scotch Grain	0 35 0 38
Kip Skins, French	0 60 0 65
English	0 45 0 55
Canada Kip	0 50 0 60
Hemlock Calf	0 50 0 70
" Light	0 50 0 60
French Calf	0 85 1 10
Splits, light and medium	0 22 0 25
" heavy	0 17 0 20
" small	0 18 0 20
Leather Board, Canada	0 06 0 10
Enameled Cow, per ft.	0 16 0 18
Pebble Grain	0 12 0 14
Glove Grain	0 12 0 13
B. Calf	0 15 0 20
Brush (Cow) Kid	0 11 0 13
Buff	0 13 0 16
Russetts, light	0 85 0 40
" heavy	0 25 0 30
" No. 2	0 85 0 40
" Saddlers' doz.	7 50 9 00
Int. French Calf	0 65 0 75
English Oak lb	0 30 0 35
Dongola, extra	0 38 0 42
" No. 1	0 20 0 22
" ordinary	0 14 0 16
Colored Pebbles	0 13 0 16
" Calf	0 16 0 22
Oils	
Cod Oil	0 37 0 40
S. R. Pale Seal	0 50 0 55
Straw Seal	0 40 0 50
Cod Liver Oil, Nfld. Norw	
" Process	0 85 1 00
" Norwegian	0 95 1 10
Castor Oil	0 09 0 10
Castor Oil brls.	0 00 0 02 1/2
Lard Oil, Extra	0 75 0 85
" "	0 65 0 75
Linseed, raw, nett.	0 79 0 80
" boiled, nett	0 82 0 83
Olive, pure	1 05 1 15
Extra, qt., per case	0 00 3 70
Turpentine, nett	0 66 0 67
Petroleum:	
Benzine	0 20 0 30
Gasoline	0 19 0 20
Silver Star	0 14 0 15 1/2

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London, Eng.;
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TELEPHONE No 453
TELEGRAMS: MACKINTOSH
CONFECTIONERS HALIFAX

CONFECTIONERS

HALIFAX
ENGLAND

MONTREAL WHOLESALE PRICE CURRENT
THURSDAY, MARCH 20, 1902.

Name of Article.	Wholesale.	
	\$ c.	\$ c.
Imperial Acme.....	0 16	0 17
American W. W.....	0 18	0 19
Astral.....	0 19	0 20
Glass.		
1 pint tapers, 00 to 25.....	0 00	2 10
do 26 to 40.....	0 00	2 20
do 41 to 50.....	0 00	4 70
do 51 to 60.....	0 00	4 95
Paints, &c.		
Lead pure 50 to 100 lb. cgs.....	0 00	5 87½
do No. 1.....	0 00	5 50
do No. 2.....	0 00	5 12½
do No. 3.....	0 00	4 75
do No. 4.....	0 00	4 62½
White Lead dry.....	5 50	5 50
Red Lead.....	5 00	5 50
Venetian Red Eng'g.....	1 75	2 00
Yel. Ochre, French.....	1 50	3 25
Whiting, ordinary.....	0 45	0 50
do Gilders.....	0 60	0 70
do Paris, do.....	0 85	1 00
English Cement, cask.....	2 25	2 35
Belgian do.....	1 70	1 95
German do.....	2 30	2 50
American do.....	2 25	2 50
Fire Bricks per 1000.....	16 00	22 00
Fire Clay.....	2 75	1 75
Rosin.....	2 75	4 50
Glue:		
Domestic Broken Sheet.....	0 13	0 15
French Casks.....	0 11	0 13
do brls.....	0 00	0 14
American White, brls.....	0 16	0 20
Coopers' Glue.....	0 20	0 25
Golden Ochre.....	0 04	0 04
Brunswick Green.....	0 04	0 10
French Imperial Green.....	0 12	0 16
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.....	2 00	2 25
do do Pure.....	2 25	2 75
White do.....	2 75	3 00
Patty Bulk 100 lb. brl.....	0 00	2 00
Parisgreen in drum 1 lb pk.....	0 18	0 19
Wool		
Canadian Washed.....	0 12	0 2
North West.....	0 13	0 1
Unwashed.....	0 08	0 00
Pulled, combing.....	0 00	0 00
do super.....	0 00	0 00
do extra.....	0 00	0 21
B. A. Scoured.....	0 34	0 35½
Natal.....	0 16	0 16½
Osne, greasy.....	0 15	0 16½
Chilian.....	0 00	0 00
Australian greasy.....	0 16	0 20

Massachusetts farms will serve in part to bring out the changes going on in farm production:

	Dairy Other neat			
	cows.	cattle.	Sheep.	Swine.
1900	184,562	101,382	33,869	78,925
1890	172,046	84,082	51,438	91,483
1880	150,435	110,616	67,979	80,123
1870	114,771	104,281	78,560	49,178
1860	144,492	135,422	114,829	73,948
1850	130,099	129,895	188,651	81,119

Dairying obviously has been receiving most attention, the increase in number of dairy cows being considerable and quite uniformly spread over the 50 years. There has been little change in the number of swine, but sheep do not gain ground as might be expected from the large abandonment of ground formerly cultivated and the consequent increase of cheap pasturage on the hill farms of the state. The horse is not a disappearing factor in the progress of intensive agriculture. Some 75,034 of these animals were found on the farms of Massachusetts, in the census year, compared with 63,638 in 1890, 59,629 in 1880, and 42,216 in 1850. Dairying and market gardening call for more horses rather than fewer, in the quick city marketing of perishable product which is required of agriculture as now conducted.

To go no further back than 20 years we have the following changes in grain acreage:

	Buck.			
	Barley.	wheat.	Corn.	Oats.
1899	638	2,262	39,131	6,702
1889	1,785	2,473	34,010	14,331
1879	3,171	5,617	52,555	20,659

The fall is abrupt in nearly all cases—even wheat, never much of a Massachusetts crop, declining from 963 acres in 1879 to 95 acres in 1899. Extending the comparison back to 1850, in amount of production, we have a barley crop in 1899 of only 14,897 bushels, against 112,835 in 1850; a buckwheat crop of 36,034 bushels, against 105,895 in 1850; a corn crop of 1,539,980 bushels against 2,345,490; an oats yield of 240,990 bushels, against 1,165,146; a rye crop of 60,294 bushels, against 481,021; and a wheat crop of 1,750 bushels, against 31,211 in 1850 and 119,783 in 1860.

Consider, now, the contrary movement in fruit culture, which does not suffer so much from western competition. The comparison is for 10 years only, and the figures represent numbers of trees:—

	1900.	1890.
Apples.....	1,852,046	1,697,551
Apricots.....	481	403
Cherries.....	17,258	14,495
Peaches.....	301,40	87,004
Pears.....	148,503	136,348
Plums and prunes.....	49,452	17,296

In every case there is a marked increase, and in peaches a most noteworthy expansion.

The Massachusetts farmer, in a word, is finding satisfactory substitutes for the grain-growing to which he formerly gave attention, but from which he has been driven by western competition, and drawn by the remarkable urban development of the state through the attention given to manufactures. And in dairying, market gardening and fruit growing, Massachusetts agriculture finds its lands increasing in value and its production likewise. Tobacco raising has also become a great diversion from the old agriculture in Connecticut valley, where 99.6 per cent. of all produced in Massachusetts is to be found. The census statistics here go back to 1840, when, it was reported, 64,955 pounds were grown on an estimated area of forty acres. Last census year it was found that 1,009 farmers grew tobacco, producing 6,406,570 pounds, from 3,827 acres.

Much attention is given to farm tenancy in the present census. The following gives the number of farms and the percentage of the same operated by owners and tenants in three census years:

	Per cent operated by			
	Number of farms.	Owners.	Cash ten'ts.	Share ten'ts.
1900.	37,715	90.4	8.3	1.3
1890.	34,374	90.7	6.7	2.6
1880.	38,406	91.8	6.0	2.2

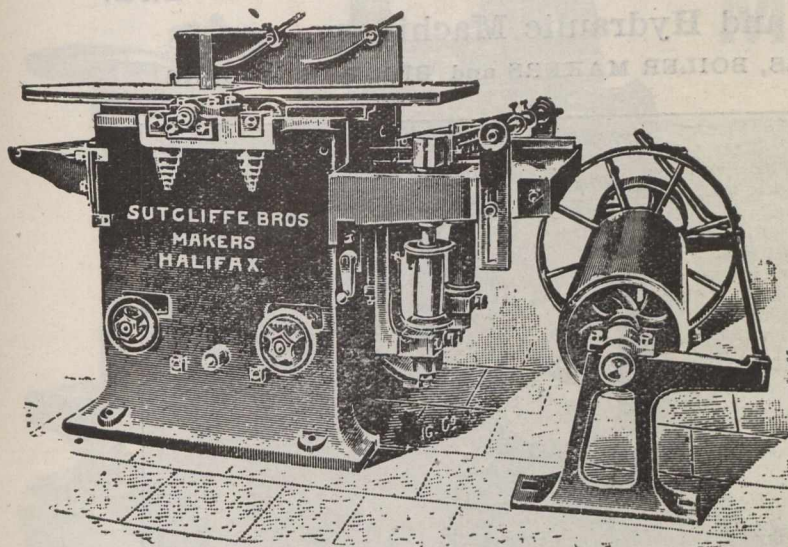
There is a slight increase in farm tenancy, and a noteworthy tendency to rent farms on the cash basis, instead of the old share system. Doubtless the

down to the purposes of market gardening and fruit growing.

The values of farm property accordingly are increasing and not decreasing. This aggregate value for Massachusetts is now given as \$182,646,704, against \$147,617,402 in 1890 and \$121,933,641 in 1850.

The statistics as to live stock on

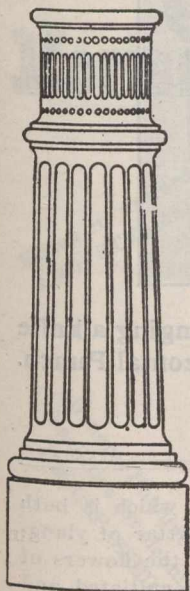
SUTCLIFFE BROS., Wood Working Machine Makers, Causeway, Halifax, Yorks, Eng.,



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 $\frac{3}{8}$ in. deep may be taken off without any slipping of the feed motion. The horizontal spindle is all in one piece of forged steel, and runs in long bearings of the best anti-friction metal. It is fitted with **THREE KNIVES** fixed on the twist to give a shearing cut. The upright spindles are of forged steel, and are adjustable across the width of the machine. Countershaft included with machine, and knives on all spindles ready for work. This machine will do more work per hour, and better work, than 20 good men.

Combined 3-Sided and Planing out of Twist Machine.

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IRELAND;**

division of lands into smaller and smaller farms for market gardening and fruit purposes accounts for the steadiness with which farms remain in the hands of operating owners—a situation being created especially favorable for farm operation on a small scale and within the reach of small capital.

The rented farms, it appears, are mostly in the hands of resident owners. There is no absentee landlordism worth mentioning in Massachusetts. Of the 3,603 rented farms on a small scale and within the reach of small capital. The rented farms, it appears, are mostly in the hands of resident owners. There is no absentee landlordism worth mentioning in Massachusetts. Of the 3,603 rented farms on a small scale and within the reach of small capital. It appears that these 3,166 farms were owned by 3,070 persons, showing that very few own more than one farm; and of the 3,070 owners, 2,732 reside in Massachusetts. Plainly the ambitions of multi-millionaires have not as yet turned to acquiring a monopoly in the farm lands of New England.

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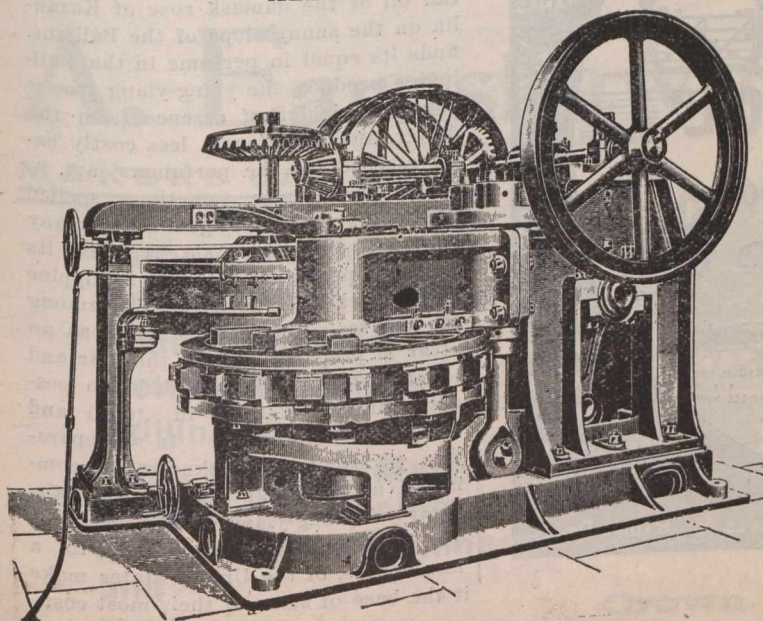
WEBSTER BROS. & PARKES,
228 ST. JAMES ST.,
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ATTAR OF YLANG-YLANG.

The division of insular affairs of the U.S. War Department has compiled some information about the existence of the famous ylang-ylang tree in the Philippines, the source of the famous

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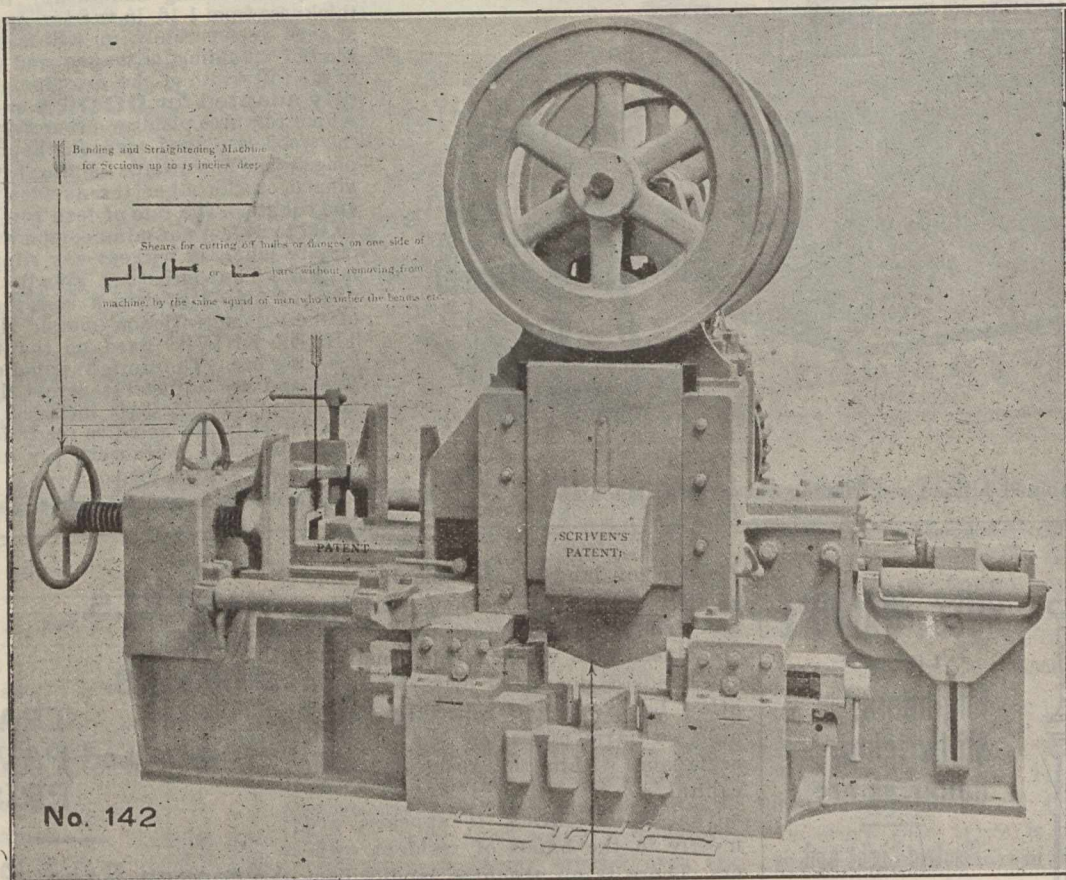
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Machine Tools and Hydraulic Machinery,

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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.

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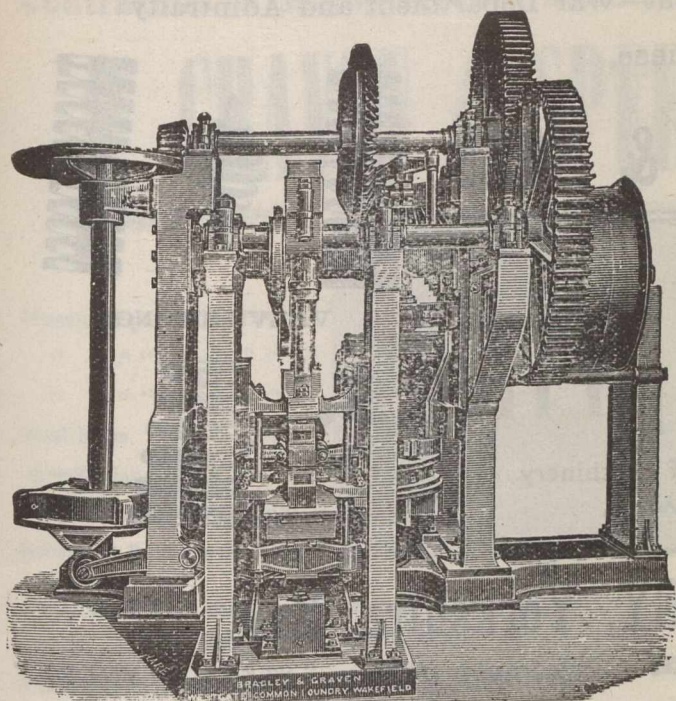
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LIGHT
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perfume by that name, which is both costly and delicious. Attar of ylang-ylang is obtained from the flowers of the ylang-ylang tree, a cultivated and wild tree often attaining a height of sixty feet. It belongs to the custard apple family, and its drooping greenish yellow flowers three inches long are of extraordinary fragrance.

The attar of roses, the famed essential oil of the damask rose of Kazanlik on the sunny slope of the Balkans, finds its equal in perfume in the Philippine product, the ylang-ylang tree is a better yielder of essence from the flower, and therefore a less costly basic essence for the perfumers' art.

The ylang-ylang, sometimes spelled ilang-ilang, while indigenous to many parts of tropical Asia, reaches its greatest perfection in the Philippine Islands, where it is a favorite among the natives. Besides its value as an attar in preparations for the hair and toilet waters, it is also held to possess curative virtues in tooth and other aches and pains. In a preparation of cocoanut oil known to commerce as Macassar oil, for the hair, attar of ylang-ylang is the perfume. The perfumers of Europe and, to a less degree, of the United States make it the base of some of their most cost-



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BRICK MACHINERY

For Working all kinds of Clay.

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

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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.

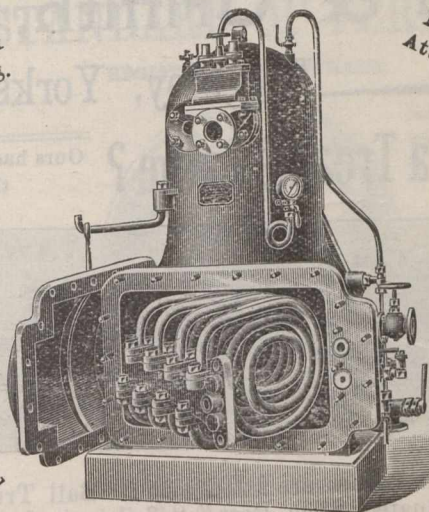
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Morison's Radial Evaporator

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General Handiness and Facilities for cleaning UNSURPASSED.

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

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HARTLEPOOL, ENGLAND

ly extracts. The Manila oil is practically without competition in the markets of the Western nations on account of superiority, and even at from \$40 to \$55 a pound, the supply is unequal to the demand.

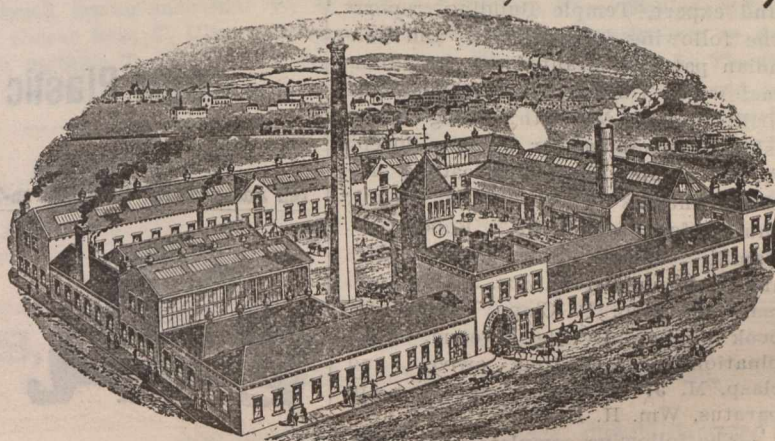
Hitherto the American supply came through Germany or France. Together with England, those countries have a monopoly of the product, which is generally secured in advance under contract for the entire output. The tree is common to many localities south of Manila. It is found chiefly in the well populated provinces and islands, and the natives say that it thrives best near the habitations of man. The propagation in plantations, by seed or cuttings about twenty feet apart, each way (108 trees to the acre) is easy and the growth rapid in almost any soil. The first flowers appear in the third year, the eighth year often yielding as high as 100 pounds, the bloom occurring every month. The

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Lathes up to 40 inch centres
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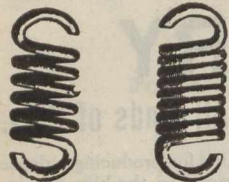


Crown Works,

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

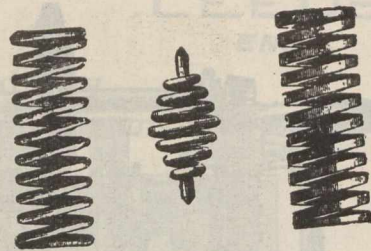
ESTABLISHED 1856.



VALVE SPRINGS.

Joseph Steel & Sons,

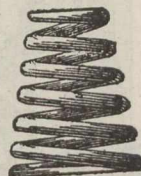
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greatest yield is from July to December.

The process of converting the long, greenish yellow fragrant petals of the flower into essence is by the simplest form of distillation, using merely water and the choicest flowers. No chemicals of any kind are required. The best quality is clear as distilled water and fragrant. The second quality is yellowish and smoky. The oil is drawn from the bottom of a glass separator, and the water remaining. The oil is then filtered through talcum and is ready for the market.

Seventy-five pounds of flowers yield about one pound of oil. Flowers are worth from eight to fifteen cents gold per pound. The cost of manufacture is placed at \$4 per pound. The yield in the case of attar of roses is small, 150 pounds of rose leaves producing but one ounce of oil. There are whole flowering groves of ylang-ylang trees in many parts of Southern Luzn and the Visayan Islands.

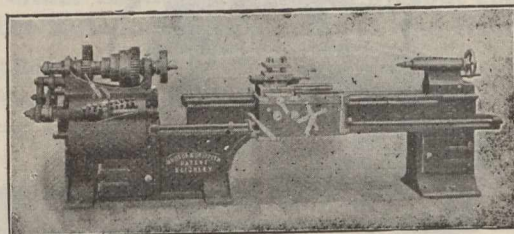
PATENT REPORT.

Owen N. Evans, solicitor of patents and expert, Temple Building, reports the following United States and Canadian patents granted to Canadians last week: United States: Pneumatic drill, John T. McGrath; filling-replenishing mechanism for looms, Joseph A. G. Goulet; cartridge-loading machine, Thomas and William H. Nichol; chuck for rock-drills, Robert H. Hamill. Canada: Shirt waist holders and skirt supporters, Jos. Albrin; nail machines, Geo. P. Clapp; check sale book binding, Cyrille Leveque; combination cable drilling swivel and clasp, M. J. Woodward; spraying apparatus, Wm. H. Heard.

—The following complete weekly list of patents granted to Canadians is fur-

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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.

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



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"ODIC" PLASTIC CEMENT

Non-Poisonous.

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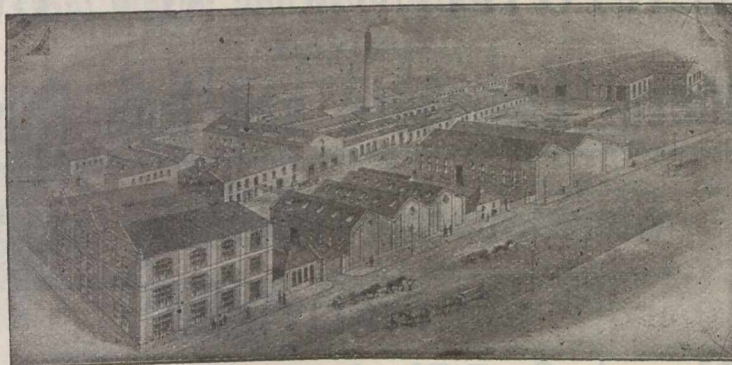
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Tarred Russian Hemp Rope

Boltrope & Boltrope Cordage



Wire Rope Department.

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DYNAMOS
And
GENERAL
MACHINERY
BEARINGS.

PRICES ON APPLICATION.

... SOLE PROPRIETORS

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

nished by Messrs. Fetherstonhaugh & Co., patent solicitors, Canada Life Building; Canadian: B. Menard, trap valves; F. Chadwick, water closet seat hinges; C. W. Walters, seat valves; M. C. Nixon, friction clutches; N. E. Nash, temperature regulating appliances; J. Clarke, preservation and purification; C. Clarke, ventilators for cars; J. T. Holmes, hay carriers; F. Meanley, reverse motion for steam engines. American: J. O. Dauphin, rod-swab; J. England, and M. Hutchison, seat post for

bicycles; G. C. Ferguson, cork extractor; E. W. Hogan, rail fastener; S. B. MacMillan, clothes-horse; H. Mann, railway track laying machine; W. A. Simister, cheese box; T. Ulke, refining composite metals; T. A. Wooley and H. Fox, machine for shocking grain.

FOSSIL FLOUR.

Some years ago, says the Oil Reporter, a curious deposit of a white,

chalky substance was discovered in the bed of a dry lake, on the top of a mountain, 1,340 feet above the sea level in Colchester County, Nova Scotia. It was found that the substance was indestructible. It is not soluble and the most intense heat has no effect on it, and it is a non-conductor of heat.

In 1893 a company was organized in the New England States to develop this material. Davis S. Collins went to Nova Scotia to superintend operations. A building 200 feet, two storeys and a half high was erected, in which was placed machinery, resembling that used in an ordinary flour mill. Boilers and an engine were added, and a wooden tramway, 12 miles long, built from the works to the shore of Cobequid Bay. The lake was drained by means of trenches, and the work of getting at the substances which they proposed to manufacture, began. The difficulty, however, of drying this mineral, which had puzzled many before, came up and the attempt almost failed. But by great energy and persistence, new and special machinery was installed and was found to work very successfully.

Analysis of the product of the Bass River Lake and tests of its usefulness show that the flour consists of boat-shaped diatoms. These diatoms differ in deposits. Some deposits are in dead moors. The deposit used by The Fossil Flour Company is "live" and consequently is claimed to be superior. Fossil-flour diatoms are of cellular formation. Those of whiting and zinc are hard and flat. Fossil-flour grips, clinches, and is absorbent, insuring a single compound or material—not a

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.

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

London Office:
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HEAD, WRIGHTSON & COMPANY,

(LIMITED)

General Engineers and Iron Founders,

Stockton and Thornaby on Tees, England.

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**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.

mixture of two distinct articles—when used to assist in other manufactures. Fossil-flour is absolutely neutral, and by means of the process of refinement nothing in the refined material is left of animal or vegetable matter. It is a drug mechanically but not chemically. Four grades, comprising two varieties, are manufactured at Bass River, to which separate names are applied, viz.: Fossil-flour and Tripolite. Practically they are the same except in color. The finest grade is a beautiful snowy white, and in this only one and fifteen one-hundredth per cent. of impurity remains.

Fossil-flour is used for various purposes, as in making rubber compounds, in producing ultramarine dyes, as covering for steam pipes, boilers, etc., to prevent heat radiation; it is made into silver polish of the finest quality;

also polish for tinware and the baser metals. New uses are being discovered continually for this remarkable flour, and it is said to be a good substitute for whiting and zinc.

CHAMOIS SKIN.

From a report which "The American Druggist" summarizes, it appears that very little of the so-called chamois skin, which is marketed is genuine. The real article comes from an animal found only in the Alps. There are two kinds of imitation known to commerce. The best is prepared from the skin of the doe, the cheaper grades from the flesh side of the split sheep-skin. The grain of the skin is first removed by scraping with a round

knife or pumice stone. The skins are then put into a bath of bran liquor, wrung out, dried, again soaked in water, and then fish oil is forced into the grain of the skin by beating several layers of the skin soaked with oil with heavy wooden hammers. This process is repeated several times, the skins are then suspended on hooks in a warm room until a slight fermentation takes place, which dilates the pores and promotes the incorporation of the oil. The skins are then scraped and freed from excess of oil by treatment with weak potash lye, washed in an infusion of oak bark to give them a buff color, dried, smoothed and made supple by passing between iron rollers. After sorting, both as to quality and size, the skins are put up in packages of thirty, each package being called a "kip." The skins vary

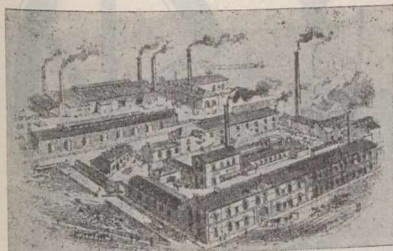
Telegrams, "SHIPMAN, SHEFFIELD."

Honourable Mention International Exhibition, 1862.

J. SHIPMAN & CO.

Attercliffe Steel Works and Wire Mills,

SHEFFIELD, - ENG.



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

TOOL STEEL, MINING STEEL, &C.

Special Prices to Canadians
under the New Tariff.

from 6 by 8 inches to 20 by 33 inches in size. There seems to be no practical difference between the true skin of the chamois and the imitation, which is the commercial article, but there is some difference in the texture which enables an expert to distinguish between the two.

PREPARATION OF MUSK.

Artificial musk scents are prepared by Iecornu from infusions or tinctures of natural musk, in which he dissolves benzoic acid, boric acid, salicylic acid, acetanilide, antifebrine, or similar sol-

uble crystalline salts. The proportion of these salts taken varies with their degree of solubility and the temperature employed. Thus, in 96 per cent. alcohol, which is the strength usually employed, the solubility varies from 4 to 6 per cent. in the case of boric acid, 20-25 per cent. benzoic acid, 15-20 per cent. for acetanilide or antifebrine, and 50-60 per cent. for salicylic acid. The resulting solutions are then submitted to systematic evaporation, either by natural slow volatilization, or by special distillation, in order to recover the solvent. This treatment furnishes large or small crystals, amorphous masses, or powders, according to the conditions employed; but the products have all the properties of natural musk, and disseminate its characteristic perfume.

WHAT CHAIN DO YOU USE?
MANY RIDERS DO NOT KNOW—Especially lady riders.
IT IS WORTH KNOWING, even if gear case has to be opened.
LOOK FOR NAME, stamped on each Side-plate.
THEN ENQUIRE what chain has the Best Reputation for
Strength, Lightness and Best Wearing.
THEN GET IT: The Best is Cheapest.
THE LEADING CHAINS (Roller and Block) are



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**HANS RENOLD
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CYCLE CHAINS**

Brooke Street, - - - MANCHESTER, England.

33 1/3 p.c. in favor of these Chains,
under the New Preferential Tariff

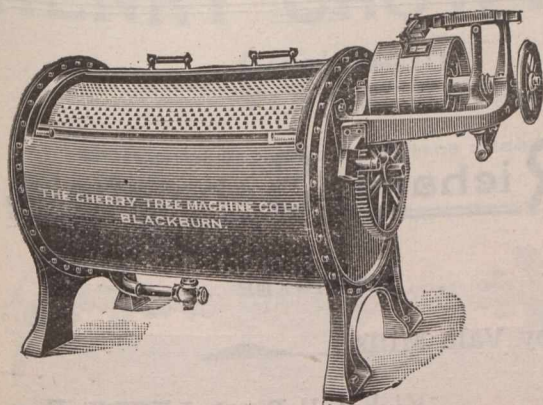
VALUABLE PHILIPPINE FORESTS.

Writing from Manila, regarding the wealth of the Philippine forests, a correspondent says that the islands abound in a great variety of trees, yielding valuable gums, and rubber and guta-percha are abundant in Mindanao and Tawi-Tawi. From the insignificant and comparatively unknown port of Cotabato, in Mindanao, alone, there was shipped last year to Singapore no less than \$200,000 worth

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MAKERS OF HIGH-CLASS MODERN

Laundry • Machinery,



Rotary Washing Machines; Metal and Wood
Shirt and Collar Ironing Machines.

Drying Closets and Drying Rooms on Hot-
Blast System.

IT WILL PAY YOU GET OUR PRICES.

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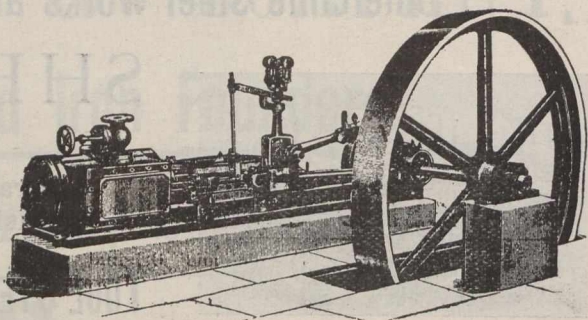
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Improved Horizontal Steam Engines (Class J.)

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, Brick-works, and other trades where varying loads have to be contended with



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WARNER & CO., LIMITED,

SPECIAL PIG IRONS.

Makers of...

Brand "WARNER C.B.R."

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

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

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

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

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

PIG IRON MADE TO ANY ANALYSIS.

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

pronounced to be enormous. There seems to be woods everywhere here for every imaginable use and purpose.

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."

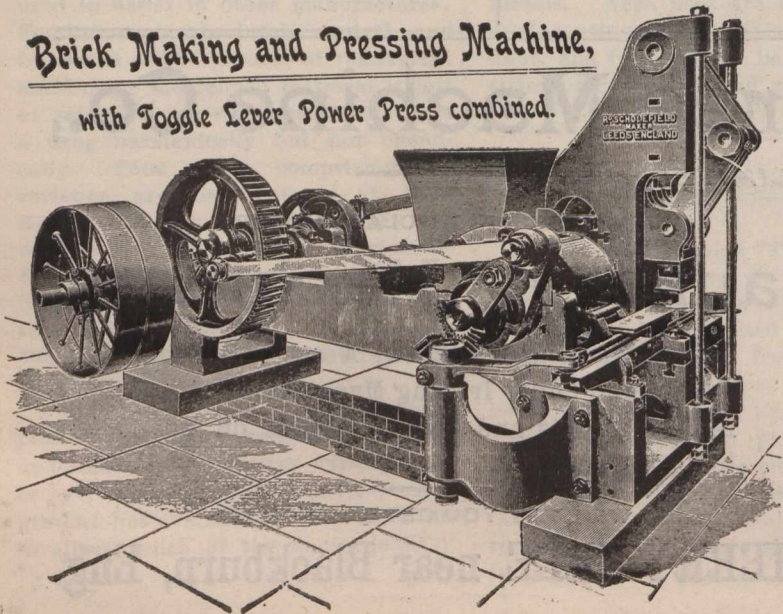
(Continued from Page 1381.)

Bowls for cream separators and cream separators, free; bolts and bolt blanks, see Nuts in Iron; Brads, see item Tacks; Bridge plates, &c., see Universal Mill, &c., in Steel; Buckle clasps, steel for, see Ice Creepers in Steel; Buckthorn and strip fencing, see Buckthorn in Iron; Buckthorn and plain strip fencing, steel for, see Wire; Bundles, comprising rounds, squares, ovals, flats, &c., see Bars in Iron; Car wheel tires of steel, when in the rough, free; Castings, see Castings in Iron; Chains, other, see Chains in Iron; Chain, cable for ships, see item Masts; Chain, bicycle, steel for the manufacture of

of gutta-percha. The forestry bureau estimates that at least 17 dyewoods are produced within the limits of the archipelago, while other trees yield

valuable essential oils or drugs. In short, the wealth of the islands, in woods, awaiting intelligent development may, without exaggeration, be

Brick Making and Pressing Machine, with Toggle Lever Power Press combined.



Established 1868.

Telegraphic Address : "Brick, Leeds."

Brick-making & Grinding Machinery

Manufactured by

Richard Scholefield,

ENGINEER

Burley Vale Mills

Kirkstall Road, LEEDS, Eng.

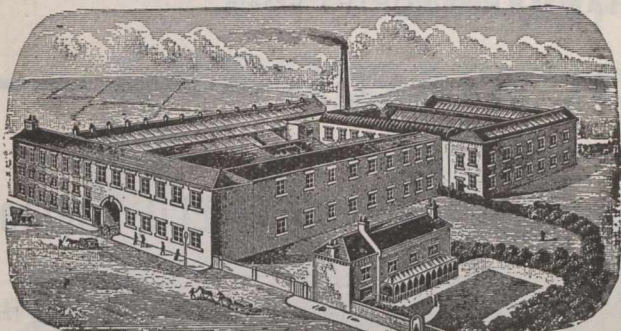
Telegraphic Address: "PURIFIER, BATLEY."

ESTABLISHED 1865

JOHN ILLINGWORTH & SONS,

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

BATLEY, ENGLAND.



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Patentees and Sole Makers of the
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Flocks and Wools,

Large Stocks of all Descriptions of

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all kinds of . . .

FOR COLLAR MAKERS
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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, Breastplates, Driving Reins, Cruppers and Stirrup Leathers made on the premises, for Home Trade and Export.

NONE BUT THE TRADE SUPPLIED.

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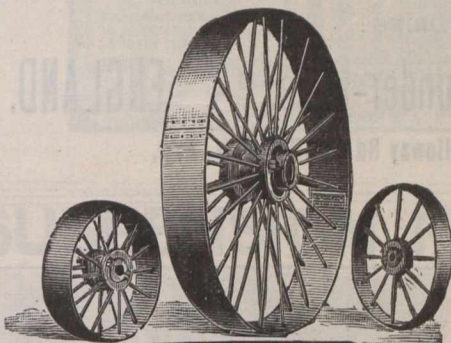
Wrot.-Iron Pulleys.

Bright Steel Shafting.

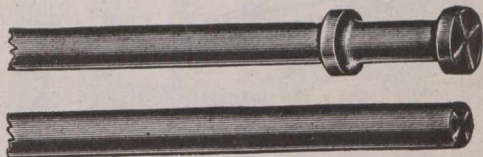
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on Application.

Telegrams:
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A B C Code used.

Telephone
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HENRY CROWTHER
MAKER OF WROUGHT IRON PULLEYS,
CLECKHEATON YORKS

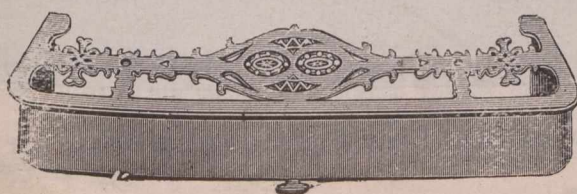


HENRY CROWTHER, Rolling Mills,

Cleckheaton,
YORKS, ENGLAND.

Special Terms to Canadians under the New Tariff.

bicycle chain, when imported by manufacturers of bicycle chain for use in the manufacture thereof in their own factories, free; Chilled steel rolls, see Fittings in Iron; Channels, see item Angles in Steel; Chrome steel, 15 p.c.; Clippings, see item Scraps, &c., in Iron; Clock springs, steel for, see Corsets, Steel for, &c., in Steel; Clock springs, see Springs; Columns, &c., see Columns in Iron; Corset side steels and other Corset Steels, see item Corset Clasps; Corset, steel for, of No. 20 gauge and thinner, but not thinner than No. 30 gauge for the manufacture of corset steel, clock springs and shoe shanks, when imported by manufacturers of such articles for exclusive use in the manufacture thereof in their own factories, free; Crossings for railways, 30 p.c.; Crucible sheet steel, see Sheet Steel in Steel; Crops ends, see Scrap in Iron; Cutlery, see item Cutlery; Cutlery, steel for; Steel under 1/2 inch in diameter or under 1/2 inch square, when imported by manufacturers of cutlery, or of knobs, or of locks, for use exclusively in the manufacture of such



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Fender and Ashpan Makers,
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Special Tool Steel for High Speeds,

Best Warranted CAST STEEL for Tools of all kinds.

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MINING TOOL STEEL.

Best CRUCIBLE Cast Steel FILES.

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Medicated Lozenges and Jujubes,
Bouquet Lozenges, Compressed
Tablets, Pills, Liquorice Goods,
Effervescible Preparations, Per-
fumes, Counter Adjuncts.

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articles in their own factories, free; Cuttings, &c., see item Clippings in Iron; Ends, crop ends of steel rails, see Scrap, etc., in Iron; Eye-bar blanks, flat if not punched or drilled, 10 p.c.; Fencing, &c., see Buckthorn in Iron; Files, see item Files; Finger bar steel and such like material for the manufacture of agricultural implements, provided that the goods are declared by the manufacturer that they will be used solely in the manufacture of agricultural implements, 20 p.c.; Fish plates, railway fish plates, \$8 per ton; Fittings, iron and steel, etc., see Fittings in Iron; Flats, see Bars in Iron; Forgings of iron or steel of whatever shape or size or in whatever stage of manufacture, N.E.S., and steel shafting turned, compressed or polished, and hammered iron or steel bars or shapes, N.O.P., 30 p.c.; Furniture casters, steel for, see Ice Creepers in Steel; Frogs, railway, 30 p.c.; Galvanized sheet steel, manufactures, see item Galvanized

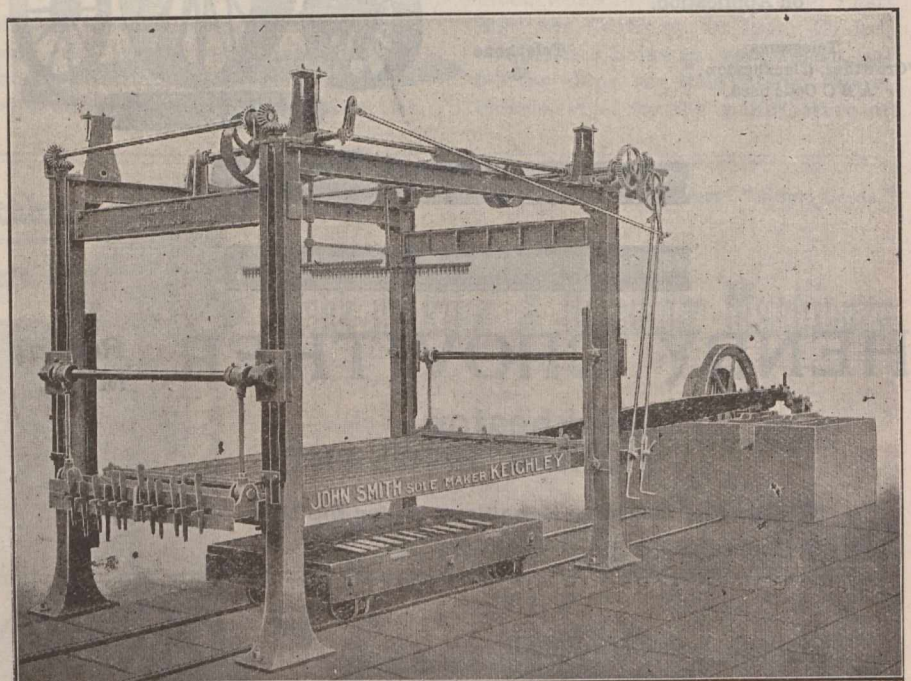
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KEIGHLEY, Yorks,
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STONE SAW FRAMES
And DERRICK CRANES.

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Considerably over 300 Saw Frames at work.

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A. B. C. & A. I.
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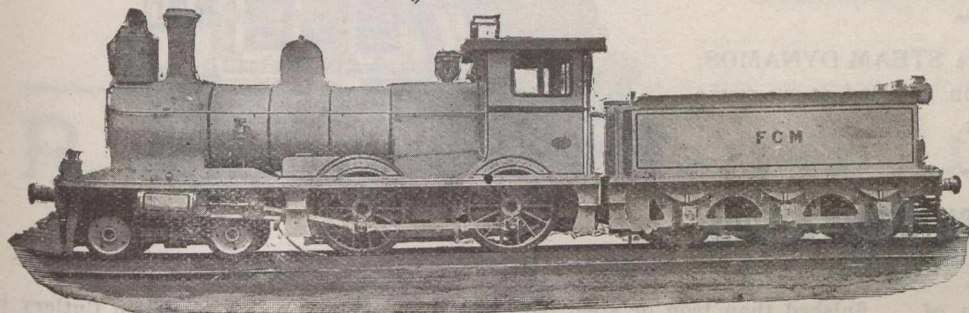


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SPECIALTY :

Locomotive Tank Engines.
Rogers Pulleys Registered.

Canadian buyers have 33 1/2 per cent. in their favour, by purchasing English Locomotives.

Sheet Iron or Steel; Girders, see item Angles in Steel; Grooves, see Sheets in Iron; Hammers, 30 p.c.; Hammers, steel for the manufacture of hammers, augers, auger bits, axes, hatchets, scythes, reaping hooks, hoes, hand rakes, hay or straw knives and agricultural or harvesting forks, when imported by manufacturers of such or any of such articles for use exclusively in the manufacture thereof in their own factories, free; Hammered Iron or Steel bars or shapes, see Forgings in Steel Hooks; Fish hooks, see item Fish Hooks; Hoops, 8 in. and less in width, see Bars in Iron; Hoops, costing over 2 1/2 cents per lb., see Bars in Steel; Hoops, N.E.S., see Sheets in Iron; Ice Creepers, 30 p.

A RELIABLE & PRACTICALLY UNBREAKABLE FRAME

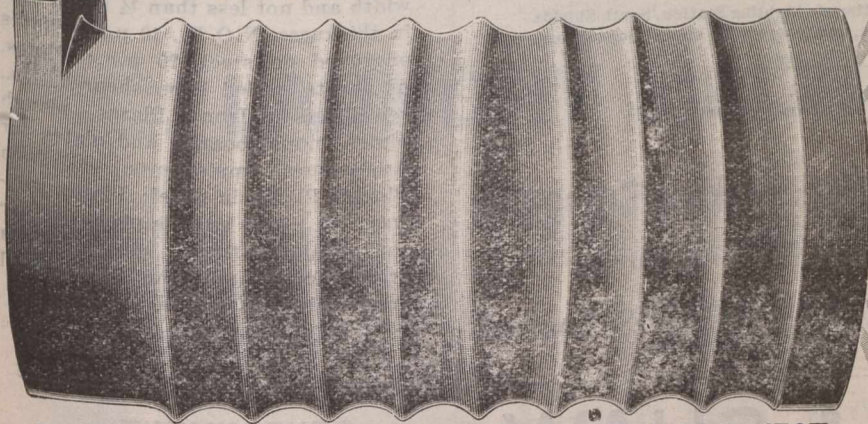
NO MORE BROKEN FRAMES.
Breakages of Frames and Forks mostly result from defective Brazing and the burning of Tubes.
We DO NOT HEAT the Tubes; each joint is made and tested separately.
The joints are perfect, reliable, immovable, and always visible.
Strength, Lightness, Rigidity.
Enamelled inside as well as outside to prevent rust.
SEND FOR OUR CIRCULAR.

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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.
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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.

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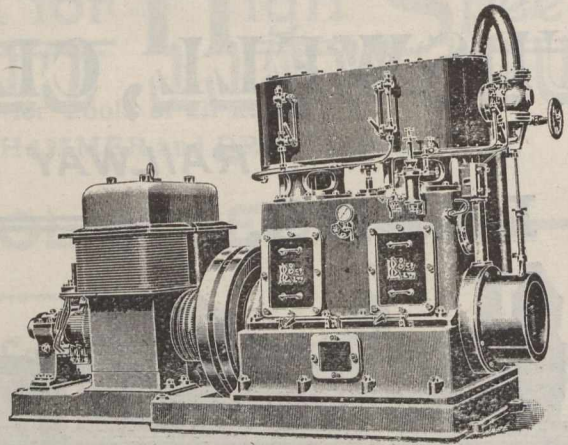
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Manufacturers of High-Speed,
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STEAM ENGINES,

For Driving Dynamos Direct.

We are pleased to quote for complete STEAM DYNAMOS, completely and thoroughly tested on full load at our works and delivered F. O. B. English Port.



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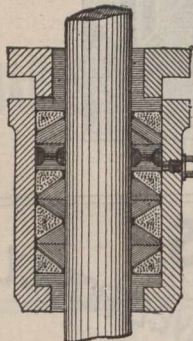
c.; Ice creepers, steel for, steel of No. 12 gauge and thinner, but not thinner than No. 30 gauge, when imported by manufacturers of buckle clasps, bedfast, furniture casters, and ice creepers, to be used in the manufacture of such articles only in their own factories, free; Ingots, iron or steel ingots, cogget ingots, blooms, slabs, billets, puddled bars, and loops or other forms, N.O.P., less

finished than iron or steel bars, but more advanced than pig iron, except casting, \$2 per ton; Intersections for railways, 30 p.c.; Joists, see Angles in Steel; Knees for vessels, see item Masts; Knife blades or knife blanks, see item Knife Blades; Knives, see item Knives; Knives, reapers, and mowers, steel for, see item Sheets Crucible Sheet Steel in Steel; Knobs, see item Knobs; Knobs, steel for,

manufacture of, see item Cutlery in Steel; Locks, 30 p.c.; Locks, steel for, see item Cutlery; Locomotive and car wheel tires of steel, in the rough, free; Loops, see Ingots in Steel; Landsides, see Plough Plates in Steel; Machinery, see item Machinery; Manufactures of N. E. S., 30 p.c.; Manufactured articles of steel for steel ships or vessels, &c., see item Masts; Masts, see item Masts; Mattocks, 30 p.c.! Mould boards, steel cut to shape, &c., for ploughs, see item Plough Plates in Steel; Nail rods, Swedish, rolled, 15 p.c.; Nails, see item Nails; Needles, crochet and other, 30 p.c.; Nuts, see Nuts in Iron; Pens, 25 p.c.; Pocket knives, see Cutlery; Picks, 30 p.c.; Penknives, see Cutlery; Plates, universal mill or rolled edge, &c., see Universal Mill in Steel; Plates, costing over 2½ cents per lb., see Bars in Steel; Plates for vessels, see item Masts; Plates, rolled iron or steel, plates not less than 30 inches in width and not less than ¼ of an inch in thickness, N.O.P., 10 p.c.; Plates engraved on steel, 20 p.c.; Plates, or sheets, rolled iron, sheared, &c., see Sheets in Iron; Plates, plough plates, mould boards, and plates for Agricultural implements, see item Plough Plates in Steel; Plates, railway fish plates and tie plates, \$8 per ton; Plate cuttings, see Scrap in Iron; Ploughs, see item Agricultural Implements, 20 p.c.

(To be Continued.)

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ADVANTAGES:—Cheapness. Durability. An Absolute tight Gland. Friction reduced to a Minimum. Will last for years. Results guaranteed. No Steel Springs to lose elasticity or break. Any slight leakage allowed for lubrication is returned to condenser by the drain cock. No alteration is required to Stuffing Box. Rods kept like silver.

ADAPTED FOR WATER AND STEAM.

Used at the Sunderland Electric Lighting Station, South Shields Electric Lighting Station, and others with unqualified success.

All Orders will receive Prompt Attention.

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Telegraphic Address: "MICA, SOUTH SHIELDS."

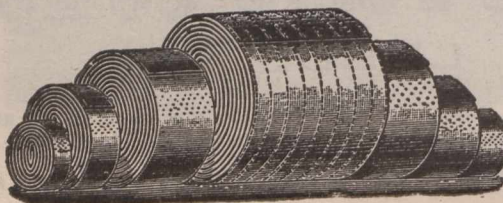
FLETCHER & SHAW, GOVERNMENT & RAILWAY CONTRACTORS,

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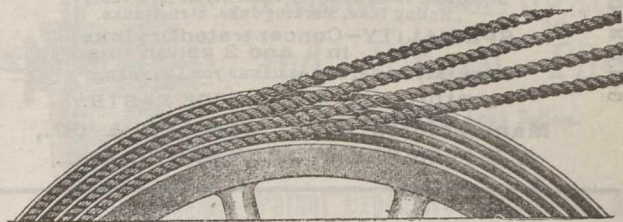
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HANSON, SCOTT & CO., Ltd.,

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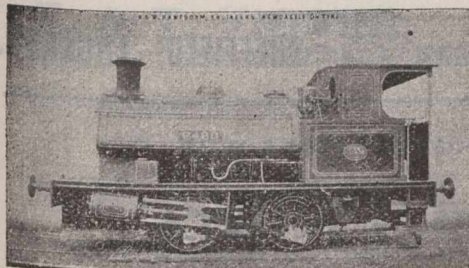


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Manufacturers of

LOCOMOTIVES OF EVERY DESCRIPTION

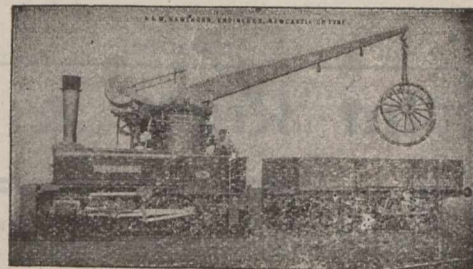


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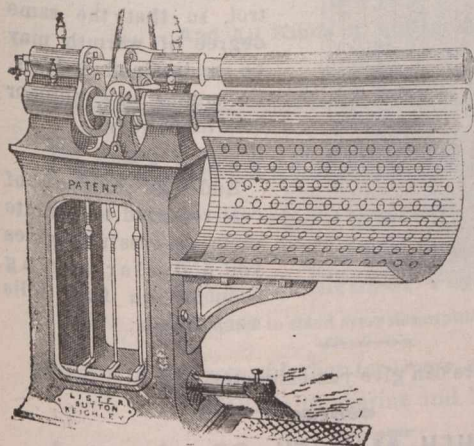
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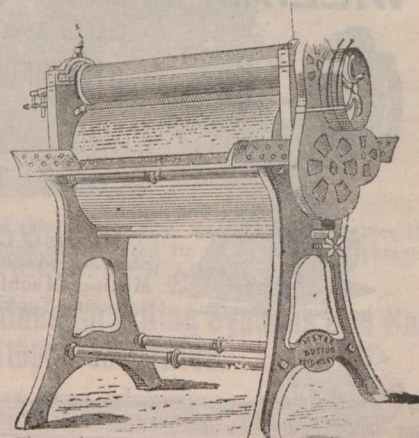
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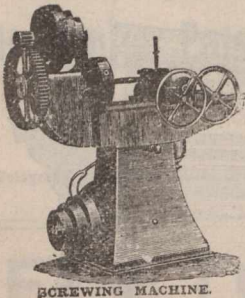
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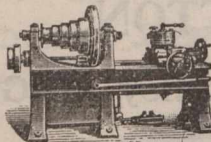
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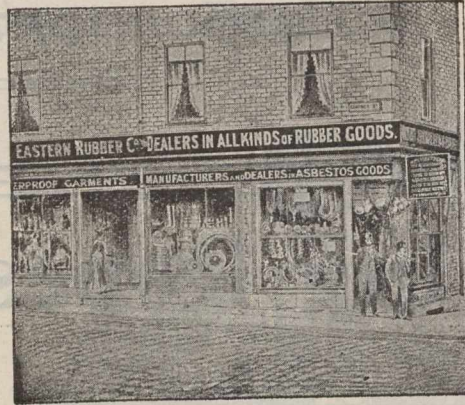
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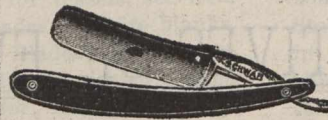
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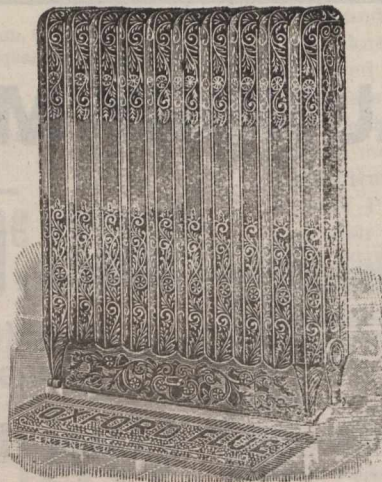
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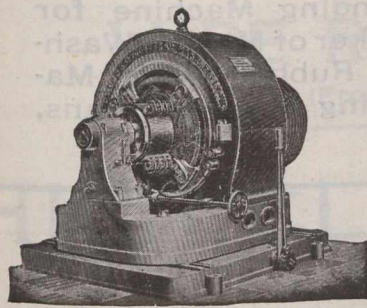
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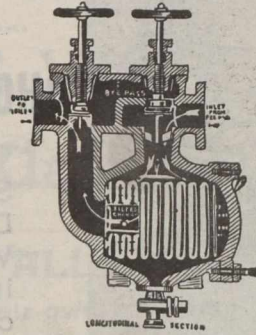
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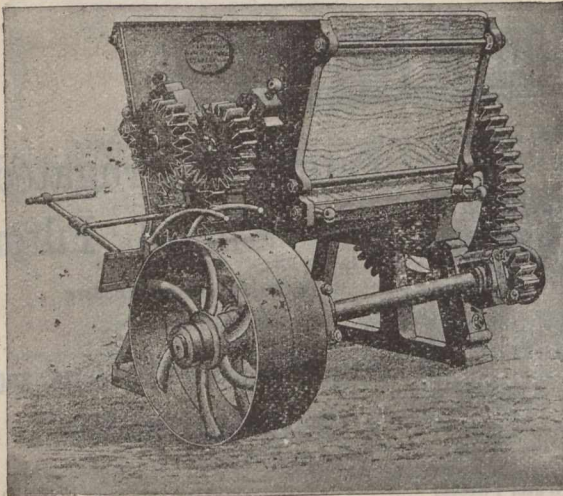
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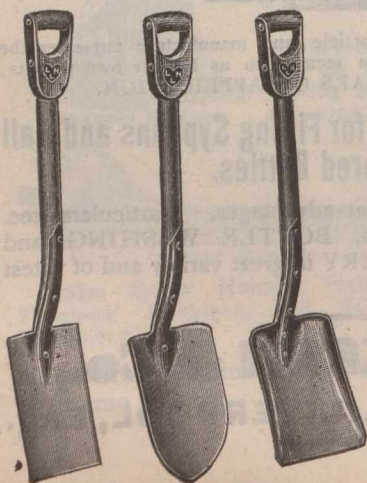
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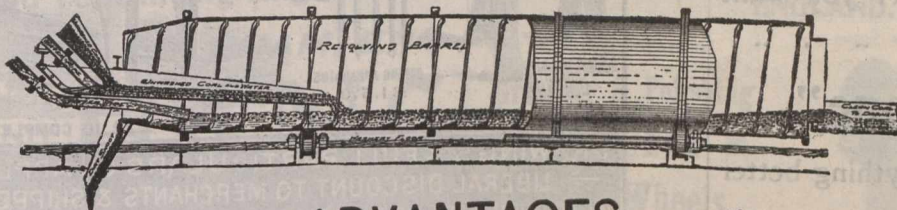
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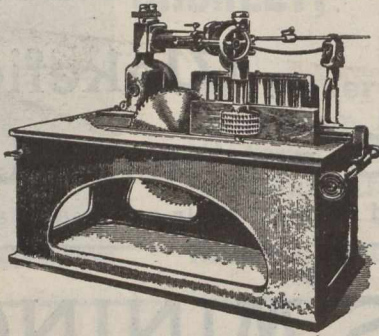
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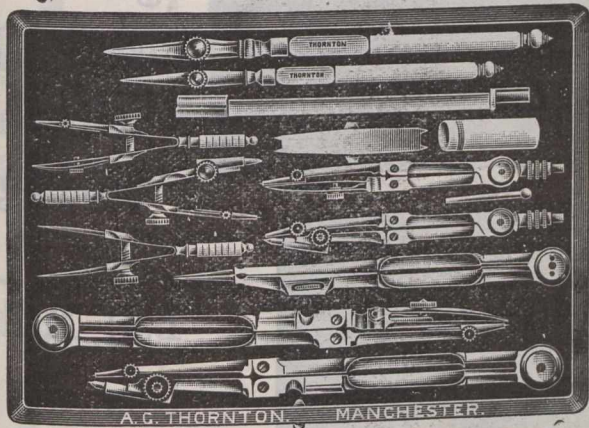
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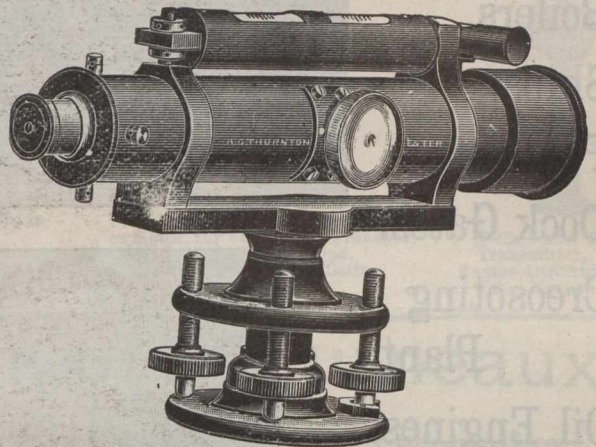
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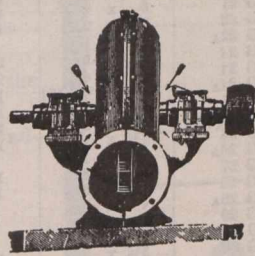
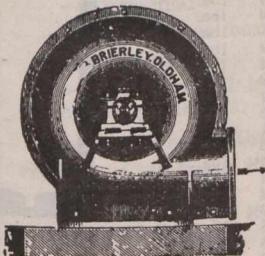
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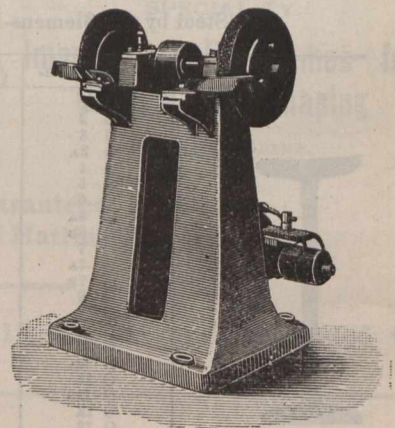
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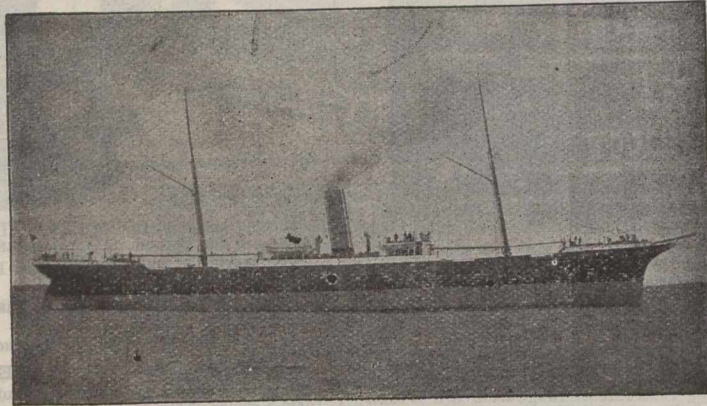
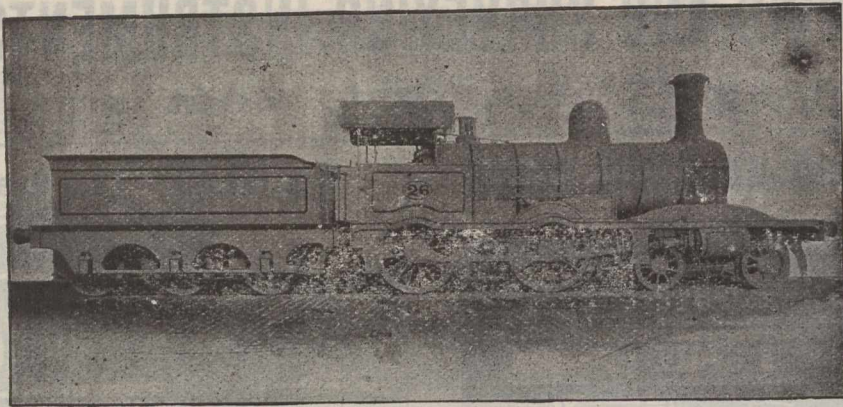
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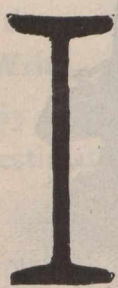
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G 26A	4 3/4 x 1 3/4	6 1/2 lbs.
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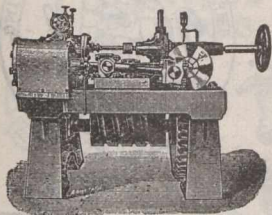
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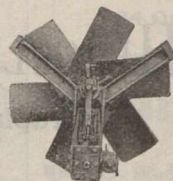


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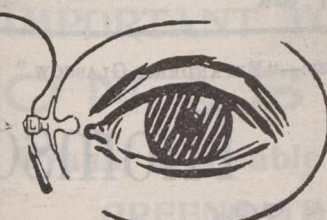


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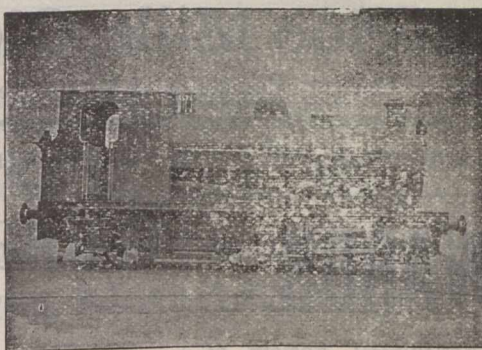
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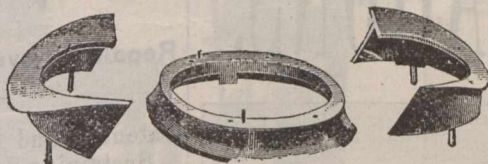
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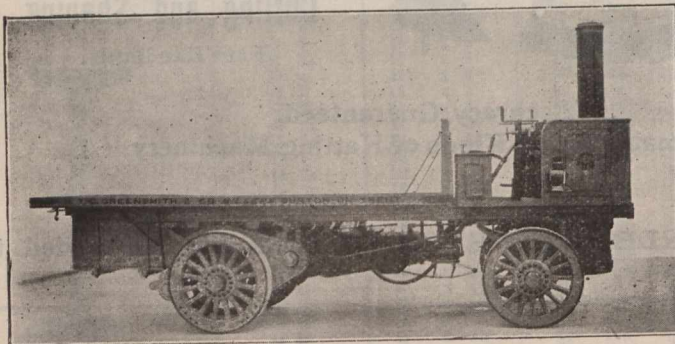
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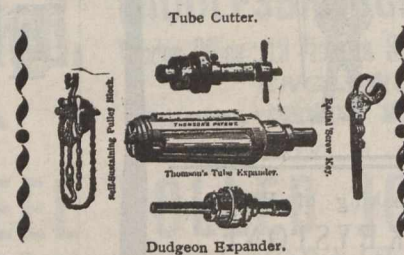
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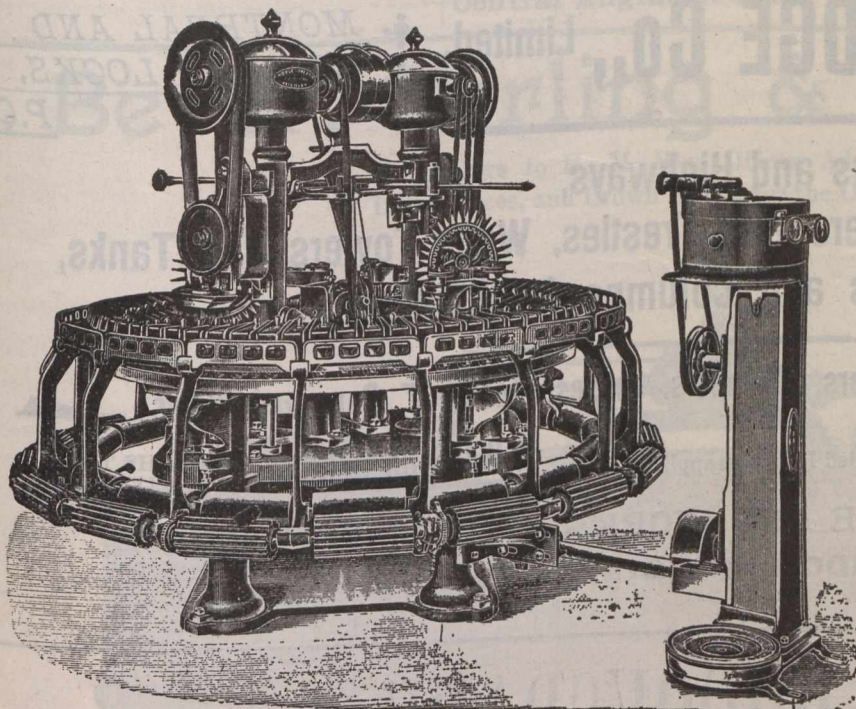
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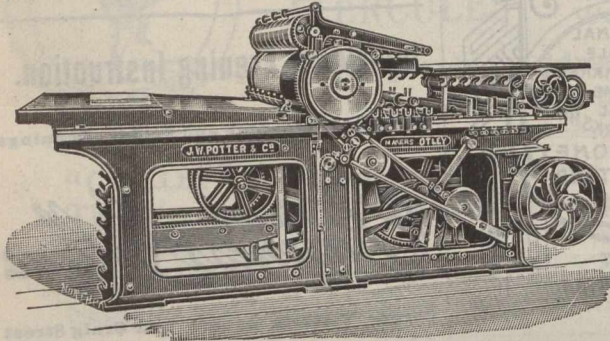
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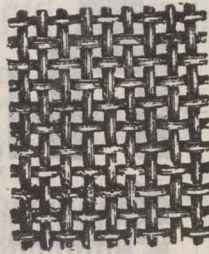
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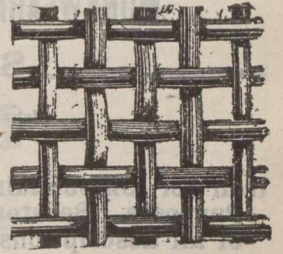
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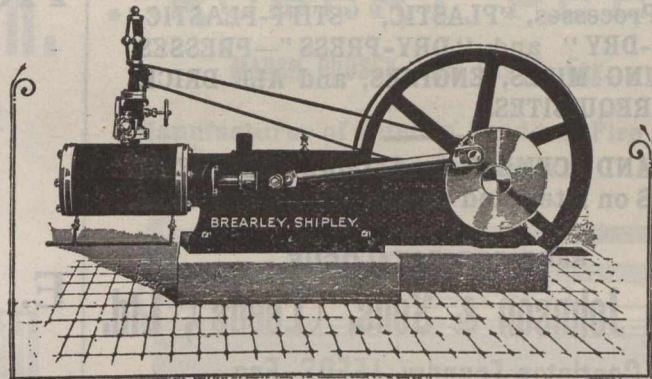
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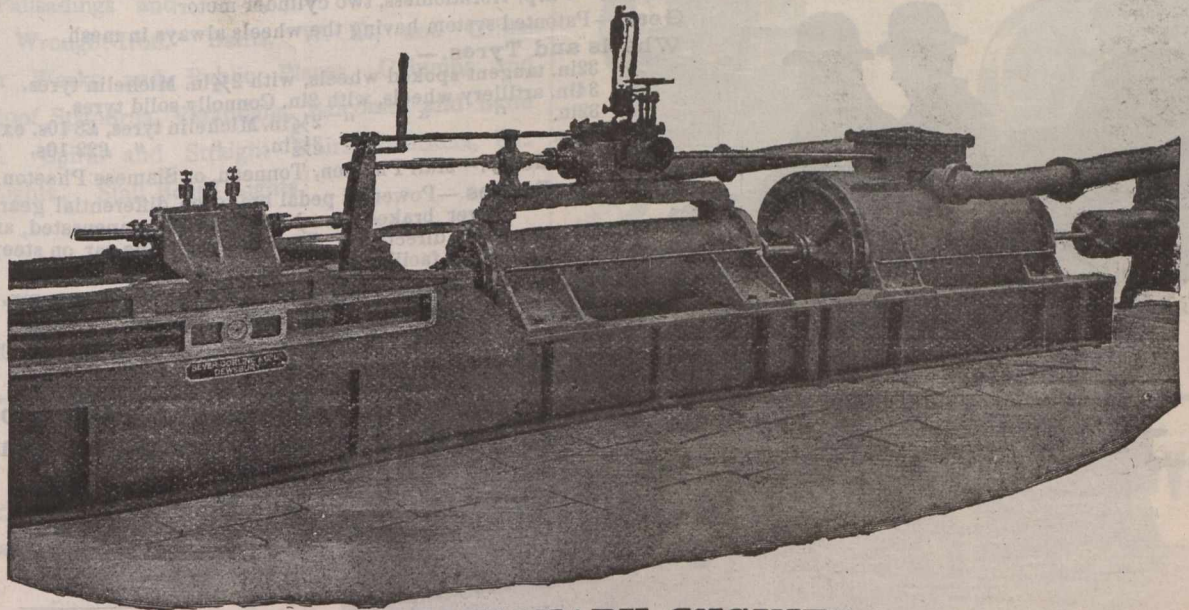
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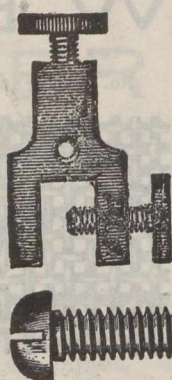
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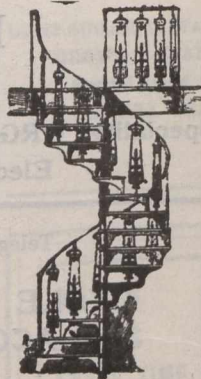
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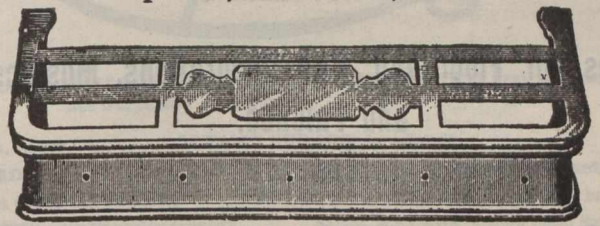
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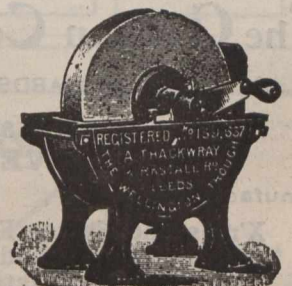
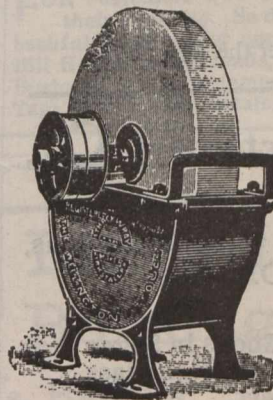
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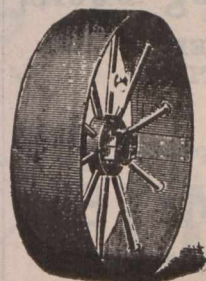


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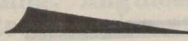
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3 per cent. loan, 1888-99	103	105	
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2½ p.c. loan, 1897	107	109	
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	1876, 5 p. c.	101	105
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	1888, 5 p. c.	107	109
100	Atlantic & Nth. Western 5 p.c. Gua	120	122
10	1st M. Bds	13½	14
	Buffalo & Lake Huron \$10 shr.....	137	141
	do 5½ p.c. bonds		
	Can. Central 6 p.c. M Bds. Int.		
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	Canadian Pacific \$100.....	117½	118½
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100	Grand Trunk of Canada Ord. stock.	8½	8%
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100	3rd pref. stock.....	28½	28½
100	5 p.c. perp. deb. stock.....	132	135
100	4 p.c. perp. deb. stock.....	105	107
100	Great Western shares, 5 p.c.....	132	135
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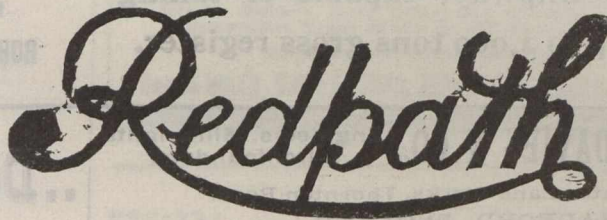
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200 TO 300 IN 50 Different Sizes in Stock.

Can Despatch on Receipt or Wire.

ENGLAND.

JAMES LIGHT & SON, LIMITED
LIVERPOOL, England.
LIADCO works and 9 Rumford St.,
"LIGHTHOUSE."

Shipbuilders, Engineers and Repairers,
CLEVELAND DOCKYARDS,
Middlesbro',
England.

Telegraphic Address:
 "DIXON, MIDDLESBRO'."

SIR RAYLTON DIXON & CO., LIMITED.

Special attention and despatch given to

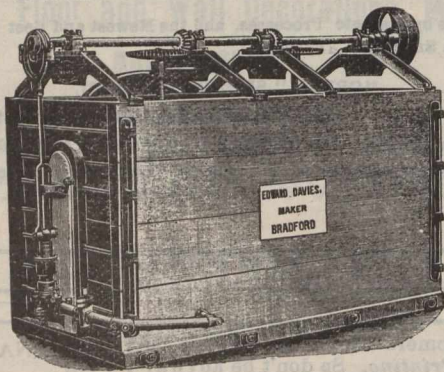
**Repairs of Vessels,
 Engines and Boilers.**

—
GRAVING DOCK, 576 Feet Long.
 —

Hydraulic Slipway, capable of taking vessels up to 2,000 tons gross register.

London Office:
ROBERT STEELE, 6 Gracechurch St., E.C.

EDWARD DAVIES & CO., Engineers, Millwrights & Ironfounders,
 Water Lane Works, Thornton Road,
BRADFORD ENGLAND



Flour and Farina Mixing Machine.

.....Makers of.....

Hydraulic Pumps, Horizontal and Vertical Steam Engines, Improved Warp Steeping Motion, Dyeing, Sizing, Drying, and Balling Machines, Indigo Vats, Crabs, Pads, Dolleys, and Hoists, Cranes, Shafting, Wrought & Cast-Iron Pulleys, Plummer Blocks, Couplings, Hingers, and Gearing Mortar Mills and Castings.

Repairs Promptly Attended to.

Special prices to Canadians under the New Tariff.

Telegrams:—"Waller, Greetland."

Waller Brothers

MANUFACTURERS OF

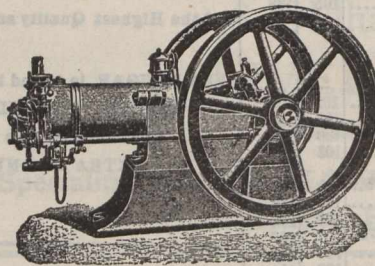
Cotton Main Driving Ropes

ROPE, TWINE, COTTON
 BANDING & COP FLY.

Onecliffe Mills, West Vale,
 near Halifax, England.

..Dewhirst's Gas Engine..

IMPROVED "OTTO"



LEADING FEATURES:

Simplicity with Economy. Silent and Steady Running. Steady Impulse without Shock. Low consumption of Gas. Positive Governing. Easy to start. High-Class Workmanship. Neat in Design. Durable and Reliable. Change of Speed while running. Anti-Fluctuator Gas Bag. Electric Light Governors. Automatic Lubrication. Minimum Prices.

SOLE MAKER:

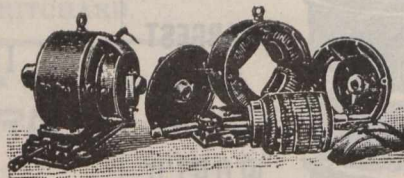
C. H. DEWHIRST,
 GAS ENGINE WORKS,

Telegrams: "Dewhirst, Engineer, Keighley."

KEIGHLEY, Yorks, Eng.

Special Rates to Canadians under the Preferential Tariff

ELECTRICAL PLANTS FOR
LIGHTING and MOTOR DRIVING.



"TURNER" D.P. TYPE ENCLOSED MOTORS.

TURNER, ATHERTON & CO., Ltd.,
 Electrical Engineers, &c.,

Electrical Accessories.

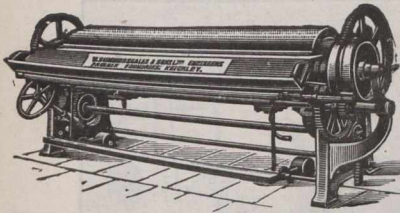
DENTON, Manchester, Eng.

These Motors are manufactured especially for the Canadian market, under the new preferential tariff, 33 1/2 per cent. in favour in the English market.

Telegraphic Address: "PHENIX," Keighley.

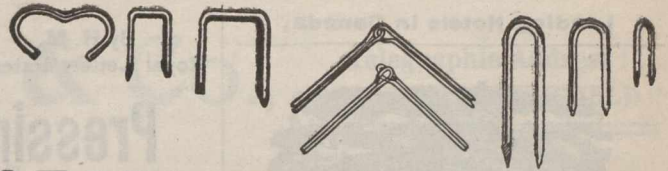
W. SUMMERSCALES & SONS, Limited,
Coney Lane Works,
KEIGHLEY, ENGLAND.

MANUFACTURERS OF EVERY CLASS OF



**LAUNDRY
and DOMESTIC
MACHINERY.**

For Canadians, under
the New Tariff.



STAPLES, TINNED & COPPERED
FLAT STAPLES.
LINGOOS OR LOOM
WEIGHTS.

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

JOSEPH HIRST,
Kirklees Ironworks, Brighouse, Eng.

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

THIS SPACE TO LET,

APPLY TO

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

Tudhoe Iron Works,
SPENNYMOOR, Eng.

or "Journal of Commerce,"

MONTREAL, Que.

JOHN TURNER & CO.,
Manufacturers of **HORSE RUGS**

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

Merchants and Shippers only Supplied.

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

William Whitwell & Co., Ltd.,

Thornaby Iron Works,

Stockton-on-Tees, - - - England.

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

PIG AND MERCHANT IRON.

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

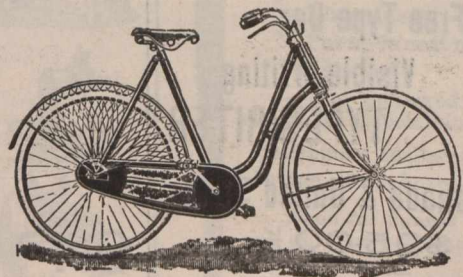
MERCHANT IRON Angles, Tees, Rounds, Squares,
Flats, Round Edged Flats, Oc-
tagons Ovals, Feather-Edged Convex, Square Edged Convex,
True Half Rounds; Rails—bridge double and single headed flat
bottomed and street; Fish Plates, Fencing Iron, Sleeper Iron,
Bevel Edged Tyre Iron, Channel, Skylight, Bevel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

Capacity, 2,500 tons of Pig Iron, and 1,000 tons of Bar Iron, per week.

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

HIGH-CLASS CYCLES.

MOTOR CAR
MANUFACTURERS.



CYCLE
MANUFACTURERS.

SOLE MAKERS.

Wm. Sellers & Sons,

KEIGHLEY,
England.

„ The Wellington Machine Company „
Engineers & Machinists,

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

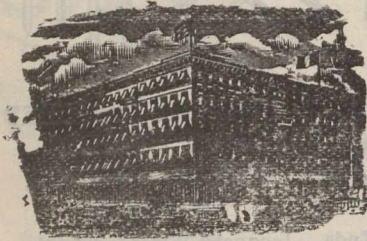
Specialities:—Wellington Box Covering and Topping Machines.
Wellington Rotary Cutting and Grooving Machines. Wel-
lington Board Liner. Wellington Rotary Punches. All kinds
of special Dies for Folding Boxes.

Works, Office and Showrooms:

Wellington Road, - - - STOCKPORT, Eng.

(Cut will be inserted as soon as received.)

Leading Hotels in Canada.



ROSSIN HOUSE, TORONTO, Canada.

A. Nelson, Proprietor.

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

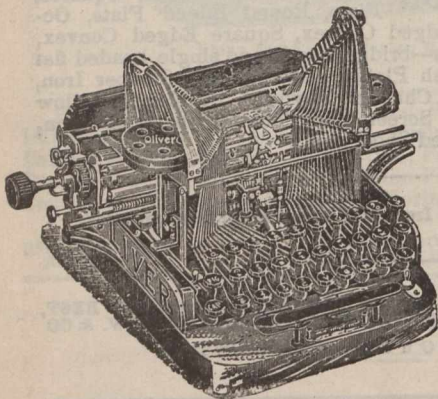
A. NELSON, Proprietor.

**THE RUSSELL,
OTTAWA.**

THE PALACE HOTEL OF CANADA.

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

F. X. ST. JACQUES, Propr.



YOUR ATTENTION!

THE OLIVER . .

Free Type Bar

Visible Writing

. TYPEWRITER.

Price in Canada & United States,

→ \$95.00 ←

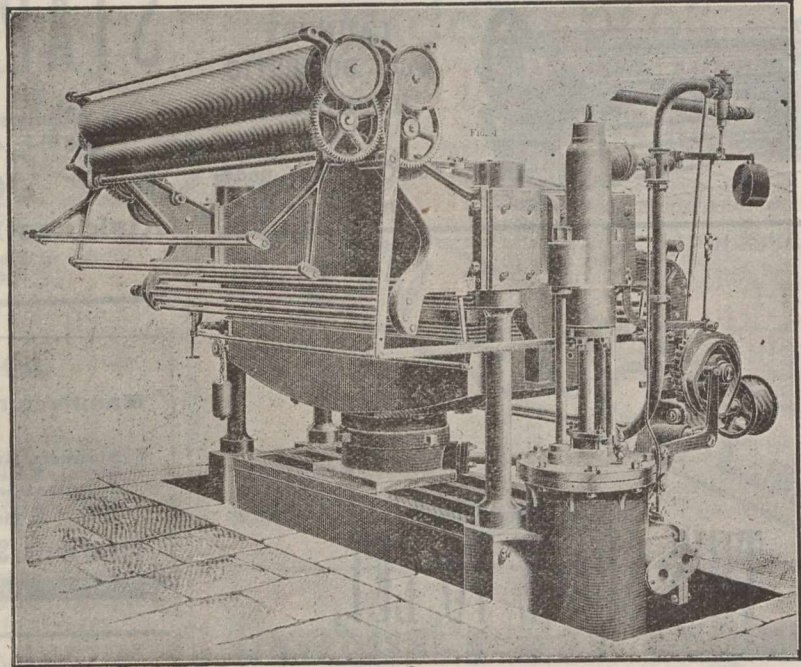
LINOTYPE COMPANY,

156 St. Antoine Street,
MONTREAL.

Manufacturers for
CANADA AND SOUTH AMERICA

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

Pressing and Tentering Machines.



MAKERS W. B. LEACHMAN & CO.,

EXCEL WORKS,

Great Wilson Street.

LEEDS, ENGLAND.

THIS LITTLE TRADE MARK



ON A SAW GUMMER

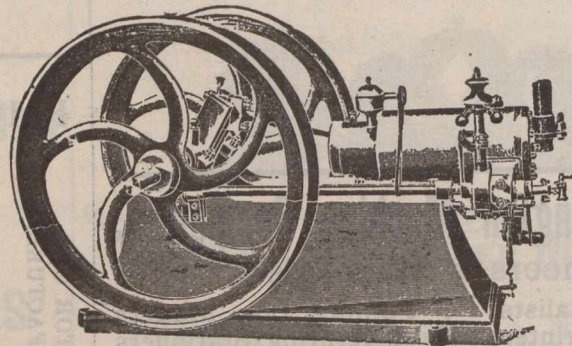
Is a guarantee that it is the best Tool on the market for Gumming Saws and Light Punching.

A. B. JARDINE & CO.,

HESPELER, ONT.

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.

WILLIAM ATKINS & Co., LIMITED.

Telegraphic Address:
"RELIANCE, SHEFFIELD."

Corporate Trade Mark.



ATTERCLIFFE,

RELIANCE STEEL WORKS,

Sheffield, England.

Manufacturers of all kinds of Crucible

CAST STEEL

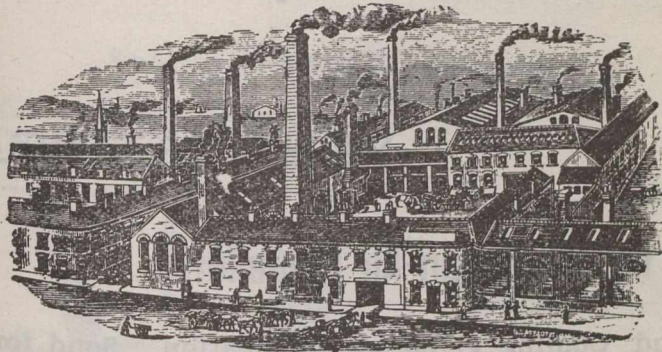
For Engineers, Shipbuilders, Boilermakers and other purposes.

SPECIAL DRILL STEEL

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

TOOL STEEL

For Turning Chilled Rolls, or any Hard Metals.



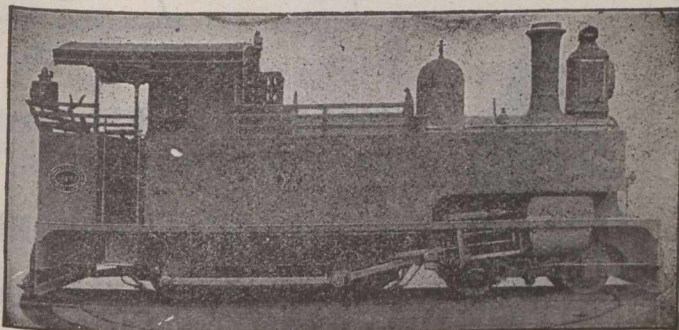
Cast Steel Sheets, Blister, Single and Double Shear Steel, Coach and Railway Spring Steel, Sewing Machine Steels, &c., &c. Best Warranted Cast Steel **FILES**. Solid Steel Hammers and Superior Cast-Steel Saws of every description.

Special terms to Canadians under the New Tariff.

THE

Telegrams: "ENGINE, LEEDS."

Hunslet Engine Company, LEEDS, Eng.



Locomotive Tank Engines

of all descriptions and any size, for

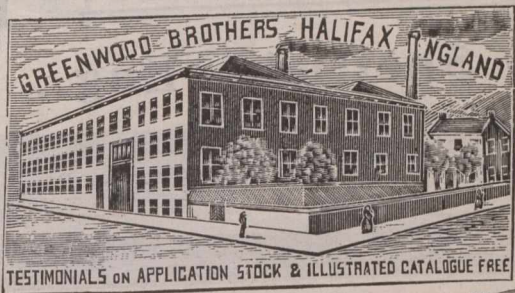
Ironworks, Collieries, Contractors, Docks, Manufactories, Branch Railways, &c., &c.

Specially designed for any circumstances, or to suit any Gauge of Railway.

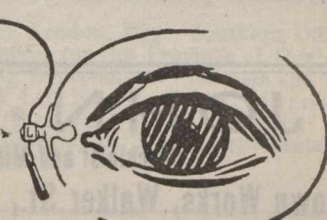
Arrangements Made for Hire.

On Purchasing Lease or otherwise.


Special prices to Canadians under the New Canadian Tariff.



Special prices to Canadians under the New Tariff.



A Good Line



Speaking of Printing
"KEYSTONE"
suggests itself at once.

For the progressive merchant "KEYSTONE" Stationery fills the bill.

- It's padded;
- Put up in neat boxes
- Labelled
- And delivered in the cleanest way possible.

Customers realize the advantage of the boxes.

Send for figures on your next lot.

Journal of Commerce Job Dept.
171 ST. JAMES ST.

*** BLACKMAN'S ***

Patent Power Ventilating

*** WHEEL. ***

HEATING.

COOLING.

DRYING.

VENTILATING.

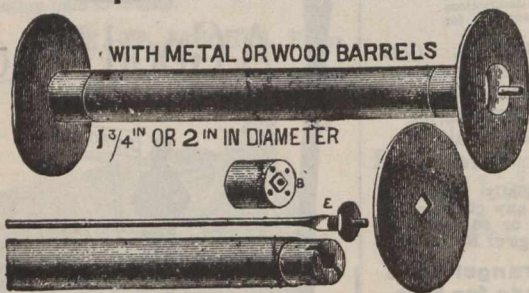
14 Highest Awards Given to the Blackman Air Propellor.

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

MILLER BROS. & TOMS, - Agents, - MONTREAL

JOHN KAY,

Machinist and Mill Furnisher,
Crown Works, Walker St., ROCHDALE, Eng^d
PATENT CONDENSER BOBBIN.



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

Garnock, Bibby & Co.,

Limited.



Steel Wire and Hemp
Rope Manufacturers,

LIVERPOOL, - ENGLAND,

Contractors to the Admiralty and
War Office.

DRIVING ROPES.

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

ATKINSON BROTHERS, LTD.,

MILTON WORKS and
BRITANNIA STEEL WORKS, Sheffield, Eng.,



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

LATHE and Planing Tools, Milling Cutters, Screwing Tackle, Shear Blades, Punching Tools, Chisels, Files, Miners' Drills, Hammers, Sates, Smiths' Tools, Rivet Tools, Spindles, Weiding Steel, and Sheet Steel for all purposes.

... FOR

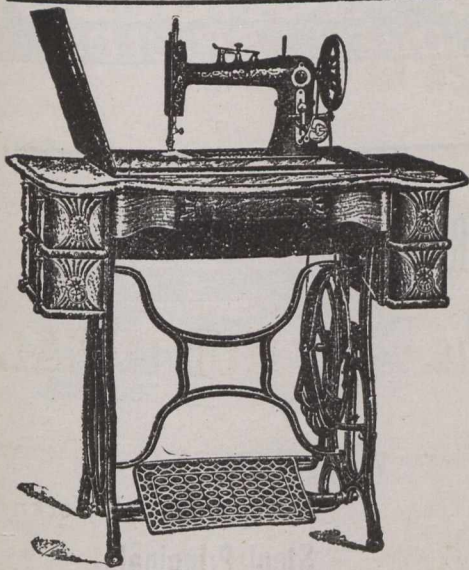
Eclectic Steel Co., Limited,

Princess Street Works,
SHEFFIELD, Eng.

MANUFACTURERS OF
CRUCIBLE CAST STEEL
FOR ALL PURPOSES.

Special Miners Drill Steel
Ground and Polished Steel for Shafting.

SPECIAL NOTE.—This Special Steel is manufactured for the Canadian Market, under the new preferential tariff, 33½ per cent. in favour of the English makers.



We make High Grade Family
SEWING MACHINES

For the Merchant's Trade

Write us for Prices and Terms.

We can interest you.

FOLEY & WILLIAMS M'F'G. CO.,

Factory and General Office :

CHICAGO, Illinois.

European Office : A2 Southwark Bridge Road, London, Eng. Southern Office : 121-123 W. 5th St., Cincinnati, Ohio. Representatives for the Province of Quebec : H. & J. YOUNG, 111-115 Bridge St., Quebec, P.Q. Representative for Asia and The Phillipines : NEW YORK EXPORT & IMPORT CO., New York City. Representative for Australasia : H. S. CHIPMAN, 54 Margaret St., Sydney, Australia. Representative for Mexico : W. B. ARRINGTON, Guadalajara, Mex. Representative for Yucatan : W. M. JAMES, Merida, Yucatan, Mex.

Contractors to the British Admiralty and India Office.

H. Charlton & Co.,

SOUTH SHORE Rd.

Engineers & Anchor Manufacturers,
Gateshead-on-Tyne, - England.
Telegraphic Address : "CHARLTON HAWKS, GATESHEAD."

YOU WANT **ANCHORS?**

USE ours, which are of great holding power and moderate cost. Used by British Admiralty, Foreign Governments and the Mercantile Marine. Complete outfits of Chains and Anchors supplied : made to Admiralty, Lloyd's or Bureau Verita. inspection.



YOU WANT **FANS?**

WRITE to us for particulars of the "SIROCCO," which is of high efficiency and moderate cost. Special system of induced and forced draught. If you want more steam from your boilers, or to save coals, write us.

Sole Manufacturers of

... IMPROVED MARTIN'S PATENT ANCHORS ...

For the Improved Martin's Anchor Company, Limited London.

We have orders now in hand for over 300 tons of our Anchors for British Admiralty alone.

**Journal of Commerce Job
Department for Printing.**

PILE SHOES

With Chilled Points

(Copley & Co's Patent),

FOR

PILE WORK of Every Description:

PRICES AND TESTIMONIALS
ON APPLICATION.



Copley, Turner & Co., Ltd.

MIDDLESBOROUGH, ENGLAND.

Telegraphic Address : "SEAKING," A. B. C. Code.

Rigby, Wainwright & Co.,

Manufacturers, Railway

...And **Government Contractors**

Engine Waste, Sponge Cloths,
Lamp Wicks, Twines, Ball Cottons,
Engine Packing, Box Cords, Roping
and Seaming Twines, Mops, Dusters,
House Flannel, Neptune Scourer,
Buntings, &c.



NEPTUNE WORKS.

Union Street, Fairfield St., - MANCHESTER, Eng.

AYLOR'S PATENT

CONTRACTORS TO THE ADMIRALTY

ATTENTION OF ENGINEERS & OTHERS IS SOLICITED TO THE PRINCIPLES OF OUR UNIQUE PACKING, THIS PACKING CONSISTS OF METAL RINGS OBLONGS, & SQUARES, CUT FROM SHEETS OF BRASS, & CORRUGATED; FOR THE PURPOSE OF BEING PLACED IN JOINTS IN THE JOINING OF METAL PIPES IN JOINTS STEAM & WATER-TIGHT, IN MAKING JOINT CORRUGATED, HE Laid WITH CEMENT ON INNER PART OF FLANG, CLEAR OF BOLTS, IN MAKING UP JOINT, RIDGES OF CORRUGATIONS YIELDING TO IT WILL TAKE UP IRREGULARITIES OF SURFACES OF FLANGES, MAKING IT SUITABLE FOR HIGH PRESSURE FROM STEAM OR WATER TO ENTER JOINT.

MAKERS NEWTON

THE DOCK CORRUGATED PACKING WORKS



FOR JOINTS

METALLIC PACKING.

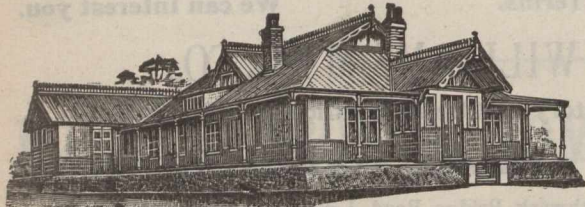
& SPANISH ROYAL NAVAL COMMISSION

SOME ADVANTAGES OF THIS PACKING ARE :
 1-CHEAPNESS, NO CUTTING OF HOLES TO MAKE COST OF RINGS BEING A TRIFLE COMPARED WITH IMPORTANCE OF HAVING A GOOD JOINT.
 2-THIS PACKING IS SUITABLE FOR HEAT, PETROLEUM, BOILER STAYS ETC.
 3-BY USING RINGS TIGHT JOINT CAN BE MADE WITH GREAT CERTAINTY.
 4-WITH THIS PACKING A CLOSE NEAT JOINT CAN BE MADE.

THESE RINGS MANUFACTURED IN BRASS COPPER GUN METAL & STEEL

& NICHOLSON

SOUTH SHIELDS



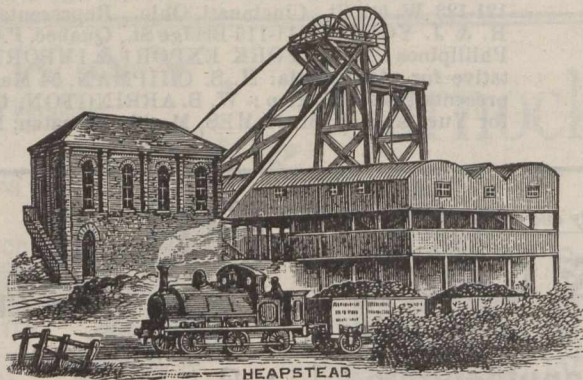
BUNGALOW.

MANUFACTURERS OF

IRON BUILDINGS,

Churches, Schools,
HOSPITALS, BARNS,
WAREHOUSES,
HEAPSTEADS.

Huts, Hay Sheds, Farm Buildings.

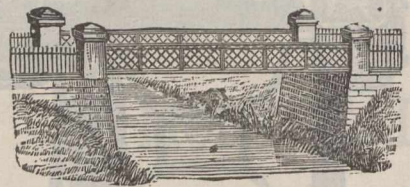


HEAPSTEAD

Special Prices to Canadians under the New Tariff.

THE ALNWICK FOUNDRY & ENGINEERING CO.,

Alnwick, England,



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

L. WRIGHT & SON,

WRIGHT'S CELEBRATED NAVY BISCUITS.

These Biscuits are made from Pure Wheaten Flour, Thoroughly Kilt-Dried and specially prepared for long voyages, and are of World-Wide renown.

Established over 100 Years.

Manufactory: East Holborn; Offices: Dean Street,
SOUTH SHIELDS,
ENGLAND.

AMOS COWEN,

Builder & Contractor

294 Peel Street,
MONTREAL, Que.

Insurance.

The Federal Life ASSURANCE COMPANY.

HEAD OFFICE, HAMILTON, CANADA.

Capital and Assets - - - - \$2,319,925.58
 Surplus to Policyholders - - - 1,029,075.64
 Paid Policyholders in 1901 - - - 182,925.67

MOST DESIRABLE POLICY CONTRACTS.

DAVID DEXTER,
 President and Managing Director.

J. K. McCUTCHEON,
 Sup't. of Agencies,

H. RUSSELL POPHAM, Provincial Manager.

"The amalgamation of the Manufacturers Life and Temperance and General Life Assurance Companies has proved to be one of the most successful ventures ever attempted in Canadian Insurance Circles."

Write for Annual Report for 1901 of

THE MANUFACTURERS LIFE INSURANCE COMPANY

(Formerly The Manufacturers Life and Temperance and General Life Insurance Companies)

Hon. G. W. ROSS, President. J. F. JUNKIN, Managing Director.
 Head Office—Toronto.

Insurance.

British * America ASSURANCE COMPANY.

HEAD OFFICE, - - - TORONTO,

Incorporated 1833.

FIRE AND MARINE.

Cash Capital, \$1,000,000.00
 Assets, \$1,776,606.45
 Losses Paid since organization, .. \$19,946,517.73

Geo. A. Cox, President. J. J. KENNY, Vice-Pres. P. H. SIMS, Secretary
 C. R. G. JOHNSON, Res. Agent, 1723 Notre Dame St., MONTREAL.

The Mutual Life INSURANCE COMPANY

OF NEW YORK.

RICHARD A. McCURDY, President.

STATEMENT FOR THE YEAR ENDING DEC'EMBER 31st, 1901

Assets, - \$352,838,971.67

Reserve on Policies (American Table, 4 p.c.).....	\$289,652,388.84
U.S. Bonds and other Securities	198,063,981.24
Surplus.....	23,171,709.01
Receipts from all sources	65,624,305.51
Payments to Policyholders.....	42,452,606.50
Risks and annuities in force amounting to.....	1,246,508,101.11

NOTE.—The above statement shows a large increase over the business of 1900 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.

AGENTS WANTED. Apply to

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.

Canadian Head Office: BEAVER HALL, MONTREAL
 J. E. E. DICKSON, Manager.
 Agents Wanted throughout Canada.

Scottish Union and National INSURANCE COMPANY,

Of Edinburgh, Scotland.

ESTABLISHED 1844.

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..... 500,192.89
 Insurance in Force..... 25,575,142.00

L. GOLDMAN, Secretary. WM. McCABE, Man. Dir.

Messrs. AULT and McCONKEY,
 Managers for Province of Quebec,
 180 St. James St., Montreal

Saxe & Archibald,
 ARCHITECTS
 Room 79, Imperial Building
 MONTREAL.

OILS.

The IMPÉRIAL OIL COMPANY, Ltd.

—REFINERS AND MANUFACTURERS OF—

CANADIAN PETROLEUM PRODUCTS,

Under New Patent Process

Refined Oils, Benzine, Napthas and Gasolenes, Lubricating Oils, Greases,
 Paraffine Wax Candles, Fuel Oils, &c.

Refineries: SARNIA and PETROLIA, Ont.

Branches:

MONTREAL, P.Q. ST. JOHN, N.B. HALIFAX, N.S. WINNIPEG, Man.;
 VANCOUVER, B.C.

—SELLING AGENTS FOR PROVINCE OF ONTARIO—

The QUEEN CITY OIL COMPANY, Limited,

Head Office: TORONTO, Ont.

Branches: OTTAWA, HAMILTON, LONDON, KINGSTON, and other Stations in
 Province of Ontario.

NEW YORK LIFE

INSURANCE COMPANY.

JOHN A. McCALL, President.

Gain in Insurance in force 1901
\$163,000,000

AN UNPARALLELED RECORD.

Applications invited by the undersigned for general and special agencies, and management of territory from experienced Life Insurance men, as well as from those wishing to acquire training and experience.

WESTERN CAN. BR., 496 1/2 Main St., Winnipeg, Man.
N. B. BR., 120 Prince William St., St. John, N. B.
TORONTO BRANCH, 6 King St. West, Toronto, Ont.
HALIFAX BR., Barrington and Prince Sts.

G. F. JOHNSTON,

AGENCY DIRECTOR,

Company's Building, MONTREAL

J. DUNCAN DAVISON

Imperial Bdg. 107 St. James Street,
Montreal.

COMMISSIONER

For Following Provinces:

Ontario, Quebec, Manitoba, New Brunswick
Nova Scotia and Prince Edward Island.

LIVERPOOL & LONDON & GLOBE

INSURANCE COMPANY.

Available Assets, - - \$61,187,215
Funds Invested in Canada, - \$3,300,000

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

Canada Board of Directors:

A. F. GAULT, Chairman.
WENTWORTH J. BUCHANAN, Deputy Chairman.
SAML. FINLEY, E. S. CLOUSTON.
HON. SIR ALEXANDRE LACOSTE, K.C.M.G.
G. F. C. SMITH, Resident Secretary.

Head Office, Canada Branch:

MONTREAL.

THE WATERLOO MUTUAL

Fire Insurance Company.

Established in 1863. Head Office, Waterloo, Ont.

Total Assets, Jan. 1, '04, \$349,734.71.

GEORGE RANDALL, Esq., President; JOHN SEUH,
Esq., Vice President; Frank Haight, Esq., Manager;
John Killer, Esq., Inspector.

UNCONDITIONAL POLICIES

ARE ISSUED
BY THE . . .

CONFEDERATION LIFE ASSOCIATION.

Cash Values,
Extended Insurance,
Paid up Policies,
GUARANTEED.

Full information sent on application.

H. J. JOHNSTON,
Prov. Manager,
174 ST. JAMES ST.,
MONTREAL.

W. C. MACDONALD,
Actuary.

J. K. MACDONALD,
Managing Director.

Head Office, - TORONTO.

LIFE INSURANCE ANNOUNCEMENT.

JANUARY, 1902.

The rapidly increasing business of THE ROYAL-VICTORIA LIFE INSURANCE CO., requiring larger Head Office accommodation, the Company will occupy its new offices on the second floor of the Royal Insurance Building, Place d'Armes Square, on the 1st of May next.

The new business issued in 1901, shows an increase of 33 per cent. over the previous year.

Head Office,
MONTREAL.

DAVID BURKE, A.I.A., F.S.S.,
General Manager.

B. S. & W. WHITELEY

Press
Paper
Manufacturers,

Pool Paper Mills, POOL, nr. LEEDS,
ENGLAND.

WESTERN ASSURANCE COMPANY.

FIRE AND MARINE. Incorporated 1851.

Assets, over \$2,925,000.00
Annual Income, 2,994,000.00

Head Office, - Toronto, Ont.

Hon. GEO. COX, Pres. J. J. KENNY Vice-Pres. & Man.-Dir
C. C. FOSTER, Secretary.

Montreal Branch, - - 189 ST. JAMES STREET,

ROBT. BICKERDIKE, Manager.

ROUTH & CHARLTON, City Agents.

THE IMPERIAL INSURANCE COMPANY LIMITED

FIRE.

LONDON.

ESTABLISHED 1808.

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

Canadian Branch:

COMPANY'S BUILDING, PLACE D'ARMES, MONTREAL.

NATIONAL ASSURANCE COMPANY OF IRELAND.

ESTABLISHED 1822.

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

Canadian Branch:

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

H. M. LAMBERT, MANAGER.

DISTINCTIVE QUALITIES

—OF—

**North Star, Crescent
and Pearl Batting.**

Purity, Brightness, Loftiness.

No Dead Stock, oily threads nor miserable yellow fillings of short staple. Not even in lowest grades. Three grades—Three prices and far the best for the price.

COMMERCIAL UNION ASSURANCE CO., Ltd.,

Of London, England.

FIRE LIFE MARINE

Agencies in all the principal Cities and Towns of the Dominion.

HEAD OFFICE, Canadian Branch, - MONTREAL