THAREE AND HISURANCE REVIEW.

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MONTREAL, FRIDAY, JANUARY 24, 1902.

M. S. FOLEY, EDITOR AND PROPRIETOR

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(ESTABLISHED 1817.)

Incorporated by Act of Parliament.

Capital (all paid up) \$12,000,000.00 Reserved Fund. - 7.000.000.00 Undivided Profits. - 510,084 04

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BANKERS IN THE UNITED STATES:

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Montreal, 17th November, 1900.

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INCORPORATED 1855.

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Reserve Fund - - - 2,400,000

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Capital Subscribed, \$600,000
Capital Paid-up, 401,200
134,000

Capital Paid-up,

Reserve,

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THE ONTARIO BANK.

Capital subscribed
Capital Paid-up

Rest
Profit and Loss Account
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BANQUE D'HOCHELAGA.
Capital Subscribed, \$1,500,000
Capital Paid-up, -1,500,000
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RESERVE FUND. 1,500,000

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Blyth,
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Blyth,
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Dundalk,
Dundas,
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The Dominion Bank.

NOTICE is hereby given that a Dividend of 2½ per cent. upon the Capital Stock of this Institution, has been declared for the current quarter. being at the rate of 10 per cent. per annum and that the same will be pavable at the Banking House, in this city, on and after Saturday, the first day of February next. The transfer books will be closed from the 21st to the 31st January next, both days inclusive. By order of the Board.

T. G. BROUGH, Gen. Manager.
Toronto, December 24th, 1901.

The Standard Bank of Canada

Capital Paid-up, - \$1.000,000 Reserve Fund . - 750,000

Reserve Functions.

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JOHN BURNS, Vice-President.

W. F. Allan, Fred. Wyld.

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Brighton.
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All banking business promptly attended to. Correspondence solicited.
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Capital (Fully paid up) - - - \$2,000,000 Rest, - - 1,765,000

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Rest, 1,765,000

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GEORGE HAY, Vice-President

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chasta National Back. Chicago 'Un' of McLiteal.

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UNION BANK OF CANADA Capital Paid-up. - \$2,000,000 Rest, - 550,000

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Wm. Price, Esq.
Wm. Shaw.
Wm. Shaw.
Wm. Shaw.

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Inspector
Asst. Inspector
Asst. Inspector
Asst. Inspector
Asst. Inspector
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Carman, Man.
CarletonPlace, O. Maniton, Man.
Carman, Man.
Carman, Man.
CarletonPlace, O. Maniton, Man.
Morden, Man.
Moosomin, N.w.T. Wannesa, Man.
Moosomin, N.w.T. Wannesa, Man.
Morden, Man.
Norwood, Ont.
Winnipeg, Man.
Norwood, Ont.
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Minnespolis,
St. Paul,
Great Falls, Mont.
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Buffalo, N. Y.
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CAPITAL AUTHORISED - \$3,000,000
PAID-UP - 2,500,000
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do St Roch.
Montreal, St. James St.
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Thetford Mines Que.
Pembroke Ont.
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do HALLEAN BANKING

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BANK OF NOVA SCOTIA.

INCORPORATED 1882.

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BRANCHES.

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Capital (paid up) 1 DIRECTORS.

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D. R. WILKIE, General Manager.

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Ningara Falls, St.
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Port Colborne,
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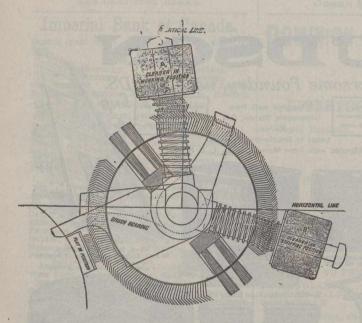
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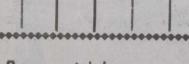
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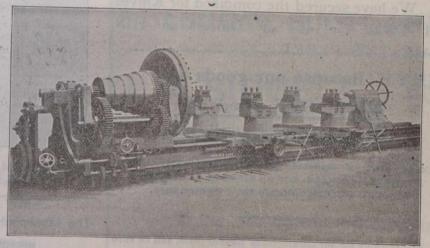
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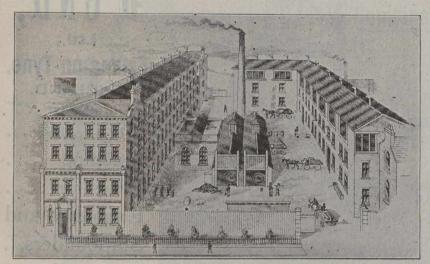
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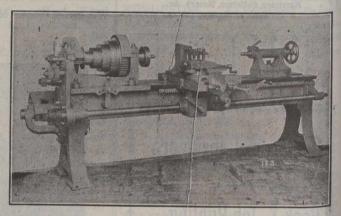
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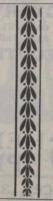
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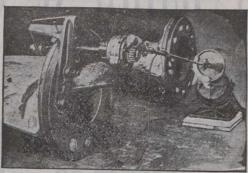
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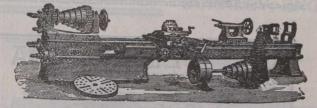
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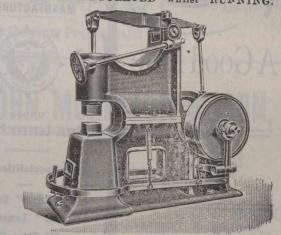
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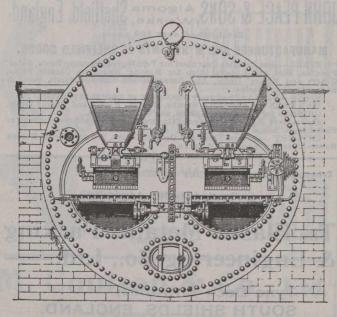


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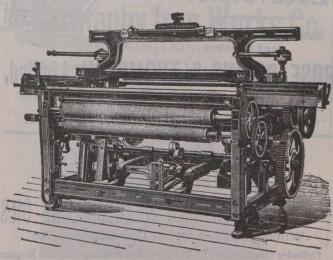
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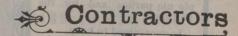
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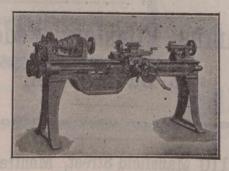


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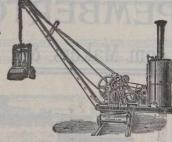
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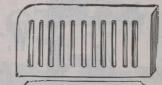
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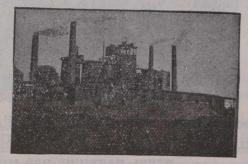
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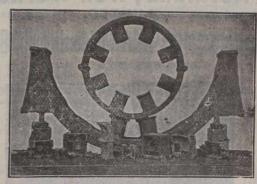


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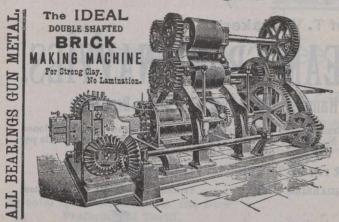
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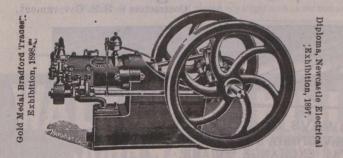
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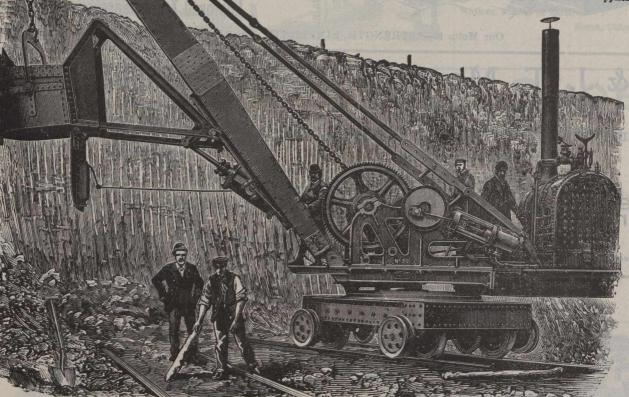
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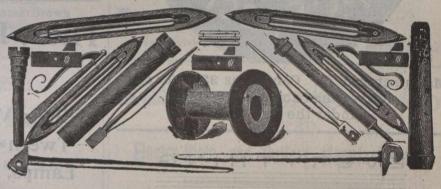
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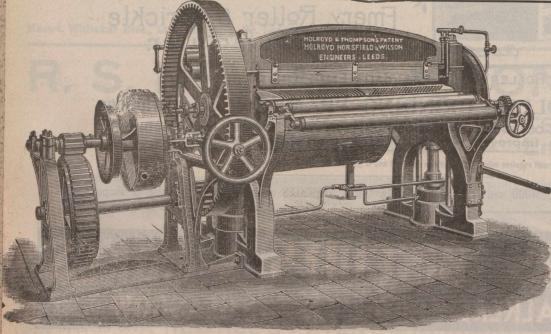
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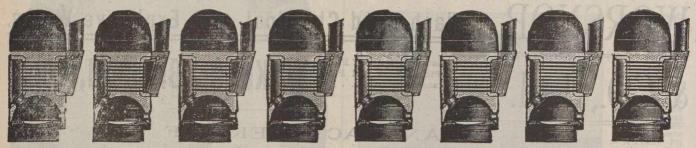
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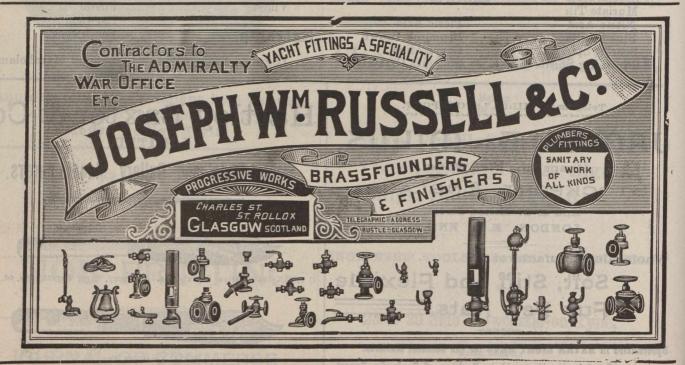
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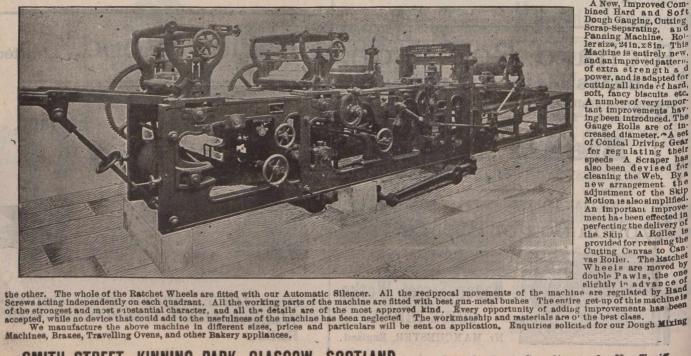


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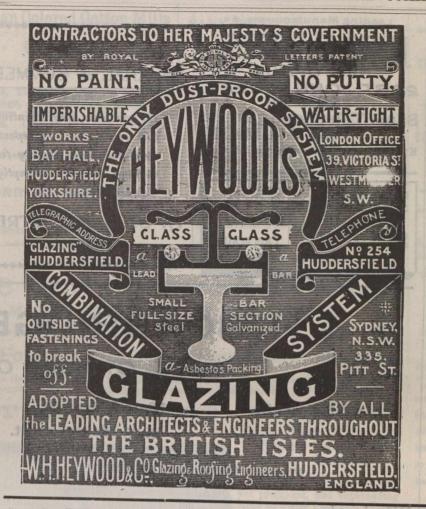
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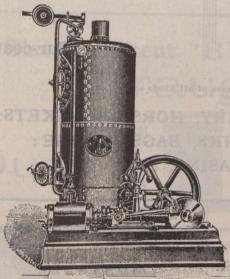
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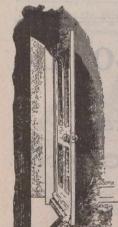
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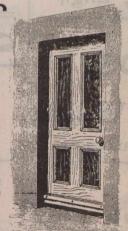
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-The Chancellor of the Exchequer, Sir Michael Hicks-Beach, has given out a definite assurance that their will be no alteration of the coal tax in the forthcoming budget.

-The New Brunswick Coal and Railway Company has decided to close arrangements for the purchase of two excavator and haul-out machines for use in the development of the Newcastle coal fields.

-Vienna papers announce that Russia is trying to organize a commercial alliance against the proposed German Austria, Italy, Denmark, Switzerland, Servia, and Roumania are represented as being willing to co-operate in what would prove a virtual boycott of Germany.

Application has been made for the incorporation of a joint stock company under the name of Ennis, Limited, Toronto, to take over the piano manufacturing business of carried on by Ennis & Company. The capital stock has been placed at \$100,000. The provisional directors are C. L. Ennis, A. Glass, and W. Ainslie of Hamilton.

A Vancouver B. C., letter states that the reports of recent damage and loss of life from storms have been greatly exaggerated, The total collective damage to all the canneries on the coast will not exceed \$10,000, and beyond the breaking of the dykes on Lulu and Sea Islands, which caused some loss at high water, there has been no serious damage.

INCORPORATING FIRMS ESTABLISHED OVER 100 YEARS.

FLEMING'S

The "TEON" BELT is guaranteed to work effectually in Heat, Steam, Damp, Water and Outof-doors in all weathers.



The "TEON" BELT is unrivalled for high speeds, variable loads and difficult drives.

BELTING.

Fleming, Birkby & Goodall, Ld., Leather, Hair, Cotton & West Grove Mill, Halifax, England,

LARGEST AND OLDEST MAKERS OF CARD CLOTHING FOR FLAX, TOW, JUTE, HEMP, &c, ALSO SILK COMBS.

Telegrams:-MEADOWS, SHEFFIELD.

C. Meadows & Co, Ltd.

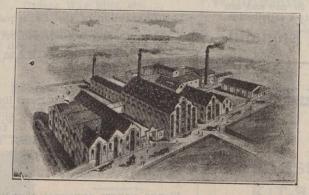
Steel Manufacturers, Forgers, Tilters and Rollers.

Alliance Forge & Rolling Mills.

ATTEROLIFFE Nr Broughton Lane Station, Great Central Ry SHEFFIELD, England.

Preston's Liverpool Distillery
—Company, Limited —

Finest Grain Spirits,



Distillery:

BANKHALL, SANDHILLS.

OFFICE

4 India Buildings, Water Street,

LIVERPOOL, Eng.,

Contractors to H. M. Government.

HARRAP BROS.,

Manufacturers

Kendal and other Knitting Worsteds,

Fingerings and German Wools, Andalusian and Soft-Spun Saxony

Sole Makers of the Celebrated

"PRIMULA" WOOL 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,

—Washington, U.S., advices of recent date state that the hearings on the various oleomargarine bills before the Agricultural Committee of the House were continued. Mr. Tillingham, representing an artificial butter factory at Providence, R.I., gave it as his opinion that a 10 cent tax on the oleo and butterine would kill the industry.

—At the meeting of the creditors of A. Reid, grocer, Toronto, the stock sheets showed assets of \$2,200, and liabilities of \$3,200. The meeting adjourned for a few days when the highest offer will be accepted.—The creditors of H. S. Williams, Hamilton, met in Toronto, on the 18th. The assets were nominally \$4,589, and the liabilities \$3,200. It was decided to sell the stock by auction.

—The public accounts of the Province of Ontario have been issued. They show a total of income of \$4,466,000 for the year 1901, compared with \$4,192,000 in 1900. The expenditure was \$4,038,000, compared with \$4,003,000 in 1900. The surplus on the year was \$427,000, and the present time the province has a cash balance of \$1,468,492 in various banks, and the total surplus is estimated at \$2,571,292.

—It is estimated that the number of cotton spindles in the world is 106,534,000, distributed as follows: Great Britain, 45,500,000; United States, 20,058,000; Germany, 8,000,000; France, 5,500,000; East India, 4,700,000; Austria, 3,200,000; Spain, 2,650,000; Italy, 2,100,000; Switzerland, 1,700,000; Japan, 1,350,000; Belgium, 950,000; China, 565,000; Canada, 550,000; Sweden and Norway, 550,000; Mexico,491,000; Holland, 290,000; Portugal, 230,000; Greece, 100,000 spindles.

—Constantinople advices state that an irade has been promulgated approving of the final convention for the construction of the Bagdad Railroad by the German Anatolia Railroad. The line will be carried to the Persian Gulf. The concession for a line of railroad connecting the Bosphorus with the Persian Gulf is regarded as ex-

SLADE & Co., Ltd.

THE ROYAL TOFFY WORKS,

LEEDS, - ENGLAND

Manufacturers of the finest

> HOME MADE TOFFY.

33½ per cent, in favor of Canadians, under the

DAVY BROTHERS

Limited.

TELEGRAMS: " Motor, Sheffield."

SHEFFIELD, England.

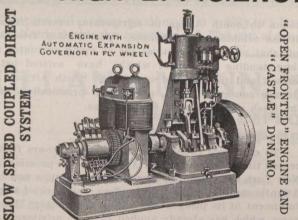
High-Class Lancashire and Cornish Boilers Coal or Gas Fired, up to 200 lb. working Pressure.

N the Manufacture of these Boilers, Hydraulic, Steam, and Pneumatic Machinery of the most modern construction is employed, and all Boilers are made to pass Insurance Inspection.

DYNAMOS

SHIP LIGHTING

SLOW SPEED. HIGH EFFICIENCY.



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

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

ESTABLISHED 1887.

Telegrams: - "PNEUMATIC, Leeds."

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



THE TPERIAL MOTOR BICYCLE,

LEEDS MOTOR EXPERTS, WALKER BROS., Meanwood Road, LEEDS, Eng.

-Preliminary work has, it is stated, been commenced on one of the largest and longest mining tunnels in the world, near Juneau, Alaska. The tunnel will be more than 6,000 feet long, and will be started on the beach

tremely important, both politically and commercially.

When completed it will bring India within approximately

large number of claims in the Silver Bow Basin. A large mill will be built on the beach, where it can be operated the year round. It is said that the tunnel will cost in the neighborhood of \$2,000,000.

south of Juneau, and run into the mountains to tap a

eight days of London.

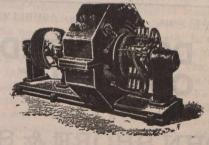
-The Welland County Farmers' Institute held a meeting at Welland, Ont., recently at which Major Sheppard of Queenston, delivered an interesting address on the raising of corn, advocating steady and constant cultivation and the use of silos to secure the best value in food from the stalks, the most sugar and starch being in the lower part of the stalk which becomes too hard to be eaten, unless put in a silo, in which case it is eaten clean. He also discussed the raising of the bacon hog, the exports of bacon having increased from half a million dollars ten years ago to twelve million dollars last year. and at a very remunerative price.

ALFRED SYKES.

ELECTRICAL ENGINEER,

Spring Place Works.

Huddersfield. ENGLAND.



Note-Buy British Dynamos, under the New Canadian Preferential Tariff, 331/4 in favour of English Goods.

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

Original Inventors, Patentees and Sole Makers of

BARKER'S SELF-LANDING AND DELIVERING HOISTS

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 TRAVELI ING 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 Englands they have 33½ p.c. in their favour under the new Preferential Tariff. 1



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

OVER 2,000 AT WORK.

Ottawa advices state that Mr. W. G. Parmelee, Deputy Minister of Trade and Commerce, who has been appointed commissioner to investigate the general question of the handling, weighing and shipping of dairy produce, will open the enquiry at Montreal on the 28th inst. He will be at St. Hyacinthe on the 30th, Victoriaville on the 31st, Brockville February 4, and Cowansville February 11. The object of the commission is to discover a means, if possible, for obviating disputes between buyers and sellers in the class of produce referred to.

—It is learned in London that Cecil Rhodes has secured contracts amounting to several million pounds sterling for supplying South Africa, especially the British troops in that part of the world, with fresh meat, which will be taken to South Africa in refrigerator vessels from the British colonies and elsewhere. Mr. Rhodes' friends admit that one of his motives for so doing emanates from long-standing differences which have existed between himself and the head of one of the South African cold-storage concerns, which, at present, practically controls the fresh meat trade of South Africa.

To clip from twenty-four to thirty-six hours from the record time for crossing the Atlantic is the promise of the New York and European Steamship Company, a new trans-Atlantic steamship line, which offers assurance of a speedy fulfilment of its pledge, says a New York letter. This company, which has already applied for pier privileges in the city, and formulated the larger part of its plans, expects by the substitution of the turbine engine for that now in use, to secure a constant speed of 30 knots an hour in its

SASH — WEIGHTS



Manufactured for the Canadian Market under the New Tariff, by_____

C. H. Taylor & Son,

CYCLOPS FOUNDRY

LEEDS, ENGLAND.

Established 6.7 years.

Telegrams: "SUBLIME, Liverpool.

DESSICATED COCOANUT.

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JOHN SHORE & SON,
39 Old Hall St...

gamples at your disposal. Terms: Cash against B. Lading.

LIVERPOOL, Eng.

TELEGRAMS:-" Install,"Middlesbrough.



3(0 KILOWATT DYNAMO.

Warren, Beattie & Co., ELECTRIC POWER ENGINEERS.

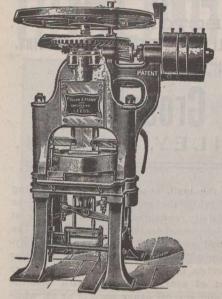
Contractors for Complete Electric Power and Lighting Installations for Mines, Shipyards, Iron and Steel Works, etc., etc.,

... MIDDLESBROUGH, England.

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Titley's Patent Screw, Brick & Tile Press,



WITH PULLAN & MANN'S LATEST PATENT POWER GEAR,

REVERSING AND STOPPING MOTIONS.

Saves Hand Labour. Also produces Ornamental Bricks and Tiles. Capacity, 5,000 to 6,000 per day. Approx. Weight, 30 cwts.

This illustration represents our well-known TITLEY PRESS fitted with our Latest Patent Power Gear, Reversing and Stop Motions, and our Patent Ex-PANDING MOULD for Pressing SAND FACED BRICKS.

The Mould is simple in construction, having no flapping sides or loose joints to get out of order. It opens and closes automatically, and can be readily cleaned. The power gear stops and starts the Press, the momentum of the Fly Wheel striking the blow as hitherto, but an Automatic Reversing Motion has been added which obviates the reversing by the attendant.

We have retained the Titley Patent Double Quick Action Screw and Phosphor Bronze Nuts which have proved so successful in the past for producing a really first-class brick.

The illustration shows a Sand Faced Mould, but it will be understood that this Press (as hitherto) is specially adapted for GLAZED BRICKS, HIGH-CLASS FACING BRICKS, AND ALL KINDS OF ORNAMENTAL BRICKSAND TILES up to 15 in. and 18 in. square.

This press will produce goods equal in quality to a Hand Press, and its advantages over hand pressing are:—
1st, Nearly double the capacity; 2nd, The cost of one or two men turning wheel; 3rd, Uniform pressure each stroke.

PULLAN & MANN, Cambrian Works, Leeds, England,

PATENT IMPROVED BRICK, TILE and SANITARY PIPE MACHINERY, &c.

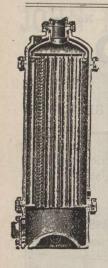
new boats. Such a speed will mean that passengers can be carried from this country to Europe in a little more than four days.

-Much has been said and written about mice starting tires by gnawing at the heads of matches, but it is seldom that positive proof of the assertion can be found. Recently Fred. Weddigen, a Williamsport (Pa.) agent, received from a grocer a box which showed just how such fires are started. In this instance one-half of the matches were gone and the remains were used in building a nest for the mice. Two young mice, probably as many days old, were found in the nest. The mice gnawed the wood of the match until it resembled excelsior. All but the heads of the matches were used. The heads were carefully piled away in one corner of the box under the nest. It is when the mouse gnaws too close to the head that the fire is started. Instantly one is ignited, the shavings in the box blaze up, and sometimes serious conflagrations result,

-The Hon. Mr. Latchford, Minister of Public Works, Ontario, has introduced a bill providing for a Government railway 100 miles from North Bay to Lake Temiscaming in New Ontario. The Government will appoint a commission of three to five persons to construct and operate the railway. The tariff rates, etc., are to be subject to the lieutenant-governor-in-council, and the railway may enter into agreements for reciprocal running powers with other lines. The cost of construction is to be met by setting apart tiers of townships along either side of the railway, not to exceed 20,000 acres per mile. The railway is to be constructed, equipped and operated as far as possible with Canadian material, and the labor employed is not to contravene the Alien Labor Law. The commissioners may issue debentures for not more than forty years at 3 per cent. or less, which may be guaranteed by the Government.

- Casualty Insurance Decisions. - Defendant insured plaintiff against loss from liability to his employees for personal injuries and from liability to persons other than employees who might sustain bodily injuries caused by the business operations of the insured. The policy described plaintiff's business as manufacturing and erecting structural ironwork for buildings. The policy also insured plaintiff's liability on shop work and general liability on outside work. The policy provided that the company might pay the full amount for which it would be held liable in respect to claims for personal injuries, failing which it "shall defend said proceedings in behalf of the insured, and shall have control of such defence." Plaintiff was sued by several persons for injuries received in the erection of a building. Defendant refused to defend such suit, and plaintiff did so successfully. Held, that defendant was liable to plaintiff for his expenses in connection therewith. Cornell vs Travelers Ins. Co., 73 N. Y. Supp., 341.

-The North German Lloyd Company, says a Berlin cable, is building what will be the biggest steamship in the world and the first to cross the Atlantic in less than five days. The new vessel will be christened in the summer of 1902 by Emperor William, who will give the great vessel his own name, Kaiser Wilhelm II. The steamer is now being hurried to completion at Stettin and will have a contract speed of twenty-four and one-half knots an hour, calculated to propel it from Lizard Head to Fire Island in four days and twenty hours. The new vessel will exceed its predecessors in every respect. Its length will be 707 feet, seven feet longer than the Celtic. Its horse power will be 40,000, 4,40 greater than its nearest rival, the Deutschland. This latest greyhound will be equipped with six separate decks, one more than has hitherto been known in shipbuilding. It will cost 15,000,marks (\$3,570,000), will carry 1,283 cabin passengers, 784 steerage, and 545 of a crew. Captain Englehart, who



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 Grosshills,

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

KEIGHLEY, England.

of the departure of the mail, stocks were accumulating

will command the vessel, is now in Stettin overseeing the fastening of every bolt and rivet.

The movement of grain eastward from Chicago by lake during the past season of navigation reached the enormous total of 81,122,032 bushels. Of this great business Canadian ports received less than one-fifth, Buffalo taking just about two-thirds of the total. At the latter port there was received from Chicago by lake 54,746,-849 bushels of all grains, through Canadian ports there were received 17,108,421 bushels. From the figures available it will be seen that Depot Harbor, or Parry Sound, as it is more familiarly known, is obtaining the great proportion of the Canadian business from Chicago, the grain there going over the Canada Atlantic to the seaboard. Depot Harbor's share of the little over seventeen million bushels was 9,744,701 bushels, of which wheat and corn formed the principal part. The exact shipments from Chicago to Canadian lake ports are as follows: -Kingston-349,250 bushels wheat, 149,750 bushels corn. Depot Harbor-8,887 barrels flour, 4,295,943 bushels wheat, 3,897,191 bushels corn, 1,389,705 bushels oats, 161,862 bushels rye. Sarnia-3,519,702 bushels oats. Prescott-87,300 bushels wheat. Midland-499,615 bushels wheat, 1,485,000 bushels corn. Meaford-222,500 bushels wheat, 782,398 bushels oats. Goderich-71,500 bushels wheat, 574,850 bushels corn. Other Canadian ports - 199,770 bushels corn, 22,000 bushels rve.

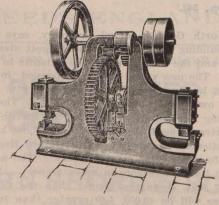
—Although the Argentine wool season has commenced, the exportation so far, says a Manchester, Eng., letter, has been very slack. Plenty of wool has arrived in the Buenos Ayres market, the clip having given excellent results, but it nearly all remains in deposit. At the time

in Central market. While the arrivals were running to over a million kilos. daily, consignees estimated sales at 500,000 to 600,000, which would leave a heavy surplus. The Buenos Ayres Standard observes: "The majority of buyers have orders for only fine cross and fine wools at low prices, so that the crisis in coarse wools becomes more marked daily. A lot of coarse crossbred with 'semilla' has been sold at 1\$, and several other parcels at 2\$, while good to superior only obtain 3\$20 to 3\$70. pirces never before known here, and when the tax, freight and expenses are deducted the result is ruin for the sheep farmer, especially if he is counting upon it to pay his rent. But such is the state of the market without gloss of exaggeration. And the worst of it is that the utter in difference of buyers even at these prices seems palpable proof that Europe has no application for coarse wools. How is it to end? Such a critical state of affairs cannot continue long without causing commercial trouble, and we much fear that not only the sheep farmer, but the consignee and business houses, must also suffer."

-Cashier's check does not pass title to money.-The Supreme Court of Illinois holds that the check of a depositor upon his banker, delivered to another for value, transfers to that other the title to so much of the deposit as the check calls for, which may again be trans ferred to another by delivery, and when presented to the banker the latter becomes the holder of the money to the use of the owner of the check, and is bound to account to him for that amount, provided the party drawing the check has funds to that amount on deposit, subject to his check, at the time it is presented. But a cashier's check, that is to say, a check drawn by the cashier of a bank on the bank, is is no sense, the court holds, in the case of Clark against the Chicago Title and Trust Com pany, 57 Northeastern Reporter 1061, a check within the definition of such an instrument as the above rule ap plies to. A cashier's check, it goes on to explain, is not

A. Kinghorn & Co.,

Phonix Ironworks, Millwood, TODMORDEN, ENGLAND.



Double End Punching and Shearing Machines.

Caradians have 33½ per cent. in their favor by purchasing these Machines, under the New Canadian Tariff.

C.& A. MUSKER, Ltd.,

LIVERPOOL, ENGLAND.

.. HYDRAULIC.. .. ELECTRIC.

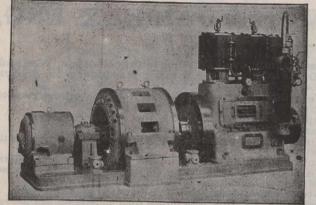
Cranes, Dock Machinery, Presses, Coal Tips, Lifts, Capstans, Pumps, Steam Motor Wagons.

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

Telegraphic Address: "Muskers, Liverpool"

Telegrams: "MAGNETO," Bradford.

ROSLING, APPLEBY & FYNN,



LIMITED.

TRAFALGAR WORKS.

. . .

drawn by a depositor against a depositor, but is simply an acknowledgment of an indebtedness on the part of the bank to the payee of the order. As between the bank and the payee, it is, in legal effect, it holds, the same as a certificate of deposit or a certified check. It does not pass title to money. So, where the cashier of a savings bank gave a depositor a cashier's check for \$3,000 the court holds that it did not amount to an assignment by the bank to him of the amount of the check so as to give him a preference against a receiver appointed for the bank shortly afterwards, and this although his pass book was made to show \$3,000 withdrawn from the bank.

-Incorporation is to be sought for the Standard Lumber Company of Manitoba, with headquarters at Winnipeg, and a capital stock of \$120,000.-A number of Montreal business men are applying for incorporation under the title of the Organ, Elliott Company, to deal in groceries and druggists' supplies. The capital stock is \$15,000.—Messrs. McRae, Harling, Dumaresq, Hodgson and Elliott of Montreal ask for authority to purchase the business carried on by Edward Dumaresq under the name of The Sunlight Gas Company, in order to engage in the manufacture and sale of acetylene gas. Capital stock, \$50,000.—James and George Clarke, publishers, of New York; William Clarke and John Clarke, contractors, and Thomas Meaney, of Toronto, will ask Parliament for an act of incorporation giving them powers throughout Canada and elsewhere enabling them to construct railways, docks, piers, elevators, etc., and to carry on a mercantile, manufacturing and forwarding business.-An extension will be sought of the time for the commencement and completion of the St. Clair and Erie Ship Canal.-Incorporation is sought for the Sovereign Life Assurance Company of Toronto.-The Windsor & Detroit Union Bridge Company wants an extension for five years of the time for commencing and completing its work.-Messrs. Bickerdike and Trihey give notice of application for an act incorporating a company to do a general life insurance business, with head office in Montreal.—Incorporation is also desired for the Royal Standard Fire Insurance Company of Canada, to transact a general fire insurance business within Canada and elsewhere.

—At the recent dairymen's convention at Woodstock, Ont., the following officers were elected: Hon. President, Hon. Thos. Ballantyne, Stratford; Hon. Vice-President, John Prain, Harrison; President, Aaron Wenger, Ayton; 1st Vice-President, James Connolly, Porter Hill; 2nd Vice-President, J N. Paget, Canboro; 23rd Vice-President, Robert Johnston, Bright. Directors—District No. 7, J. W. Steinhoff, Stratford; district No. 8, Harold Eagle, Atter-

cliffe Station; district No. 9, J. H. Scott, Culloden; district, No. 10, Thos. Ballantyne, jr., Stratford; district No. 11, T. B. Millar, London; district No. 12, John Brodie, Mapleton; district No. 13, A. F. MacLaren, Stratford; Secetary-Treasurer, Geo. Hatelly, Brantford; Auditors, J. Nelles, London; J. C. Hegler, Ingersoll. Representatives to the Industrial Exhibition, Toronto, J. N. Paget, A. F. MacLaren, M.P.P, Stratford; Western Fair, London, T. B. Millar, London; J. R. Isaac, London. Among the resolutions passed was one expressing the convention's satisfaction at the liberality of the Toronto Fair management in providing increased accommodation for dairy exhibits. An important resolution was one urging the necessity of improvements being made in Canadian canals and waterways, in order that the Canadian producers may be placed in the best position possible for competition with the producers of other countries for the British and foreign trade. A copy of the resolution will be transmitted to Mr. Blair. The secretary was also authorized to communicate with the Minister of Agriculture at Ottawa, asking him to take such steps as will insure a sufficient supply of refrigerator cars for shipment of cheese during the summer season, and also to provide icing stations at shipping centres.

-Automobilists have gained a point in their efforts to have customs privileges accorded touring chaffeurs in crossing the Canadian border. Mr. George F. Chamberlain, chairman of the Law Committee of the Automobile Club of America, says a New York dispatch, has received a reply from Mr. John M. McDougall, acting collector at Ottawa, declaring the readiness of the Dominion authorities to extend to American touring automobilists the same privileges accorded sportsmen entering the border ports. If requested, his department, he says, will issue orders that touring motor vehicles be regarded as sporting outfits on the same footing as guns, fishing rods, and other paraphernalia of sport. These pay twenty-five per cent. duty, but their temporary importers receive receipts for the duty paid, which is refunded when they recross. The tourist is required to make an affidavit and fill a descriptive blank enabling the article entered to be readily identified. "We consider we have gained an important point," said Mr. Chamberlain, "toward having automobiles accorded the same privileges as bicycles. Hitherto the rules have been much in doubt. There was nothing to prevent the Customs authorities from demanding the full duty without repayment to tourists. When we have induced the United States authorities, who now demand the full forty-five per cent. duty from touring Canadians, without refunding, to reciprocate by issuing the same orders as the Canadian authorities are willing to do, we can

Telegraphic Address: "ELKANAH, HALIFAX."

National Telephone, No. 183.

Makers of all kinds of DYEING and Finishing Machinery.

ELKANAH HOYLE & SONS, LIMITED,

MILLWRIGHTS ENGINEERS, MACHINE MAKERS, AND IRONFOUNDERS.

F. HORATIO CLIFFE. Managing Director.

Waterside Works, HALIFAX, ENG,

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

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

Sole Makers of Reflitt's Patent Continuous Steaming machine.

Makers of Hydraulic and Screw Presses on the most improved principles, with Telescopic and Elsow 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, Codourgs, Lastings, Serges, Paramattas, Baratheas, Henriettas, Lamas, Cashmeres; Repsde-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 wood "Sliver."

Stead and Glednill'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

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, tor Indige, 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 comoined, of all descriptions. lessrs. Ingham and Butterfield's Patent Rigging Messrs.

Machines. Calenders made with Wood, Iron, Copper, Brass, Steel, Cotton

and Paper Bowls. Horizontal Hydro-extractors with Copper Cylinder.

Horizontal Hydro-extractors with Copper Cylinder.
Damping Machines.
Cold Calendering Machines, with Five Rollers.
Improved Lancashire J.ggers.
Makers of the Newest Construction of Machines, for the Dyeing, and Finishing, of Cotton Velvets, Velvets, Plush, etc.; Treadles, Pegging Machines, Jiggers, Tubs, Cubting machines; Waxing, Painting and Brusning Machines, Lustreing, Tentering, Beating Nellies, One Cylinder Brush, and Damping Machines, Dye Vats, etc.

carry the matter a step further and ask for the same privileges as cyclists, who do not even have to make deposits in crossing the border. Of course this duty exaction applies solely to fairly new vehicles. Those which have been in use by the owners for more than a year are regarded as household effects, and are admitted to Canada free."

-The growth of the export of Canadian bacon and ham to the English market is the subject of remark in the Mark Lane Express, which points out the great field for expansion that is still open. We imported last year some 50,000,000 pounds of bacon and 16,000,000 pounds of ham, but our imports altogether was 650,000,000 pounds of bacon and 221,000,000 of ham, so that Canada may be encouraged to push this trade for all it is worth. But if Canadian bacon is to compete here with American and Danish, it must be of the best breed of Yorkshire and other

English pig. Canadian firm, dairy-fed and peas or bar ley-finished pork has already struck the very critical British palate. They will choose a toothsome bacon raised in Ontario or Manitoba in preference to the oily maize and factory-fed American swine. The British consumer wants a lean or streaky bacon and pays for it." The Canadian poultry trade with England is also encouraging. Just before Christmas about 5,000 packages of turkeys were landed at Liverpool, and in London and elsewhere were much appreciated, and realized within a trifle of the best English birds. For the sake of this trade it should be realized by shippers that in order to get good paying prices they should have sales made to customers in advance, instead of consigning to an auctioneer or commission salesman, who forces a sale and, of course, charges profits and expense. In Glasgow it seems there is every prospect of a brisk trade for Canadian pig iron for some time to come. The Glasgow iron people are not afraid

Established 1838.

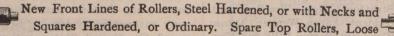
Exchange, Tuesday and Friday, 1-30 to 3, N. Pillar.

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

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.





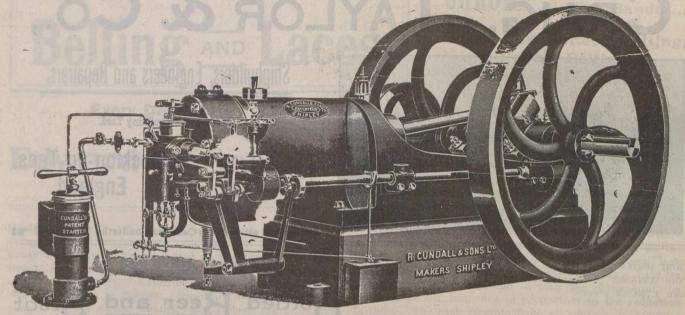
Boss Shells or Spindles Supplied. Centre Shafts-Steel, Case-Hardened or Ordinary. Prices on Application.

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

Contractors to H. M. Government.

Telegrams: "CUNDALL, SHIPLEY."

The "CUNDALL" OIL ENGINES Are the Simplest Engines Running.



Economical, Reliable, Easily Managed and Safe. Makers of the Largest Oil Engines in the World.

R. CUNDALL & SONS, Limited

Best Power for FARM, DAIRY, WOOD CUTTING,

MINING, &c.

SHIPLEY.

ENGLAND.

of the competition, for they can use, with advantage, all they get from Canada, besides what they themselves produce, and it may be remarked that a good deal of it is at present going back to Canada in the shape of large pipes, which, by the way, seems a waste, as far as Canada is concerned. By casting the pipes at home, she would save labour and freight and profits.

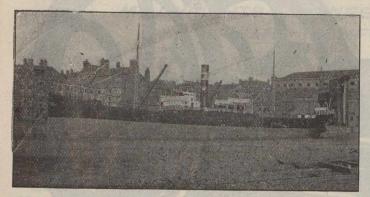
-Following are the tariff duties imposed by the Australian Government on paints, oils and varnishes, and same have already superseded the varying rates levied by the several former independent states which now comprise the Australian federation: 78. Blacking, including dressings, soaps, oils, inks, pastes, polishes, stains and varnishes for leather; Berlin and Brunswick blacks, furniture oil paste and polish, and bronzing and metal liquids, ad vali, 20 per cent. 79. Grease, axle, and thickened or solidified oils; solid or viscous compounds for lubricating, and tallow unrefined, per cwt., 4s.-80. Oils, viz., Cottonseed in bulk or otherwise, per gallon, 2s. cluding castor), in vessels not exceeding one gallon-Quarter pints and smaller sizes, per dozen, 6d; half-pints, and over quarter-pints, per dozen, 1s; pints and over halfpints, per dozen, 2s; quarts and over pints, per dozen, 4s: over a quart, per gallon, 1s 4d. In vessels exceeding one gallon, viz.: Olive, per gallon, 1s 4d; castor, china, colza, linseed, gasoline, mineral spirits oil, n.e.i., and cottonseed when methylated pursuant to department by-laws per gallon 6d; lubricating (mineral), mineral, n.e.i., and kerosene, per gallon, 3d; N.E.I., per gallon, 6d. (Special exemptions are made in favor of fish, including cod (unrefined); seal, whale, penquin, 'petroleum, (crude); degras, sod, naphtha, benzine, mirbane and turpentine. 81. Paints and colors, viz.: Ground, in liquid, partly or wholly prepared for use, 1s per cwt., ad 15 per cent., ad val.; colors dry, dry white lead, and patent dryers and putty, per cwt., 1s. 82. Varnishes, varnish stains, lacquers, enamels, japans, liquid sizes, patent knotting, oil and wood finishes, petrifying liquids, damp wall compositions and lithographic varnish, 1s per gallon and 15 per cent. ad val. (Dyes, dry, not packed for retail sale; lamp, ivory, bone and vegetable blacks; London purple, paris green, sulphate of copper, ultra-marine blue and whiting are specially exempted.)

-In a memorandum recently received from the United States Bureau of Statistics, it is stated that American commerce with China seems to have suffered more during the disturbances of last year than that of other coun-Imports into China from Great Britain in 1900 exceeded those of 1899 by more than 5,000,000 Haikwan taels (average value in 1900, 3s 11/4d), those from Russia increased 1,000,000 Haikwan taels, those from Turkey in Asia, Persia, Egypt, Algiers, etc., a considerable increase, and those from Contiental Europe a slight increase; while from the United States the imports fell from 21,288,745 Haikwan taels in 1899 to 16,724,493 in 1900. This was a reduction in imports from the United States of about 25 per cent, while the United Kingdom showed an increase of more than 25 per cent., the Asiatic countries abovementioned 40 per cent., and Continental Europe a slight increase.-An examination of the details of the import trade with China in 1900 compared with that of preceding years, also justifies the conclusion that American trade suffered more than that of other countries during the year 1900. Cotton goods and kerosene are the largest imports into China from the United tSates, and they come into competition with English, Dutch, and Japanese cotton, and Russian and Sumatran kerosene.-The statistics show that in cotton drills the imports of English goods fell from 78,887 pieces in 1899 to 69,047 in 1900, a reduction of less than 10,000 pieces; the imports of Dutch drills increased from 40,170 pieces in 1899 to 44,624 in 1900:; but those of American drills fell from 1,626,107 pieces in 1899 to 805,892 in 1900-a reduction of more than one-half in American goods; while those from England showed a reduction of less than 15 per cent., and those from the Netherlands an actual gain of more than 10 per In sheetings, those of English manufacture fell from 763,762 pieces in 1899 to 605,199 in 1900, a decrease of

Telegraphic Address:
"CRAIG TAYLOR, STOCKTON."

Oll & 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 underthe New Tariff.

about 160,000 pieces, while those of the United States fell from 3,975,903 pieces to 2,312,494, a reduction of more than 1,500,000 pieces.

A Toronto letter states that the estimates for the year 1102 were laid on the table by Premier Ross on the 20th instant. The total amount to be voted for current expenditure is \$3,553,980; on capital account, \$303,273; o.her purposes, \$146,975; a total of \$4,004,228. government, \$285,040 is required, as against \$281,670 for The chief items in arrears are \$1,325, under last year. the head of inspection of public institutions, and \$1,000 described as miscellaneous. There is a decrease of \$1, 030 in the education department, and \$700 in the Treasury Department. The Attorney-General's Department will be run with \$17,800, as against \$18,000 last year. administration of justice will cost \$448,581, as against \$455,214 last year. A reduction of \$600 is made in the expenses of county judges in grouped counties. Provincial police on the Niagara and Detroit rivers cost \$900 more than last year. For education \$785,699 is asked, as against \$778,922 last year. The appropriations to public libraries and art schools is \$60,900, or \$2,900 more than a year ago. The appropriations for public institutions and maintenances is \$870,217, compared with \$841,108 last year. The asylum for female patients at Cobourg gets \$30,858. Special grants for agricultural purposes are cut \$5,000, the total being voted under the head of agriculture, \$12,-126, and for immigration \$4,825. There is a grant of \$1,-500 for an experimental cold storage station.

ESTABLISHED 1869.

Bottled Beer and Stout

FOR EXPORT.



The "Compass" Brand

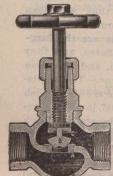
Bass & Co.'s Pale and Light Bitter Ales, and Guinness's Extra Foreign Stout.

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

W. E. JOHNSON & CO., 67-69 Leeds St., LIVERPOOL, Eng.

...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 Upto Date Coupling in the market. Send for full part ticulars of this and other "Shaw" specialities to . -

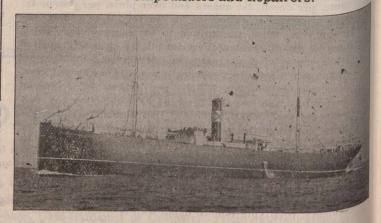
JOSEPH SHAW, ALBERT WORKS. HUDDERSFIELD, ENGLAND.

Telegrame : "GOVERNOR," Huddersfield,

Supplied under the New Canadian Preferential Tariff.

TYNE IRON SHIPBUILDING COMPANY, LIMITED

Steel and Iron Shipbuilders and Repairers.



Willington-Quay-on-Tyne,

ENGLAND.

Fulled Raw Hide Belting AND Laces.

Card Clothing of all Kinds.

CHROME and Oak Tanned Picking Bands....

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

Every Description of LEATHER for Mechanical Purposes.

Edward Fairburn & Sons,

Caldervale Mills, BRIGHOUSE, Eng.

Special Terms to Canadians under the New Canadian Tariff.

pitals and charities there is an appropriation of \$187,755, as against \$192,531 last year. A grant of \$4,000 to the house of refuge, Essex, and \$500 to the house of refuge, Brant, was struck out. Colonization and mining roads are to cost \$146,975. Expenses of elections and election trials are placed at \$86,000. Smallpox outbreaks are expected to cost \$5,000, against \$10,600 last year. Land guides for assisting veterans in locating lands will be rated at \$2,000.

"Every Factory in Canada should
use the best Belting. Our
EXTRA" brand.

The J. C. McLaren Belting Co.

MONTREAL. TORONTO, VANCOUVER.

Manganese

LUMP, FINE and GROUND.

EVERITT & CO.,

40 Chapel Street, Liverpool, England.

-The number of vessels, which arrived at Toronto harbour last year was 3,490 as against 3,469 in 1900, an increase of 21. The tonnage increased 93,809 tons, last year's being 1,203,593, and the previous year's 1,109,784 tons. Owing to a reduction in tolls the revenue of the harbour fell off, but not in proportion to the reduction in tolls. The cash receipts from all sources, including a balance of \$10,466, carried forward from the previous year, were \$21,982. The expenditures were \$15,863, leaving a cash balance of \$6,119. Coal receipts by vessel for the season were:—Anthracite, 155,009 tons; bituminous, 28,-822 tons; in all, 183,831 tons, being an increase of 19,025 tons over last year. The total amount of coal imported into Toronto during the year, according to Government returns, is: -Anthracite, 421,488 tons; bituminous coal, 364,580 tons; total, 786,068, as against 761,610 tons in 1900. The number of packages of fruit imported by water was 402,448 in 1901, as against 519,540 in 1900, a falling off of 117,092 packages. The following is a comparative statement of goods brought in for years 1900 and 1901:-

1900.	1901.
General merchandise, tons 20,294	24,949
Coal, tons	183,831
Wood, cords 1,283	
Lake stone, toise 2,490	2,595
Fruit in packages, blls 5,285	1,795
" crates 4,709	7,122
" baskets 508,729	392,267
" bags 725	821
Fire bricks	46,600
Sheep, hogs and calves 155	day Mujed
Horses, cattle, vehicles	93
Oil in bulk, bbls 25,000	23,783
Ice, tons 2,518	6,777

—Power interest on the Niagara River is reviving. Vice-President Wm. B. Rankine of the Canadian Niagara Power

→ Established * 1825. ⊱

A. G. THOMSON & CO., Limited,

Highland Whisky Distillers,

Blenders and Bottlers to Wholesale Trade only.

GLENCADAM DISTILLERY, Brechin, Forfarshire,

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.

Established 1828.

Cable Address: "DUCHY," Liverpool.



LARD.

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

LARD OIL.

For delicate machinery is the finest known.

BAR MOTTLED SOAP.

IRVEN BROTHERS, LIVERPOOL, ENG.

Under New Canadian Tariff Law.

Company announces that the company has awarded the contract for the construction of the big wheel pit and the intake canal in the Queen Victoria Niagara Falls Park to the firm of Dawson & Reilly, of St. Catharines. This contract, according to a recent dispatch, involves the expenditure of over half a million dollars. The contracts now awarded by the Power Company include a tunnel or tail-race 2,200 feet long, which is being constructed by A. C. Douglas; an immense circular coffer dam in the river, nearly completed, and the present one, with some minor ones, amounting in all to one and three-quarter millions of dollars. The wheel-pit will be 175 feet long, 160 feet deep and 20 feet wide. It will parallel the river, and the intake canal will be some 600 feet wide, bringing the water direct to the penstocks in the wheel-pit. Provision will be made in the first installation of power for three 10,000 horse power turbines and dynamos, and arrangements are making for the proposed power transmission line to Toronto and cities en route, a bank of eleven transformers having been ordered from the Canadian General Electric Company. The company can be ready to supply power for this transmission by Oct. 1 of this year., temporarily securing the current from the Niagara Falls Power Company on the American side until the Canadian works are completed. The construction of the Canadian works will take two years. Mr. Rankine announces that many applications for power on the Canadian frontier are being received, and general interest is manifested in this development.

-The writer of the following inquiry, sent recently for decision to a New York commercial paper, is evidently a newcomer to the "land of the free": Pittsburg, Pa., Jan. 15, 1902.—We put a man on the road for four years, and he has built up quite a trade on our line of goods.

paid him his salary and all his travelling and other expenses while on the road selling for us. He now leaves us and goes to a rival house, taking the trade of four years with him. Have we any remedy or restraint upon him or his employer?-R. CO.-Reply.-If an agent or employee learns any of the secrets of the business as conducted by the house employing him he can be restrained from divulging or using those secrets in the interest of any rival concern after he has left the employ of the former house, or he may be compelled to pay damages if he has already divulged or used the secret. But every capable employee naturally and properly becomes more efficient in his business with the lapse of time, and many of them are able so to impress customers that they prefer to trade with that one salesman rather than with any paricular business concern. These are the salesman's legitimate advantages, and are in no wise part of his employer's property. The employer has the benefit of them as long as he continues the salesman in his employ; but when, for any reason, the salesman desires to go elsewhere, there is no process by which he can be prevented from carrying his personal popularity and his acquired business experience with him, or from using them in his new place as he formerly used them in the old.

Mr. F. W. Thompson, of Winnipeg, general manager of the W. W. Ogilvie Milling Company, announced, while on a recent visit to Montreal, that the farmers of Manitoba and the North-West have already received \$20,000,-000 as a result of last season's grain crop, and that the total amount would in all probability reach at least \$30,-000,000 before the end of the crop year. From the largely increased sales of farm lands, the acreage under crop next season will exceed all previous records by at least 20 per cent. This means that over 3,000,000 acres will



Special Prices to Canadians under the New Tariff. ..

Waverley Iron & Steel Co., COATBRIDGE, SCOTLAND, Manufacturers of

HIGHEST CLASS SCOTCH IRON & FINEST INGOT STEEL

IN BARS, ANGLES, TEES AND HOOPS.

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

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

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

32 ANGEL STREET



be devoted to wheat alone in Manitoba and the Territo-The Americans have been large buyers of the best farm lands in Manitoba during the past few months, and a large majority of these purchasers have expressed their intention of locating permanently in the country, and this is regarded as the strongest evidence that practical men consider that farming in the Canadian West has long since passed beyond the experimental stage. present less than ten per cent. of the fertile lands in Manitoba is under cultivation. From this can be gauged the future possibilities of the grain growing industry in Manitoba and the North-West. It seems certainly destined to be the future granary of the British Empire. Within a short time, electrical power, generated on the Winnipeg river, about sixty miles from the capital, will be transmitted to Winnipeg. It will be a reduction from the cost of the present steam system of about fifty per cent.

—The public accounts for Ontario for the year 1901 will show a favorable condition of the provincial finances. There was a surplus on the year's transactions of \$427,-209, while the assets of the province, including cash in the bank, exceed the liabilities by \$2,571,292. This is in spite of heavy payments in railway subsidies and certificates

during the year. The total receipts last year were \$4,-466,043, as against \$4,192,940 in 1900. The expenditures were \$4,038,834, compared with \$4,003,729 in the previous This surplus of nearly half a million was built up largely by an increase of nearly \$200,000 in the receipts from Crown lands; an increase of about \$20,000 from liquor licenses; about \$12,000 from charters for incorporated companies; about \$8,000 from taxes on corporations, and \$140,000 from succession duties. On a few trifling items there were decreases compared with 1900. slight increase in total expenditure was due largely to extra charges in settlement and colonization, in connection with Crown lands, the building of the Cobourg asylum, education, hospitals and charities. The expenditures in legislation and administration of justice were reduced about \$20,000. The cash surplus in banks to the credit of the Government has increased by \$434,946. On December 31st, 1900, the cash surplus was \$1,033,546; on December 31st, 1901, it was \$1,468,492.

—A London cable announces that the result of the recent visits to America of a prominent English shipbuilder is that James McNaughton, vice-president of the Great Northern Railway of Canada; R. B. Soker, manager of the Manchester Liners, Limited; and Furness & Lewis, re-

EDGAR ALLEN & CO.,

LIMITED.

Imperial Steel Works, SHEFFIELD, ENGLAND.

Manufacturers of

STEEL CASTINGS.

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

Turner's Patent Iron-Fibred Steel.

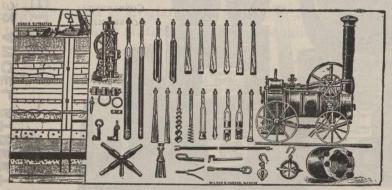
Special Terms to Canadians Under the New Preferential Tariff.

Contractor to H. M. Government.

Tel. Address, "Thom, Patricroft."

JOHN H. THOM,

Canal Works, Patricroft, near Manchester, England.



Boring for Minerals, Oil,
Brine, Etc.

Artesian Wells put down to any depth

Manufacturer of

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

Special Estimates under the New Canadian Preferential Tariff.

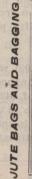
presenting the Furness-Withy Company, signed a contract for a permanent line of steamships between Quebec and Manchester. The service will be at least fortnightly and will begin on April 1. The steamships will all be over 8,000 tons burden. Mr. McNaughton, in explaining the scheme, said: "The object of my company is to develop the grain, packing house products and other carrying trade to Europe by way of Canada. We intend to bill through from Chicago, Milwaukee, Duluth and Quebec to London, Manchester, Liverpool, and Antwerp. Lawrence route, by a combination of four interests, will effect a saving of 802 miles, as compared with the Buffalo route from the western part of the United States. We expect to have all the lines running soon. The one from Quebec to London is already running, and I have signed an agreement for the one from Quebec to Manchester. I am now negotiating for the lines from Quebec to Antwerp, and expect that the matter will be arranged in a few days."

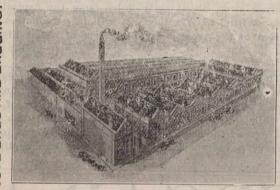
—By instructions of the Hon. Minister of Agriculture another distribution will be made this season of samples of the most productive sorts of grain to Canadian farmers for the improvement of seed. The stock for distribution is of the best and has been secured by the Director of the Experimental Farms from the record-breaking crops recently had in the Canadian North-West. It will be worth while for farmers to renew their seed of oats when varieties which have produced more than 100 bushels per

Established 1861.

.. Bootle Jute Factory Co., Limited ..

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DUNDEE WORKS,

BOOTLE,

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JUTE SACKING & SHESSIAN

[Telegrams, "JETE, Liverpool."

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

JAMES NORTH & SONS.

Chamois and Gloves

Athletic Goods Manufacturers.

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

CASH BAGS.

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Godley Mills, and Tower Street Works,

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ADMIRALTY CONTRACTORS.

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LEEDS ENGINEERING & HYDRAULIC CO.,

Manufacturers of

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

DUBCTRICALLY DRIVEN PLANT.

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

Special prices to Canadians under the new tariff.

A. & R. THWAITES & CO...

Inventors of

Dublin, IRELAND.

(Established 1799,)



LIMITED

Manufacturers to

Her Majesty the Queen

and to

H.R.H. the Prince of Wales.

acre can be had. The distribution this spring will consist of samples of oats, spring wheat, barley, field pease, Indian corn and potatoes. Every farmer may apply, but only one sample can be sent to each applicant, hence, if an individual receives a sample of oats he cannot also receive one of wheat, barley or potatoes. These samples will be mailed free of charge. Applications should be addressed to the Director of Experimental Farms, Ottawa, and may be sent in any time before the 15th of March, after which the lists will be closed. Parties writing should mention the sort or variety they would prefer, and should the available stock of the kind be exhausted, some other good sort will be sent.

—There has been received from the Department of the North-West Territories the latter's estimate of their grain crop in 1901. Owing to the amount of threshing still going on, a final return will not be made until next April. The present estimates are based on careful investigation of several thousand threshings, and show the crop to be the largest in the history of the Territories. They give in detail the figures for the districts of Alberta, Assiniboia, and Saskatchewan. The aggregate to-

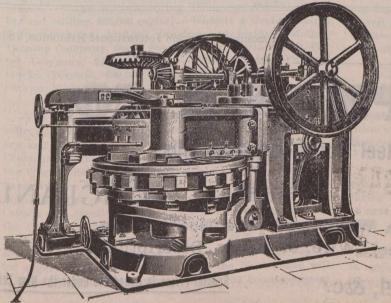
tals and the figures for 1901 are:

	Bushels		Yield
	threshed.	Acreage.	per acre.
1901	12,676,343	508,564	24.92
1900	4,028,294	412,864	9.75
Oats—			
1901	11,113,066	229,439	48.43
1900	4,226,152	175,439	24.08
Barley—			
1901		20,044	36.75
1900	353,216	17,044	20.72

—The Indian population within treaty limits shows an aggregate increase of 517 for the whole of Canada, as compared with one year previous. The following is the Indian population by provinces for the last two years:—

1900	1901.	Inc.
Ontario 20,703	20,763	60
Quebec	10,865	80
Nova Scotia 2,018	2,020	2
New Brunswick 1,639	1,655	16
P. E. Island 308	315	7

Telegraphic Address:
"ALEXSON, LEEDS."



Brick, Tile and General Clay Working Machinery

Herbert Alexander & Co.

LIMITED

Queen's Engineering Works

Water Lane, LEEDS, Eng.



N. W. Territories 17,714 17,		53
	840	86
	927	213
Outside treaty 14,566 14,	566	

There were 2,479 births and 2,240 deaths among the Indians last year, as compared with 2,333 births and 2,557 deaths for the previous twelve months.

-A Philadelphia report on the coal situation states that the anthracite coal trade presents no change. Coal is in demand, but the customary obstacles to delivery continue, the car shortage preventing a good deal of movement that otherwise might have been made for the weather last week was quite favorable. Prices are firm, and the companies have about recovered their position and restored conditions at most of the collieries to the normal state before the recent destructive floods. Some collieries, however, are as yet without complete restoration and remain idle. The Western supplies now go by rail, but this is expensive, and in distant regions will not result in much relief unless dire necessity compels such method. Lake Superior ports and Chicago report rather a better supply than at this time last year. The tidewater demand for Atlantic coast ports is good and freights are firm. The labor situation throughout the anthracite districts continues quite favorable.

—The output of pine logs in Ontario, according to estimates received from the timber inspectors will be 808,000,000 feet, board measure. This is the largest for some years. Last year the quantity was 631,000,000 feet. The

AMBROSE SHARDLOW & CO.

LIMITED.

EALING WORKS,

ATTERCLIFFE,

Sheffield, England.

Patent
Improved
File-Cutting
Machines.

Cut will be inserted as soon as made.

Telegrams, & SHIPMAN, SHEFFIELD."

Honourable Mention International Exhibition, 1862.

J. SHIPMAN & CO.

Attercliffe Steel Works and Wire Mills.

SHEFFIELD,

ENGLAND.

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.

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.

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Laneashire, England.

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the Canadian market, under the New Canadian Tariff, 33½ per cent. in favor of buyers.

chief increases this year are 50,000,000 in each of the Webbwood and Sault Ste. Marie districts. The cut of wages in the lumber woods range from \$25 to \$30 per square timber is estimated at 965,000 cubic feet. The month with board. The cut in the various districts is estimated as follows Pine logs—Parry Sound, 168,000,000 b.m.; Pembroke, 113,000,000; Webbwood, 139,000,000; Sault Ste. Marie, 110,000,000; Sudbury, 100,000,000; Arnprior and Whitney, 66,000,000; Rat Portage, 35,000,000; Peterboro, 46,000,000; Biscotasing, 15,000,000; Port Arthur, 16,000,000. Square timber—Biscotasing, 165,00 cubic feet; Parry Sound, 200,000; Sault Ste. Marie, 100,000; Pembroke, 500,000.

-Notice is given in The Ontario Gazette of the incorporation of the John Abell Engine and Machine Company of Toronto, with an authorized capital of \$1,000,000, with the following provisional directors. Hon. S. C. Wood, Robert Kilgour, Clarkson Jones, H. P. Dwight, Wilmot D. Matthews, William R. Brock, A. W. Holmsted, James Milne, Thomas A. Rowan, Samuel Barker, and Edward Lyman Goold.—The Lake Superior Terminals Company has been incorporated, with head office at Toronto, capital \$1,000,000, with power to build and lease wharves, warehouses, etc., to acquire water power, develop power and build and operate elevators, the following being provisional directors: James S. Lovell, Wm. Bain, Ernest William McNeill, Robert Gowans, and Richard Richardson, all of Toronto.—The following new companies have also been incorporated:-Pontiac Power Company, Ottawa, \$100,000 capital.—Boake Manufacturing Company, Toronto, lumber and milling, \$60,000 capital.—Wickett & Craig, Limited, Toronto, capital \$250,000, tanning and leather.-McQuay Tanning Company, Owen Sound, \$50,000 capital.—Galt Carpet Company, \$40,000 capital.— Robert Elder Carriage Works, Toronto, \$20,000 capital.—Rideau Curling Club of Ottawa, \$10,000 capital.

—The Dominion Statistician has gathered together a collection of papers dealing with trade between this country and the West Indies which will be forwarded to the Commission which is to investigate business openings in the West Indies on behalf of the Canadian Manufacturers' Association. The figures show that in spite of the outlay of a large sum of money to promote trade between Canada and Jamaica, Trinidad, Barbadoes, and the rest of the islands, business has steadily declined. The prospects therefore are not encouraging. If it be true that Britain is to impose countervailing duties against bounty fed sugar the cane sugar industry of the West Indies will jump to the front once more. It was the bounty system

which drove the sugar dealers of Jamaica and other islands almost to ruin.

—Trade in live stock between eastern and western Canada has been growing rapidly within the last few years. Mr. Hodson, Dominion Live Stock Commissioner, reports that during the month of December and the first eight days of January forty-six cars of grade and pure bred cattle were shipped from eastern Canada to British Columbia. These cars contained 2,223 head and cost in the East something over \$30,000. Besides these a considerable number has recently been sent to the North-West Territories, and orders are now in hand for the last mentioned districts.

—A cable from Brussels states that the international sugar conference re-assembled on the 20th instant. There is good authority for saying that the British delegates definitely announced Great Britain's intention to impose a countervailing duty on sugar, unless the bounties are withdrawn. The conference adjourned until the 22nd inst., in order to allow the delegates time to comunicate with their respective governments on this and other new developments which occurred during the recess.

—Mr. J. P. Moylan of Ottawa, for many years inspector of penitentiaries, and formerly editor and proprietor of the Canadian Freeman, Toronto, died on the 18th inst., at the capital, in his 67th year. He had been on the superannuated list for the least seven years.—On the following day died in his 59th year, Capt. W. Horace Lee, son of a well known government official of the same name. The deceased gentleman was superannuated from the Privy Council about 5 years ago.

—A despatch from Calcutta to a London paper, says Indian tea planters are alarmed at the prospect that the new budget will increase the duty on tea entering the United Kingdom. A public meeting is to be held at Calcutta at which resolutions will be submitted urging the Government of India strongly to oppose such a tax.

The French imports for the year 1901 were of the value of 4,714,548,000 francs, against 4,697,802,000 francs during the year 1900. The exports in 1901 were valued at 4,166,165,000, against 4,108,699,000 francs in the previous year.

George H. Phillips, the young Chicago grain plunger, is again on the "short" side. This time rye seemed to have been too strong for him.

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THE CANADIAN

Journal of Commerce.

MONTREAL, FRIDAY, JANUARY 24TH, 1902.

YUKON TERRITORY.

People who should know are not quite in accord concerning the richness of the gold-fields of the Yukon. Some contend that the ground has been little more than scratched, while others believe the best—the most productive-portions have been worked, and that future operations must be conducted at great expense, that the yield in some places will be scarcely worth the labour. Among the latter are such pioneers as Mr. N. E. Picotte—this city—son of the well-known merchant of that name at St. Remi-who is erecting a palatial residence on Edgehill Avenue, where he purposes enjoying

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the treasures acquired in the new hyperborean gold re-Mr. Picotte says anyone who would henceforth find gold in paying quantities in the older fields must dig hard for it. It is probable, however, that the reality

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T. L. MORRISEY, Manager

lies somewhere between his statements and those by a gentleman now resident with a portion of his family in Dawson City, whose letter dated on Christmas Day last, is now before us. The writer is an Imperial pensioner, having recently retired from a life of activity in London, England, extending over the last forty years. He is yet what would be called in England a young man, as is evident from his enjoyment of the climate. We reproduce the greater portion of his letter:—

Dawson, Y.T., Xmas Day, 1901.

My Dear Mr. Foley— I have to acknowledge the receipt of yours of the 25th ult., which came
to hand three days ago, that shows the irregularity and
uncertainty of our mail in this Arctic region. Only three
mails arrived since the 14th October last, which is pretty
slow—is it not?

We had the misfortune of being burnt out of house and home here on the 1st November last. The Hotel McDonald caught fire through the carelessness of the day-porter in lighting a stove and leaving it leaning against the wall; - one of the legs being defective it leaned on one side, and the active porter was too indifferent to adjust it properly, with the result that we were burnt out. The damage is about \$25,000, and the place cannot be rebuilt before spring. Mr. and Mrs. Mc--- are outside in New York, they left here in September, and I stayed in to look after affairs, and, you can guess my feeling when immediately they turned their backs, up goes the hotel in a blaze. We are living in the priest's house, which he kindly placed at our disposal immediately after the fire. We managed to save sufficient of the furniture to furnish the priest's house, and altogether we are very comfortable. weather is remarkably mild. For a week now the temperature has not been lower than zero; at this time last year is was 50 degrees below zero.

Now about Klondike: Well, of course, my limited knowledge of mining bars me posing as an authority upon the future prospects of the Klondike. I have a pecuniary interest in the country, and that of, course, leads me to take a little more trouble to inquire about things in general. My opinion, as well as that of many others I know, is that Klondike is not scratched yet, and that it is going to last. The enclosed cuttings from one of our local papers convey my ideas exactly, although I had no more to do with conception of the paragraphs than your office boy. I know the writer of the prize essay, Constance McDonald, and her father, who is a man of importance and reliability here. Be that as it may, you can glean more information from the cuttings than I can give from any personal knowledge

The greatest grievance here is the exorbitant charges of the White Pass Railway. To give an illustration: I had some goods consigned to a relative from Glasgow to Dawson. The consignment cost at Vancouver, including freight and everything, \$2,292, and the freight alone from Vancouver to Dawson cost \$1,433. This shows the enormity of the charges. But we are told that the schedule of rates is to be greatly reduced next summer, I hope so.

I am yours sincerely,

THE FUTURE OF DAWSON.

Recently an offer of twenty-five dollars was made by a Dawson paper for the best essay written by a pupil in the public schools. The title which heads this article was assigned as the subject, and the successful essay is published herewith: To speak of the future it is necessary to have a retrospect of the past. Dawson has had a remarkable one. From a town of tents and cabins in '97 and '98, it has developed now into a well planned city of business buildings and modern residences. The government, then crude and unorganized, now with modern methods, systematized and partially representative. Business has progressed in every line; investments of a stable character are being made. In early days the frozen ground of the mines was thawed out by fires, and the pay dirt and gravel was hoisted to the surface by hand. Now the ground is thawed out by steam, and mining machinery of all kinds is used with the result that the work is more rapidly and economically done, and more ground is covered in less time. A railroad has been built between White horse and Skagway—the most difficult entrance to the country. A fleet of well equipped boats ply between Whitehorse and Dawson and in winter a good, comfortable line of stages. But should a railroad be built between Whitehorse and Dawson it would make winter transportation a simple matter and make our markets steadier.

To show their faith in the country the government has lately built beautiful and substantial buildings, which we hope will not be "monument's to man's folly," but tokens of his good faith. The Presbyterians have built a large and commodious church—a great improvement on the log structure of pioneer days. Many enterprising merchants have erected both brick and frame stores and warehouses, and where one leads others will follow. Coal has been discovered and is being worked in small quantities. This will soon lessen the consumption of wood, which is not of the best quality and expensive. The placer gold fields each year expand, new creeks are being prospected, new discoveries are being made. Old creeks and old discoveries are still yielding profit. But litttle ground has yet been worked out, and there is an area almost boundless to cover. One need not to be an optimist to say that Dawson will be the premier placer mining camp of the world for half

a century. Diligent efforts are being made to discover quartz in paying quantities and even the pessimist will say: Find that quartz and Dawson will be doubly the golden city of the north. The country looks well for quartz, and some day soon it will come. Then Dawson will be a city of tens of thousands. The population, in place of a transient one has become more permanent though few of those who dwell here expect to make it more than a temporary home. An electric plant to take the place of the candle is one of the chief improvements. A water system that, considering the climate is a good one for most people only in summer, is in use. An iron foundry, saw mills and other industries are in operation.

The matter of incorporation is at this period of great importance to Dawson. The question is: Shall Dawson be governned by "An Elective Council" or an "Appointed Commission?" A great advance step is telegraphic communication with the outside, as also are telephones, fire protection and administration of justice. This has all been brought about by the golden wealth of the country, and on its continuance does the "Future of Dawson" depend. Agriculture, it is true, may be carried on to a limited extent; some fishing and some hunting. But let the gold decline or cease and Dawson will rapidly fall away. If continued placer discoveries are made and quartz found, then the successful future is assured.

The following is from a recent issue of the Dawson Nugget: "Regarding the outlook for quartz mining in this country this paper is on record a hundred times as being committed to the conviction that an era of quartz development will shortly open which will eclipse the marvellous record which the camp has already made when viewed from a placer standpoint. We fail to understand, however, in what manner the interests of the community-and it is the entire community which the Nugget endeavours at all times to serve—can be advanced by the circulation of reports which upon investigation are found to be without substantial foundation. It is within the memory of almost everyone in Dawson that the interests of the territory suffered incalculable damage during its earlier days by reason of the exaggerated reports which were given such widespread circulation in the press of Canada and the United States. Hundreds of people are still mourning the loss of money they invested in speculative mining ventures during the boom of 1897-'98, and the suspicions aroused in the minds of capitalists at that time have not been entirely quieted even yet.

THE WESTERN WHEAT CROP.

The retiring president of the Winnipeg Grain Exchange stated, in the course of his remarks, that the wheat crop of the North-West would this year reach 65,000,000 bushels. The Manitoban Government estimate of the crop of that province is 50,502,035 bushels, and to this we can fairly add 15,000,000 bushels for the Territories. Besides this the wheat area of the North-West is steadily expanding and it now looks as if the area capable of growing spring wheat stops not far short of the Arctic circle. Besides this, these far northern and western regions can grow spring wheat of so much better quality and so much cheaper that the old States that once grew it have gone into corn, cattle and hog-raising and have abandoned the spring wheat industry to the

prairie farmers of the North. In fact, just as the palm of spring wheat passed from Iowa to Southern Minnesota and travelled north through the Dakotas into Manitoba, so is it now travelling north again from the Territories into the Peace River district. One thing seems certain. The far northwestern sections of Canada are destined to be the future granaries of the Empire.

Wheat is not the only cereal that is pushing its way For the first time in years the settlers of the North-West have been able to export oats and barley at prices that may be considered fairly remunerative. For this year these crops have commanded more money at the farmer's door than the average price paid on the Chicago market during the past four years. Flax, too, is becoming an important crop. The yield in the Territories this year amounted to 266,430 bushels, and there is no doubt that the production of flax is destined to be larger in the future than in the past as the farmers who are now crossing the border from Minnesota and the Dakotas go in very largely for flax, which they consider their money-making crop, while in the past years the cultivation of this plant was left exclusively to the Men-In fact, so important has the flax crop become that agitation has been begun to remove flax from the free list and place upon it a protective tariff as in the United States. Our oil-cloth makers would gladly use Canadian linseed oil if they could procure it in adequate quantities, and its manufacture would soon be increased were some addition made to the modest tariff of 25 per cent. now levied upon imported oil.

As to the transportation problem, the North-West has now nearly 4,500 miles of track to carry its crops to market. This is made up of 3,200 miles of C.P.R. track between Calgary and Fort William, and 1,270 miles belonging to the Canadian Northern system, and it is anticipated that the absorption of the Northern Pacific lines into the Canadian Northern and the extension of the latter to Port Arthur will mean a freight saving of 2 cents per 100 pounds to the farmer. It is true that the North-West has suffered from a car famine during the past few months. But this is simply because the produce has been so large that even in a year when the railway mileage is greater than ever before, when the record of the crop movement exceeds so largely the greatest of the past, the carrying powers of our great railway systems are still inadequate to prevent a block-And this blockade will probably extend into the coming years since an increased acreage in Manitoba is a certainty while Western grain buyers predict the doubling of the acreage of the Territories.

THE REVIVAL IN BRITAIN.

The renewed activity in British financial markets is certain to have a beneficial effect upon our own. The recovery in investment and speculative confidence in the world's monetary centre must certainly help us, as one of the principal factors in keeping down the price of our leading active stocks during the past year has been financial depression in Europe generally and in England paritcularly.

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This revival in the English stock market is interesting from the causes which have inspired it, the chief of which is undoutebdly the resumption of mining at Johannesburg, and the discovery by the English mounted columns of auriferous ledges of a similar character to those of the Rand, in other as yet unprospected portions

of the Transvaal. We must remember that there was practically no gold mined in the Transvaal from October, 1899, to the middle of 1900, for two reasons; first, the impossibility of securing native labour owing to the dispersion of the Kaffirs by the war, and second, unwillingness to risk the gold on the long train journey from Johannesburg to the sea. From May to December the Transvaal only sent some \$600,000 worth of gold per month to the sea, while two months before the war the precious metal was coming forward at the rate of more than eight million dollars monthly. In fact, it was not until Lord Kitchener's system of blockhouses had formed a perfect cordon round the mining district, as well as secured the railway from the attacks of guerilla bands, that the Witwatersrand could afford to go on working.

This was shown by the steady increase in the output of the mines. In November it rose to 39,075 fine ounces against 24,500 for the previous month. In December it was 52,397 ounces. And by February it is believed at least 100,000 ounces will be coming forward. Hence the prompt revival in prices. How striking this has been is well shown in the following comparison of prices in a few of the leading shares with their price at the close of 1900, their lowest point during the war, and their highest point previous to it:

Close, '01.	Close, 1900.	Low. Hig	gh, '97-'99.
hand Mines 44	383/4	273/4	45
Solidate Coldada 95-16	7 3-16	5 3-16	9 9-16
Son Deen 50-16	4	33/4	7
Jagersfontoin 997/	161/2	111/2	147/8
ampers #1/	41/2	31/2	6 15-16
Randfontein 31/4	27/8	21/4	3 11-16

These are only some of a good many signs that the British market has emerged from the worst of its period of discouragement. The war is, of course, not yet over, although it is palpably drawing to a finish. war expenditure continues. A new British loan will shortly be issued either in the form of consols or of a Transvaal loan with an imperial guarantee. many other lines than Kaffir gold mines the British market shows signs of improvement. The \$3,500,000 increase in the volume of export trade in December was the first increase of the year. Nearly all the important English railways show substantial gains in earnings over a year ago. Trade generally is picking up and while there is no basis for a boom there is substantial ground for encouragement.

A SCIENTIFIC EXPERT ON WIRELESS TELEGRAPHY.

Were some of the most famous of historic scientific authorities, as, Aristotle, Euclid, Archimedes, "to revisit the glimpses of the moon,"—for which, happily for them there is no chance—they would be overwhelmed with wonder at the triumphs of modern science. Even Newton himself, whose optical discoveries contained the germ of several of the marvels of this age, would be amazed at the electrical phenomena with which we are familiar: the telephone, telegraph, electric cars, lights, dynamos, and wireless telegraphy.

A lecture on the latter phase of electrical science was delivered on Monday night at McGill College by Professor Rutherford, whose demonstrations and explanations were greeted with tumultuous applause by an audience comprising the professional staff, a number of amateur scientists, and students of applied science, who

literally packed the lecture room to overflowing. Professor Rutherford, as a graduate of Cambridge, England, and of a German University, has been in a position to observe experiments made by the most distingiushed scientists of the age, who had a knowledge of wireless telegraphy and practised it before Marconi was known.

The lecturer had instruments on his table and apparatus in a distant room between which wireless messages were exchanged, those received in the lecture room being in the form of signals that were audible and visible, though the source of the generating power was in a remote room that was separated from the lecture room by a door. It was explained that whenever electricity was formed it threw off waves almost identical with waves of light between which and waves of electricity there are most remarkable analogies. Now, a wave of electricity when discharged may be caught, as it were, by a receiver, and its potential energy manifested there-The comparison is not scientic but near enough to convey an idea of what wireless telegraphy is. Suppose a sound is emitted opposite to a wall of a certain form, the sound will be repeated. So in wireless telegraphy, a wave of electrical energy is set in motion and it is, as it were, echoed, or repeated on an instrument called a "Receiver." Or, take another comparison. Musicians and students of acoustics know that if two tuning forks of exactly the same pitch are placed near each other and one of them is struck, the other one sends out the same note though it was not touched. So with the strings of a piano, when it is strictly in tune—a very rare event -when one note is struck there are sympathetic vibrations set up in other strings. Now wireless telegraphy is akin to these acoustic phenomena, it depends upon the principle that electric waves are capable of exciting similar, or corresponding movements in apparatus prepared for the purpose, which are little more than discs or sheets of metal in contact with an electrical generator.

These waves of electricity pass freely through the thickest walls of brick or masonry or wood-work. The blackest fogs do not obstruct them, and their energy may be increased to almost any extent, so that they will reach a great distance before their power is dissipated, and their character may be so controlled as to convey messages, as is done by wires.

All this is beyond dispute, but, whether wireless telegraphy will come into general use is yet a problem. There is at present no method of making messages secret, or confining them to one receiving instrument or A wireless message once sent out may be received by several stations, and none of them the one No certainty can be said to exist that messages will ever be received by the person to whom they These difficulties unless overcome will are addressed. be fatally obstructive to the use of wireless messages for commercial purposes. One who has a message to send his English correspondent must know that it will be sent direct, without fail, and without being read by others. He may be a scientfiic enthusiast but will object to a personal, private message wandering about the sky, like a lost spirit, waiting for a guide to take it home. If Mr. Marconi can put something into messages that will guide them to their destination and keep their contents secret while on their way, he will revolutionize telegraphy, he will cause cables to become use-But, there is much to be done, much discovered, before wireless telegraph is a commercial success, or anything beyond a marvel of science.

Professor Rutherford's lecture and demonstrations were enthusiastically applauded by his fellow professors at McGill, and the students gave him plaudits peculiar to their class.

THE RAILROAD QUESTION.

The speech made by Mr. J. J. Hill, who is now engaged in completing the great northern railway merger. to the grain and cattle growers of the two Dakotas, will tend to allay public apprehension to a considerable extent. Naturally, when the news of the virtual consolidation of the two great northern routes from the Lake region to the Pacific Coast was announced, shippers became fearful that the abolition of competition would be detrimental to their interests, and in several States sufficient pressure was put upon the Executive to cause injunctions to issue against the merger. President Hill entered upon a campaign of education, pointing out that although the community could not afford to rely upon the intelligent selfishness of railroad managers alone, yet the companies are subject to supervision and control by the public for the purpose of insuring their performance of their obligations to prevent their infringing on public rights. This is, to a certain extent, correct. But there is more comfort to be drawn from the fact that there is a certain community of interest between the producer of tonnage and the carrier. Railroad men in the past have not always appreciated this fact. Some railroads have been run for the maximum of profits regardless of the future. been run in the interests of stock speculation. both classes are more and more passing into the hands of great masters of finance and transportation who recognise that the permanent prosperity of their lines is bound up in that of the regions they traverse. these consolidations are not always detrimental to business interests. The essential points to the public are the facilities the railroads offer and the rates they charge, and not who owns them. Separate ownership does not always involve low rates; nor does consolidation mean higher ones. For years there has been a steady reduction in rates while the principle of a common ownership is daily more recognised.

With reference to the grain blockade and shortage of cars, Mr. Hill pointed out that in eleven years the tonnage of the American roads had increased 120 per cent., while the mileage had grown only 18 per cent., and the earnings less than 40 per cent. In his opinion the business of this continent has outgrown the transportation facilities of most of the trunk lines, and new facilities are needed to relieve the situation. The railroads have not grown as fast as the country in many sections; and hence friction and delay have resulted. interests are undoutedly identical with those of the business community, and, if the traffic managers do not always recognise this fact, the great financiers who stand behind the roads do. And thus as one device after another for enforcing competition fails it is reassuring to find that it is daily less necessary to appeal to the Government for the protection of the community against injudicious railroad management.

—The report that the British Government will impose a duty on timber in the new budget is discredited in the timber trade there. The Government has made no enquiry of the trade on this subject.

THE TREND TOWARDS PROTECTION.

The significant utterances of Sir Michael Hicks-Beach,, a staunch defender of the policy of free-trade, shows that the exigencies of the Exchequer are wearing down the forces antagonizing the doctrine of a moderate measure of protection for British trade, just as Lord Kitchener is slowly grinding down the Boer commandoes. And that this change of policy upon the part of Britain will involve the imposition of a duty upon foreign foodstuffs which will not be exacted from the Colonies seems to be generally agreed.

There are many influences working to this end. In the first place there is a strong desire upon the part of Britain to show her appreciation of the loyalty of the Colonies to the Mother Land. And in no way could this be done better than by a preferential tariff in their fa-In the second place some new sources of revenue are absolutely necessary. Even with the new sugar duty, the export duty on coal, the increased income tax, and the heavy war loans, the Chancellor of the Exchequer finds it difficult to make both ends meet. there is no other available source open at the moment save the Customs. The war requires to be financed, so that the weight of taxation will not be so galling that it can be made the basis of a propaganda upon the part of the Government's political opponents. Any further addition to the income tax, any increase of the coal export duty, might meet with serious opposition. And a new war loan would rouse clamour. So, beside the pressure on present sources of revenue, Sir Michael Hicks-Beach has political exigencies to consider in devising new expedients to increase the revenue.

Another point that may influence him is the growing desire upon the part of the British manufacturer for some measure of protection against Continental competition. Of late he has not been troubled much by American aggressiveness, as the domestic demand in the United States has been so brisk that the export trade has been neglected. But the constant stream of German goods into the British market is effecting a strong change in business opinion. The need of some line of defence against the flood of cheap goods from the depressed markets of the Continent is becoming so apparent that the opinions of many advocates of free-trade are veering round in favour of a tariff; more especially as the very nations which are slaughtering their goods in British markets are endeavouring to raise their own tariff walls against British trade still higher. Hence the trend of public opinion is changing towards protection. And since any tariff measure would certainly contain some form of preference towards the colonies it might prove just as beneficial to Canadian trade and agriculture as to those of Britain.

THE WAVE OF PROSPERITY .

It must have become apparent to many business men that the wave of prosperity now at its synclinal has not been an unlimited blessing to all classes of the community. To the men of fixed income, to the salaried workers, and in its later developments even to the mechanic and the labourer, the prosperity wave has, paradoxically enough, meant hard times. Its progress has been marked, as all such movements always are marked, by a steady fall in the value of money or, what is saying the same thing, by a steady rise in the value of things which money buys.

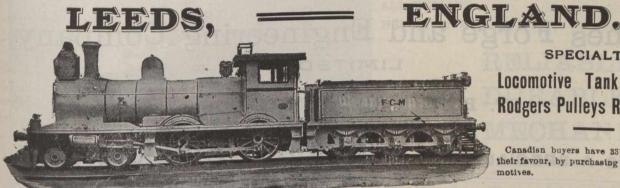
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There is not a head of a family in this city that has not realized that such has been the advance in the price of all household commodities that his living expenses are much greater than formerly. In fact, the official record shows that they are higher at this hour than at any other time in the last decade. The weight of all this falls heaviest on the man whose income does not increase with the increased price he must pay for his necessaries. And the net result is his comparative poverty when others are prosperous. Naturally this diminishes his power of consumption. Next, the artisan and labourer whose wages have risen somewhat during the period of prosperity, find that the rise does not compensate them for their increased expenditure, and they start to curtail their output also. The great profits of speculation and promotion cease, and the rich and wellto-do curtail their purchases of luxuries. If a crop failure is added, or good harvests abroad lower the prices of agricultural products here, the result is accelerated. Consumption gradual-But it must come in any case. ly lessens throughout the community until by the natural wave of reaction it falls to a point as unduly low as previously rose to a point extravagantly high. eral caution overspreads the business community. Capital grows timid and credit is cut down, just as sharply and unwisely as it was extended in the "boom' days. Money rises in value as prices decline, and then, in the general depression, the man with a fixed income finds that he is as comparatively rich as, when conditions were He can afford reversed, he was comparatively poor. to expand a little then, and thus the balance of consumption and production rises and falls. Like the pendulum of Time it swings slowly but ceaselessly and surely. The lean years succeed the fat ones, and thus cycles of contraction and expansion follow each other with unswerving regularity.

RAILWAY CONSTRUCTION.

It is becoming obvious from the railway statistics that railway construction has nearly reached its limit under present conditions in the older and more advanced portions of Europe, a fact which accounts largely

for the depression in the iron and steel trade in Ger-During the past, two years the total increase in mileage is less than 800 miles, and the bulk of this increase has been laid in Russia. In fact it is in the Czar's dominions that the chief movement in railway construction has taken place and the railways under the direction of the Government in that country now amount to 31,815 miles; or more than the entire mileage of France. Yet there is plenty of room for more railways in Russia when social wealth promises profitable results from the outlay.

It is evident that it is to the undeveloped, or partially developed, countries of the world that the attention of railway promoters must be directed in the future. And several ambitious projects for developing the resources and linking together the limits of uncivilized countries are now under weigh. Work on the great Rhodes line from Cape Town to Cairo is progressing quietly, and German capital is now being interested in the line through Asia Minor to Bagdad which threatens to counteract Russian influence both in Constantinople and in Persia. More will undoubtedly be heard of these plans as the surveys are completed, and the struggle of the nations for the control of competitive markets, and for outlets for their surplus investment funds, becomes more keen. China, too, offers an almost limitless field for the railway, and, in spite of the conservatism of the people and the speculative character of many of the enterprises, it looks as if the steel rail were destined to be a familiar sight in China before another The Dowager Empress—that masterful generation. old woman—has recently shown that the events of the past year have impressed upon her the power of Europe. And if she relaxes her opposition the whistle of the locomotive will soon be an ordinary sound in China, where the people are by no means as unprogressive as they are depicted to be. The Chinese in this country adapt themselves readily to European facilities and conditions. And there is no reason why they should not do so in their own.

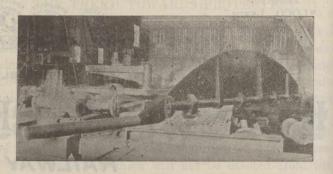
The construction of these Asiatic and African railways offer one of the most important outlets for the steel industry under existing conditions. It is not surprising, therefore, that the Governments of Russia and

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Germany seek to bring political pressure to bear in aid of financial enterprise in order to secure control of these new projects. They are useful at once for winning future trade, selling railway equipment, and furnishing profitable investment for capital. struggle for commerce renders control of these railways particularly valuable, and it is not unlikely in the future that international quarrels will arise principally over the possession of the lines of commercial communication.

THE TEACHING OF CIVIC DUTY.

(Continued from last week)

From these dreams of the future, 1 return to say a concluding word on the main theme of this addressthe political aspects of the teacher's function. teacher has charge of the future citizen at the time when he is most impressionable; the only time, it may happen, in his life when he is free enough from the pressing cares of daily employment, to have leisure for thought about the functions to which the Constitution calls him, or to conceive a wish to understand the true bearing of these functions. On many, probably on most pupils; the teacher's efforts will make no great impression. But those most susceptible to the influence which stimulating teaching may exert, will be those likely in future to stir and guide their fellows, and on their guidance the beliefs and tendencies of their class will mainly depend. The dictum, Properties has its duties as well as its rights, once received with surprise and even disgust, has become a commonplace. We now need to realize in the fulness of its application that other maxim, which Mazzini was never tired of enforcing, that Liberty also has its duties as well as its rights, and will begin to be in danger if it forgets them. The tie of duty to the State, though it cannot be as close as that which binds us to family and friends, ought to be just as clearly recognised to be a tie of absolute force.

It is common to talk of ignorance as the chief peril That it is a peril no one denies, and of democracies. we are all, it is hoped, agreed that it has become more

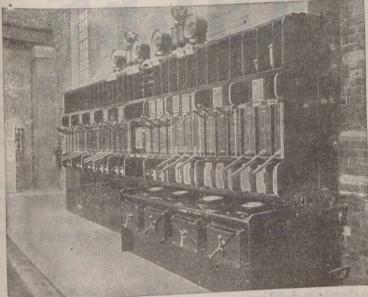
than ever the duty of the State to insist not only on a more penetrative and stimulative instruction, but upon the inclusion of the elements of constitutional knowledge among the subjects to be taught in the higher standards of our schools. But in an age in which the newspaper has so much influence as an educator, postal and other facilities for the freer interchange of periodicals should be secondary only to a differential duty.

Democracy has, however, another foe not less perni-This is indolence. Indifference to public affairs shows itself not merely in a neglect to study them and fit one's self to give a judicious vote, but in the apathy which does not care to give a vote when the time It is a serious evil already in some countries, serious in London, very serious in Italy, serious enough in the United States, not indeed at Presidential, but at city and other local elections, for some reformer to have proposed to punish with a fine the citizen who neglects to vote, as in some old Greek city the law proclaimed penalties against the citizen who, in a sedition stood aloof, taking neither one side nor the other. happily, it is the respectable, well-meaning, easy-going citizen, as well as the merely ignorant citizen, who is apt to be listless. Those who have their private ends to serve, their axes to grind and logs to roll, are not indolent. Private interest spurs them on; and if the socalled "good citizen," who has no desire or aim except that good government which benets him no more than every one else, does not bestir himself, the public funds may become the plunder, and the public interests the sport of unscrupulous adventurers. Of such evils which have befallen some great communities, there are happily no present signs among ourselves; though it is much to be wished that here in Britain we could secure both at municipal and Parliamentary elections a much heavier vote than is usually cast. More common in all classes is that other kind of indolence which bestows so little time and thought upon current events and political questions, that it does not try to master their real significance, to extend its knowledge, and to base its opinion upon solid grounds. We need, all of us, in all classes and ranks of society, the rich and educated perhaps even more than the others, because they are looked up to for guidance by their poorer or less educated neighbours, to be reminded that as Democracy-into which we have

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plunged so suddenly that some hardly yet realise what Democracy means—is, of all forms of government, that which needs the largest measure of intelligence and public spirit, so of all democracies ours has been that which is content to surround itself with the fewest checks and safeguards. The venerable Throne remains, and serves to conceal the greatness of the transformation that these twenty-five years have worked. But which among the institutions of the country could withstand any general demand proceeding from the masses of the people, or even delay the accomplishment of any purpose on which they were ardently set, seeing that they possess in the Fopular House a weapon whose vote, given however hastily, can effect the most revolutionary change? do not say this to alarm any timid mind, believing that our British masses are not set upon such changes, and are still disposed to listen to the voices of those whom they respect, to whatever class such persons may belong. The mutual goodwill of classes is still among the most hopeful features in the political condition. But it is well to remember that it is upon the wisdom, good sense, and self-restraint of the masses of the people that this vast and splendid edifice of British power and prosperity rests, and to feel that everything we can do to bring political knowledge and judgment within their reach is now more than ever called for.

The town of Levis, Que., has given the contract for sewers and waterworks to Messrs. Ross, Power & Co. The contract will amount to about \$400,000 and will be completed in two years.

SUGAR PRODUCTION.

Considerable interest is being awakened throughout the several sugar-producing countries from a recent Brussels cable announcing that Great Britain would impose a countervailing duty on sugars providing the bounties were not repealed. At this interesting period of sugar production from various new sources, the possibility of revolutions in the art of producing beet sugar both in the U.S. and Canada, the gradually lessening cost of refining, the opening up of the principal cane producing centres and the ever decreasing cost of transportation, it certainly looks as though this great staple will shortly be brought down to a price at which the poorest labourer cannot rebel.

But as there is a limit to profitable production in all commodities it does not seem possible that millions of capital can be held in this article, however staple, with the price gradually dropping to a mark at which double the quantity must be produced to show its value. It is to be hoped for the sake of the large amount of capital now being placed in beet sugar production in Canada that no changes may occur to reduce still more the cost of refined sugar here, until those immediately interested have at least got well under way and have found the economical and more profitable mode of manufacture, the natural outcome of experience.

Sugar interests in New York are greatly interested in the news from the Brussels conference that the British delegates had definitely announced Great Britain's intention to impose a countervailing duty on bounty-paid sugars unless the bounties were withdrawn. As Great

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Britain is, perhaps, the chief market for the bounty-paid sugars, her decision is regarded as tantamount to the formal removal of the bounties. Sugar interests are therefore endeavouring to figure out how far the new conditions will be reflected in the United States which, in turn, will affect the Canadian market.

In this a most perplexing situation is brought out. It is feared by refiners that the first result—especially if the bounties be suddenly removed-will be a rush of foreign sugars into the United States. Even with the addition of the countervailing duty offsetting the bounty, foreign refined sugars have recently been making steady progress in the American markets, and if the countervailing duty be suddenly removed it will, it is argued, allow the entrance of sugars whose manufacture had been prepared for under a belief that the bounty would be paid. This, it is argued, will result in a surplus of foreign refined sugars, especially as the markets of Great Britain can hardly be looked upon to immediately adjust themselves to the higher priced conditions. A leading U.S. refiner argues that the consumer in England would in the event of the removal of the bounty or the imposition of a duty equivalent to the bounty, have to pay more for his refined sugar, as he is largely supplied by bounty countries. He also argued that the production in Europe would be lessened on account of the bounties being taken off and that the English markets might become users of cane sugars and thus in turn influence somewhat higher prices for refined sugars in America by their competition for the raw sugar. Exports of the various British colonies during 1901 were: Barbadoes, 60.000 tons; Jamaica, 20.000; Trinidad, 50,000; Antigua, 25,000; British India, 15,000;

Queensland, 117,000; New South Wales, 19,000; Fiji Islands, 23,000.

It is stated by some U.S. refiners that with a reduction in the duty on Cuban sugar, even 50 per cent., they can beat the world. With proper trade relations Cuba, with the increase in beet sugar that would occur in the U.S. could supply all the sugar necessary. It has been demonstrated before the Congressional Committee that in Utah they can make beet sugar at a profit at 2 3-4 cents, as can also be done at the factories in California and at some factories favourably located in Michigan. The following letter to a U.S. refiner from a prominent Cuban grower throws light on the subject as viewed from that quarter: "We hope very soon to have a reduction in duties and people here are therefore holding back A tenant at present prices cannot make He pays 40 cents for cutting and \$1 for hauling, or a total of \$1.40, leaving but \$1 out of a total of \$2.40 received per 25,000 pounds for planting, and cultivating the first year. This costs him \$2, and besides that he has to figure something for rent for the land's use."

A representative of prominent beet and cane sugar interests said in speaking of the operation of bounties: "The tariff law provides that in addition to the duty imposed on sugar an additional duty shall be imposed corresponding to the amount of bounty paid by foreign governments to their sugar producers. All European governments pay bounties to their sugar producers, and Russia is conspicuous in paying twice as much bounty as any other country. She does it by maintaining the price on sugar, under her laws specifically providing for it, and one intention as expressed by her Finance Minister

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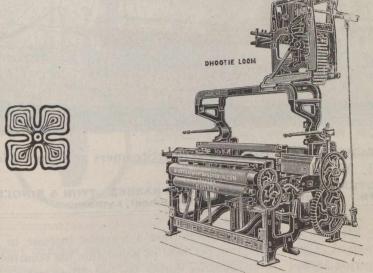
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is to facilitate the export of the excess above consump-

Opinions differ somewhat as to the effect the abolition or neutralization of the bounties would have upon the Price of sugar, but the immediate effect of imposing a duty upon sugar sent to Great Britain could, it is contended, hardly be other than to depress the price and lead the producers to make unusual efforts to find other markets for their surplus. The bounty system is one that cannot be maintained permanently, nor abandoned suddenly without a shock to the industry. The U.S. and England have for a long time been the only great markets for bounty-paid sugar. The former have the countervailing duty, and with their insular acquisitions are becoming more independent of foreign production. If England defeats the bounty in the interest of her West Indian Islands beet sugar production will, it is thought, have to be curtailed or the price reduced.

THE POPULAR THIRST.

The Fortnightly Review for January (Leonard Scott Publication Co., N.Y.), contains an interesting paper on the consumption of alcoholic drink in England, the United States, France, and Germany, from the pen of Mr. J. H. Schooling. The consumption in the above countries, per ten of population, was in the year 1900 as

		W mor	ten of Po	pulation.
	Consum	ption per	Wine.	Total.
A STATE OF LABOR OF THE STATE O	Beer.	Spirits	Gall.	Gall.
Country	- Gall.	Gall.	254	336
rance	. 62	20	4	332
United Kingdom	317	11	15	309
Germany	275	19	3	147
United States	122	11	H	

Some years agone, the late P. G. Hamerton in his book French and English mentioned the increase of drinking in France, and it is seen French drink-consumption per head is now greater than British consump-The French drink more spirits, more wine, and have a larger total consumption per head than any of these three other nations.

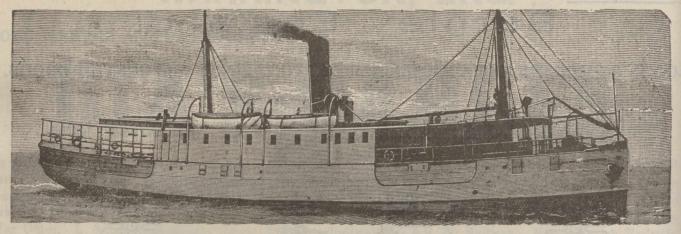
The most striking fact in the above statement is the low drink-consumption per head in the United States. The American total per head is less than one-half of the total consumption per head in any of the three other countries. The superior sobriety of the American workman as compared with the Englishman has often been noticed, and observation in social grades higher than that of the artizan tends to show that American superirespect is a general superiin this ority not confined to workmen ority only. developed alertness and prompt the American may, it is quite likely, be due in some part to this relative abstinence from alcoholic drink which is now illustrated.

Looking back over the fifteen years, 1886 to 1900, for the purpose of observing the increase or decrease in drink-consumption per head of population, the following table has been obtained:

	18	86-1890.	1891-1895.	'96-1900	. '96-1900.
	A	verage	yearly per	Head.	Per head
Country		Gall.	Gall.		Per c't.
France			31.5	32.3	122
United Kingdom			31.1	33.1	113
Germany			26.6	29.9	123
United States		11.8	14.3	14.2	120

In each country the drink-consumption per head of population has increased since 1886-1890, and, with

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the exception of the United States, there has been an increase during each five-yearly period observed. Comparing the period 1896-1900 with the period 1886-1890, it is seen that the percentage of increase per head population in drink-consumption was smallin the United Kingdom than in any three other countries. Germany France have had the largest relative increases per head of population. In the United States, the increase of 20 per cent. in the drink-consumption per head of population is due to an increase in beer-drinking—the consumption per head of wine and spirits has declined. In the United Kingdom, France and Germany, the increase in drink-consumption per head of population is due to the increased consumption of each kind of drink, but mainly to an increased consumption of beer per head in Germany and the United Kingdom, and to an increased wine-consumption in France.

As the results just shown are based upon the records of three five-yearly periods, they are of more importance than results based upon the facts of three isolated years,

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and they show that a material increase in drink-consumption per head of population has occurred in all the four countries during the last fifteen years.

This matter of drink is sometimes dealt with by eliminating from the population all children and all total abstainers—the latter being estimated more or less And it is has been stated that this method is more correct than the method which deals with the population as one whole. He points out that the method of elimination shows only the consumption of drink by drink-consumers, and that this is a different thing from the consumption per head of populationnot a more correct or incorrect statement of the same thing. Moreover, in comparing one country with another, or the same country with itself at different periods, he allows all the factors of drink and of non-drink to come into the account. Certain factors should not be eliminated when examining the drink consumption per head of population, which is probably a more useful examination than the ascertainment of drink consumption by drink-consumers only, especially as the latter depends largely upon estimate.

The importance of Drink Duties to National Revenue is shown by the following statement, which relates to the financial year 1899—1900:

Country.	Total Per Drink Duties. Millions sterling.	Revenue.
United Kingdom	370	36
United States	. 40.0	29
France	. 22.0	19
Germany	. 13.7	18

The above Drink Duties include the Excise taxation of home-made drink and the Customs duties on imported drink.

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The current criminal statistics for England record a material increase in the prosecutions for drunkenness during recent years, namely:

	Yearly Number of Pro- secutions for Drunken- ness per 100,000 of
Period.	Population.
1887—1891	619
1892—1896	A. M. Carlotte and
1899 only	675

Although the above figures cannot be regarded as absolutely proving that drunkenness is on the increase, for the reason that the increase in the number of prosecutions may possibly be due to greater stringency on the part of the police, yet when they are looked at side by side with the wholly independent results already stated, as regards the increased consumption of drink per head of population one result appears to confirm the other, and an unsatisfactory conclusion is reached.

MONTREAL FURNITURE FAILURE.

Steel & Brunet, wholesale and retail furniture, Montreal, have assigned on demand of The Canada Furniture Manufacturers' Company, Toronto, with liabilities of \$32,-641. Some twenty years ago James Steel started the business in his own name, doing a very fair trade. was burned out on several occasions, prior to July, '97, when he admitted Alphonse Brunet, his bookkeeper, as Partner, under present style. Mr. Steel has, of late years, been exporting to the European market. The firm carried a large stock and done considerable credit business, as evidenced by the present book accounts. The assets are said to be in excess of liabilities. The principal creditors itors are: -Gold Medal Furniture Company, Toronto, \$1,-089; J. Kreiner & Co., Berlin, \$624; Canada Furniture Manufacture. facturers' Co., Toronto, \$1,755; North American Bent Chair Co., Owen Sound, \$2,431; Toronto Upholstery Supply Co., \$497; Preston Furniture Co., Preston, Ont., \$400; Toronto Preston, On ronto Plate Glass Co., \$905; H. R. Ives & Co., Montreal, \$983; Gault Bros., Montreal, \$779; The Sherwin-Williams Co., Montreal, \$397; Thos. Liggett, Montreal, \$1,611; G. & H. Hees H. Hees, Son & Co., Toronto, \$1,110; Canada Jute Co., Montreal, \$212; Giddings & Co., Granby, \$245; Ste. Therese

Furniture & Bedding Co., \$3,281; Gibbard Furniture Co., Napanee, \$486; Knectel Furniture Co., Hanover, Ont., \$623; The Rathbun Co., Deseronto, \$322; Berlin Piano and Organ Co., Berlin, Ont., \$760; George McLagan & Co., Stratford, \$200; The Gendron Manufacturing Co., Toronto,\$267; Wm. McLaren, Son & Co., Glasgow, Scotland, \$652; Dominion Carpet Co., Sherbrooke, \$400; James Walker & Co., Montreal, \$290; H. King, Berlin, \$259; W. Kavanagh, Montreal, \$240; Cook, Son & Co., London, Eng., 1,719; Williams & Morrison, Montreal, \$1,000; George Gale & Son, Waterville, \$297; Arthur & Co., Glasgow, \$502; Edward Hughes, Ridderminster, Eng., \$431; Empire Carpet Co., St. Catharines, \$277; Beecher's Falls Co., Beecher's Falls, Vt., \$1,034; Andrew Baile, Montreal, \$327; The Canadian Colored Cotton Co., \$727; John Tiffin estate, \$760, and F. Allardice, \$5,500.

James Steel, a member of the firm, has made a separate assignment at the instance of The Canada Furniture Manufacturers' Co., Toronto. His assets are given as stock in Glasgow, Scotland, \$5,000 to \$6,000, and about \$2,000 books debts, with creditors; Union Bank, \$5,000; Steel & Brunet, \$8,000. The other partner, A. Brunet, declares that he has no personal assets or liabilities.

FIRE LOSSES.

Montreal, Jan. 21.—Storeage buildings of the Standard Chemical Company, producers of kindling wood, damaged. Loss about \$2,000; fully insured.-Hamilton, Jan. 16.-Barn and stables, with 800 bushels wheat, belonging to J. S. Jones, on Dundas and Waterloo road, burned. Thought to be incendiary. Insurance on buildings, \$1,500; on contetns, \$500.—Oshawa, Ont., 17. — Residence of Mrs. A. Drew, one mile east of town, burned, with portion of contents. Cause, lamp explosion.-Montreal, 19.-Stables owned by Mr. Girard damaged through defective stove. Loss on stock, \$300; on building, \$200. Former insured in Merchants' Ins. Co.-Hamilton, 20.-Two large water tanks on farm of Wm. Hendrie, burned. Loss about \$300. Supposed incendiary.—Thamesville, Ont., 20.—B. Tiffin's residence destroyed Cause, overheated stove. Loss, \$500; no insurance.—Toronto, 17.—Fur store of A. Weiser and book store of A. Britnell, both badly damaged. Fire started from wood stove in former's store. Weiser's stock was valued at \$3,500, and was insured in the British American for \$2,000. The loss will exceed the insurance. The Britnell book store suffered heavy loss, but is covered by insurance. The building, a three-story brick, is owned by Thomas Thompson. The damage to

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Telegraphic Address: "TOXTETH, Liverpool."
Telephone 44, Wavertree.

it is estimated at \$1,500, and the loss to it is covered by a policy in the Scottish and National for \$4,000. William Thompson, a tenant of the upper stories of the building, had furniture damaged to the extent of \$200, this loss being also covered by a policy in the British America Company.—Ottawa, 20.—Residence of J. P. Featherstone destroyed. Loss, \$3,000; partial insurance in the Queen's.

DAIRY PRODUCE.

A private London circular, date 10th instant, treating of the dairy situation, says: Butter.-During the present week the temperature has been moderately cool, and much drier than last week. Yet there is no return to normal January temperatures. The demand for Australian and New Zealand butter continues to improve, although there were signs of weakness a day or two ago, but some of the large agents remained firm and the tone recovered. It would not surprise any one if a rise of 2s took place next week. Values meantime remain unchanged since last week, except in special cases 108s is made. In the North of England New Zealand butter is closely approaching Danish in price. Choicest Danish in Liverpool yesterday was sold at 110s and 112s, choicest New Zealand 106s and Last year, for a fortnight, New Zealands made equal prices with Danish in that city. The shipments of Australian butter are very rapidly declining, the quantities on the last four vessels being 20,274 boxes, 16,111 boxes, 11,190 boxes, and 9,623 boxes. As showing the comparison with last year the Oroya, which left this week, carries only 9,623 boxes against the vessel leaving the same date last year which carried 32,564. first 16 days of February last year, 90,844 boxes arrived from Australia, this year the arrival will be 36,924. From New Zealand for the same period the arrivals were last year 28,638 boxes, this year they will be 37,400; the net deficiency from Australia will thus be 45,158 boxes for the first 16 days of February. The Copenhagen Committee has left the Official Quotation unchanged and it remains at 14s 6d below last year. On the spot Danish butter is 18s below that period, while Australian and New Zealand is only 8s below.

From the Board of Trade Returns the total import of butter during the year 1901 was 185,140 tons, which is 16,215 tons more than in 1900. From the following countries there were increases: Russia 8,436 tons, Denmark 5542 tons, United States 4,704 tons, Canada 3,864 tons, Holland 805 tons, and from New Zealand 174 tons; making a gross increase of 23,525 tons. From the following countries there were decreases: Victoria, 3,923 tons, New South

Wales 1,092 tons, Sweden 791 tons, France 522 tons, Germany 453 tons, Queensland 79 tons, Other Countries 450 tons, thus showing a net increase of 16,215 tons, as above. It is interesting to note that of this increase 12,310 tons took place during the half year ended 30th September, the increase for the first quarter being 1,383 tons, for the second 5,150 tons, for the third 7,160 tons, and for the fourth 2,522 tons. Australian imports for the year were 5,094 tons short, New Zealand 174 tons in excess, making a total Australasian deficiency of 4,920 tons. Cheese. There is a good steady demand for Canadian and New Zealand cheese, and for the transatlantic variety there has been an advance of 1s per cwt. on the week. Zealand remains unchanged. Present price of Canadian 50s to 51s for choicest and 47s to 49s for finest. ponding week 1901 choicest, 54s to 55s and finest 52s to 53s.

LEGAL RECORD.

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

WRITS ISSUED-ONTARIO.

Brantford—B. Cumberland vs T. A. Ballantyne, Bruce Mines—E. J. Hunter vs Joseph Kettles, \$925; Hamilton—J. M. Rousseaux vs A. D. Galloway, \$1,080; Margulay To A. P. caulay Tp.—A. Fraser vs Thos. Slack, \$2,000; Nelson Tp Freeman Bros. vs J. Pearth, \$316; Ottawa—Union Bank vs Admrs. of the estate of J. W. McRae, \$41,985; Aband & Boosama vs Bashara & Krame, \$440; O. Beaudry vs H. Gallien et al, \$2,794; A. Norman vs Sills-Eddy Co., \$1,000; Rosenfeldt, Man.—J. Ross vs Robert Ross, \$656; Sault Ste-Marie—Molsons Bank vs A. Devine, \$800; Toronto— J. Porter vs Samuel Bassett, \$513; J. M. Foster vs Wm. & A. M. Bradford, \$2,007; Canadian General Electric Co. vs. Canada Brass Elec. Co., \$424; Can. L. & N. I. Co. vs A. W. Maybee, \$2,000; Bruce Tp.—A. Johnston vs J. and Fannie Riby \$1,242, foreclosure; Dunnville—W. Bailey vs W. L. Weatherby, \$5,000; Grand Valley—Continental Life Ins. Co. vs Elizth. Hall, \$625; Hintonburgh—Jane M. Smith vs Mary A. Wilson, \$1,589; London—J. Legree vs Saml. Lewis & Co., \$311; Narray 2000; Co., \$311; Napanee—J. Milligan vs Thos. Jamieson, \$5,000;



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libel or slander; Ottawa—Banque Jacques Cartier vs Arthur Charbonneau, \$5,500, damages, disputed; Jane M.

Smith vs Victoria E. and G. F. Thompson, \$1,627; E. Miles vs Jno. Wright, et al, assignee, \$829; Toronto—W. R. Tudhope vs R. J. Henderson, \$320; J. E. Sampson vs Friedman & Co., \$702; G. M. Neelon vs Niagara & St. Catharines Ry. Co., et al, \$4,000, damages

WRITS ISSUED—BRITISH COLUMBIA

Rossland-Clarendon, Ltd., \$988.

WRITS ISSUED-MANITOBA & N.W.T.

Gimli—M. M. Holm and J. Johnston, \$1,314; Winnipeg-Broatch & Obee, \$564.

JUDGMENTS RENDERED-ONTARIO.

Richmond Hill—E. H. Sanderson agt J. M. Sanderson, exr., \$558; Toronto—S. J. Gaby agt James Crang, \$2,500; Est. of C. Flanagan agt Michael Ryan, \$6,795; J. Ross et al agt Horace Thorne, \$3,090; Manitoulin—Merchants' Bank agt David Watson et al, \$2,605; Niagara Falls—W. H. Gillard & Co. agt R. A. Smith, \$386; Ottawa—R. Wallace agt J. R. and Mary E. Hayes, \$447.

JUDGMENTS RENDERED—QUEBEC.

Magog—McKinnon & Co. agt J. W. Langlois, \$525; Montreal—S. P. Myers agt H. Readers, \$182; Delle Adela David agt Pierre Vincent, \$501; St. Stephen's, N.B.—J. Pinder agt Gagnon Bros., \$612

JUDGMENTS RENDERED—NOVA SCOTIA.

Canning-T. D. Onderdonk, \$679; Dartmouth-Alex.

Lloy, \$617; Glace Bay—Lighter & White, \$603; Big Tracadie—W. A. McLeod, \$827; Sydney—J. C. Ebsary, \$429.

JUDGMENTS RENDERED-MANITOBA & N.W.T.

Putoche—A. M. Langlet, \$740.

JUDGMENTS RENDERED—NEW BRUNSWICE.

Woodstock-H. W. Moores, \$500.

EXECUTIONS—QUEBEC.

Montreal—M. J. A. Decelles agt Dme. M. L. Desaulniers, et vir, \$541; F. Tremblay agt J. Jackson et al, \$339; St. Laurent—Dme. E. Deguire agt E. Gohier, \$2,169; Montreal—Dme. E. E. Doyon agt Emile Tessier, \$3,556; Reliance L. & S. Co. agt Hiers Philias Bissonnette, \$1,110.

CHATTEL MORTGAGES—ONTARIO.

Berlin-Hy. Alletter to A. Erb, \$825; Fenelon Falls-T. H. DeCew & Sons to J. D. Church, \$27,743; Hamilton-Hy. Maxey to J. F. Wood, \$2,448; Ingersoll-W. L. Cameron to Brener Bros., \$1,800; Keppel Tp.—Harrison & Hawk to G. W. Ames & Co., \$600; Ottawa-Maud E. Jones to J. Boyden, \$908; Plantagenet Tp.—A. A. Fraser to W. R. Petrie, \$1,500; Toronto-W. R. Houston and wife to T. Mulcahy, \$696;—Thos. Goring to G. W. Lankin, \$780; Brantford-Hurley & Watkins to Alice S. A. Watkins, \$824; Wm. McCutcheon to J. Cocker, \$900; T. Taylor and wife to G. D. Heyd, \$600; Fenelon Falls—T. H. DeCew & Sons to J. D. Church, \$30,000; Hamilton-Thos. Bradfield to H. Kuntz, \$1,567; A. D. Simon and wife to Grant Spring Brew. Co., \$3,500; Osgoode Tp.—Margt. Shiels to R. J. Carson, \$600; Ottawa-Ed. Devaux and wife to F. W. Carling, \$1,200; Toronto-W. H. Smith to H. Langlois, \$804; York Tp-Mrs. Eliza A. Calvert to S. A. Myers, \$800;

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Special Prices to Canadians under the new Tariff

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Nelson-J. G. Bunyan & Co., \$3,568; Ucluelet-Binns & Thomson, \$605.

BILLS OF SALE-ONTARIO.

Toronto-T. A. Hollmrake to M. A. Nott, \$3,000; Petrolia-C. J. Orchard to E. D. Fletcher, \$700;-Pitts & Charlton to Skillings, Whitney & Barnes Lumber Co., \$43,588.

BILLS OF SALE-BRITISH COLUMBIA.

Grand Forks-Vancouver Mercantile Co., \$924.

BILLS OF SALE-NOVA SOOTIA.

Yarmouth-A. J. McCallum, \$3,500.

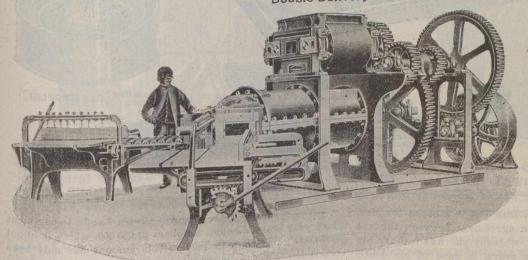
-A technical difficulty only prevented Chief Justice Meredith from giving a winding-up order in the case of the Canada Brass and Electrical Company of Toronto on the 20th instant, says the Globe, a company which the secretary and general manager admit to be insolvent. The career of the company has not been a very prosperous Howorth Bros., manufacturers of electrical supone. plies, Toronto, organized the company, with a capitalization of \$100,000, of which \$20,000 was subscribed. They put in their plant, and assets, taking up paid up stock in the company. The other shareholders were principally residents of Guelph, who, although they subscribed, did not all pay up in full. Recently the landlord, Mr. M. A. Thomas, took possession of the stock and premises under a landlord's mortgage, and sold the stock to a Peterboro' concern. Subsequently the Morrison Brass Company obtained judgment, and the Toronto Electrical Company are now suing. Other creditors threaten to proceed against the subscribers for their unpaid calls on stock. Application was made before Chief Justice Meredith for a winding-up order on behalf of A. H. Howorth, the secretary of the company, who has a claim for wages. Mr. R. B. Beaumont, representing the manager of the company, admitted insolvency. The assets are \$100 of book debts and the unpaid calls on stock, amounting to about \$7,000. The liabilities are in the neighborhood of \$12,000. Chief Justice Meredith questioned the manager's authority to admit insolvency, and ordered the application to stand over pending a resolution from the board of the company. The following are the shareholders in the company: J. G. Howorth, A. H. Howorth, A. M. Brodie, M. A. Thomas, A. J. Pattison, W. H. Smyth, of Toronto, H. C. Schof field, R. E. McPherson, P. Dodd, George McPherson, Edward Palman, L. ward Palmer, James E. Day, Charles R. Barber, W. E. Buckingham, A. H. Jones, E. Barber, F. H. Frank, Robt. Steart, G. B. Morris, M. W. Burr, Miss J. P. Tolton of Guelph.

-Canadian manufacturers from Montreal, Toronto, and other centres were in Ottawa on the 21st inst., to interview the Mariante in Ottawa on the 21st inst., to view the Minister of Finance; coming under the auspices

..Clay-working Machinery.. C. WHITTAKER & CO., LTD.

HORIZONTAL PLASTIC BRICKMAKING MACHINE.

Double Delivery Machine.



Main Points:

Strength.

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

Mr. Fieldof the Canadian Manufacturers' Association. ing heard the representations of the oatmeal millers, the agricultural implement manufacturers, and the shirt and collar makers. On behalf of the oatmeal industry it was Pointed out that the tariff needs readjustment, inasmuch as while the duty on the oats amounts to \$1, the duty on the barrel of oatmeal is only 50 cents, so that when oats are scarce in Canada, and have to be imported there is really discrimination against the Canadian miller in favor of the American, who enjoys a protection of \$2 a barrel in his own market. Another grievance is the alleged unfair competition of fancy cereal goods made in the States. Hon. Lyman Jones, of the Massey-Harris Company, spoke in explanation of the tariff, and of the Canadian agricultural implement industry, which is subject to unequal competition from the United States. Messrs. Tooke, Skelton and Gordon, of Montreal, represented again to Mr. Fielding the inequalities of the tariff on cottons and upon shirts and collars.

Rachel Wolfe, mantlemaker and furrier, Toronto, is offering her creditors 30 cents in the dollar on liabilities of over \$18,000. The business, which was considered quite an extensive one, was conducted under the flame of Mrs. Wolfe. At the meeting of creditors a statement was presented showing total ilabilities of \$18,283. Of these, howsented showing total ilabi

meeting of creditors the offer of 30 cents in the dollar, which it was claimed was practically secured, was not accepted, but another meeting is being held to-day. Some of the creditors object to the settlement, and one firm, A. A. Allan & Co., of Toronto, who have a claim for \$645, refused, it is stated, to accept the offer of compromise.

-About a year ago Narcisse J. Gregoire, jewellery and umbrellas, came to Montreal from St. Johns, Que., where he carried on the trade of umbrella manufacturer, with a fair measure of success, being a practical man in that He has now assigned on demand of A. F. Gervais' merchant, of St. Jean d'Iberville. The liabilities amount to \$15,785, and are distributed as follows:-C. O. Gervais & Frere, \$225; Charles Meunier, \$700; Joseph Gregoire, \$850; A. G. Racicot, \$200; Madame Delphine Collette, \$5,-800; Meridan Britannia Company, Hamilton, \$306; Smith, Paterson & Co., Boston, \$245; J. Miller & Co., Glasgow, \$229; The Harvey & Watts Company, Philadelphia, \$285; J. P. A. Detroismaisons, \$700; The J. L. Cassidy Company, \$226; H. A. Nelson & Sons Company, \$316; Watson, Foster Company, Ltd., \$468; J. M. Boudreau, \$225; Montreal Cotton Company, Valleyfield, \$292; McMahon, Broadfield & Co., Toronto, \$422; Gowans, Kent & Co., \$383; Stauntons, Ltd., Toronto, \$699; Nerlich & Co., Toronto, \$447; Merchants Bank of Canada, \$350.

—A meeting of lawyers interested in the claims of creditors of the estate of the John Calder Clothing Company, Hamilton, was held in that city on the 20th instant. An attempt was made by certain cerditors to have Mr. W. E. Boyd appointed permanent liquidator, while other creditors wished to have the interim liquidator, Mr. Walter Anderson, continued. The Master reserved his decision on

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the question. Mr. W. A. H. Duff put in a claim for Mrs. Calder for about \$8,600, on an agreement between the late Mr. Calder and the Company, whereby she was to have his salary, \$1,800 a year for five years, in case of his death within the time of the agreement, and a claim was put in for Messrs. A. Langlois and A. Horsfall, of Montreal, for \$15,000; also wages on a five-year contract. Whether these claims will be allowed is a question. The liabilities outside of the two claims referred to amount to about \$22,000. The assets are: Stock in hand, fixtures, etc., \$18,835; due on calls, \$13,600.

-According to late London advices, the Imperial Tobacco Company has got the best of Mr. Duke, of the American Tobacco Company, in manoeuvring for the capture of the firm of Salmon and Gluckstein. Harry Will, leader of the Imperial Tobacco Company's force, conveived the idea of buying uy Salmon & Gluckstein outright, a feat which would have required more than £1,250,000. sale was not achieved, but arrangements hardly less important resulted, namely, an offensive and defensive alliance between the Imperial Tobacco Company and Salmon The deal is subject to the approval of the Gluckstein. Salmon & Gluckstein shareholders. If this is obtained the latter company will banish all the American trusts' tobacco from all its shops, numbering more than 150 in London and the provinces. Salmon & Gluckstein, as compensation, will obtain from the Imperial Tobacco Company an agreement guaranteeing dividends at a most satisfactory figure.

-The Canadian Pacific Railway is having installed in the Windsor Station, Montreal, one of the most expensive steel vaults ever erected. The outside door weighs three tons, and it fitted with 22 locking bolts of 22-inch diameter, also a triple time lock. The inside door has thirty locking bolts. The interior which measures 12 feet 6 inches x 9 feet 3 inches, is composed of five layers of crown steel, the whole resting inside of a fireproof brick casement, and columns, so, that in the event of the destruction of the building, the steel vault would remain solid upon its columns. The vault is from the drawings of Mr. J. M. Mossman, who drew up the plans for the new treasury vaults at Washington, D.C., and who will shortly come to this city for the purpose of making arrangements for the new vaults of the Bank of Montreal, which, it is said will equal those at Washington.

—The revenue of the Ontario Crown Lands Department last year was in round numbers \$1,630,000, which is about \$100,000 more than in 1900. This amount has only been exceeded by the department in two previous years, as shown by a table of revenues, since 1881. Those years were 1892 when the receipts from timber alone reached \$2,174,591, and 1893, when it was \$1,757,005, in each of which years the receipts from timber bonus were in the neighborhood of a million dollars. The total revenue from timber dues last year was \$824,843, compared with \$576,320 in 1900. This has been exceeded only as follows: 1897, \$1,082,054; 1894, \$844,216; 1889, \$947,883. The lowest in 21 years was in 1885, when it was \$411,738.

—The inland revenue for the month of December amounted to \$1,127,395 or an increase of \$131,035 over the same month last year. The total excise revenue was \$1,114,073, of which \$676,881 came from spirits, \$85,668 from malt, \$268,336 from tobacco and \$76,775 from eigars.—On the recommendation of Hon. James Sutherland, acting Minister of Marine and Fisheries, a commission consisting of Prof. Prince, Commissioner of Fisheries, and Messrs. George R. Maxwell, Aulay Morrison and Ralph Smith, M.P.'s, has been appointed to inquire into and report upon certain fishery matters on the British Columbia coast, more especially into the use of trap nets in salmon fishing. The investigation will take place immediately.

—Improvements on the St. Lawrence canal system have delayed the undertakings of the Ontario Ship Railway Company, and a bill to be introduced asks for an extension of time. It also asks that the following be made provisional directors, in the place of several who have resigned or dropped out: Hugh Blain, Kivas Tully, Hon. S. Casey Wood, John Flett, Joseph Blakeley.—A bill to ratify the agreement between the Town of Collingwood, Ont., and the Collingwood Shipbuilding Company as to terms of assessment, etc., will be submitted to the Legislature. A similar bill regarding the agreement between the Union Stock Yards Company and the Town of Toronto Junction will be introduced.

—Another illustration of the advantage of the Canadian route from the Far East to Great Britain, as compared with the Suez Canal, is given. Three carloads of seal-skins, forwarded from Yokohama, Japan, December 27, by the C.P.R. Co,'s Royal Mail steamer Empress of Japan,

Contractors to H. M. GOVERNMENT.

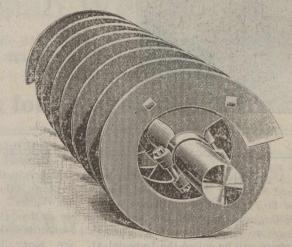
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reached Vancouver, Jan. 9. The shipment was transferred and sent on from Vancouver Jan 10, reaching West St. John, Jan. 17, and was then put on board the Allan line Royal Mail steamer Pretorian, which sailed Jan. 18, and is due in Liverpool about the 28th instant. The shipment will, therefore, complete the passage from Yokohama to Liverpool in one month, eclipsing the Suez route record by about a week.

From Winnipeg we learn that Mr. Chamberlain has arrived from New York, where he has completed arrangements to start immediately the carrying out of the enterprise of erecting immense pulp and paper mills, and deprise of erecting immense pulp and paper mills, and developing water power to the extent of 100,000 horse-power on the Winnipeg River, 65 miles from the city. The mills, Mr. Chamberlain says, are to be in operation within two years, and the intention is declared of transmitting power to Winnipeg next fall.—Building operations in Winnipeg for the year 1901 totalled \$1,741,357, an increase of \$283,681 over 1900.

The Western Pickle Packers' Association, including representatives from Illinois, Indiana, Michigan, Ohio, Iowa and Missouri, are considering an advance in prices. It is declared that there might be a pickle famine before next summer, notwithstanding the increase of \$1.50 a barrel over the prices of a year ago. The crop of cucumbers was 600,000 bushels below the average, which meant that pickle packers would be 200,000 barrels short. One packpickle packers would not be surprised if the supply gave out entirely before the close of summer.

It is said in Liverpool that each of the companies joining the suggested Atlantic shipping combine would retain its name and individuality, while the profits would be divided pro rata on the earnings shown by each company's books. It is also reported that the German lines may be included in the combine, so as to obtain complete control of the rates. A report state's that the White Star Line is not for sale, and will not come under the terms of any alliance except as regards the maintenance of rates, passenger as well as below hatches.

A new Boston line of steamers to the West Indies, South America and Central America is stated to have been formed, and already the arrangements for building two of the steamers at Bath are announced. The concern is the United States Steamship Company and the president is A. N. White, of Pawtucket, R.I. The company will have ten steamers built, and the present intention is to name the boats after Presidents of the United States. The Bath Iron Works will build two of the steamers, as an approximate cost of one million dollars.

—Glasgow advices state that the British Government has invited tenders on the Clyde for the construction of ten torpedo-boat destroyers, larger and stronger, but slower than those heretofore built. The idea of the Government is that the reduction of speed to 25 knots will be more than compensated for by superior power, more reliability, and greater coal room.

—During the season of navigation April to November last, the Elder Dempster steamships carried from Montreal to Liverpool seven thousand head of cattle, and out of this number only ten died in transit.

Telegraphic Address: "STANDARD WIRE, SOWERBY BRIDGE."

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Patent Plough Steel Rope Wire.
Patent Mild Plough Steel Rope Wire,
Patent Steel Rope Wire,
Galvanised Hawser Wire to Lloyds' Tests.

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.

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

-A provisional agreement has been signed whereby the Imperial Insurance Co., Limited, the Alliance Assurance Co., and Imperial Life Insurance Co. are to be amalgamated. The new company will be called the Imperial Alliance, and will take over the entire assets and business of all three in-The staffs of both Impestitutions. rials will be retained by the Imperial Alliance.

BUSINESS DIFFICULTIES.

-A demand of assignment has been made upon Joseph Cousineau, coal and wood dealer, Montreal, who, it is reported, has left the city.

-Moses Segal, trader, Levis, Que., has assigned with assets of \$7,000 and liabilities of \$6,800. The principal Montreal creditors are Mrs. A. J. Segal, \$1,240; Liddell, Lesperance & Co., \$761; J. Cohen & Co., \$331; Montreal Shirt and Overall Co., \$380; M. Berdick, \$500; H. H. Wolf & Co., \$323; S. Levison, \$242; Werner Bros., \$237; Canadian Underwear Co., \$237. A meeting of creditors is fixed for the 28th inst.-C. R. Oliver, who has been conducting a small grocery and provision business at Deseronto, Ont.,-for about three years, has assigned. Liabilities about \$1,700; assets about half that amount.

FINANCIAL.

Montreeal, Tnursday 23rd Jany., 1902 The contract for the new building of the Board of Trade was signed this week, the contractors being Messrs. Peter Lyall & Son. It will take two years to erect the structure, and by that time its renting value will have been decreased materially. The slump in the stock of a prominent bank has given general currency to reports that were confined to an inside circle. No special cause for such a decline has recently become known, it is simply the result of a feeling, which has been growing for a length of time, that the management had deteriorated since a certain change was made. It is quite possible to drive business away and repel it. In accomplishing these results there has been quite a success

achieved in the bank in question, without any other result to offset these drawbacks. From some street talk we gather that in regard to another institution the public would prefer to see more business experience and financial strength represented on the Board. The public to-day is wider awake than the public of years ago. People do not value ornamental directors as they once did, in a financial insituation; they desire to see in control financial experts and men of responsibility, business acumen and experience.

The feeling in London is growing more and more hopeul as to the resumption of business operations in South Africa. Shares in goldfields companies are moving up, and an American syndicate is being formed to operate in these securities ("Kaffirs.") Consols have advanced again to 941/8. The New York stock market is reported to be suffering from the surfeit of business last year. It is realised that a time of rest is needed for taking stock of the situation, and preparing to bring prices nearer to real values. The trust companies are full of deposit money at 2 to 31/2 per cent., large amounts of which, early last year, were being used in Wall Street in speculating. The change is a healthy one. The stocks and bonds of the Nova Scotia Steel and Coal Co., are to be listed on the stock exchanges of this city and Toronto. There is a danger of over-capitalizing the iron and steel enterprises now in their ini-Canadians will learn a tial stage. few things about the vicissitudes of this class of business in a few years that are quite notorious in the old country in iron smelting districts. Stock business is quiet. Pacific has been selling at 114 to 1141/4; Montreal St., 264 to 266; Dominion Coal, 59 to 591/2; Heat & Power, 90 to 91%; Steel. 281/2; Steel preferred, 831/2 to 841/4; Twin City, 1081/2. Merchants Bank. 144 to 148; Toronto, 230; Commerce. 153; Dominion, ex-div., 241; Ottawa. 20934: Imperial, 233. Berlin, exchange on London, 20m. 421/2 pf. Paris.

New York rates, 41/2 to

25f. 111/2c.

Local foreign exchange, 60's, 91/4 to 93/8; demand, 93/4 to 97/8. rates as for some time past; call loans, 5 per cent.

The following is a comparative table of stocks for week ending Jan. 23rd, supplied by Chas. Meredith & Co., Stock Brokers, Montreal:

		2018	average same
Banks.	Shares. sold. Highst	. Lowst.	date 190(L
Montreal	. 15 259	259	259
Molsons	. 45 209	209	1901/2
Merchants	. 92 148	144	1551/2
Commerce	. 21 151	151	147
Miscellaneous.			
Can. Pac. Ry		1131/2	88
Duluth, S.S		10	
Montreal St		260	267
Mont. Power			
Toronto St		115	1071/2
Halifax St		102	95
Twin City	.2430 110	1071/2	
Rich. & Ont			107
Com. Cable	. 365 1641/2	162	
Montreal Tel.		1743/4	172
Bell Tel		169	173
Mont. Cotton .		120	
Dom. Cotton .		42	901/2
Merchts. Cotton		80	137
Payne	36000 32	25	55
North Star	.2000 23	23	88
Dom. Coal, com	6395 611/2	551/2	
Dom. I. & S., con	n6414 293/4	25	
Bonds.	Mary Williams		
Halifax Elec	11000 104	1021/2	****
Can. Col. Cotton	n2000 1015%	1015/8	991/4
Laurentide Pulp	13000 105	105	
Dom. I. & S18	0,000 831/4	811/2	
The Part of the Local Division in which the last of th	12		

MONTREAL CLEARING HOUSE. Clearings. Balances. For week ending Jan. 23, 1902 ..\$16,805,442 \$2,812,942 Corresponding week, 1901 ... 2,160,941 .. 15,266,859 1,694,641 " 1900 13,448,918 2,547,319 1899 18,019,119

DRAZILIAN EXCHANGE.	
For week ending Jan. 21st, 1902.	
an. 15	
16	
17 12 3-10	
20 12 3-100	
21	



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.

El Padre Needles

10 Cents.

VARSITY,

The Best____

· CIGARS ·

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

Made and Guaranteed by

S. Davis & Sons,

MONTREAL, Que

MONTREAL WHOLESALE MARKETS.

Thursday, Jan. 23, 1902.

Steady cold weather and good sleighing are giving to retailers the maximum amount of business, and from this wholesalers are deriving the full measure of activity, and cash which follows. Dealers in general have cause to rejoice at the prospects which, beginning over a year ago, have been as favorable for both wholesale and retail trade as though the result of a special order carefully filled. In dairy produce butter is about holding its own with cheese somewhat quiet. Eggs are lower. Flour is steady while feed of all kinds maintains the extreme prices lately reached. Pork is at a profitable price for farmers. Dry goods are moving well. Hardware is being freely ordered for spring delivery. Augers, harvest tools, hinges and barb wire are lower. In groceries sugars hold steady at the extreme low prices. Leather is in good demand. Green hides are lower except for calfskins which have advanced. Turpentine has been advanced 5c per gallon.

BUTTER.

The market continues quiet and business passing is confined to city

EXTRACT OF INDIGO. REDUCED INDIGO.

J. W. EASTBURN,

Ragian Chemical Works: HALIFAX, ENGLAND.

Special prices to Canadians under the new Canadian Tarift.

requirements. There are no export orders. Choice autumn made creamery is scarce and held firmly; but winter make is plentiful, qualities under finest not being in favor and receivers find difficulty in pushing sales quickly. There is also an absence of demand for dairy, offerings are large and sales are unusually light. But as the Lenten season is approaching the outlook is for increased consumption. Though the market looks quiet and prices show an easier tendency, lower prices are not looked for. Finest October creamery is jobbing at 211/2c to 22c; winter makes, 19c to 21c; finest western dairy, 17c to 18c; under grades, 13c to 15c; finest rolls are in good demand at 1634c to

CHEESE.

The market is howing a decidedly easier feeling with a very light business passing. Firmness appears to have disappeared from the market. We make no change in figures, but in order to push sales it is questioned whether our quotations could be real-Finest September make, 101/4e to 101/2c; earlier, 10c to 101/4c.

CHEMICALS, OILS, ETC.

Bleaching powder is quoted lower Blue vitriol is also lower at \$2 to \$3. at \$5 to \$7. Gambier is now quoted at 73/4c to 81/4c, a slight decline. In bils the chief feature is the advance in turpentine of 5c gall.; the price now being 64c to 65c. Linseed oils are dull and unchanged in price.

DRESSED POULTRY.

All kinds are in quick demand; turkeys, 111/2c to 12c lb.; ducks, 10c to 11c lb.; chickens, 10c to 12c lb.; fowls, 8c to 9c lb. These prices apply only to

fresh receipts of finest quality. There is still a large lot of old frozen stock which is difficult to move off at any price.

EGGS.

Receipts are larger and, as the weather is favourable for production, receivers are pushing sales and meeting the market. New laid shipped stock shows a decline of 5c doz.; and limed and held 1c to 2c dozen. Montreal limed, 20c to 21c; Western do., 19c to 20c; new laid, 27c to 30c; fall selected, 23c to 25c; cold storage, 20c to 22c.

FISH.

Trade is active, now that the early Lenten season is approaching. Values are well maintained except in some lines of fresh fish which being overplentiful are selling at slightly low-

FLOUR AND FEED.

The rush on flour appears to be over, a fair demand at steady prices now existing. Millers are more interested for the present in the coarser commodities, as feed of all kinds is still very scarce, the continuous, heavy demand preventing any accumulation. Prices, as a result, are firm at the high values ruling for some time. Baled hay is in fair demand. No. 1 hay, \$10 to \$10.50; No. 2, \$9 to \$9.75; clover mixed, \$8 to \$8.50; and clover, \$7 to \$7.50 per ton in car lots. Flour and feed quotations are given on another page.

GREEN FRUITS, ETC.

Lemons are getting cheaper. Grape fruit is also lower. California celery has been reduced 25c to 35c per crate. Apples are firm at last week's prices, the movement being limited owing to high price. Trade all round is somewhat dull, not having revived since the dullness following the New Year. In the English markets apples are commanding good prices. Greenings, 22s to 22s 9d; Baldwin, 20s to 23s 6d; Spies, 17s to 23s; Russets, 18s 6d to 23s 6d; Kings, 22s to 25s; seconds, 3s less. Local quotations are: — Apples, brls., \$3.50 to \$5.50; California Val. oragnes, \$3.25 to \$3.60; do. navel oranges, \$3.25 to \$3.50; Jamaica oranges, \$4.75 brl.; do. in boxes, \$3.25; Florida oranges, \$3.75 per box; Jamaica grape fruit, \$3.25 per box;



AGENT FOR CANADA

CHAS.

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

lemons, 360s, \$2.85; do. 300s, 2.50 to \$2.75; chests of lemons, \$5.50; bananas, eight-hands, \$1.00 to \$1.35; No. 1 do., \$1.75 to \$2.25; extras, \$2.50; new figs, mats, 31/2c per lb.; do. boxes, 8c to 12c per lb.; new dates, 41/4c to 4%c per lb.; nuts, Pecans, extra large, 17c; sweet potatoes, brl., \$5 to \$5.50; small crates of Spanish onions, \$1.10; Cape Cod cranberries, \$9 to \$10.50; Malaga grapes, per keg, \$5.50 to \$7.00; pines, 15c to 25c each; extra pines, 45c do.; Columbia pears, \$3.00 per box; Catawba grapes, 25c per basket; Cal. celery, 7 to 12 doz. crate, \$4.75; Florida tomatoes, \$5.00 per crate; do. fangerines, \$3.25; California tangerines, \$3.00; Cal. cauliflowers, \$3.25 to \$3.50 per crate.

GREEN HIDES.

Prices of beef hides have dropped to

7c, 6c and 5c for Nos. 1, 2 and 3, a decline of 1/2c all round. Quality of receipts is usually poor at this time, and besides there appears to be an easier feeling in general. Calfskins have advanced ½c lb., to 9 and 7c for Nos. 1 and 2. Lambskins have advanced 5c to 65c but this is only for extra growth as the season advances. New York reported demand slow both from tanners and dealers, but packers being well sold up permitted their being indifferent as to pushing sales. Chicago reported native hides in full supply and freely offered. Buyers were inclined to be indifferent and continued to bid off in prices. Branded hides were closely sold up, and as the present take-off of these is light native steers were 131/4c to 131/2c;

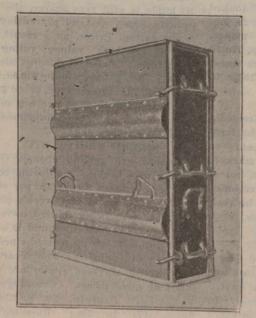
Texas, 131/2c; butt brands, 121/4c; Colorados, 12c; native cows at 111/2c, and branded do. at 10c to 101/4c. Country hides were dull, with sellers of No. 1 buffs at 81/2c and buyers talking a decline in prices to 8c.

GROCERIES.

The leading sugar refiners on the continent are at the moment interesting themselves with the possible outcome of the Brussels conference, re bounties, countervailing duties by Great Britain, etc., to give much heed to the lesser task of adjusting local prices, as might best conform to their own ideas of profit or preserve their individual trade from local aggression. As a consequence prices of reprices held steady. Prices quoted for fined here are unchanged at the basis of \$3.90 for standard granulated, out-

SOAPFRAMES

PATENTS-No. 5107/93; No. 10362/99.



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

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

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

Soap Trade Suppliedunder the new Tariff

Cable Address: EILLS, Liverpool.

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, 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.

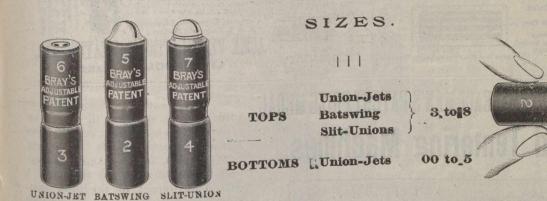
OFFICE:

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.



GEO. BRAY & CO. Gas Burner Manufacturers

Bagby Works, LEEDS, ENG.

side delivery. The sugar situation is thus reviewed by a prominent U. S. firm: "The advance in Europe appears to be to some extent due to the causes which led to an advance in the beginning of last year, namely, the purchase for United Kingdom account, in anticipation of tariff changes. It is rumored that the British Government will in April next not only put an additional duty on all sugars, but that it will follow American precedent by putting a countervailing duty on bounty-fed sugars, and, as such measures would increase the value of sugar in the United Kingdom, the trade are beginning to stock up as they did before. Here no such inducement exists; but, on the contrary, there is a general belief that Cuban sugars will be granted a reduction in duties, and

that, should this reduction reach 50 per cent., Cuban shippers might be sellers at even less than the parity of 3% e duty paid here, for, at that price, less a duty of .842c, they would be getting 1.69c cost, freight and insurance. The influence of Cuban sugars would, however, lessen as the crop was marketed and the supply diminished, and once that took place and United States refiners had to turn to Java or Europe for sugars, which have to pay full duties, they would require to pay the world's price and lose the advantage they at present have from the local pressure to sell before Cuban sugars come upon the market in quantity. There is no further news as to the deliberations of the conference on bounties, which reassembled at Brussels on Jan. 13, but there is a report

that the British delegates have been instructed to intimate that the British Government will impose countervailing duties on bounty-fed sugars. This will prove effective against France which pays large bounties and has no Kartell, but it would only be of moderate force against Germany and Austria, which might abolish their official bounties and at the same time, through their Kartell, give producers an equivalent additional private bounty, and it is against the Kartell bounties that both the United States and the British authorities require to keep a close watch." Groceries in general have been pretty steady for the past ten days. Canned apples are dearer, having been advanced 25c on gallons, making the price \$2.55 per doz.; and 15c on 3 lb. tins, bringing them to \$1

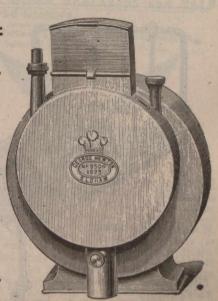
GEORGE NEWTO



GAS METER MANUFACTURERS.

> OLDHAM, ENGI-AND.

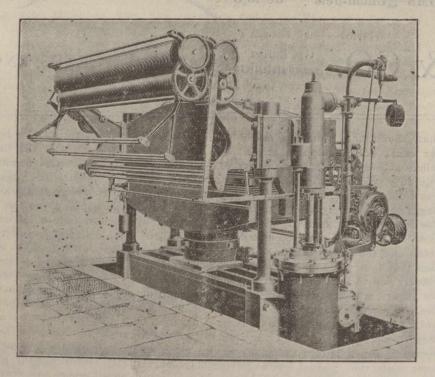
Special quotations under the new Canadian Preferential Tariff.





Royal Letters Patent. NUSSEYS & LEACHMAN'S PATENT PRIZE MEDAL

Pressing and Tentering Machines.



MAKERS W. B. LEACHMAN & CO., EXCEL WORKS.

Great Wilson Street,

LEEDS, ENGLAND

per doz. Evaporated apples are worth Fairbank's lard in 20 lb. pails has 91/2c to 101/2c lb.; dried are worth 7c. been advanced 1/8c to \$2.05. A Ham-

ilton, Ont., canning company has made a second shipment of canned tomatoes to New York, sending two carloads, valued at \$1,600. The duty is 40 per cent. but the Americans appear to be willing to pay the price. A New York report of the 22nd inst. says: An improved interest in spot tomatoes was noted to-day, and following business aggregating around 4,000 cases of 3 lb. standards on the \$1.221/2 basis the feeling among the few holders was stronger. It is believed that a few small lots might still be picked up from second hands around this figure, but in general the views of sellers are higher. Stocks in first hands are exceptionally light, and no blocks are offered in any quarter. The impression is gaining ground that stocks in jobbers' hands are small, and a few in this market are looking around for bargains. Regarding dried fruit a late report from Greece says: In view of short stocks on this side we are of opinion prices will be supported. There remains no Gulf or Vostizzas for sale and but little Patras fruit. In regard to sultana raisins Smyrna reports: Recent strong demand has made dealers sanguine of further advance; lots offered to us to-day are held the following morning for several shillings more Firm offers are quite out of money. the question. The list published by the London Dried Fruit Association makes the stock in that city on December 31, 1901, as follows: Currants, 6,400 tons, against 12,400 tons the same day in 1900; Valencia layer rai-

Special terms to Canadians under the New Preferential Tariff.



IDDON BROTHERS-



INDIA RUBBER ENGINEERS,

Brookfield Iron Works.

LEYLAND,

ENGLAND.

Engineers and Rubber Machinists,

Plans for erection and Comple ion of New Rubber Works throughout, on the most modern principle.

SPECIALITIES: All kinds of Rubber Machinery.

SPECIAL NOTE: Buyers of Rubber Machinery, have 33½ p.c. in their favor by purchasing from the Makers and Inventors in England under the new Canadian Preferential Tariff.

sins, 1,100 tons, against 2,700 tons on December 31, 1900; sultana raisins, 2,-100 tons, against 3,200 tons on the same day in 1900; figs, 926 cases and 1,300 bags, against 2,100 cases and 5,200 bags on the same day in 1900; Jordan shelled almonds, 1,300 boxes, against 5,300 boxes; Valencia almonds, 4,600 boxes against 3,300 boxes in 1900, and Persian dates, 174,000 boxes, against 300,000 boxes on December 31, 1900. On Persian dates London mail advices report the market there as firmly held, with an advancing tendency.

IRON AND HARDWARE. Business is quiet at the moment but

the prospects for the spring trade are unusually bright. In fact, orders are coming in well for spring delivery. Discounts have been increased on auger bits, harvest tools and hinges. Barbed wire is 10 cents lower. reduction in cut and wire nails has already been announced. In the heavy metals the weakness in copper continues. In New York there were free sellers of Lake copper at 11c and it was rumored that even the Calumet & Hecla is now ready to make sales at that price. Another rumor that gained wide circulation was to the effect that Lake had sold at 101/2c, but in the best informed quarters this

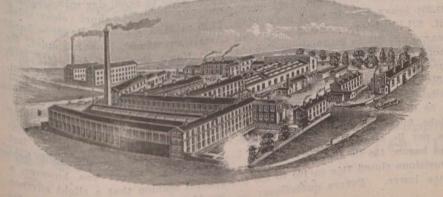
pronounced absolutely There was not much new business in pig iron, but the strong tone of the market is unchanged. While for long time contracts prices are not quotably lower, it is said that there is a disposition on the part of some sellers to make business by shading quotations somewhat. This, however, is said to be due to the lack of important demand for such deliveries at present, rather than to any real or expected change in the situation. For structural materials there is an active demand and a considerable number of contracts are being closed. Bar iron is still quiet and sheets are ra-

Telegraphic Address: "HASTE, BRAMLEY, LEEDS.

Haste & Brown,

Hough End Tannery,
BRAMLEY, LEEDS, - Eng.

—Tanners, Curriers,— Enamellers & Japanners.



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

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

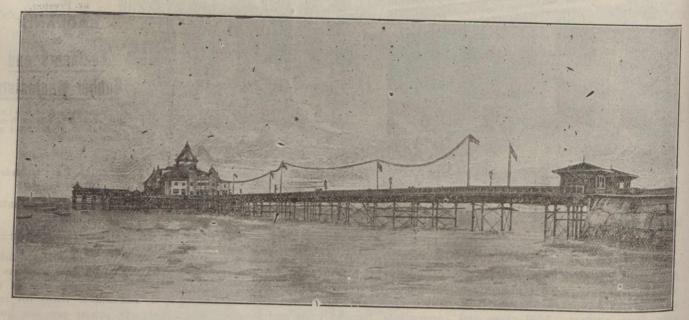
NOTE.—The "Eagle" Perfection Brand is the motto for the Highclass Standard of Selection and Quality in these Goods.



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

Widnes Foundry Company.

ESTABLISHED



Morecambe Pier (East View),

ERECTED, 1898, BY

THE WIDNES FOUNDRY CO.

WIDNES,

Lancashire, - - England.

ther slow and somewhat unsettled, but there is no actual change to be noted in the situation of finished pro-

LEATHER AND SHOES.

Trade in leather is fairly good, but manufacturers are taking hold only for immediate needs. Prices are steady. The shoe trade denotes activity with good prospects for spring trade.

PROVISIONS.

The activity and firmness of the market last week was but temporary, the past week showing more of a hesitating spirit in taking receipts; this being followed by a decline of 50c per in 20 lb. wood pails, \$1.971/2 to \$2.05; brl. in cured meats and a drop of 10c Globe, \$1.721/2 to \$1.80; 20 lb. tin pails. Fears of a heavy drop seemed to gov- and bacon, 15c lb. Chicago, Jan. 22.—

abroad, has not been figured out. prominent brand of U.S. lard, being sold here in 20 lb. pails has advanced 1/8c during the week, being now worth \$2.05. Quotations are: Selected heavy Canadian short cut mess pork, \$22.50; heavy Canadian short cut mess pork, \$21.50; Canada short cut back pork, \$21.50; heavy Canada mess pork, long cut, \$21.50; heavy Canada short cut, clear pork, \$21 to \$21.50; light Canada short cut, clear pork, \$20.50 to \$21; pure Canadian lard, in 20 lb. pails. 11%c; compound refined lard, in wood pails, 20 lb., 9c; Boar's Head brand, 1/4s per lb. less; hams, 131/2c to 14c; ern the market, but just what was re- Provisions closed 71/2e to 10c to 25c to sponsible, beyond an easier feeling 271/2c lower. Future quotations:

Mess pork, January, \$16.20; May, \$16. 57½; July, \$16.60. Lard, January, \$9.30; May, \$9.50; July, \$9.60. Short ribs, January, \$8.30; May, \$8.521/2. quotations: Mess pork,\$16.25 to \$16.30; lard, \$9.30 to \$9.35; short ribs, sides, loose, \$8.20 to \$8.40; dry salted shoulders, 71/2c to 73/4c; short clear sides, \$8.70 to \$8.80. Liverpool, 22. — Lard, American refined, in pails, quiet, 488 3d. Hams, short cut, firm, 49s. con, Cumberland cut, quiet, 40s. Shoulders, square, dull, 38s.

WOOL.

The advances shown at the opening days' sales of the London wool auctions, which began on Tuesday last were really more than the trade here anticipated. There was, however, a general opinion that a slight advance would be made. A London cable for

Irwell Rubber Co., Limited.

ENGLAND. MANCHESTER.

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

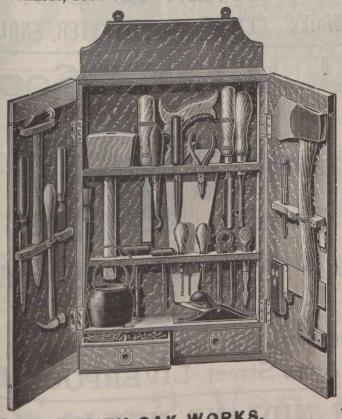
Plants, &c., &c.

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 The Latest. Strongest and Best Gripping Belt made.

Special rates under the new Canadian Tariff. Enquiries invited.

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



CITY OAK WORKS,

BROWN ST. And SHOREHAM ST.,

the opening day says: There was a fairly large attendance of Continental, American and home buyers eager to secure supplies to replenish depleted

stocks. Competition was spirited and general. The offerings numbered 9,-790 bales of unusually good quality. Crossbreds sold 5 per cent. higher, me-

WANTED TO BUY

An Asbestos Mine. Address with full particulars.

Rochdale.

Care "Journal of Commerce," Montreal,

Canada.

Wholesale Grocery Stock for Sale.

VICTORIA, BRITISH COLUMBIA.

Tenders will be received by the unders gned at a rate on the dollar, up to 12 noon on the 31st January next, for the purchase en bloc, or in lots, of the Stock in Trade of Thomas Earle, Wholesale Grocer, Victoria,

B. C.

The Stock is well assorted and up to date. Full particulars may be had on application to the Assignee.

The highest or any tender not necessaring accounted.

Anyone contemplating going into a similar business in Victoria could acquire a suitable building, erected in 1900, and recently occupied by Thomas Earle.

ARTHUR ROBERTSON, 6 Bastion Square, Victoria, B.C. Assignee,

dium and coarse 10 per cent., and Cape of Good Hope and Natal and lipes were unchanged to 5 per cent. dearer. There were a few lots withdrawn. Americans purchased crossbreds moderately.— 22nd—The offerings to-day were heavy, numbering 14,-096 bales. All classes were in good demand and competition was keen at firm prices. The bulk of the offer-

& Watkinson, aylor

Inventors and Patentees of Machine Cast and Planed Printers Leads, Clumps and Metal Furniture Canadian Printers will dowell before ordering the usual supplies to send for our terms and discounts

under the New Tariff and effect a saving of not less than 21/2 per cent. Shippers and the Trade Supplied.

PETER'S YARD, KIRKGATE, LEEDS, ENG.

INVESTMENTS.

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

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

THE ROYAL BANK

DIVIDEND No. 64.

NOTICE is hereby given that a dividend of three and one-half per cent. for the current half year, being at the rate of seven per cent, per annum upon the paid up Capital Stock of the Bank, as been declared, and that the same will be payable at the Bank a d its Branches, on and after SATURDAY, the 1st day of February next.

The Transfer Books will be closed from the 17th January to the 31st January, both days inclusive

The Annual General Meeting of Shareholders will be held at the Banking House, in this City, on WEDNESDAY, the 12th day of February next.

The Chair will be taken at 11 o'clock a.m.

By order of the Board,

By order of the Board,

E. L. PEASE, General Manager.

Halifax, N.S., 26th December, 1901.

ings were taken by the home trade and the continent. Some new clip medium crossbreds were taken by American buyers at an advance of 10 per cent. Cape of Good Hope and Natal sold well at 5 per cent. higher rates. Local trade is expected to improve, but present dealings are of an insignificant order. Prices will advance in keeping with the London market.

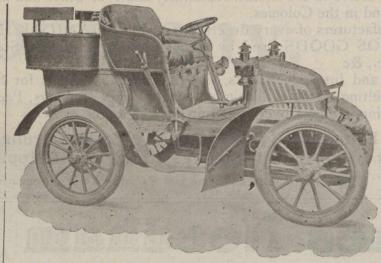
TORONTO WHOLESALE MARKETS. (Revised by Telegraph.)

Thursday, Jan. 23, 1902.

Weather conditions being favorable trade is showing the full benefits, while prices of all the farmers have to sell are at a sufficiently profitable point to permit of their purchasing freely, and paying as free on the extras that prosperity has of late years changed into necessities. Wholesale firms feel the full extent of this, as well as the extra measure of profit derived from sales of better grade goods, to which more attention is latterly being given. In the dry goods trade there is evidence of a greater desire on the part of buyers to make purchases for spring needs. There has has been some holding back in order to watch the course of the market, but buyers are coming to the conclusion that it is time for them to come into the market if they are to meet the demands of their trade. Though the house business has not as yet reached a large volume orders on the road are very satisfactory. The character of demand so far has been very diverse. Both extremes in the matter of fabric have taken well with the trade and are considered good property. In skirtings goods running as high as 20 ounces have gone well. These are mosetly with plain backs, as the plaid backs seems to have almost entirely gone out.

Country Produce.-Eggs are arriv-

Marshall's Belsize' Car



Two Cylinders. 12 h.p. 14½ cwts.

No Chains. No Belts.

Uprivalled Hill Climber.

Send for particulars.

Marshall & Co. Belsize Works. CLAYTON, MANCHESTER, ENGLAND.

J. Ward & Sons,

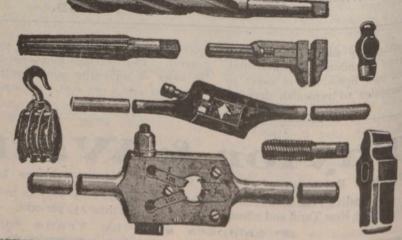


Military Musical Instrument Manufacturers.

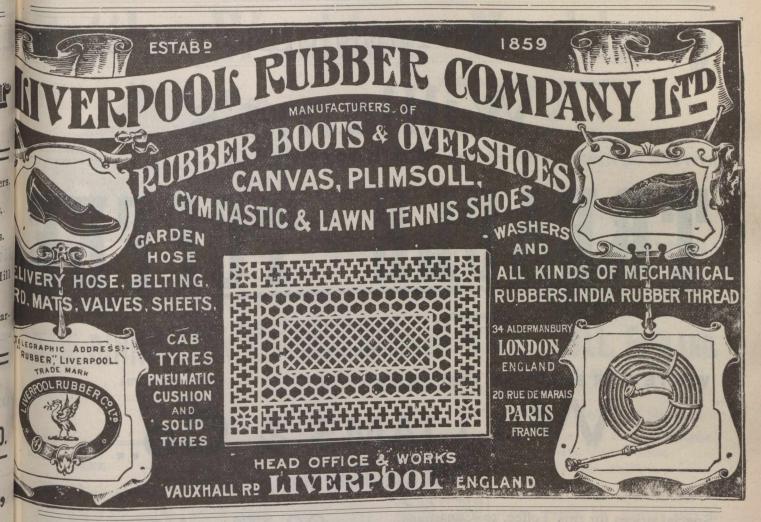
Wholesale Importers and Exporters of

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

THE MIDLAND



SPECIAL NOTE.—Buyers have 331/2 per cent in their favour by purchasing from The Makers and Inventors in England under the new Canadian Preferential Tariff.



ing mixed, new laid and somewhat older, necessitating after sorting. New laid, 25c; fresh gathered, 181/2c to 20c; limed, 171/2c to 19c.—Poultry: Fresh killed turkeys, 9c to 10c lb.; geese, 8c to 9c; ducks, 60c to 80c pr.; chickens, 30c to 50c. Potatoes.—Carlots, 60c to 65c bag; jobbing, 75c to

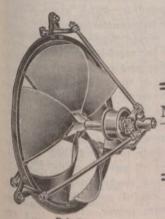
Dairy Products. - Butter of good quality in small supply. Tubs, 16c; inferior, 14c. Creamery prints, 20c to 21c. Dairy rolls, 16c to 161/2c. Cheese.—10c to 10½c in a jobbing way. Wool.—Prices firmer in sympathy with London advances. Fleece, 13c to 14c, pulled extras, 18c.

Denton, near Manchester, Eng.

Manufacturers of wool and fur bodies, suitable for ladies', men's, and boys' hats. Also raw materials supplied to manufactures of same. Gold medal Lyons Exhibition, 1872. Silver medal Barcelona exhibition, 1888. Two gold medals Toronto exhibition, 1896. and 1898. Gold medal Paris Exhibi-Wool merchants, wool tion, 1900. washers, and carders, dyed wools and mixtures in all colours, felt body makers, fur blowers, logwood dealers and

THE LANCASHIRE FELT CO., LTD., cutters, verdigris, &c., and exporters of hatting machinery.—The business now being conducted by The Lancashire Felt Company, Limited, was established in the year 1865. The origin of the concern was the united effort on the part of about a dozen hat manufacturers, wishing to produce machine-made felt bodies, the production of hand-made ones not having been able to keep pace with the requirements of the hat trade. Purchasers of these felts avoid the risk of sudden fluctuations in the wool and fur markets. The premises consist of brick buildings, and yards, covering an area of two acres of ground, and business

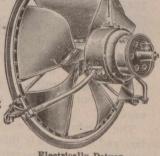
The same of the sa " Ventilating Fans



Highest Efficiency, Strength and Lightness

MADE ENTIRELY OF WROUGHT

Ventilating, Drying and Cooling Purposes



Electrically Driven.

GENERAL BUYING

Special prices to Canadians under the New Tariff. 40a Thornton Road, BRADFORD, ENC.

UST LIKE MOTHER USED TO MAKE!

Williams's

TREACHE TOFFE

The Toffee par excellence.

WRITE FOR SAMPLES AND PRICES TO

WILLIAMS & Co...

Steam Confectionery Works,

Special prices for this Toffee, to Canadians under the new Preferential Tariff, 331/3 per cent. in favour of these goods, F.O.B. at Liverpool.

96 Wood Street, LIVERPOOL, Eng.

is being conducted as wool merchants, wool washers, and carders, felt body makers, fur blowers, logwood cutters, dealers in verdigris, and exproters of hatting machinery. Each department is fitted wan the most modern appliances, driven by three boilers and engines indicating 350 horse power. The Lancashire Felt Company, Limited can turn out 1,200 dozen fur bodies, and 3,800 dozen wool bodies per week, and are conducting a home and foreign trade. In 1888 the Company exhibited at the Barcelona Exhibition show cases of wool, felt, and fur in the various stages of progress, and were awarded a silver medal. The operations of the Company afford employment to a working staff of two hundred and sixty hands. The general manager, Mr. R. Pintner, who has had experience there of upwards of thirty years, is a gentleman of much business energy and enterprise. Mr. John E. Hall, secretary of the Company, is recognized as possessing rare ability combined with a fund of actual experience which together fit him most ably for the position he fills in this enterprising Company's growing busi-

The Dominion of Canada is growing fast and in no way is this more noticeable than in the necessities of enlarged production of such goods as this firm manufacture. It, therefore, behooves the trade to become acquainted with the most capable and enterpris-

long training and efficient managemet combine to afford the full measure of satisfaction in all orders. Write for illustrated catalogue and special terms under new Canadian ful in work-They are also of larger preferential tariff.

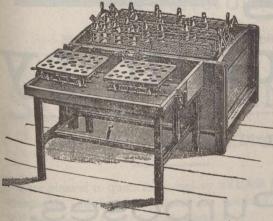
J. B. CLABOUR.

Engine Works, Guiseley, near Leeds, England.

The proprietors are desirous of acquainting Canadian users with the facilities they possess in the manufacture of improved combined engines and boilers as showing at once a cimplicity of construction not hitherto attained and a corresponding ease of fitting up. In a circular before us the following points are brought out: Improved engine and boiler. The readiest the cheapest and the most satisfactory mode of applying steam power yet offered to the public, no brickwork expense in fixing being required. Gold Medal Awarded International Exhibition, 1890.—Shippers supplied for export. The trade supplied, generally useful means of communi-3 to 14 h.p. always in stock and pro- cating steam power.—The boilers are gress. In bringing these very excel- double rivetted in V seams, and are lent combined engines and boilers into notice, we have every confidence in ing the works. Write for illustrated recommending them as the best, the catalgoue, price list, and special terms simplest, the cheapest in the market, under new tariff,

ing firms in this particular line, where They are designed on correct and tried principles.-They are most carefully and substantially made.—They are very easy to manage, and economical in fuel.—They are steady and powercylinder and boiler capacity than is usually offered.—The prices will be found the lowest in the market, indeed it is believed to be impossible to offer them (with due regard to good material and good workmanship) at a less figure. They are supplied in the following sizes, from three to fourteen horse-power.—The engine, as will be seen, lies horizontally on the foundation tion plate, and in the design through out, all the weight is kept as near the base as possible, which gives greater and more substantial steadiness when at work, very different to the tearing vibration in vertical engines, where the cylinder and guides are bolted to the boiler, or to the destructive rock ing of the portable engines. They can also, when required, be readily put on low wheels and run to any part of a works deposited, and be at once ready for immediate use; and they are considered by all parties using them to be the most ready, inexpensive, and tested to 150 lbs. pressure before leav-

Bottle Washing Machinery



Original Inventor and Patentee.

OUR NEW PATTERN "KINGSTON."

No. 2

22-dozen Half-pint Beers.

Fitted with Revolving Rinsers as shewn.

£27

with Bottle Sinker.

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

Machines from £10 to £40.

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

Special estimates to Canadians under the New Tariff.

and a substant	444	BONTO
STOCKS	AND	ROMING

NAME.	Par Val'e.	Capital Sub- scribed,	Capital paid-up.	Rest.	Div. last 6 Ms	Dates of Dividen	of ds.	Per Cent. Price Jan. 9. (Bid)	Cash value per S.
Ruissan	_		A DEE EGE	1,703,883	3	Apl.	Oct	128	311 04
British North Am Can. Bank of Commerce	243	8,000,000	8,000,000	2,000,000	81%	June	Dec	147	78 50 42 00
	40	500,000	350,000 2 500,000	4,500,000	8 +21/2	May		244	422 0 75 00
Dominion Bastern Townships	50 50	2,500 000 2,000,000	1,742,535	1,050,000	31/2	Jan	July	150 158	79 00
Dalifay Ranking Co	20	600,000	600,000	500,000	31/s 5	Feb. June	Dec	205	205 00
	.00	2,000 000	1,995,750	1,500,000 750,000	31/4	June	Dec	152 229	229 00
Hochelaga Imperial	100	1.500,000 2,500,000	2,500,000	1,850,000	5	June June	Dec	150	150 00
ABrchanta Can	100	5,000,000	6,000,000	2,600,000	31/2	Oct	April	209	104 50 516 00
Montreel	50 200	2,500,000	2,500,000	2,150,000 7,000,000	5	June May	Nov	258 95	28 50
Nationale	30	1,200,000	1,200.000	275,000 700,000	8 6	Jan	July	300	300 00
	100	500,000	2,000,000	2,582,840	41/4	Feb.	Aug. Dec	232 1231/ ₂	1232 no
Nova Scotia. Ontario. Ottawa	100	2,000,000	1,390,030	350,000	4 & 1	June June	Dec	205	205 nn
Ottawa People's of N. B	100	1,994,900	2,000 0 0	1,765,000 155,000	4		Dec	250 155	155 00
Provincial	150 25	180,000 873,487	781,248	700,000	3 3	June June	Dec	122	422 00
	100	2,500,000	2,500,000	1,700,000	31/4	Feb	Aug	175	17 00
St. Stank	100	2,000,000	200,000	45,000	21/4	April April	Oct	233	116 50
Standard	100	1,000,000	1,000,000	750,000° 2,347,000	5	June .	Dec	229 1121/4	229 00 112 25
Tradove	100	1,850,100	2,400,000 1,344,420	250,000	100	June	Dec	150	75 00
Union ext.	100	800,000	900,000	505,606	31/2	Mch June	Dec		
Union of Canada	100	2,000,000	2,000,000 401,239	550,000 184,000	31/4	Apl	Oct		
Acres	100	500,000	000 000	192,000	8	Jan	July	167	167 00
Agri, Sav. and Loan Co Bell Telephone Co Brit. Can, Loan & Inv. Co	50	5,000,000	5.000,000	800,000 120,000		Jan * Jan	July		
Brit. Can, Loan & Inv. Co Brit. Mortg. Loan Co	100	1.937.900	348.401	130,000	3	Jan	July	128 52½	128 00 52 50
Can Cortg. Loan Co	100	450 000 2,700,000	889,214 2,700,000			Jan * Jan	July	90	90 00
Can, Landed & Nat'l Inv'tCo. Can, Per & W.Can M. Corpn	100		1.004,000	350,000 1,491,057	8	Jan	July	115	57 50 57 00
Can. Per & W. Can. M. Corpn. Can. Sav. & Loan Co.	10	5,951.350	750,000	250,000		Jan Jan	July	136	136 07
Can. Sav. & Loan Corpn. Central Can. Loan & Sav. Co Dominion Sav. and Inv. Co.	100	2,500,000	1,250,000	450,000 80,000	2	July	Dec	72 124	86 nn 62 nn
Dominion Talegraph Co.		1,000,000	1.000,000		11/4	Jan *		45	45 M
	100	1,000,000	3,333,600	356,752	6	Jan	July	112	112 00
	100	1,500,000	1,100,000	200,000	31/2	Jan	July	185 179	135 00 89 50
	10	3,000,000	1,400,000	890,000 175,000	3	Jan Jan	July	70	70 00
Huron & Erie Loan & Sav.Co Imperial Loan and Inv. Co Langed Banking and Loan	100	732,724	720,647	210,000	0	Jan Jan	July	111 68	111 00 34 00
Lond Banking and Loan	100	732,724 700,000 1,000,000	877,267	87,500 160,000 50,000	3	Jan.	July	110	50 00
Lond & Can. Loan and Ag. London Loan Co	50	679,700	0.10,000	160,000		Jan	July	55	55 0° 68 6°
Manitoba & North-W. Ln Co Montreal Telegraph Co	100	1.500,000	000,000		70	Jan	Oct	- 300 mm	96 50
Montreal Company Co	40	2,000,000 8,000,000	0 008 640		5 21/4	April Feb. *		272	186 00
Montreal Street Py Co	50	5,000,000	4,500,000	560,318 600,000	1	Mch. *	Aug	112 95	112 00 95 00
Merchal Cotton Co.	100	1,400,000	1 250,000	***********	4	Feb Mch	Sep	1871/2	84 87
Merchants Cot. Co. Montreal Loan and Mortg. Ont. Indus. Loan and Inv.	100	DUU, UU	500,000	150,000	9	Jan	July	1211/4	60 75
Ohe Sudde, Long and Lon	100	466,800	900,000	585,000	3	Jan Jan	July	24	12 00 85 00
Ont, Indus, Loan and Mortg Ont, Loans, Loan and Inv People's Loan and Deb. Co Real Ret. Loan and Dep. Co. Richalts. Loan Co.	50	2,000,000	600,000	50,000	2	Jan	July		111 00
Richaus Loan Co	40	2,088,000	2.088,000	162,350	0	May Jan. *		2401/4	240 50
The Royal Electric Co Toronto Electric Light Co. Toronto Mortgage Co	100	2,250,000	950.000	320,100		Jan. *		136	136 00 76 50
		9:000,000	2,000,000	*********	21/	Jan. *	July	108	108 00
Toronto Electric Light Co Toronto Mortgage Co Windson Street Railway	50	1,445,860						1121/4	112 50
Toronto Mortgage Co	100	0,000,00			1	1 - Shines		- THE LEE	
		- Comment	1880	1000	1	1000		10000	1000
			100000	100 000	100			A THE REAL PROPERTY.	

HARTLEY BAXTER & CO., LTD.

Electro-Plate and Cutlery Manufacturers, Tenter street, Sheffield, England.

This firm, whose advertisement is shown, weekly, on another page of this Journal, desire to acquaint the Canadian trade with the excellence of their productions, the comparative cheapness of their goods, the perfectness of finish, which is in a large measure responsible for the sale of cutlery, etc., and the attractive cases in which they supply these special articles, another helper in their after disposal. A large and extensively illustrated price list will be sent free on application to above address, from which can be readily seen the leading lines manufactured by this firm, while the prices given will at once suggest to those in the trade the feasibility of giving these goods a trial. Articles of sale largely for presents, etc., are being more and more recognized of recent years through the manner in which they are gotten up and the condition in which they are found by those seeking such goods. The firm of Hartley, Baxter & Co., have fully recognized this as will be apparent at once on an inspection of catalogue, which our readers in the trade will find it advantageous in possessing. Special terms to Canadians under new preferential tariff. Hartley, Baxter & Co., Silversmiths and Cutlers, Sheffield, Eng.

CHEMICALS.

A private Manchester circular, date 2nd inst., treating of the chemical situation, says: In our report a year ago we mentioned that contracts were not being so freely placed as usual,

Ice-Making: Machinery

FOR ALL

Refrigerating Purposes.

Benjin Goodfellow, Limited,

HYDE, near MANCHESTER,

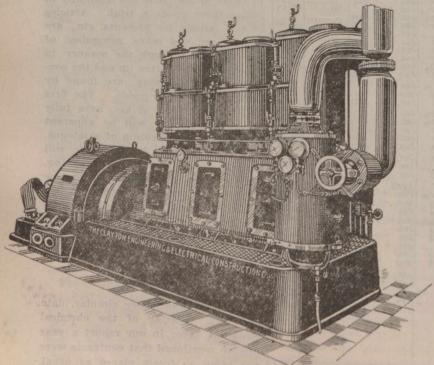
ENGLAND.

Special estimates to Canadians under the New Tariff.

view has been fully proved by the prices. A continuance and strength- some matters assisting and intensity

the general outlook being deemed uncal trade; a time of mostly hand-to- the prosperity of the two previous inviting, and the correctness of this mouth buying and generally declining years could only be expected, and as course of events during the year. This ening of the reaction so noticeable ing this may be mentioned the drag was indeed a bad year in the chemitwelve to eighteen months ago after ging-on of the war in South Africa,

The GLAYTON ENGINEERING & ELECTRICAL CONSTRUCTION COMPANY,



HEAD OFFICE AND ENGINE RWOKS:

Newton Hyde, near Manchester, Eng.

ELECTRICAL WORKS:

Clayton, near Manchester, Eng.

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

DIRECT-COUPLED

High-Speed Plants

Traction or Lighting.

BROWETT INDLEY & CO. | TD.

Patricroft, Manchester England.

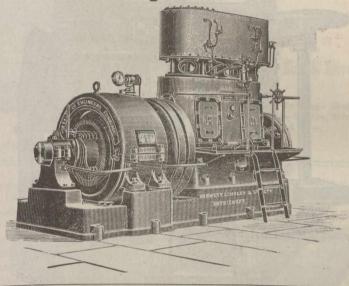
Manufacturers of High-Speed, Enclosed Type,

FNGINES, STEAM

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.

SOUND & RELIABLE BRITISH MANUFACTURE



the end of which is considered by many to be not far off; the over-production in Germany, the unfavourable financial position there, and forced sales of stocks; and the working of the British combines which -leaving entirely on one side the question of

their being in themselves a good or bad thing under present or improved methods- have certainly caused a great disturbance and depression, in one way, amongst others, by inducing for a time at least an excessive competition amongst sellers desiring to

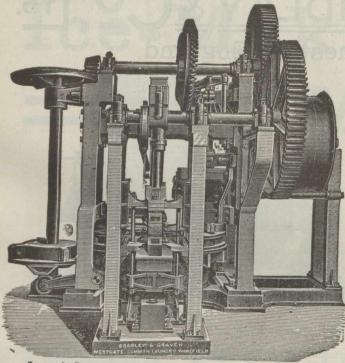
do business with them. Trade in the United States has, however, fortunately been good during the year, and that country has been able to take fair quantities of goods from us, and the outlook there continues favour-Some two months ago there

AM BODDEN & SON, Limited.

Spindle and Flyer Manufacturers.



be from our Works. Oldham, England, Hargreaves Works, SPECIAL PRICES TO CANADIANS UNDER THE NEW TARIFF.



Graven's Patent Brick Moulding and Dressing Machines.

BRICK-MACHINERY

For Working all kinds of Clay.

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

Double the Strength of any other Machines in the Market.

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

Bradley & Craven,

Westgate Common Foundry,

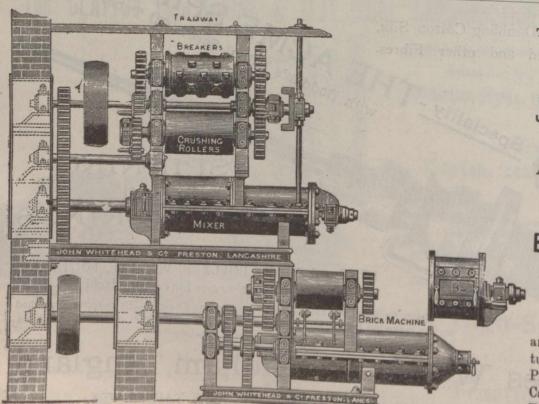
WAKEFIELD, Eng.

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

seemed to be some brightening of the position here, but this passed away; the chemical trade has become dull again, and it would seem that any early improvement is scarcely to be expected. Still, the restoration of peace, of which there are latterly better expectations, and a consequent increase of confidence, might quickly cause an improvement in the general condition of trade, and quite a number of chemicals are now very low in price, and are quite ready to respond and should therefore be carefully watched; on the other hand, it must be borne in mind that the present capacity of production is in excess of consumption.

Exports during the eleven completed months of 1901 do not compare favor-





Telegraphic address :-"Brictile, Preston." A. B. C. Code, 4th Edition.

John Whitehead & Co., Limited.

Albert Works,

PRESTON, ENGLAND.

Brickmaking Plant

"The Manchester."

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

Established 1857.

JOHN OLDFIELD & CO.,

THE CITY TANNERY & LEATHER WORKS,

BRADFORD.

- England.

SINGLE AND DOUBLE

OAK-TANNED LEATHER BELTING.

Single and Double.

ably with those during the corresponding period of 1900; bleaching materials show a decline of 11,474 tons or £31,168; alkali and soda compounds have an increase of 841 tons, but a decrease of £6,239; sulphate of copper shows a decrease of 5,058 tons or £123,129. In the alkali branch the production and prices have during the

vear been well controlled wherever pos-

sible. Bleaching powder commenced the year at £7 2s 6d and is now about £6 12s 6d; the new electrolytic make coming on the market in the spring caused some disturbance in values, but this make is now sold far ahead, and

LEATHER-LINK

---OR---

CHAIN BELTING.

For Electric and Heavy Driving

Picking Straps, Bark Tanned Green,

SPECIALITY

Buffalo Hide & Helvetia.

Solid Woven Hair and Linen Belting. Buffeld Hide, Skeps or Tubs. LACES—White, Brown (or Oiled,) Helvetla, Horny and Rop.

Special Rates to Canadians under the New Tariff.

THE MOST NUTRITIOUS.

EPPS'S COCOA

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

EPPS'S COCOA

BREAKFAST-SUPPER

the market is steady at present. Caustic soda has remained at unchanged prices throughout the year, but there has been some decrease in consumption, and the market is easy. Ammonia alkali was advanced 5s per ton in February, and has since been quite steady. Chlorates of potash and soda have fallen steadily by severe competition amongst Continental makers; latterly there is some improvement in demand, and prices are better, but still some 3-4d per lb. below those current twelve months ago. Tar products have not had a good year; values have declined steadily with very little ex-

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

The Gardner Oil & Gas Engines,

L. GARDNER & SONS LIMITED.

Patricroft, Manchester, England.

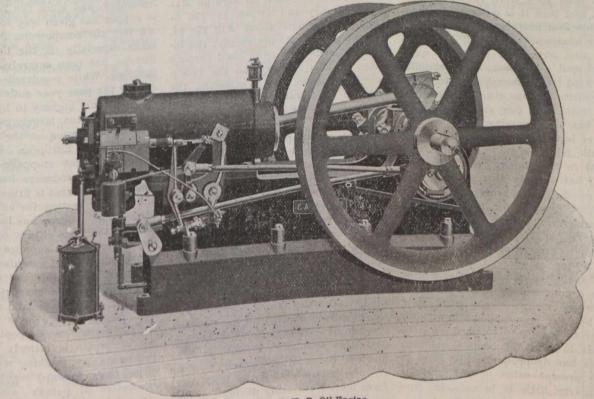


Photo of 20 B. H. P. Oil Engine.

Makers of:

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

LONDON OFFICES AND SHOWROOMS,

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

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

200 Engines Always in Progress.

87 QUEEN VICTORIA STREET, E. C.

Machines in use, 2402

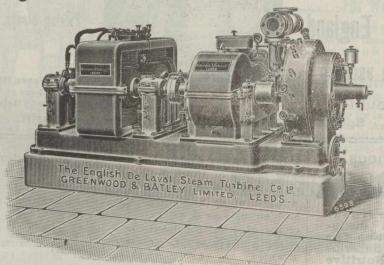
HP. 71,786.

Made from 11 to 300 HP.

and

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

Agents for Australasia: JAMES BARTRAM & SON. Melbourne.



No. 6395. 100 B. H. P. TURBINE DYNAMO. Type K. K. D.

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.

ception, and all except pitch are now lower than they were twelve months since, and thus it is quite comprehenhensible that business has been mainly for comparatively small lots at a time, and any large contracts quite exceptional. Creosote fell steadily from 11/4d twelve months ago to 7/8d in September, but has since improved to latterly a fair amount of business has been passing, but now the market is a shade easier again. Crude carbolic fell from 2s 7d in January to 1s 10d in September; it is now 1s 101/2d, but is only just steady, and may recede further unless there is an improved demand for crystals. Crysstal carbolic, 39|40 deg. C., commenced the year at 11d, and has dropped steadily to present price of 63/4d and is only selling slowly. Liquid carbolic also has fallen, and has latterly been much depreciated by heavy offerings of foreign make; some good sales have however been made, bottom prices appear to have been touched, and the market is firm. Solvent coal tar naptha has dropped steadily from 1s 3d to present value of 11d, and is weak; very little is being sold, consumers' trade being unusually slack.

Benzoles commenced the year at 1s to 1s 0½d, and during the first six months fell some 3d per gallon; prices have since improved, the demand for enriching purposes is good, and the market is very firm. Pitch fell from 30s to 27s during the first half of the year, but has advanced to 35s, and is

steady for early shipment. Sulphate of ammonia has been as high as £11 is in January and as low as £10 in April, and is now about £10 17s 6d, and the market is only steady; the increased production from blast furnace gases in this country, on the Continent of Europe, and in America, the position of nitrate of soda, and the depression in the sugar trade, all combine to make buyers of sulphate very diffident about purchasing, believing they may gain by waiting. Muriate of ammonia has been selling at steady prices all year, and demand and supply appear to be well balanced; carbonate of ammonia has moved along steadily, and during the last few months makers have been very busy. Brown acetate of lime has lost some 10s per ton; American grey acetate of lime has been reduced fully 20s per ton to stimulate consumption of this quality, the Continental demand having greatly decreased during the year. Acetate of soda is some 30s down, and is dull at present. Miscible naphtha has not changed, but solvent is some 8d per gallon cheaper. Lead salts have moved curiously during the past year; litharge has fallen about £5 10s per ton; nitrate of lead some 30s. to 40s; and brown sugar of lead some £2 10s, but English white sugar of yead is unchanged, and foreign white is 20s per ton dearer.

Green copperas has advanced, production appearing to be insufficient. Sulphate of copper has fallen steadily

some £3 per ton up to the end of November, and since the recent crash in copper has given way some further £2 10s; the competition of American make especially on the Continent of Europe, has been severely felt during the year. White powdered arsenic has during the past year suffered greatly, the fall from highest to lowest being some £5 per ton, largely caused by increased production on the North American and European Continents; however, recent stoppage of important British producers has caused a change, the market is firmer, and makers are now holding for an advance of 30s per ton. Borax has lost some £3 10s per ton; the efforts of the large makers to control supplies of raw material and price of manufactured have not been successful; the competition continues, and the market is dull at present. Carbonate and caustic potash are respectively some £5 10s and £4 10s lower; caustic continues easy, but carbonate is latterly firmer and consumers are thinking more of covering their forward wants. chromates of potash and soda the struggle between British and Continental makers has been severe, and values reduced some %d per lb.; the market is now steady, prices are very low, and consumers have purchased freely for forward delivery. siates of potash and soda are lower by about 25 per cent. and 10 per cent. respectively; makers are now not selfing far forward, hoping for an early

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, JANUARY 28, 1902.

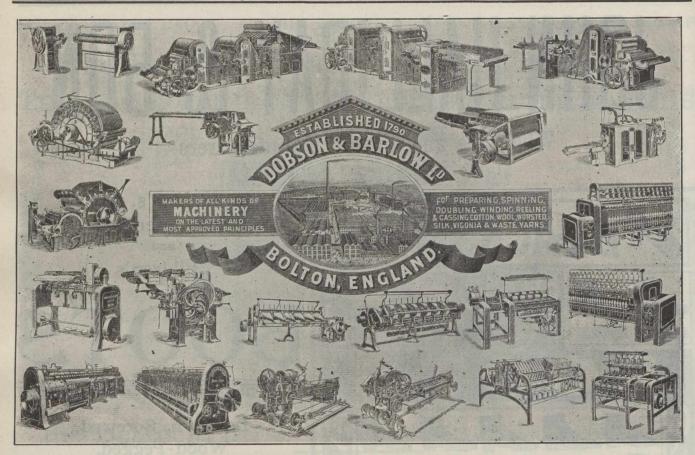
Name of Article.	Wholesale
Drugs & Chemicals Acid Carbolic Cryst medi. Aloes, Cape. Alum Borax, xxis Brom. Potass Camphor. Ref Rings. Citric Acid Citrate Magnesia lb Cocaine Hyd. (ox) Copperas, per 100 lbs Cream Tartar Rabsom Saits Glycerine Gum Arabic per lb Trag Insect Powder lb.	8 c. \$ c. 0 35 U 40 0 16 0 18 1 40 1 75 0 05 0 07 0 70 0 80 0 00 0 80 c 80 0 85 0 40 0 45 0 25 0 45 6 50 7 00 0 75 0 80 0 20 0 25 1 25 1 75 0 16 0 20 0 20 0 40 0 50 1 00 0 25 0 40
do per keg, 1b Menthol, 1b Morphia Oil Peppermint lb. Oil Lemon. Oplum Oxalic Acid Plosporus Potash Bichromate Potash Iodide. Quinine Sirychnine Tartaric Acid	0 22 0 30 5 00 5 50 1 65 1 75 2 75 2 50 1 25 1 50 4 00 4 25 0 07\$ 0 10 0 50 0 75 0 08 0 10 3 00 3 40 0 65 0 80 0 30 0 35
Stick, 4, 6, 8, 12, & 16 to lb., 5 lb. boxes, Acme Licorice Pellets, cans Licorice Lozenges, 1 5 lb. cans Meavy Chemicals.	2 00 0 00 2 00 0 00 1 50 0 00
Bine Vitriol Brimstone Canasic Soda 60. 30 70. Soda Ash Soda Bicarb Sal. Soda Concentrated	2 00 3 00 5 00 7 00 2 00 2 50 2 25 2 50 2 50 2 75 1 25 1 50 1 75 2 25 0 75 0 85 1 50 2 00
Catch con	0 27 0 29

EX. Pogmood 0 08 0 05

termination of the war to improve matters by giving rise to a demand for cyanides for gold mining. Tartaric acid has been a disappointment, the break of the German Convention, and trade depression in that country having caused an unexpected decline in value of some 11/4 d per lb, since April.

Minerals.-Iron ore has of course been affected by the unsatisfactory condition of the iron trade during the year; prices have fallen, and imports have declined, and not much business is being done at present, although rates of freight are extremely low. During the eleven computed months of the year the imports are 5,077,667 tons, value £4,176,015 (average per ton 16s 5d), as against 5,755,270 tons, value £5,150,287 (average per ton 17s 11d) during the corresponding period of Brimstone has advanced in value during the year, the trade being well controlled by the syndicate who have some 70 per cent. to 80 per cent. of the Sicilian output and their present contract running for further four years; prices are firm, and under these circumstances seem likely to continue so; the imports during the eleven completed months of the year are 19,820 tons, value £89,662 (average per ton £4 10s 5d) as against 20,986 tons, value £99,516 (average per ton £4 14s 10d) during the corresponding period of 1900. In the china clay trade the past year has been good; production has proceeded without interferMONTREAL WHOLESALE PRICES CURRENT THURSDAY, JANUARY 28, 1902.

Name of Article.	Wholesale.
Chip Logwood. Indigo (Bengal) Indigo Madras. Gambier Madder Sumac. Tin Crystals.	1 80 1 88
Fish.	to B bases
Bloaters, per box Labrador Herrings, N.F. Herrings, Nova Scotia Mackerel No. 2, bris. "" ½ barrel. Green Cod. No. 1 Green " large No. 2 Large dry Gaspe per qnti. Salmon, bris Lab. Salmon, (half bwis) "Brit. Tol bris. Boneless Fish "Cod. Skinless Cod. case. N. S. Sak Herrings, in half-barrels Salt Whitefish. Loch Fyne Herrings, keg.	0 00 6 00 0 00 7 00 0 00 5 00 5 00 5 25 11 50 14 00 0 00 7 00 11 50 12 00 0 05 4 0 00 0 00 4 75 0 00 3 00
Winter Wheat patents. Manitoba patents. Straight roller. do bags. Strong Bakers. Superfine. Rolled Oats. Corn meal, bag. Bran bulk. Shorts. Moullie. Farm Products.	0 00 4 30 8 65 3 80 1 75 1 85 0 00 4 00 0 00 0 0 \$5 40 5 50 0 00 1 60 20 00 21 00
BUTTER; Choicest Cr Winter makes do Townships Dairy 2nd Grade " Western " Good to choice. Freeh Rolls	0 19 0 21 0 17 0 18 0 00 0 00 0 17 0 18 0 13 0 15



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

MONTREAL WHOLESALE PRICES CURRENT THURSDAY, JANUARY 23, 1902.

Name of Article.	Who lesale
Farm Products.—Con.	(3)
CHEESE:	\$ c. \$ c. 0 10. 0 101
Finest, Oct Eastern, do	0 10 0 101
Quebec	0 094 0 10
Rees : New shipped	0 27 0 30
Sel. fall	0 23 0 25
Straight fall.	0 20 0 25
Limed. Cold storage. Hops: N. Y. State, per b.	0 19 0 21 0 20 0 22
Cold storage	0 11 0 12
Pacific Coast,	0 14 0 14
Canadian "	0 124 0 19
German "	0 28 0 35
English Columbia	0 30 0 00 0 0 18 0 26
	0 18 0 20
Bacon, smoked, per b	0 14 0 15
Hams, city cured, "	0 184 0 144
Pork Ca. s.c. per bbl	20 50 21 00 21 00 22 50
Dressed Hogs light	8 50 8 75
ti theavy	8 25 8 40
Lard, per ib Can pure	0 114 0 113
Hos Products: Bacon, smoked, per b Hams, city cured, '- Pork Ca. s.c. per bbl. do mess Dressed Hogs, light '- Lard, per b Can pure. "Com. Refined	0 071 0 08
M44.00.100.100.100.100.100.100.100.100.10	0 80 0 95
Potatoes, per pag	0 10 0 114
Potatoes, per bag	0 061 0 081
Beeswax	0 25 0 30
Beaswax BEANS: prime	1 30 1 40 0 00 1 45
do. Dest nand-blowed	0 00 1 40
Groceries.	CONTRACTOR OF THE PARTY OF THE
Canned Goods:	
Lobsters, %s to 1 lb	1 75 3 25
Lobsters, %s to 1 lb	7 00 17 00 3 75 4 00
Mackerel Salmon, 4 doz. case Clams, 1-lb tins, per Oysters "	1 00 1 10
Salmon, 4 doz. case	8 60 5 00
Clams, 1-lb tins, per	0 90 1 00
Oysters Tomatoes, 3s. per doz. Peaches, 2-lb. 3-lb. Pears, 2-lb. tins, per doz. Stawbarries. Pree'd 2s.	1 15 1 40 0 87 0 95
Peaches, 2-lb	1 65 1 80
16 3-Ib	2 25 2 50
Pears, 2-1b. tins, per doz	1 50 1 60
Parherries 28.	1 45 1 60
Pineapples, 3-lb tin, p.doz	2 30 2 40
Pears, 2-10, time, per doz Strawberries, Pres'd 2s. Raspberries 2s. Pineapples, 3-1b tin, p. doz Gooseberries Pres, 2s. Gr'nGages, 2-1b tins, p. d	0 00 1 50
Gr'nGages, 2-10. uns, p. d	1 30 1 50 1 00 1 10
Corn 2 lb. ting.	0 80 0 85
Blue Plums, 2 lbs Corn, 2 lb. tins. Pess, 2-lb tins.	0 824 0 90
String Beans	0 80 0 85
Sugars: Factory. Ex Granulated, brls	0 00 3 90
	0 00 8 85
Fr Gronnd, in Dris	0 00 4 65
	0 00 4 85
Powdered, in brisboxes	0 00 4 40 0 00 4 55
Paris Lumps, in bris	0 00 4 65
66 " DELL DELB	0 00 4 75
44 44 100-lb bxs	0 00 4 65
44 50-1b bxs	0 00 4 75
Branded Yellows	3 45 8 79

ence, and has moved off regularly at good prices; for the present year some good business has been done, and further enquiries are coming to hand, and altogether the outloook is satisfactory. Phosphates of lime have not been moving well; supplies have exceeded demand with the inevitable result of a decline in values; prices are, however, latterly steadier but little business has been passing. Chrome ore has been moving well, and values fully mainained; there are now more buyers of this mineral, and good quality especially has a ready market. In ochres the event of the year has been the union of the French producers, with the result of a considerable advance in values, previous prices having been cut too low through excessive competition. Carbonate of barytes has been in good demand and supplies have at times been difficult to obtain.

Sundries.—All qualities of wood pulp have fallen in value during the past year, the drop varying from 10s to 40s per ton, according to quality. Many paper makers, however, unforprices having dropped considerably through sales being forced. American pearl starch fell to below £7 a few months ago, but has advanced tunately contracted early, in the hope of good trade continuing, and, having been disappointed in these hopes, now find themselves with considerable stocks of pulp at high figures. Castor oil has fallen steadily to the extent of some £4 to £6 per ton, and continues to drop. Linseed oil has fluctuated considerably between £18 to £22 15s. and is now firm at £21 2s 6d., American turpentine has varied between £29 10s and £26 10s, and is at present steady at £28 10s. Russian turpentine has an increasing demand, and has recently advanced some £2 per ton. Farina has disappointed many

MONTREAL WHOL CSALE PRICES CURRENT. THURSDAY, JANUARY 23, 1902.

Wholesale

Name of Article.

Name of Article.	W notesate
Wolseges (Rayhedos)	\$ · \$ c
Molasses (Barbados)	0 28 0 29 0 814 0 824
Evaporated Apples,	0 09 0 10
Raisins:	
Sultanas	0 09 0 12
Loose Musc. Malaga	0 084 0 10
Sultanas. Loose Musc. Malaga. Layers, London. Con. Cluster.	0 00 1 50
Extra Desgert	0 (0 2 75
Royal Bucking'm	0 00 3 28
" Selected "	0 05 0 06
Extra Dessert. Royal Bucking'm Valencia	0 061 0 07
Currents, Provincials	0 00 0 05
Patras 66	0 00 0 06
Vostizzas	0 00 0 07
do French	0 07 0 094
Figs in bags	0 04 0 05 0 00 00
new layers	0 08 0 13
Spices Canala meta	0 00 1 70
Macechests	0 12 0 15 0 90 1 20
Cloves	C 15 0 16
"Leyers "Currants, Provincials "Filiatras "Vostizzas "V	0 35 1 00
" " unbl. "	0 08 0 15 0 07 0 14
African " 28 "	0 08 0 10
Pannar Black	0 10 0 12 0 17 0 19
White	0 17 0 19 0 25 0 27
Mustard, 4 lb W jar, Eng.	0 72 0 75
Cloves	0 28 0 254
" standard B	0 00 3 00 0 00 3 10
" Patna \$ 100 lb	4 124 4 624
" Burmah "	4 00 4 10
" Carolina W 100 h	5 00 5 10 6 60 7 60
Pot Barley, bag 98 lbs	0 00 2 20
Tenioce Pearl	0 03 0 05
Carolina 100 mb Pot Barley, bag 98 lbs Pearl "per lb. Taploca, Pearl "Flake" Gelatine, 1 qt pk"	0 00 0 06
Gelatine, 1 qt pk "	1 10 0 00
" 14 qt pk "	1 75 0 00
Vinegar: less 10 n c dis	
	0 33 0 00
Crystal Pickling	0 28 0 00
Cote D'or. Crystal Pickling W. W. XXX W. W. XX W. W. X	0 28 0 00 0 25 0 00
W. W. XX	0 20 0 00
W. W. X Pure Malt	0 17 0 00
	0 45 0 00
" XXX	0 27 0 00
THE RESERVE TO SERVE THE PARTY OF THE PARTY	
Hardware.	
Antimony. Tin. Block,L&F, W D "Straits. " Straits. "	0 094 0 10
Straits "	0 00 0 80
" Strip "	0 00 0 00
Copper: Ingot	0 00 0 00
Straits. " Striper: Ingot" COPPER: Ingot" CUT NAIL SCHEDULE. Base Price, per Keg, car lots	9 974 0 00
Less quantity	2 35 0 00
Extras—Over and above 30d,	- 44 5 44
and ond ond sad and plesse	

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(Cuts will be inserted as soon as made.)

MONTREALWHOLESALE PRICES CURRENT. THURSDAY, JANUARY 23, 1902.

HardwareCon.	Name of Article.	Wholesale.
Cut and Fence Nails— 16 and 20d Hot Cut, per 100 lbs		THE RESERVE
16 and 20d Hot Cut, per 100 lbs.		
and 9d " 040 000 000 000 000 000 000 000 000 0		
and 9d """ 0 30 0 00 and 5d """ 0 65 0 00 3d """ 0 65 0 00 2d """ 1 00 0 00 2d """ 1 00 0 00 2d """ 1 50 0 00 Cut spikes 10c, per Keg advance. Fine blued nails— 1 50 0 00 3d """ 1 50 0 00 Casing. Box, Tobacoo Box and Flooring Nails— 30 to 30a per 100 lbs. 0 65 0 00 3 and 9d """ 0 65 0 00 4 and 7d """ 0 70 0 00 4 and 7d """ 0 95 0 00 4 and 24 """ 0 95 0 00 24 and 24 """ 0 70 0 00 25 and 24 """ 0 70 0 00 26 and 24 """ 1 20 0 00 27 and 12 """ 1 20 0 00 28 and 12 """ 1 20 0 00 29 and 24 """ 1 20 0 00 10 and 12 """ 1 20 0 00 1 and 12 """ <td>** and 194 46</td> <td>0 40</td>	** and 194 46	0 40
and 5d " " 0 65 0 00 2d " 1 00 0 00 Cut spikes 10c, per Keg advance. Fine blued nails— 2d per 1001bs 1 50 0 00 Casing. Box, Tobacco Box and Flooring Nails— 20 to 30d per 100 lbs 0 66 0 00 8 and 9d 0 0 65 0 00 4 to 5d 0 0 0 00 1 50 0 0 0 00 1 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
## 1 00 0 00 00 00 00 00 00 00 00 00 00 00	and 7d	0 00 0
Cut spikes 10c, per Keg advance. Vance. Ine blued nails— 2d per 1001bs	30 " " " "	0 65 0 00
Vance. Vance. 2d per 1001bs	40 44 44	1 00 0 00
Pine blued nails		
Casing. Box, Tobacco Box and Flooring Nails— 30 to 30d per 100 lbs	Pine blank	
Casing. Box, Tobacco Box and Flooring Nails— 20 to 30d per 100 lbs	2d per 1001bg	
## A COFING Nails— *** 1.00 to 30d per 100 lbs.** *** 0 to 30d per 100 lbs.** *** 0 to 30d per 100 lbs.** *** 0 to 30d per 100 lbs.** *** 1 20 0 00 **		1 50 0 00
## A COFING Nails— *** 1.00 to 30d per 100 lbs.** *** 0 to 30d per 100 lbs.** *** 0 to 30d per 100 lbs.** *** 0 to 30d per 100 lbs.** *** 1 20 0 00 **	Casing. Box, Tobacco Box and	
\$ and 9d	20 to 200 Nails	0 55 0 00
and 9d	10 to 16d per 100 lbs	0 60 0 00
# to 5d		0 00
1 20 0 00	and 7d "	0 00
Finishing nails— inch and longer per 100 lbs. 0 60 0 00 2% and 2% inch 0 77 0 00 1% and 1% 1 20 0 00 1% and 1% 1 1 20 0 00 1% and 1% inch per 100 lbs. 0 95 0 00 1% 1 1 20 0 00 1% 1 1 20 0 00 1% 1 1 20 0 00 1% 1 1 20 0 00 1% 1 1 20 0 00 1% 1 1 20 0 00 1% 1 1 20 0 00 1% 1 1 20 0 00 1% 1 1 20 0 00 1% 1 1 20 0 00 1% 1 1 20 0 00 1% and 2% inch 0 65 0 00 1% and 2% inch 0 95 0 00 1% and 2% inch 0 95 0 00 1% and 1% 1 1 20 0 00 1% Sharp and flat pressed nails 1 inch and longer per 100 lbs. 1 35 0 00 8% and 2% and 100 per per 100 lbs. 1 35 0 00	80	0 00 00
## and 2% inch. " 065 0 00 Mand 2% inch. " 070 0 00 Mand 2% " " 070 0 00 Mand 1% " " 120 0 00 Mand 1% " " 150 0 00 Mand 1% inch per 100 lbs. 095 0 00 Mand 1% inch per 100 lbs. 100 00 Mand 2% inch	#Iniahima = att	
and 2%	inch and longer per 100 lbs	
1	2% and 2% inch "	0 00 00
Slating nails	ly and las	0 95 0 00
Slating nails	134 " " "	1 20 0 00
1		1 50 0 00
1 20 0 00 1 50 0 00		0 95 0 00
Common barrel nails— 1 00 0 00 1 inch per 100 lbs	117 The Late Inch Der 100 IDB.	1 20 0 00
1 00 0 0 0 0	1	1 50 0 00
1 00 0 0 0 0	lk imon barrel nails—	1 00 0 00
1 25 0 00	1 -on ber 100 108	1 00 0 00
Clinch nails— \$\frac{1}{4}\text{ inch and longer per 100 lbs}. 0 \text{ 06 0 0 00} \\ 2\text{ and 2\text{ inch}} \text{ " 0 \text{ 07 0 00} \\ 2\text{ and 2\text{ inch}} \text{ " 0 \text{ 095 0 00} \\ 1\text{ 1 00 000} \text{ 120 0 000} \\ 1 1 1 \text{ " 1 \t	46	1 25 0 00
2. and 2% inch " 0 65 0 00 2. and 2% inch " 0 70 0 00 1. and 2% inch " 120 0 00 1. and 1% " 150 0 00 1. and 1% " 150 0 00 1. and 1% " 150 0 00 2. and 1% " 150 0 00 2. and 2% and 1% " 150 0 00		1 50 0 00
and 2% inch " 070 0 00 1	inch nails—	0.60 0.00
and 2% inch " 070 0 00 1	and longer per 100 lbs	0 65 0 00
Sharp and flat pressed nails 1 150 000 Sharp and flat pressed nails 1 150 000 1 150 000	Z and anon	0 70 0 00
Sharp and flat pressed nails 1 35 0 00 24 and longer per 100 lbs. 1 50 0 00	20 and 1% 16 16	0 00 00
Sharp and flat pressed nails 3 inch and longer per 100 lbs 1 50 0 00	1 " "	1 00 00
1 KO 0 00		10 53 PK
and 24 inch " 1 50 0 00	inch and longer per 100 lbs.	4 00 - 00
		A 00 00
2 and 24 inch 1 65 0 00 1 1 85 0 00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14 and 12 " "	1 85 0 00
1% and 1% " " 185 0 000	1%	2 50 0 00
4 000 0 00	Cott on " " "	0 00 00
Cott Chain—No. 5	Unain-No. 8	0 200
		0 094 0 00
0 09 0 00	4 8	0 09 0 00
% inch 0 071 0 00	¼ inch	0 011 - 00
5-16	5-16	1 00 0 00
% · · · · · · · · · · · · · · · · · · ·	***************************************	4 00 0 500
7-16	1.10	of the same

many during the last few months, to fully £9 10s, and is very firm in full sympathy with the maize market.

LUSTREING WOOL.

There is a great difference in lustre between the different kinds of natural wool, and the finisher is often called to produce a high degree of lustre on wool which is naturally inferior in this respect. The differences are difficult to specify but an experienced hand can generally tell whether the lustre is natural or acquired. In general, fine Silesian and Saxony wools, and wools from Sydney and Port Philip, have a better lustre, and hence are more suitable for lustred goods than South American or other wools, especially wether wool. This wool is the most troublesome of all for the finisher, on account of its ob-We often hear a stinate character. buyer (says a writer in the Boston Journal of Commerce), after examining a piece of cloth, say: "The material is not so bad, and the finishing has been carefully done, but it is a pity that there is some wether wool in it. However much the wool is carded, shorn, brushed, and hot pressed, the hair will stick up again sooner or later, and spoil the effect of the finishing." As the effect depends upon the hairs lying flat and parallel, as well as upon the individual lustre, of the separate fibres, hairs sticking up in any quantity quite spoil the general appearance of the fabric. The only remedy is thorough soaking in MONTREAL WHOLESALE PRICES CURRENT THURSDAY, JANUARY 23, 1902.

Name of Article.	Whol	esale
Ooil Chain—No. 1/4	3 85 3 75 3 65 3 76 3 60	0 00 0 00 0 00 0 00 0 00
Galvanized Stanles—	3 60 3 50	0 00
100 lb. box, 1½ to 1½ Bright, 1½ to 1½ Galvanized Iron: Queen's Head,)	3 25	0 00
Queen's Head, or equal gauge 28	4 50 4 25	4 75
No. 2 and larger No. 1 and smaller	0 00	8 50 8 75
Bar Iron, per 100 lbs. Car lots	1 90	1 95
	0 00	0 00
Norway, base Am. Sh. St'l, 6 ft. x 2 ft., 18	0 00	2 70
	0 00	2 95
24	0 00	8 10
20	0 00	8 20
Boiler plates, iron. 4 in	0 00	8 45 2 10
Boiler plates, iron, 1/4 in	0 00	2 10
Rand Canadian) to 5 to 20	0 00	2 90
base of ordinary iron, smaller size Extras. Canada Plates:	ATTE	
Full Polish.	-	
Old, or billoub sesses sesses	2 75	
	2 80	
	2 85	
Black Iron pipe, 1 in 1 in	2 72	
% In	0 00	
% in	3 20	
120 111	REA	
per 100 ft. nett.	10 40	
Steel, cast p.lb., Blk Diam'd	0 08	base
Tire.	2 75	0 00
per 100 ft. nett. Steel, cast p.lb., Blk Diam'd. Spring, 100 lbs. Tre, Sligh shoe, 100 lbs. Toe Calk.	2 20	base
TOO CRIE	1 0 BU	Dabt
Machinery. Harrow Tooth		base
TOTO TOTOTES.		
IC Coke, 14 x 20	4 50	
IC Charcoal, 14 x 20		
IXY "	6 75	

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Globe Iron Works,

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70,000

I. H P. Supplied for Electrical Purposes alone.

MONTREAL WHOLESALE PRICES CURRENT. THURSDAY, JANUARY 23, 1902.

Name of Article.	Wholesale
Terne Plate IC, 20x28. Russ. Sheet Iron. Lion & Crown tin'd sh'ts. 22 and 24 guage case lots.	0 00 7 50
26 guage. Lead: Pig, per 100 lbs; Sheet, Shot, 100 lb., less 17½ p c. Lead Pipe, per 100 lbs.	1 0 00 0 047
Zinc: Spelter, per 100 lbs	0 00 4 75 5 75 6 00
Black Sheet Iron. Per 100 lbs. 8 to 16 guage	2 65 0 00
18 to 20 do	2 50 0 00 2 65 0 00 2 80 0 00 2 85 0 00
Plain galv'd, No. 5	3 95 0 00 3 45 0 00 2 80 0 00 3 55 0 00
do do No. 19 do do No. 10. do do No. 11. do do No. 12. do do No. 13. do do No. 14. do do No. 15.	3 65 0 00 2 95 0 00 8 05 0 00 4 05 0 00 4 55 0 00
Barbed Wire— Spring Wire per 100, 1.00	4 80 0 00 8 00 f.o.b. Montreal,
Iron and Steel Wire pl'n 6 to 9	2 80 base.
Rope.	
Sisal, base	0 00 0 12 0 12
" 5-16 " " " " " " " " " " " " " " " " " " "	0 12 0 12 0 12 0 13 0 13
17 % 17 17 17 17 17 17 17 17 17 17 17 17 17	0 151 0 16 0 164
" 3-16 "	0 161 0 172 0 11
Wire Nails.	S State S
Less than "	2 50 2 55 1 00
3d " 4d and 5d "	1 00 0 65 0 40 0 30
ou shu au	0 15 0 10

Building Paper.

water, leaving the wet goods folded up for a long time, and hot pressing. All these operations also increase the natural lustre of the fibre.

We proceed to treat in detail of the treatment of the more refractory kinds of wool. The first thing to look to is cleanliness and absolute freedom of the wool from all grease, residues of soap and alkali, and colouring matters. These foreign bodies, especially any excess of alkali remaining in the wool from the scouring process, make the hair stiff and hard, and incapable of lying down properly, and also diminish the lustre of the fibres singly. Any soap or alkali in the wool is best removed with fullers' earth. It is important that the soaping, which comes next, should be thorough and prolonged. During the roughing to separate the hairs, so that the subsequent brushing may lay them down in parallel ranks, the wool must be kept wet. The carding helps the lustre of the fibres and gives them a preliminary parallel arrangement side by side. The carding is begun with old blunt cards, and the wool must not be so wet for them, as it must be later, when sharper cards are used. This graduating of the wetness of the wool during the successive carding operations conduces to that production of a close surface layer which is so important for the lustre.

To fix the lie of the hair and the lustre, wet hot pressing is resorted to, preceded by a steeping in boiling water to remove all dirt which may have got in during the carding operation, and also to remove dirt which the pervious cleaning operations, carried out while the fibre was still matted together, were unable to reach. The wet hot pressing over, the goods are carefully brushed and should then be perfectly clean, and show as good a lustre as the nature of the material will-permit of.

MONTREAL WHOLESALE PRICES CURRENT: THURSDAY, JANUARY 28, 1902.

Name of Article	Wholesale.
Hides and Tallow.	100 50
Montreal Green Hides	G. EVE
No.1	0 07 0 00
" No. 2	0 07 0 00 0 00 0 00
16 No. 2	0 05 0 00
"Solution of the second of the	
Citing Clins	0 00 0 00:
Lambakins each	0 00 0 00
Calfskins, No. 1	0 00 0 65
Cilps Lambskins each Calfskins, No. 1	0 00 0 07
Horse hides	1 50 2 00
Leather	
Leatner	12 12
No. 1 B. A. Sole	0 27 0 28
No. 2B. A. Sole	0 25 0 26
No. 1 B. A. Sote. No. 2 B. A. Sole. No. 3 B. A. Spanish Sole Slaughter. No. 1. light medium & heavy. No. 2. Harness.	0 24 0 25
light medium & heavy	0 28 0 29
No. 2	
Harness. Upper, heavy. Upper, light. Grained Upper Scotch Grain. Kip Skins, French. English. Canada Kip Hemlock Calf. '' Light. French Calf. Splits, light and medium. heavy.	0 26 0 32
Upper, heavy	0 34 0 36
Oper, light	0 85 0 87
Scotch Grain	0 34 0 35
Kip Skins, French	0 35 0 38 0 66
English	0 60 0 65 0 45 0 55
Canada Kip	0 50 0 60
Hemlock Calf	0 50 0 70
French Celf	0 50 0 60
Splits, light and medium	0 85 1 10 0 22 0 25
heavy	0 22 0 25 0 17 0 20
spitts, fight and medium. 't heavy. 't small Leather Board, Canada. Enameled Cow, per ft. Pebble Grain	0 18 0 20
Leather Board, Canada	0 06 0 10
Pebble Grain	0 16 0 18
Glove Grain	0 12 0 14 0 12 0 18
B. Calf	0 18 0 90
Brush (Cow) Kid	0 11 0 18
Buff	0 13 0 10
Russetts, ugnt	0 35 0 40
Enameled Cow, per ft. Pebble Grain Glove Grain B. Cair Brush (Cow) Kid Buff Russetts, light. "heavy No. 2 "Saddlers' doz.	0 25 0 30 0 35 0 40
No. 2 Saddlers' doz Imt. French Cair English Oak Ib Dongols avtra	7 50 9 00
Imt. French Calf	0 65 0 75
Dongola overs	0 30) 85
55 TT-	0 38 0 42
No. 1	0 20 0 22 0 14 0 16
" Ordinary Colored Pebbles Calf	0 13 0 16
" Calf	0 16 0 22
Olls	
Cod On	0 35 0 40
S. R. Pale Seal	0 50 0 55
Cod Oil	0 40 0 50
	The Contract of the Contract o
" Process." Castor Oil. Castor Oil bris. Lard Oil, Extra. Linseed, raw, nett " boiled, nett Olive, pure. Extra, qt., per case. Turpentine, nett	0 85 1 90 0 95 1 10
Castor Oil	0 95 1 10 0 094 0 10
Castor Oil bris	0 00 0 004
Lard OII, Extra	0 75 0 85
Linseed, raw, nett	0 65 0 75
boiled, nett	0 74 0 75 0 77 0 78
Olive, pure	0 77 0 78
Extra, qt., per case.	1 05 1 15 0 00 8 70
Petroleum:	0 64 0 65
Benzine	0.00 0.00
Gasoline	0 20 0 80
Benzine	0 19 0 20 0 144 0 154
A	o val o vol
A ROSE OF THE RESERVE OF THE PERSON OF THE P	



MONTREAL WHOLESALE PR CE CURRENT THURSDAY, JANUARY 23, 1902.

r

S

Name of Article.	Wholesale.
Imperial Acme	\$ c. \$ c 0 16 0 17 0 18 0 19 0 19 0 20
Glass.	
Onited inches,00 to 25	0 00 2 10 0 00 2 20
do 25 to 40	0 00 2 20 0 00 4 70
do 41 to 50	0 00 4 95
Paints, &c.	
do No. 1	0 00 5 87½ 0 00 5 50 0 00 5 12½
do No. 3	0 00 4 75
do No. 4	0 00 4 62 1 5 50 5 50
qo No. 3 do No. 4 White Lead dry. Red Lead Yenetian Red Eng'h Yel. Ochre, French. Whiting, ordinary.	5 00 5 50
Venetian Red Eng'h	1 75 2 00 1 50 3 25
Whiting and the TV	0 45 0 50
do Gilders	0 80 0 70
whiting, ordinary. do Gilders. do Paris, English Cement, cask Belgian do German do	0 85 1 00 2 25 2 35
Belgian do	1 70 1 95
Belgian do German do American do Piro Hatara por 1000	2 30 2 50 2 25 2 50
Fire Bricks per 1000	1 50 1 75 2 75 4 50
Rosin	Endo I ikk
Domestic Broken Sheet	18 0 15
French Casks	0 00 0 14
American White, bris	0 20 0 26
Coopers' Glue	0 04 0 74
Golden Ochre Brunswick Green	0 04 0 10
French Imperial Green	0 00 0 95
Senuine Quicksilver	0 65 0 70
a do do	0 75 1 00 0 60 0 75
Black Japan	0 50 0 75
Orange Shellac, No. 1	0 50 0 75 2 00 2 25 2 26 2 75
Henuine Quicksilver. No.1 Furnit'e Varn'h, pr.gl. Zown Japan Black Japan Orange Shellac, No. 1 do do Pure White do	2 75 3 00
White do Putty Bulk 100 lb. brl Parisgreen in drum 1 lb pk.	0 00 2 00 0 18 0 19
Parisgreen in drum 1 lb pk	0 108 0 208
Wool.	MARCH 16
Canadian Washed	
North Wast	0 12 0 . 0 13 0 10 0 08 0 00
Unwashed.	0 00 0 00
do super	0 00 0 00 00 00 00 00 00 00 00 00 00 00
B. A. Scoured	0 25 0 33
N. A. Scoured	0 16 0 16
Cape, greasy.	0 114 0 13
Australian greasy	0 16 0 20
Acceptange Accept	

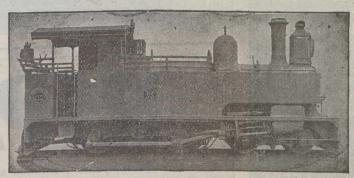
Decatising is, on the whole, the best method of lustreing. The goods, first well brushed while wet, are treated on a hollow perforated roller alternately with steam and hot and cold water, these being admitted to the inside of the roller and passing out through the fabric, the goods being well cov-

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.



"PIONEER" GOLDEN FLAKE CAVENDISH TOBACCO.

MADE IN LIVERPOOL, ENGLAND.

TRADE PRICE:

1/2 lb. tins\$1.5	90
1/2 lb. tins	25
1/2 lb. package	30
1-16 lb. package\$1.5	30
Per 1b.	

"Order direct or through your jobber."

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

Special prices to Canadians under the new Tariff.



England

ered up on the roller during the pro-The steaming lasts from four to five minutes after the steam begins to appear outside, and the lustre is then fixed by forcing cold water into the roller until it appears on the outside of the coverings. If necessary, the whole series of operations can be repeated. The great precaution to be observed is not to use the steam too hot-that is, at too high a pressure. From 15 to 22 lb. pressure should never be exceeded. Again, its action must not be too prolonged, or the fabric will become less durable. roller slowly rotates during the whole of the operation.

There are machines in which hot water is used in decatising, as well as cold water and steam. They are usually provided with an injector, by means of which water can be forced in at any desired temperature. An improved machine of this type has two separate chambers, each containing a decatising roller. Hence, when one is in action goods can be put into the other. The water is received after passing through and forced back



RI-PANS

For several years I suffered about once a week with a nervous headache which unfitted me for work. A few months ago I was presented with one dozen of the five-cent cartons of Ripans Tabules, and after learning their harmless formula I took three a day for a few days. I found that after using them my headaches did not recur so frequently as before, and that when the dull, drawing pain that presaged an attack appeared, one Tabule invariably allayed it.

At Druggists.

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

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

Donovan & Co., Ltd.,

Successors to

J. S. LEACH & Co., Ltd.

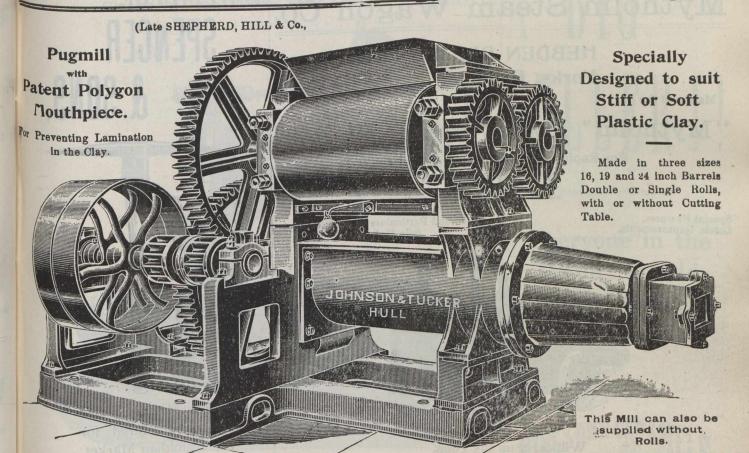
Engineers, Tin and Copper Smiths.

Designers of Special Machinery.

Broughton Bridge Iron Works, SALFORD, MANCHESTER. ENGLAND.

Johnson & Tucker

Wilmington, Hull, England.



again until the process is over. Experience has shown that the effect is improved by using the same water again and again, as it is constantly getting softer by the action of the steam upon it.

The decatising finished, the pieces are brushed and either lapped on rollers, or left folded up from 24 to 36 hours before being dried. In the latter case they are reversed several times, the top of the pile being made the bottom, so as to distribute the moisture evenly. If put on rollers these must be horizontal and must be turned occasionally, with the same object. At first the rollers must be turned rather often, for if the upper part is allowed to get too dry the water will no longer spread uniformly. With regard to the subsequent drying it must be noted that the harder the stuff is to lustre the sharper it must be dried—that is, the higher the drying temperature must be. The handle certainly become a little stiffer, but the wool keeps its lustre much bet-

The final pressing is preceded by shearing, but the usual brushing with steam is best omitted, as it partly removes the lustre. The shearing must not be done too close, or the lustre will suffer. The pressing is done with hydraulic presses, to get the pressure necessary for an intense and durable lustre; the pieces must go into the presses neither too dry nor yet while still warm, if the lustre is to be satisfactory. If necessary the pieces, after drying, must be allowed to absorb

moisture from the air in a cool place. or, if there is no time for that, they must be sprinkled with water. The press-plates must be well heated, which is best done by electricity.

The pressed pieces must be decatised at once, or they will lose part of their lustre. They are rolled as lightly as possible on the hollow rollers, and the steaming (at a pressure of 22 lb. to 28 lb.), may last from one to one and a half or even two hours. The goods must not be removed from the rollers till quite cold, and are then rinsed for at least an hour with clean water, to restore the soft handle. It is a mistake to suppose that the durability of the lustre is enhanced by shortening the rinsing period. The only result of doing so is a stiff feel and an inferior lustre. goods are next left folded wet for a day or two and dried. The shrinking may be done on rollers under sharp pressure or in a special machine, which leaves the goods softer than if shrunk on the rollers. The soft feel, however, is restored by the final cold pressing, which is indispensable in any

WOOL PRODUCTION AND MANU-FACTURES.

M. Henri Pupin has recently published an article in the Desbats (Paris) under the above title, which contains matter of interest to the wool trade. After deducting from statistics of late

years that the production in woolraising countries such as the Argentine Republic and Australia is sensibly declining, M. Pupin states that the price of wool is less influenced by this decrease than by the respective rank of fine qualities and crossbred varieties. He says: "Now, more than ever, the line is drawn between the two kinds, so different in their origin in mode of manufacture, and final use. The dominant note in the history of wool has been the rising demand, during a period of three consecutive years, for fine grades, in face of steadily decreasing production. The reasons for this decrease have long been known. After the low prices paid in in 1894 and 1895, stock growers limited their production of fine grades and gave attention to common breeds, which were more remunerative. Cheviots at that date being in as great demand as merinoes, they found greater advantage in raising breeds that served as food, were more hardy and more prolific. more prolific. Since then, if the flocks did not increase in numbers, the yield in fine wool necessarily became less, as the merino sheep gives birth to but one lamb yearly, while the crossbreds produce two during the same period. This explains the dearth of fine wools to-day; the taste for fine grades seems so firmly established that only the best crossbred wools find a market. It is not likely that there will be a great increase in merino sheep in the near future, as at least eight years of crossing the breed are necessary to re-establish Telegrams: -MYTHOLM MILL, Hebden Bridge, England.

LIEBERS CODLUSED.

Mytholm Steam Wagon Co.

HEBDEN BRIDGE, Yorks, England,

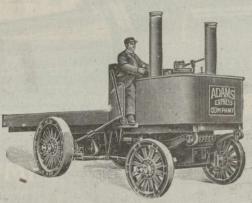
Makers of the

"Mytholm" Patent Steam Wagon,

For Rapid and Economical Transport of Heavy Goods.

Special Féatures. Latest Improvements.

Prices and Particulars on Application to Sole Makers.



Will carry up to5 Tons.

D. & S. Electrical Accessories

TUMBLER . SWITCHES

All Porcelain and Metal No Fibre or Ebonite Used. Long Break and Clearance.

THE BEST

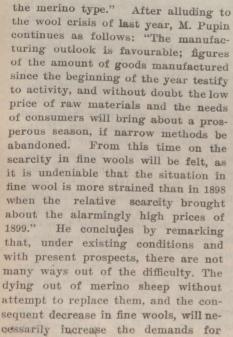
DORMAN & SMITH.

Head Office and Works:

Ordsal Electrical Works, - SALFORD, Eng.

London Office: 94, Charing Cross Road, London, W.C., also at 56, Margaret St., Sydney.

at present.



OFF.

high grades until impossible prices

will turn popular attention to com-

mon grades, for which there is no call

A HOLE 4,800 FEET DEEP.

A borehole which was begun in January, 1899, with a Sullivan diamond drill, near Johannesburg, South Africa, was recently completed successfully, says Mining and Minerals.

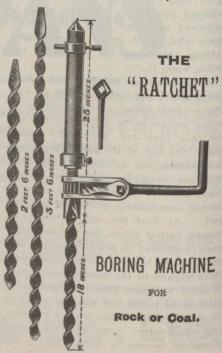
The drill hole on the Turf Club Grounds, which is nearly two miles from the outcrop of the main roof.

The drill hole on the Turf Club Grounds, which is nearly two miles from the outcrop of the main reef, struck the main reef at 4,800 feet or within 25 feet of the depth at which it was expected formation would be struck. A curious feature in connection with the sinking of this bore hole

MATTHIAS, SPENCER & SONS,



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



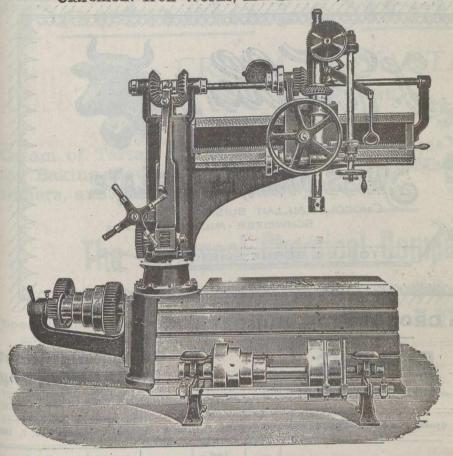
Ratchet Handle charged extra.

Albion Steel Works,

SHEFFIELD, ENGLAND

GEORGE SWIF

Claremont Iron Works, HALIFAX, ENGLAND.



IMPROVED 5-FT. RADIAL DRILLING AND TAPPING MACHINE

Machine Tools of every Description.

Drilling Machines Speciality.

was the fact that the rods were left in the hole for 20 months while hostilities were going on. The details of the work when it was renewed are best given in the following quotations from the report of the engineers, which is as follows: "Having completed all our preparations, we started to withdraw the rods on Sunday morning, May 26, at 9.10 a.m. full pressure of steam at our disposal was applied, and as the rods took the strain, it was a moment of great anxiety to the onlookers, and we held our breath in suspense, as it was seen the rods had not moved an inch, next moment, however, to our great relief and delight, they gradually and evenly slipped outwards, and so continued to lift, without a hitch, throughout the day, so that at knocking-off time we had pulled 1,850 feet. Work was resumed at daylight on the following Monday morning, and we are happy to inform you that by 10 a.m. on that day all the rods were safely out of the hole.

The nature of the ground passed through was fairly favorable and the regular Rand formation.

Brazilian carbons, which to-day are worth about £9 per carat or about four times the value of ordinary diamonds, were used in the drilling.

The weight of the rods which carried out this operation was about 16 tons. To prevent such an enormous Weight pressing to heavily on the carbons whilst drilling the rods were suspended on a hydraulic cylinder, which allowed the rods to descend as desired; in fact, the enormous pressure of the rods could have been run at a weight sufficient to tickle one's hand if necessary.

WHEAT OF THE ARGENTINE RE-PUBLIC.

Three great economic developments have taken place in Argentina during the last few years which are largely responsible for the increase of its wealth. The first is the enormous increase in the cultivation and export It is difficult to believe that twenty years ago the country did not produce enough of this cereal for its own consumption, and that it actually imported in 1880 177,000 tons. In 1893 it exported 1,000,000 tons, and in 1899 2,273,000 tons, and the cultivation now extends to 8,500,000 acres. It is estimated that at least twenty times this area is suitable for the cultivation of wheat. The second is the great extension of the valuable alfalfa grass, or lucerne. The value of this product has only been generally recognized during the last twelve or fifteen years. It has been found that where there is water from five to ten metres below the surface, as is the Special prices to Canadians under the case over very large areas of the

Everyone in the Trade should stock them.







Manufactureo Solely by The

Lancashire Steam Confectionery Co.,

LIVERPOOL. England.

new tariff.



Also in CROQUETTES, BUNDLES, &c.

MACLU

60 Victoria' Street, LIVERPOOL, Eng.

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



SEALED TENDERS addressed to the un-dersigned, and endorsed "Tender for Richibucto Breakwater extension and protec-Richibucto Breakwater extension and protection," will be received at this office until Saturday the 25th January, 1902, inclusively, for the construction of protection and an extension to the breakwater of Richibucto, Kent County, N.B., according to a plan and a specification to be seen at the offices of Geo. A. Day, Esq., Resident Engineer, St. John, N.B., and C. E. W. Dodwell, Esq., Resident Engineer, Halifax, N.S. on application to the Postmaster at Richibucto, N.B., and at the Department of Public Works, Ottawa.

Tenders will not be considered unless made

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

An accepted cheque on a chartered bank payable to the order of the Minister of Public Works, for two thousand and five hundred dollars (\$2,500.00), must accompany each tender. This cheque will be forfeited if the party decline the contract or fail to complete the work contracted for, and will be returned in case of non-

acceptance of tender.

The Department does not bind itself to accept the lowest or any tender
By Order,
FRED, GELINAS,

Secretary.

Department of Public Works, Ottawa, 3rd January, 1902.

Newspapers inserting this advertisement with-out authority from the Department will not be paid for it.

Provinces of Buenos Ayres and Cordoba, this plant sends down its roots -often as thick as one's arm-and STOCKS AND BONDS-INSURANCE COMPANIES-CANADIAN.-Montreal Quotations Jan. 7, 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 Canada Life Confederation Life	15,000 2,500 10,000 25,000 13,372	3%-6mos. 5-6mos. 7% 6mos. 5-6mos.	350 400 100 40 50	\$50 50 10 20 50	99%

BRITISH AND FOREIGH. -Quotations on the London Market, Dec 25, 1901. Market value p. p'd up sh.

Alliance Assur	250,000	8s. p.s.	20	2 1-5	91/2	10
Atlas	24,000	24 p.s.	50	6	\$27	£28
British and Foreign Marine		25	20	4	181/2	191/2
Caledonian	21,500	12s, p.s.	25	5	HEALT SAGE	36 7-1
Commercial U. Fire, Life and Marine. Guardian Fire and Life.		271	50	5 010	44	45
Imperial Fire	200,000	25	10 20	9	25/4	93/4
Lancashire Fire.	136,493	5	20	9	27 3½	28
Lion Fire	100,000	1 100	814	114	5/8	%
London and Lancashire Fire	85,100	22	25	21/4	171/2	18
London Assurance Corporation	35,862	20	25	1216	111/2	521/2
London & Lancashire Life	10,000	10	10	2	8	81/4
Liv. & Lon. & Globe Fire and Life	391,752	90	St.	2	44	45
Northern Fire and Life	30,000	*221	100	10	72	74
North Brit. & Merc. Fire and Life Norwich Union Fire	110,000	30s.p.s.	25	614	36	37
Phoenix Fire	11,000 58,776	*331/4	100 50	12	102	105
Royal Insurance Fire and Life	125,234	5834	20	9	#36 481/4	£37 491/4
Sun Fire.	240,000	8s 6d p. s.	10	10	10	101/4
Union	45,000	18 p.s.	10	4	12	14
It has been made built make the					1071	
THE RESERVE OF THE PARTY OF THE	1000 (000)	DEC SUBSTITUTE	DESTRUCTION OF THE	7 100 100 100 100		

*Excluding periodical cash bonus.

draws from it moisture, which makes the alfalfa independent to a great extent of rain on the surface. Under these favourable conditions the plant becomes perennial. Even after long drought it remains green. It produces four or five and often more full crops in the year. In the winter it dies down and another natural grass

takes its place, so that there is always A field in alfalfa carries four or five times more cattle and sheep than when in natural grass, and the cattle are double in weight. For the most part cattle and sheep, or even pigs, are turned into the alfalfa to feed and fatten upon it. In such a case a part of the great field is left

Telegrams:-"PUMPHREY, Glasgow."

Bridal & Banquet Sugars. SUGAR, MILLERS,

Crownpoint Road, - Glasgow, Scotland.

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

Icing and

> Special Prices to Canadians under the New Tariff.

Telegrams and Cablegrams: "POTASH."

Codes: A.B.C. 4th Edition. LIEBER'S, PRIVATE.

artaric & Citric Acid.

CREAM OF TARTAR.

SALTPETRE.

Cream of Tartar and Tartaric Acid Substitutes-Specially Manufactured for Baking Powder and Self-raising Flour Makers, Bakers and Confectioners, and Mineral Water Factories.

The Liverpool Chemical Company, Limited,

Specially made for the Canadian Market under the new Preferential Tariff.



too moist for cattle to lie on. They plant was inconsiderable. feed on the alfalfa and then repose on there were 1,500,000 acres of it, and in the dryer natural grass. Fifteen 1893 3,000,000 acres.

in the natural grass, as the alfalfa is years ago the area laid down with the

ARTIFICIAL INDIGO.

The reason that indigo produced chemically from coal tar is proving

TELEGRAMS: "LEEDHAM," LEEDS, ENG.

LEEDHAM & HEATON, Ltd..

Armley Road Works.

LEEDS, ENGLAND.

(Established at Kirkstall Forge, nr. Leeds, 1779).

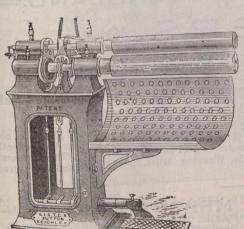
MANUFACTURERS

Spades, Shovels, Hammers, Picks, Wedges, Etc.



List of Prices on Application, Special Terms.

High Class LAUNDRY MACHINERY, Handor Steam Modern Power.

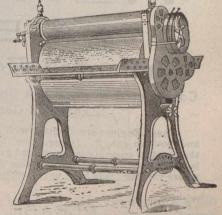


James Lister & Co.,

LAUNDRY ENGINEERS,

Lister Hill Works. SUTTON,

Near Keighley, ENG.



COLLAR AND CUFF IRONING OR POLISHING MACHINE. Made in sizes 12 to 30 inch rolls.

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

Hanson, Scott & Co., Limited.

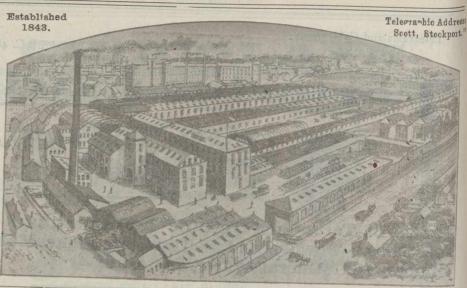
HEMP, FLAX AND JUTE SPINNERS,

Manufacturers of Hemp and Cotton Twines.

STOCKPORT, - ENGLAND.

so successful commercially is that it is pure indigo, the composition of which does not differ from the blue coloring matter derived from the Wool as well as cotton and silk can be dyed with it and any vat that may be used for vegetable indigo can be employed. Moreover, the resulting color cannot be distingiushed from that produced by the vegetable extraction. The method of using the artificial product does not differ in any respect from those in vogue with the natural indigo. Aside from the question of price the artificial product has an immense advantage in the fact that it is supplied in a pure form of guaranteed strength, while the natural indigo in the market may contain anywhere from 30 to 80 per cent. of coloring matter, depending upon the section of country where it is grown. Then, too, the artificial product is furnished in the form of a paste, ready for use, while on the other hand the natural dye has to be ground before using.

Though discovered in England the German chemical works are reaping the monetary reward of this discovery, as they are practically monopolizing the world's market. The secret of this success, as well as Germany's eminence in all chemical industries is to be traced to the employment of



Lifting Tackle

FOR ALL PURPOSES.

CRANES. SHEAVE BLOCKS. CRABS. PULLEY BLOCKS.

THE STEEL ROPE PULLEY-BLOCK CO.,

LIMITED.

Washford Road,

SHEFFIELD Eng.

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

* ENGINEERS &

Improved Horizontal Steam Engines (Class J.)

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

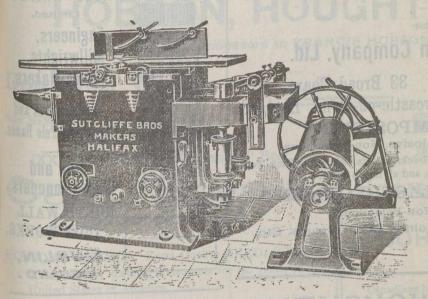
These Engines are all fitted with our patent automatic Cut-off under control of our patent high-speed Governor, giving a clear and positive cut-off. It regulates the Valve with great precision, and supplies the steam according to the varying load, effecting the greatest economy in steam, and great uniformity of speed. The working parts are easy of access throughout. This Apparatus where varying loads have to be contended with.

PLEASE INDENT THROUGH MERCHANTS

Telegrams: "LEES, HOLLINWOOD,"

Special estimates to Canadians under the new Preferential Tariff (Cut and description will be inserted next week.)

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



Combined 3-Sided and Planing out of Twist Machine

This is the most useful machine that a Joiner or Builder can have. It will plane wood perfectly true on the top tables, or will rabbet, beyel, fectly 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 placed face downwards on the bottom table, and planed on the other three sides, absolutely true and square. The rate of feed can be altered from 10, 17 to 24 feet per minute, and a cut 3% 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 KNIVE3 fixed on the twist to give a shearing cut. The upright spindles are of forged steel, and are adjustable across the width of the machine: Countershaft included with machine, and knives on all spindles ready for work. This machine will do more work per hour, and better work, than 20 good men.

Special prices to Canadians under the new Tariff.

scientific skilled labour. The German schools foster the teaching of the the German technical sciences, and manufactories employ the highest

ort.

grade skill obtainable. that a single German factory at Ludwigshafen, in Baden, employs a larger force of technical chemists than are

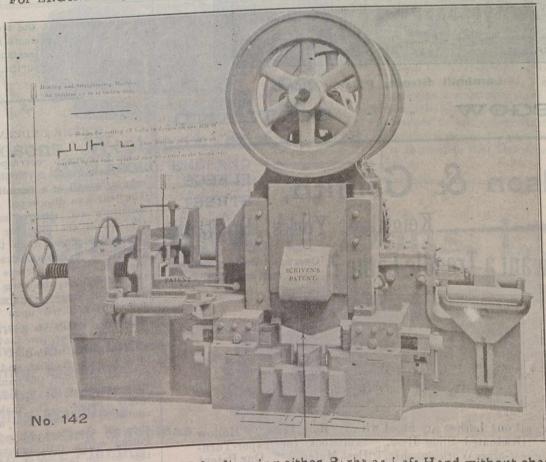
working at the same branch in the whole of England. The statistics of the coal-tar derivative trade of the world are eloquent on this point.

ESTABLISHED 1851.

EN & Co ..

Tel. Address: "SCRIVEN, LEEDS." LEEDS.

Machine Tools and Hydraulic Machinery, For ENGINEERS, SHIPBUILDERS, BOILER MAKERS and BRIDGE BUILDERS



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

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

ODIC COMPOSITIONS

MANUFACTURERS:

Odic Plastic Composition Company, Ltd.

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

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

"ODIC COMPOSITION"

Non-Explosive, Non-Poisonous.

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

"ODIC" PLASTIC CEMENT

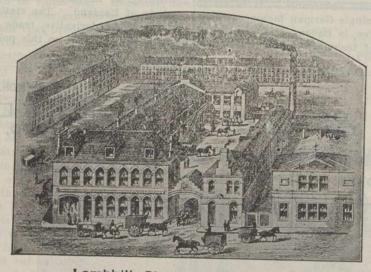
Non-Poisonous.

For Steam Joints, Boiler Seams, Etc.

AGENTS WANTED IN CANADA.

R. D. & C. J. CRUICKSHANK.

BISCUIT MANUFACTURERS.



Lambhill Street, Paisley Road,

GLASGOW.

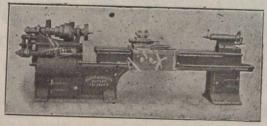
ESTABISHED 1848,

SCOTLAND

Hudson & Griffith, STREET,

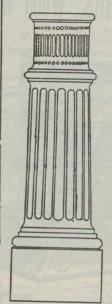
Keighley, Yorks, England.

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



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

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ROSS : WALPOLL

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Engineers, Millwrights, Boiler-Makers.

Electric Light and Tramway Pole Bases

Iron and
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NORTH WALL
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MANTELS, TILES, MOSAICS,

TRANSOM
and PAVEMENT
PRISMS.

WEBSTER BROS. & PARKES,

MONTREAL, Que.

is estimated that the world's annual trade in these products is about \$25,000,000, of which Germany is credited with about three-fourths.

A SCHEME UNDERMINED.

An Edinburgh correspondent tells of some curious developments in the case of a will of a hermit millionaire. The will was discovered recently. The solicitors and experts summoned to the aid of the executor of the late George Johnston when the will was registered made an examination of the signatures. It was found that the attesting witnesses have been dead some years. The next step the solicitors resolved upon was a consultation of experts, who, on examination of the paper, saw that it belonged to Annandale, of Polton. The paper is of a peculiar kind, and it was discovered, although the name is not on the watermark that it was the patent ledger paper. The make was invented in December, 1899, and the first sheet of the class did not leave the Polton works until January, 1900. It this be the fact, it would seem that the alleged will is written on a sheet of paper dated thirty years exactly before the paper was invented. Messrs. Annandale & Son made the following

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Established upwards of 100 Years.

New York Office and Warehouse.

HOBSON, HOUGHTON & CO.,

Successors to FRANCIS HOBSON & SON.

Don Steel Works,

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Sole Manufacturers of

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RKS,

HOBSON'S "CHOICE"
(XX) Extra Best & "Warranted" Best

Cast Steels,

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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.

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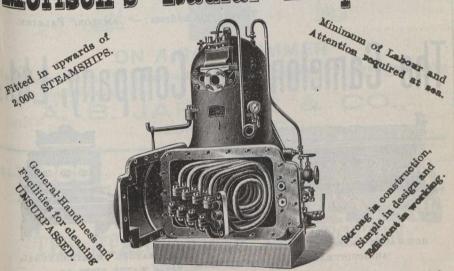
Sole Manufacturers of

"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.

Morison's Radial Evaporator



Richardsons, Westgarth & Co., Ltd.,

HARTLEPOOL, ENGLAND

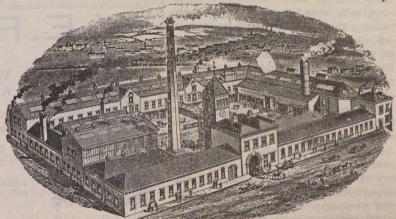
statement as to the paper: "We have examined the alleged will itself, as asked to do by a firm of Edinburgh solicitors. An examination of the document, shows conclusively that it is written on a special paper protected by patents, and manufactured by us ar redger and legal purposes for use in place of the old hand made papers. The paper is known as 'Polton patent ledger paper,' and both this name and the interlaced capital 'A's' below and usual Prince of Wales' feathers device, all of which are watermarked on the paper used, are our registered prop-This paper was first produced by us on December 8, 1899 and the first sales of the paper of the size on which the alleged will is written took place in January, 1900. We send you herewith a duplicate sheet of the paper itself, as it may interest your readers to see a reproduction of the precise watermarking of the paper. It is impossible that the paper used can

A. Earnshaw & Sons, Ltd.,

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

and Milling Machines



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HALIFAX ENG.

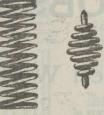
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VALVE SPRINGS.

Joseph Steel & Sons,

ESTABLISHED 1856.

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Spiral · Springs,

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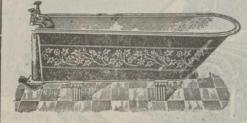
All communications should be addressed to Head Office, Dock St

be of any earlier production than what we have stated."

BANK ON WHEELS.

With a view of encouraging thrift among the peasantry of the Ardennes, the financial authorities of the town of Mezieres have conceived the idea of establishing an automobile savings bank. It appears that the peasants generally are thrifty enough, but usually have little time, especially in the busy summer months, to journey to town the place their savings in bank, and the administration proposes to meet them half-way by sending their travelling savings bank through the department at certain periods, making stoppages of an hour or so on pre-arranged days in the different localities. The passengers will be two clerks of the Mezieres treasury adTelegraphic Address :- "CAMELON," FALKIRE.

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

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WIRE WORKERS AND WEAVERS,

Manufacturers of all kinds of Screens for Mining and other purposes . . .

RIDDLES, SIEVES AND GENERAL WIRE WORK.

Illustrated Catalogu: s and estimates free on application.

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Contractors to the Lords of the Admiralty.

Telegraphic Address: "ROPES, SUNDERLAND."

Hemp Rope Department.

Manila Rope, Staple Brand.

" "Red Star" "

" "Blue Star" "

Sisal Rope.

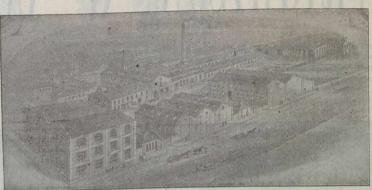
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New Zealand Rope.

Tarred Russian Hemp Rope

Boltrope & Boltrope Cordage



Wire Rope Department.

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Special "C" quality Extra
Plough Steel Ropes.
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Special Flexible Steel Wire Hawsers and Ropes.
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SPECIALITY:-Manila Binder Twine "RED STAR" Brand.

THIS LITTLE TRADE MARK





ON A SAW GUMMER

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

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

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THE STANDARD OF PERFECTION

REGISTERED TRADE MARK.

MARINE, RAILWAY, TRAMWAY, MINING,



ROLLING MILLS, DYNAMOS And GENERAL MACHINERY BEARINGS.

PRICES ON APPLICATION.

... SOLE PROPRIETORS

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

ministration and a cashier. They will carry with them all the necessary bank books, registers and forms, the cashier being empowered to receive and receipt for the moneys. The vehicle is propelled by electricity, and contains four seats, one in front and apart from the others for the driver. The three place behind are arranged around a revolving table in the middle of the car-one at each side and one at the rear of the vehicle. Writing desks are fitted over each of the three seats, and are so designed that they may be either folded flat against the sides of the carriage inwardly or opened outwardly over the road for the use of depositors. The central table also contains desks, besides book shelves and a small steel strongbox. The result of the experiment is awaited with much interest by French financiers and if it proves successful similar travelling banks will be established in other departments.

CHARCOAL ENGINE.

It has remained for a Philadelphian, H. K. Hess, to make what has been conceded to be one of the most radical departures from the accepted ideas of automobile construction. Instead of using kerosene or gasoline as fuel for generating steam Mr. Hess employs a device for the burning of charcoal. Two fuel reservoirs, one at each side of the vehicle, and each independent of the other, are provided. These reservoirs have removable covers lined with a non-heat-conducting material, and at the bottom is an opening communicating with a cylindrical extension, which in turn communicates at one end with the combustion chamber. Within the cylindrical extension is a screw, the inwardly extending end of which is in close proximity to the discharge end of the cylindrical conduit, while the outer end is connected with suitable means for effecting its revolution, either manually or by mechanical means through connection with the engine which drives the vehicle.

The revolution of the screw forces the charcoal into the combustion chamber, a blower, operated by a small auxiliary electric motor, producing a blast which greatly facilitates combustion. Ignition is effected by removing a cap at the apex of Telegrams:-"TEESDALE, STOCKTON-ON-TEES, Eng."
Telegrams:-"TEESDALE, LONDON, Eng."

London Office:
5 VICTORIA STREET WESTMINSTER

HEAD. WRIGHTSON & COMPANY

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Contractors to His Majesty's and Foreign Governments and English Railways, the Secretary of State for India, The Agent General for the Cape of Good Hope, Crown Agents for the Colonies. Great Indian Peninsula Railway, Bombay, Baroda and Central India Railway, South Indian Railway, East Indian Railway, Madras Railway, Bengal Dooars Railway, Bengal and North Western Railway, Central Argentine Railway, Argentine Great Western Railway, Argentine North Western Railway, Railway, Railway, Railway, Railway, Railway, Railway, Railway, Recife and San Fraicisco Pernambuco Railway, Western Railway of Havana, Tehnhontepec Railway, Alcoy Gandia Railway, Algeciras and Gibraliar Railway, Cordova and North Western Railway, Puerto Cabello and Valencia Railway, Imperial Chinese Railways, Imperial Japanese Railways, Nippon Railway of Japane

Patentees and Makers of

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Patentees and Makers of

> 'The Teesdale' Patent Pulley Block.

The Following are a few of the Principal Contracts Executed by this Firm:

Kistna Bridge, Empress Bridge (Indian State Railways); Orange River Bridges, Klang River Bridge, Baaken's River Bridge, Sunday River Bridge, Vaal River Bridge (Cape Government Railways); Ibicuy Viaduct, Imbahia Bridge, (Brazilian Great Southern Railways); Encarnacion Viaduct (Mexican CentralRailways); Chitravat Bridge (Madras Railways); Odiel Viaduct (Zafra and Huelva Railways); Manaos Reservoir; Port Elizabeth Jetty; Becton Pier; St. Leonard's Pier; Dover Harbour Pier; Herne Bay Pier; Ramsey Landing Pier; Menai Straits Bridge Renewal; Barnes Bridge W'dening; London Bridge Widening; Caisson for H. M. Dockyard, Devonport; Caisson for Calliope Graving Dock; Caisson for Imperial Docks, Nagasaki, Japan; Liverpool Street Station Extension, &c., &c.

MANUFACTURERS OF

Blast Furnace Iron & Steel Works Plants

MILLS' PATENT WATER-SEALED VALVES, CAST-IRON BOWL SLEEPERS, RAILWAY and TRAMWAY CHAIRS.

Cast-Iron Tanks, Girders, Columns, and every Description of Heavy Castings,

IGOT MOULDS.

the lower wall of the grate. After the carriage is started means are provided for cutting out the auxiliary and gearing the blower to the main engine.

GASOLINE INSPECTION CAR.

Indications point to the general adoption by railroads in the near future of the gasoline motor for propelling the "hand-cars" used by section foremen for repair and inspection work. Several Western lines are experimenting in this direction, the Burlington having had one in use for some time on its St. Joseph & Council Bluffs division. The entire length of this division, 312 miles, has been tray-

ersed by the gasoline inspection car several times, and it has given eminent satisfaction by reason of . ease with which it may be handled. It is a three-wheeled affair, and accommodates three persons. When the inspectors reach a point on the road where a critical examination of prospective or finished repair work is necessary, says the Motor Age, the car is lifted from the track, and when the inspection is concluded the vehicle is returned to the rails, and the occupants whiz along to the next place at a 30-mile-an-hour clip. The car, equipped for service, weighs less than 300 pounds ,and a gallon of gasoline will ordinarily be sufficient for a 75mile run. The operator sits in the rear of the car, the passengers in front. In this connection it is worthy

of remark that a Chicago concern is at present engaged in manufacturing gasoline motors designed to be attached to street cars.

PATENT REPORTS.

Owen N. Evans, solicitor of patents and expert, Temple Building, reports the following United States patents granted to Canadians last week: Cap. Allio E. Morse; scraper for seed drills. William Stphenson; knockdown wicker chair, Gendron Manufacturing Company; saw oiler, William G. Clements, et al.

The following complete weekly list of patents granted to Canadians in the Dominion of Canada is furnished us HIGH

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

HIGH-CLASS LANGASHIRE & CORNISH ... BOILERS

Up to 200 lbs. Dally Working Pressure.

Drilling,
Flanging,
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By most Modern Machinery.

Always a number of

High-class
BOILERS

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PROGRESS.

Productive Capacity — Three Boilers per week. Crane Powers—30 Tons.

Contractors to Her Majesty's Government.

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

by Messrs. Fetherstonhaugh & Co., patent solicitors, Canada Life Building: Canadian patents: E. Seybold & Co. top handles; F. H. Sleeper, engine; A. H. Pettit, fruit grading machines; W. Hayward, bag holders; E. W. Shil-son, snow plows; G. R. Williams, fruit boxes or baskets; W. L. Dick, threshing machine; J. W. D. Buyers, Convertible mops and brushes; C. Gentle, window shades; H. J. Quinn, automatic flushing apparatus; H. N. Clark, convertible agricultural instruments; W. Kyle and G. Pearson, steam engines; J. Anton, combined curtain stretchers; H. H. Home, games; J. lumsden, collars and the like; R. Bustin, ice skates.

A NEW LAMP.

There is in process of development in England an interesting type of incandescent lamp the filament of which is made of carbide of titianium, in-Stead of carbon, says the American Electrician. Another unique feature of the lamp is the bifurcation of its bulb in order to thoroughly isolate the filament shanks at and near the base, and obviate the "washing" and racing that have been sources of huch difficulty in the manufacture of high voltage lamps. The bifurcation the bulb is accomplished by providing a U-shaped tunnel from side to lide, and extending from the base up

to a point near the centre of the bulb, There are two distinct legs to the bulb, from each of which one terminal of the filament is led out to the cap. The filament is said to be very tough and elastic, and much shorter than a carbon filament for the same voltage.

The lamp is the invention of a Mr. William L. Voelker, and is known as the Crawford-Voelker lamp.

CANADIAN CUSTOMS TARIFF.

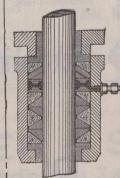
The initials N. E. S. represent and have the meaning of the words "not elsewhere specified."

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

(Continued from Page 356.)

Plants, viz.: Apple trees, of all kinds,

BY ROYAL LETTERS PATENT.



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 recieve Prompt Attention.

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Harbinger Patent Elastic Metallic Packing Company,

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SOUTH SHIELDS, England,



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

BERING CO., England.

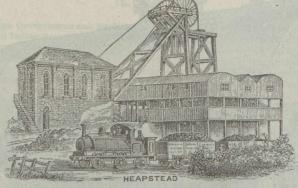
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Churches, Schools,
HOSPITALS, BARNS,
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Huts, Hay Sheds, Farm Buildings.



Wrought Iron
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Steel Principals
GIRDER..
BRIDGES,
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Special Prices to Canadians under the New Tariff.

WARNER & CO., LIMITED,

Makers SPECIAL PIG IRONS.

Brand "WARNER C.S.R."

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

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

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

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

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

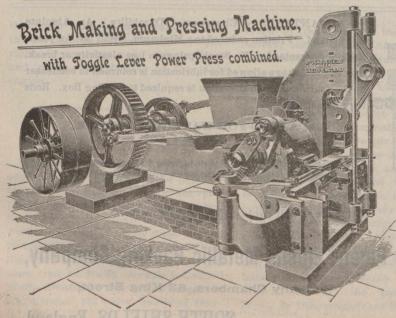
PIG IRON MADE TO ANY ANALYSIS.

Cargo Fleet, Middlesbrough-on-Tees,

England.

3 cents each; Blackberry bushes, 20 p.c.; Currant bushes, 20 p.c.; Cherry trees, of all kinds, 3 cents each;

Grape vines, 20 p.c.; Gooseberry bushes, 20 p.c.; Peach trees, see Trees; Pear trees, of all kinds, 3 cents each; Plum trees, of all kinds, 3 cents each; Raspberry bushes, 20 p.c.; Rose bushes, 20 p.c. Quince trees, 3 cents each; Plaster, land plaster, ground not calcined, 15 p.c.; Plaster of Paris, or gypsum, ground not calcined, 15 p.c.; Plaster of Paris, calcined, or manufactured, the weight of the package to be included in the weight for duty, 121/2° per 100 lbs.; Plasters, medicated, all kinds, 25 p.c.; Plasterers' hair, see Hair; Plated cutlery, see Cutlery; Plated ware and gilt ware, of all kinds, whether plated wholly or in part, N.E.S., 30 p.c.; Plates, iron or steel, for ships, see Masts; Plates, tailors and mantle makers fashion plates, free; Plates, Canada, see Iron; Plates, photographic dry plates, 30 p.c.; Plates, engraved on wood, steel or other metal and transfers taken from the same, including engravers' plates of steel, polished, engraved or for engraving thereupon, 20 p.c.; Plate, photographic dry plate emulsion, 20 p.c.: Plates, tin, free; Plate, tern plate, 5 p.c.; Plate glass, see Glass, etc.; Plates, family plates of British sub-



Established 1868.

Telegraphic Address: "Brick, Leeds.

Brick-making & Grinding Machinery

Manufactured by

Richard Scholefield.

ENGINEER

Burley Vale Mills_

Kirkstall Road, LEEDS, Eng.

jects, dying abroad, &c., see Apparel, &c.; Plates, iron or steel, see item Plates in Iron; Platina, N.E. S.,20 p.c.; Platinum, and black oxide of copper, for use in manufacture of chlorate, free; Platinum wire and platinum in bars, strips, sheets or plates, plantinum retorts, pans, condensers, tubing, and pipe, when imported by manufacturers or sulphuric acid for use in their works in the manufacture of concentration of sulphuric acide, free; Platinum primers or electric fuses, 30 p.c.; Playing cards, 6 cents per pack; Plough plates, cut to shape, &c., see item Plough Plates in Steel; Plow plates, punched, polished, and otherwise manufactured as part of plow, N.E. S., 20 p.c.; Plows, see Argcuiltural Implements; Plum pudding, 1/2 cent per lb .and 35 p.c.; Plums, green fruit, N.E.S., 25 p.c.; Plums, dried, to pay same as Prunes; Plum trees, all kinds, 3 cents each; Plumbago crucibles, free; Plumbago, not ground or otherwise manufactured, 10 p.c.; Plumbago, ground and manufactures of, N.E.S., 25 p.c.; Plush, of silk, or cotton, for hatters' use, see Hatters, Furs, &c.; Plush, articles made of, N.E.S.,35 p.c.; Plush fabrics, of cotton or silk, in the piece, N.E.S., 30 p.c.; Pocket knives, 30 p.c.; Pocketbooks and purses, 30 p.c.; Poles, carriage, to pay as part of waggons and carriages, see Carriages; Poles, hop poles, see Wood; Polish for stoves, blacklead, 25 p.c.; Polishing powders, N.E.S., 25 p.c.; Polish for knife and other polish or composition, N.E.S., 25 p.c.; Pomades, French or flower odors, preserved in fat or oil for the purpose of conserving the odors of flowers which do not bear the heat of distillation, when imported in tins of not less than 10 lbs. each, 15 p.c.; Pomades, all other, 30 p.c.; Pomatum, or paste for the hair, mouth or skin, 30 p.c.; Pomegranates, green fruit, free; Pop corn, 1/2 cent per lb. and 35 p.c.; Porcelain shades, 30 p.c.; Porcelain, imitation of, shades, and table ware, 30 p. c.; Porcelain opaque ware, 30 p.c.; Porcelain ware, other, 30 p.c.; Pork, see Meats; Pork barrels, see item packages; Porous alum, see Alum, free; Poro-plastic jackets, surgical,20 p.c.; Portable machines, see Machinery; Porter, in bottles, 24 cents per gal. see Ale; Porter, in wood, 16 cents per I.G.; Portland or Roman cement,

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Asthma Cure Free!

Asthma'ene Brings Instant Relief and Permanent Cure in All Cases . . .

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



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

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

Rev. Dr. Morris Wechsler,

Rabbi of the Cong. Bnai Israel. New York, Jan. 3, 1901.

DRS. TAFT BROS'. MEDICINE Co.,

Gentlemen: Your Asthmalené is an excellent remedy for Asthma and Hay Fever, and its composition alleviates all troubles which combine with Asthma. Its success is astonishing and wonderful.

After having it carefully analyzed, we can state that Very truly yours,

REV. DR. MORRIS WECHSLER.

Avon Springs, N. Y., Feb. 1, 1901.

DR. TAFT BROS. MEDICINE Co.

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

Dr. TAFT BROS. MEDICINE Co.

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

Home address, 235 Rivington street.

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

Feb. 5, 1901.

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

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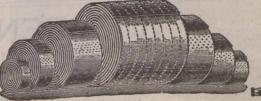
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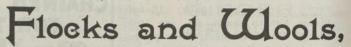
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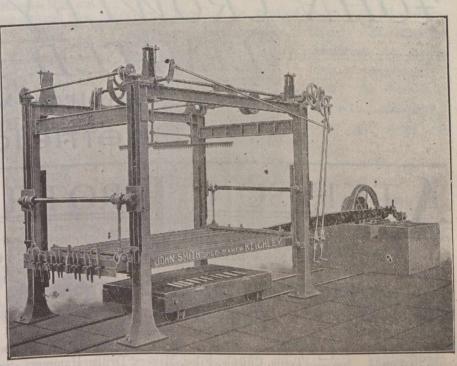
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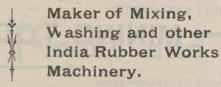
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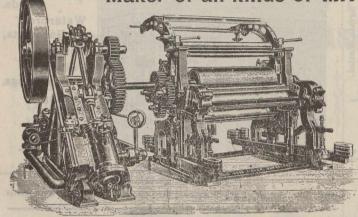
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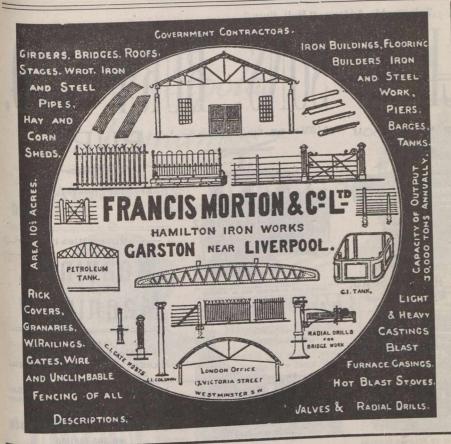
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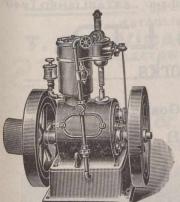
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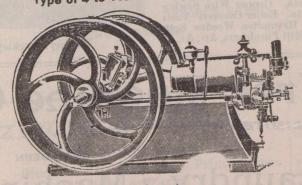
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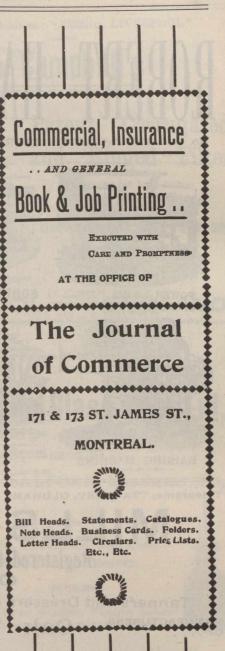
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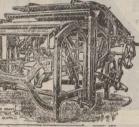


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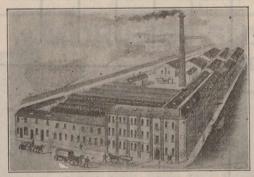
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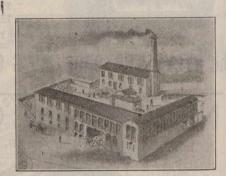
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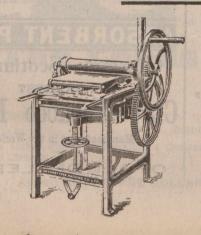
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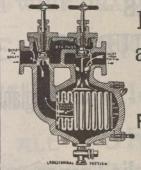
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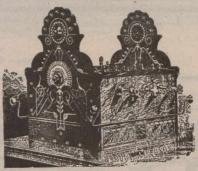
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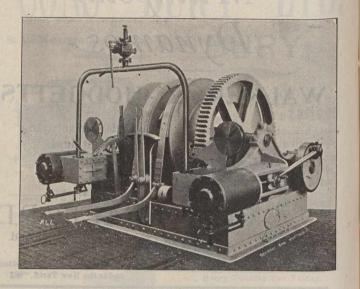
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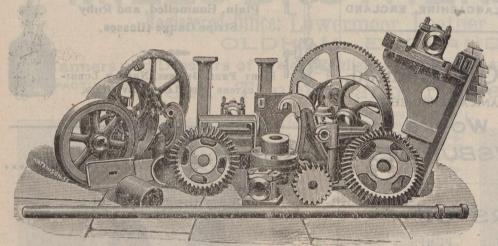
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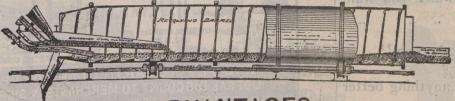
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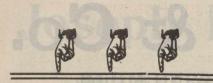
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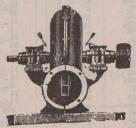
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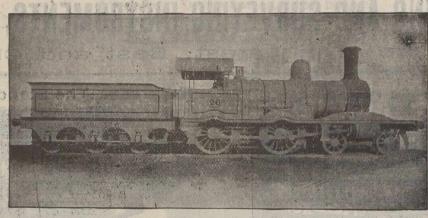
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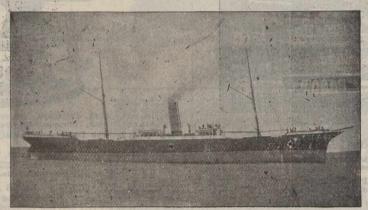
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at Erikia under	G 11 G 11B G 12 G 13 G 14 G 15 G 16 G 16A	10 x 4½ 9½ x 3¾ 9 x 7 9 x 3¾ 8 x 6 8 x 5 8 x 4	30 lbs. 21½ lbs. 58 lbs. 20 lbs. 35 lbs. 30 lbs. 25 lbs. 19 lbs.	G 27 G 28 G 28A G 29 G 29A G 30 G 31 G 32 G 33	45% x 8 4 x 3 4 x 134 4 x 134 814 x 134 814 x 134 814 x 3 814 x 14 8 x 3 8 x 14	14 lbs. 12 lbs. 9½ lbs. 8 lbs. 5 lbs. 10 lbs. 6 lbs. 10 lbs. 4 lbs.	Reduced Price Last on Application.

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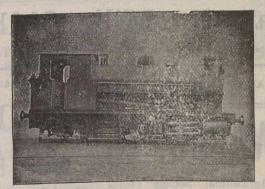
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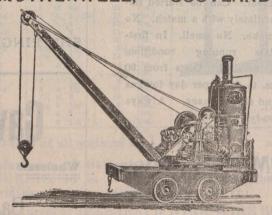


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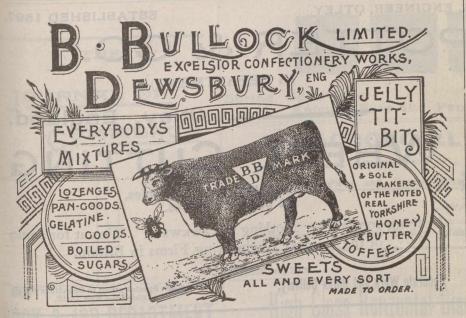
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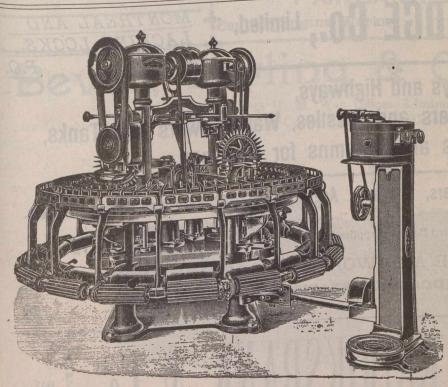
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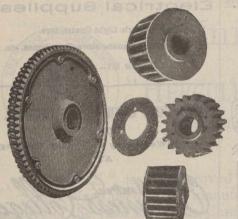
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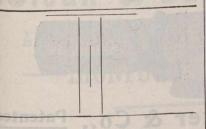
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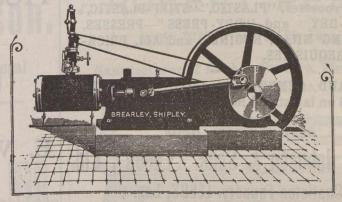
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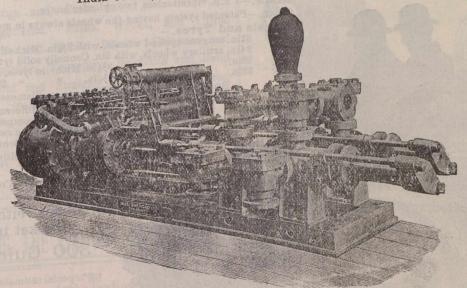
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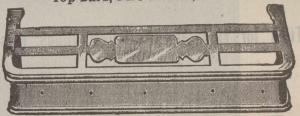
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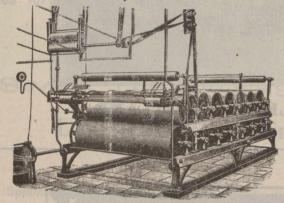
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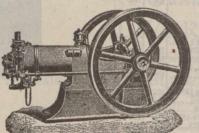
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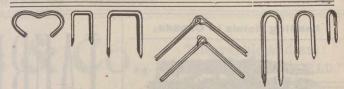
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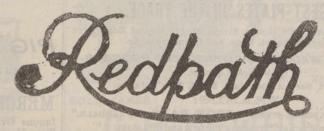




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Of the Highest Quality and Purity, made by the Late Processes, and the Newest and Best Machinery, not Surpassed anywhere.

LUMP SUGAR, in 50 and 100 lb. boxes.

"CREAM" SUGARS, (not dried)

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YELLOW SUGARS of all grades and Standards.

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SYRUPS of all grades in brls. and half brls.

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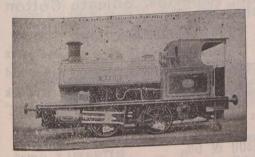
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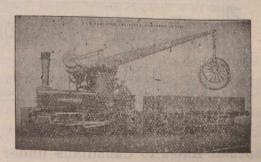


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OF NEW YORK.

RICHARD A. McCURDY, President.

STATE WENT FOR THE YFAR ENDING DEC'MBER 31st, 1896

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WM. McCABE,

Secretary.

Man. Dir.

Messrs, AULT and McCONKEY,

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Under New Patent Process

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

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AGENCY DIRECTOR,

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Saml. Finley.

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JANUARY, 1902.

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