

McIntyre, Son & Co., Montreal, Que.
McArthur, Corneille & Co., Montreal, Que.

105

James Coristine & Co., Montreal, Que.
American Tobacco, Montreal, Que.
See First Page.

THE CANADIAN JOURNAL OF COMMERCE

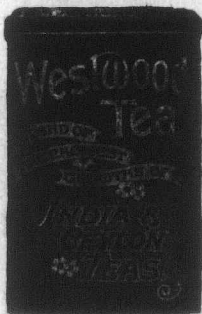
FINANCE AND INSURANCE REVIEW.

Vol. 56. No. 2.
NEW SERIES.

MONTREAL, FRIDAY, JANUARY 9, 1903.

M. S. FOLEY,
EDITOR AND PROPRIETOR

GAME, SON, HARRISON & LARNER, LTD.,
2 & 4 Eastcheap, LONDON, ENGLAND.



The largest and best house in London for the celebrated WESTWOOD TEAS and FRENCHMAN'S BRAND OF MOCHA COFFEE.

Supplied to Canadians under the New Tariff 83 1/2 p.c. in their favour.

JOHN MOIR & SON, LIMITED,
London, Aberdeen & Seville.



Purveyors by Royal Warrant to His Majesty the King.

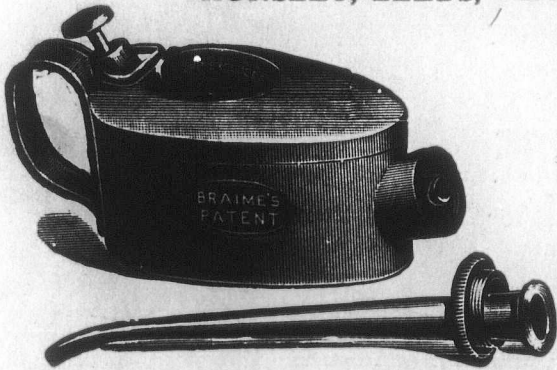
SPECIALITIES:
Kippered Herrings, Findon Haddocks,
Whole Fruit Jams, Pure Pickles, The
Seville Orange Marmalade, Table
Jelly Powder, Assorted Flavors.

Price List sent on Application.

Head Office:

9 & 10 Great Tower St., - LONDON E.C. Eng.

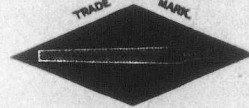
T. F. Braime & Co., L't'd.,
Goodman Street
HUNSLET, LEEDS, ENGLAND.



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

BLACK DIAMOND
FILE WORKS.

EST. 1863. INC. 1895.



HIGHEST AWARDS at TWELVE
International Expositions.

SPECIAL PRIZE,
GOLD MEDAL;
AT ATLANTA, 1895.

G. & H. BARNETT COMPANY,
PHILADELPHIA, PA.

BUYERS OF

Blanched Almonds, Ground Almonds, Split Almonds,
AND ALL OTHER GRADES.

Glacé Cherries, Gelatines, Walnut Halves,
Broken Walnuts, and all kinds of Nut Kernels.

GLUCOSE, CREAM OF TARTAR, TARTARIC ACID

Cornflour, Farina,
Starch Powder, Cereallne.

COLORS, COCOS BUTTER, BAKERS' BUTTER ...

TOFFEE BUTTER, HONEY, &c.,

Are Invited to write for Quotations to

SIESEL BROTHERS,

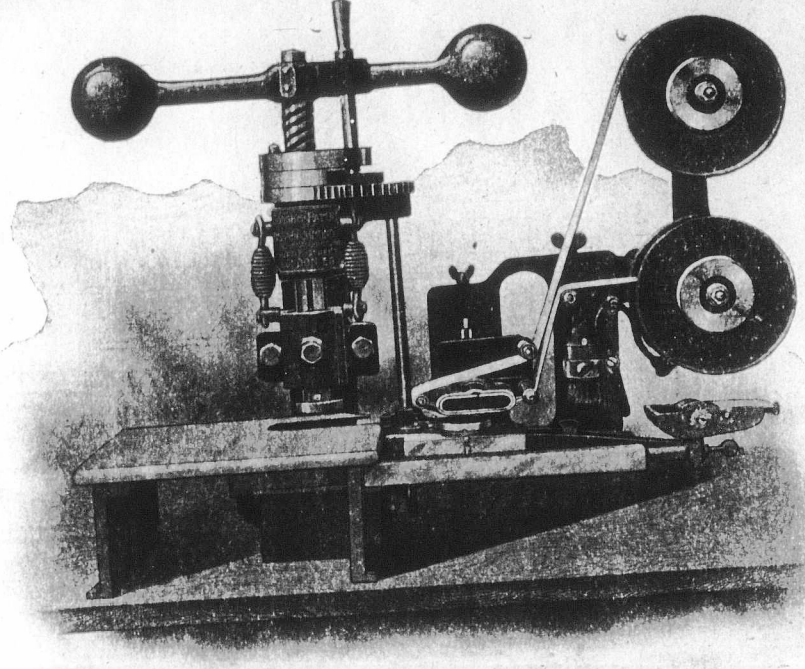
134 Upper Thames St.,
LONDON, E.C., Eng.

Telegrams: "PRUSSIATE, London."

IMPORTANT TO THE STATIONERY TRADES

A NEW FEATURE IN RELIEF STAMPING.

GOUGH'S Patent Hand Power Relief Colour Stamping Press



SELF COLOURING and SELF WIPING.

Less than one half swing of the Ball Lever for each complete impression.

Speed, 1000 Impressions per hour.

These Presses do absolutely the best work.

Will work a Die 2 inches in diameter.

Price, - £25.

JOSEPH RICHMOND & CO., L'td, Patentees and Sole Makers, 30 Kirby St., Hatton Garden, London, E.C., Eng.
New Sun Iron Works, Bow, E., and Watermoor Foundry, CIRENCESTER GLOS, Eng.

NICHOLS, SON & CLOW LEICESTER, Eng.

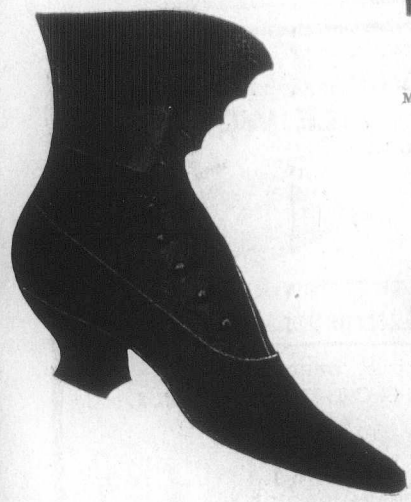
MAKERS OF

- The "EVELYN" Ladies' Boots
- The "IRON DUKE" Men's Boots.
- The "ACHILLES" Boys' Boots.
- The "HARROW" School Boots
- The "GIRTON" Girls' Boots

LADIES' FINE SHOE

Latest Styles, Correct Models, for Ease, Elegance and Wear.

Supplied under the New Canadian Tariff, 88 1/2 p.c. in favour of Canada.



DURSTON & BURBIDGE!

... MAKE CHILDREN'S ...

SCHOOL BOOTS AND SHOES

ALL SOLID LEATHER SPECIALLY BUILT FOR CANADIAN WEAR....

LEICESTER, ENGLAND.

Cuts will be inserted next week.

Over 3,000
Special Machines
WRITE



Vol 56
New Series

McM
IMPO
DREA
TRE
RO
18

McArth
310

147 to

White

Oils,
Tan

AGENTS FOR
BE

Manufa
other Coa

JAM

Manu
Impor

Over 3,200 Machines Sold.
Special Machines for DAIRIES, BUTCHERS, Etc.
WRITE FOR INFORMATION:

The Linde British Refrigerator Co., Ltd.
ST. JAMES ST., - MONTREAL.
SOLE MANUFACTURERS
COLD-AIR-CIRCULATION SYSTEM.

105B

JOURNAL OF COMMERCE

FINANCE AND INSURANCE REVIEW

Vol 56. No. 2.
NEW SERIES.

MONTREAL, FRIDAY, JANUARY 9, 1903.

M. S. FOLEY,
EDITOR AND PROPRIETOR

McINTYRE SON & Co.,

MONTREAL.
IMPORTERS of DRY GOODS.

DRESS GOODS,
SILKS,
LINENS,
SMALL WARES,

TREFOUSSE KID GLOVES,
ROUILLON KID GLOVES.

18 VICTORIA SQUARE.

ALFRED T. HOLLAND.
Accountant and General Agent,

TEMPLE BUILDING,
185 ST. JAMES STREET,
MONTREAL, Que.

REPRESENTING

The North American Mercantile
Agency Co., New York.
The Ottawa Trust & Deposit Co.,
Ottawa.

Respectfully solicits correspondence with Foreign
business firms and manufacturers who may re-
quire a correspondent or agent in the Dominion
of Canada. References kindly permitted. The Editor of this
paper and the Royal Bank of Canada.

ROOFING AND ASPHALTING

OF EVERY DESCRIPTION.

Metal Cornices, Skylights, &c.,
Cement and Tile Floors,
Cement Washtubs
&c.

CANADIAN AGENTS:
Beston Hot Blast Heating, and Pneu-
matic System of conveying Mill Stock.

GEO. W. REED & CO.,
MONTREAL.

McArthur, Corneille & Co.

310 to 316 St. Paul Street
AND

147 to 151 Commissioners St.,
MONTREAL.

Manufacturers and Importers of
White Lead, Colors,
Glass, Varnishes,
Glues, &c.

Oils, Chemicals, Dyestuffs,
Tanning Materials, &c.

AGENTS FOR

BERLIN ANILINE CO.,
Berlin, Germany.

Manufacturers of Aniline, Colors and
other Coal Tar Products.

X The following Brands X
Manufactured by . . .
THE American Tobacco Co.

OF CANADA, Limited,

Are sold by all the Leading Wholesale
Houses . . .

CUT TOBACCOS.

Old Chum,
Seal of North Carolina,
Old Gold.

CIGARETTES
Richmond Straight Cut,
Sweet Caporal,
Athlete, Derby.

FOR SALE-PROPERTIES.

About 4000 square feet on Genevieve
street, Montreal, suitable for a factory;
37 to 40 feet frontage.

A fine farm in the Niagara Peninsula;
stone Residence and Lodge; perennial
stream; tramway to the Falls; 1/2 mile
to market, churches, schools.

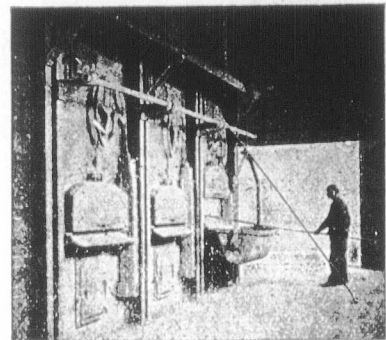
A 25-acre lot in Putnam country,
Florida, between 2 clear lakes; 1 1/2
mile from Interlachen or Mannville
railway station.

Apply to the owner,

M. S. FOLEY,

"Journal of Commerce," Montreal, Canada.

"Destructors for Town Garbage"



Horsfall Destructor Co., Ltd., Leeds, Eng.
Canadians can purchase these furnaces at
88% p.c. cheaper than any other Country.

WE SUPPLY THE MATERIAL

OR CONTRACT TO COVER

STEAM PIPES and BOILERS

H. McLAREN & Co.

706 CRAIG STREET,

MONTREAL

Tel. Main 2305.

AGENTS FOR
Eureka Mineral Wool and Asbestos Company.

JAMES CORISTINE & CO.,

Limited.

Manufacturers and
Importers of

**HATS
CAPS
AND FURS**

MONTREAL.

The Chartered Banks. THE CANADIAN BANK OF COMMERCE

HEAD OFFICE, TORONTO. Paid-up Capital, \$8,000,000. Reserve Fund, 2,500,000. DIRECTORS: President, Vice-President, etc.

BRANCHES OF THE BANK IN CANADA. Montreal, Quebec, Ottawa, Toronto, etc. In Great Britain, London, 60 Lombard St.

Traders Bank of Canada (Incorporated by Act of Parliament 1885)

Capital Paid Up, 1,500,000. Reserve Fund, 350,000. Board of Directors: President, Vice-President, etc.

BANQUE D'HOCHELAGA

Capital Subscribed, \$1,999,700. Capital Paid-up, 1,967,000. Reserve Fund, 950,000.

DIRECTORS: R. BICKERDIKE, M.P., Vice-Pres. Hon. J. D. Rolland, J. A. Vaillancourt, Esq., etc.

BRANCHES—Joliette, P. Q., St. Jerome, P. Q., Louisville, P. Q., St. Henry, Montreal, etc.

CORRESPONDENTS—National Park Bank, Nat'l Bank of N. America, Nat'l City Bank, Importers & Traders' National Bank, etc.

The Chartered Banks. La Banque Nationale. HEAD OFFICE, QUEBEC.

Capital Authorized, \$2,000,000.00. Capital Subscribed, 1,500,000.00. Capital Paid-Up, 1,500,000.00.

DIRECTORS: R. AUDETTE, President. A. B. Dupuis, Vice-President. Mon. Judge A. Chateau, etc.

Branches: Quebec, St. Hyacinthe, Que., Joliette, Que., St. John's P. Q., etc.

Agents—London, Eng.—The National Bank of Scotland, Ltd. Paris, France—Credit Lyonnais, etc.

Imperial Bank of Canada.

Capital authorized, \$4,000,000. Capital (paid up), \$2,888,832. Rest, 2,888,832.

DIRECTORS: T. R. MERRITT, President. D. R. WILKIE, Vice-President. Wm. Ramsay, etc.

HEAD OFFICE, TORONTO. D. R. WILKIE, General Manager. E. HAY, Assistant General Manager.

BRANCHES IN ONTARIO: Niagara Falls, Sault Ste. Marie, North Bay, Ont., St. Thomas, etc.

BRANCHES IN QUEBEC—Montreal. BRANCHES IN NORTH WEST AND BRITISH COLUMBIA: Brandon, Man., Regina, Ass. B. C., etc.

AGENTS.—London, Eng., Lloyds Bank Limited, New York, Bank of Montreal, Bank of the Manhattan Co., Bank of America, etc.

UNION BANK OF CANADA

ESTABLISHED 1865. Capital Authorized, \$3,000,000. Capital Subscribed, \$2,250,000. Capital Paid-up, \$2,236,000.

HEAD OFFICE, QUEBEC. Board of Directors: ANDREW THOMAS, Esq., President. Hon. JOHN SHARPLES, Vice-President.

E. E. Webb, General Manager. J. G. Billett, Inspector. F. W. S. Crispo, Ass't. Inspector.

Branches: Alexandria, Ont. Indian Hd., Qu'Appelle, Altona, Man., n.w.t. (Station), n.w.t. Arcola, N.W.T. Kemptville, Ont. Quebec, Que., etc.

Foreign Agents: London, National Park Bank, Limited. New York, National Bank of Commerce. Boston, National Bank of the Republic, etc.

The Chartered Banks. BANK OF NOVA SCOTIA. INCORPORATED 1882.

Capital Paid-up, \$2,000,000.00. Reserve Fund, 2,800,000.00.

HEAD OFFICE, HALIFAX, N.S. DIRECTORS: JOHN Y. PAYEANT, President. CHARLES ARCHIBALD, Vice-President.

General Manager's Office, TORONTO, Ont. H. C. McLeod, Gen. Manager. D. WATERS, Chief Insp'r. Geo. SANDERSON, Insp'r.

BRANCHES: In Nova Scotia—Amherst, Annapolis, Bridgetown, Dartmouth, Digby, etc.

In New Brunswick—Campbellton, Chatham, Fredericton, Moncton, etc.

In P.E. Island—Charlottetown and Summerside, In Quebec—Montreal and Paspébiac.

In Ontario—Arnprior, Berlin, Hamilton, Ottawa, Toronto. In Manitoba—Winnipeg.

In Newfoundland—St. John's and Harbor Grace. In West Indies—Kingston, Jamaica.

In United States—Boston, Mass.; Chicago.

The Dominion Bank.

NOTICE is hereby given that a Dividend of 2% per cent. upon the Capital Stock of this Institution, has been declared for the current quarter.

Monday, the 2nd day of February next. The transfer books will be closed from the 21st to the 31st January next, both days inclusive.

T. G. BROUGH, Gen. Manager. Toronto, 23rd Dec., 1902.

HALIFAX BANKING CO

Incorporated 1872. Capital Paid-Up, \$600,000. Reserve Fund, 500,000.

HEAD OFFICE, HALIFAX, N.S. DIRECTORS: ROBE UHLACK, President. O. W. ANDERSON, Vice-President.

BRANCHES—Nova Scotia: Halifax, Amherst, Antigonish, Barrington, Bridgewater, etc.

CORRESPONDENTS—Dominion of Can.—Molson Bank and Branches. New York—Fourth National Bank, Boston—Suffolk National Bank London, England—Parry's Bank, Limited.

The BANK OF OTTAWA.

Capital (Fully paid-up), \$2,000,000. Rest, 1,365,000.

BOARD OF DIRECTORS: GEORGE HAY, President. DAVID MACLAREN, Vice-President.

HEAD OFFICE, Ottawa, Ont. GEO. BURN, Gen. Mgr.—D. M. FINNIE, Ottawa Mgr. L. C. OWEN, Inspecting Officer.

Branches: Man., Ontario and Quebec—Alexandria, Arnprior, Avonmore, Bracebridge, Carleton Place, Cobden, etc.

AGENTS IN CANADA.—BANK OF MONTREAL FOREIGN AGENTS.—New York, The Agents Bank of Montreal, National Bank of Commerce, etc.

The Chartered Banks.

THE QUEBEC BANK.
 HEAD OFFICE, - - - QUEBEC
 Founded 1818. Incorporated 1822.
 CAPITAL AUTHORIZED - \$3,000,000
 " PAID-UP - 2,500,000
 REST - 800,000

DIRECTORS:
 JOHN BRAKLEY, President.
 JOHN T. ROSS, Vice-President.
 Gaspard Lemoine, W. A. Marsh, Vesey Boswell,
 F. Billingsley, Edson Fitch.
 THOMAS McDOUGALL, Gen. Manager.

Branches.
 Quebec, St. Peter St. Pembroke Ont.
 do Upper Town, Thorold, Ont.
 do St. Roch. Three Rivers, Que.
 Montreal, St. James St. Toronto, Ont.
 do St. Catherine St. E. Shawanigan Falls, Q.
 Ottawa, Ont. St. George, Beauce, Q.
 St. Romuald, Que. St. Henry, Que.
 Thetford Mines, Que. Victoriaville, Que.

Agents.
 London, Eng., Bank of Scotland.
 Boston, National Bk. of the Republic.
 New York, U.S.A. Agts. Bk. of Brit. North Amer.
 do Hanover National Bank.

The Standard Bank of Canada
 Capital (authorized by Act of Parliament) - \$2,000,000
 Capital Paid-up - \$1,000,000
 Reserve Fund - 850,000

HEAD OFFICE, TORONTO.

DIRECTORS.
 W. F. COWAN, President.
 FRED. WYLD, Vice-President
 W. F. Allen, A. J. Somerville,
 T. R. Wood, W. R. Johnston, W. Francis.

AGENCIES.
 Allis Craig, Cannington, Kingeton,
 Bowmanville, Chatham, Markham,
 Bradford, Colborne, Parkdale,
 Brantford, Durham, Picton,
 Brighton, Forest, Richmond Hill,
 Brussels, Harrison, Stouffville,
 Campbellford, BANKERS

BANKERS
 New York—Importers and Traders National Bank,
 Montreal—Molson's Bank and Imperial Bank,
 London, England—National Bank of Scotland.
 All banking business promptly attended to. Correspondence solicited.
 GEO. P. REID, General Manager.

Eastern Townships Bank.
 (Established 1859.)
 Capital Authorized - \$2000,000
 Capital paid up - \$1,955,225
 Reserve Fund - 1,200,000

BOARD OF DIRECTORS:
 WILLIAM FARWELL, President.
 Hon. M. H. COCHRANE, Vice-President.
 Israel Wood, J. N. Galer, N. W. Thomas,
 G. Stevens, C. E. Kathan, H. B. Brown, K.C.,
 J. S. Mitchell.

HEAD OFFICE, SHEERBROOKE, Que.
 JAS. MACKINNON, General Manager.
 Branches: Province of Quebec—Montreal, Bedford, Coaticook, Cowansville, Grassy, Huntingdon, Magog, Ormstown, Richmond, Rock Island, St. Hyacinthe Sutton, Waterloo, Windsor Mills, Province of B.C.—Grand Forks, Phenix.
 Agents in Canada, Bank of Montreal and Branches.
 Agents in London, Eng., National Bank of Scotland.
 Agents in Boston, National Exchange Bank.
 Agents in New York, National Park Bank.
 Collections made at all accessible points and remitted.

BANK OF HAMILTON.
 Head Office, - HAMILTON, Ont.

CAPITAL - \$2,000,000
 RESERVE - 1,600,000
 TOTAL ASSETS - 22,500,000

Directors:
 JOHN STUART, President
 A. G. RAMSAY, Vice-President
 John Proctor, Geo Roach, Hon Wm. Gibson,
 Hon. A. T. Wood, A. B. Lees, (Toronto.)
 J. TURNBULL, General Manager.
 H. S. STEVEN, Asst. General Manager.

AGENCIES:
 Atwood, Hamilton, Man. Owen Sound,
 Berlin, Hagersville, Palmerston,
 Beamsville, Indian Hd., N.W.T., Plum Coulee, M.
 Blyth, Jarvis, Pilot Mound,
 Brandon, Man. Kamloops, B.C. Man.
 Brantford, Listowel, Port Elgin,
 Carman, Man. Lucknow, Port Rowan,
 Chesley, Manitou, Man. Roland, Man.
 Delhi, Midland, Sasekatoon, N.W.T.
 Dundas, Milton, Simcoe,
 Dundalk, Mitchell, Southampton,
 Duquenneville, Minnedosa, Man. Stonewall, M.,
 Georgetown, Miami, Man. Teeswater,
 Gladstone, Man. Moose Jaw, Toronto,
 Grimby, N.W.T. Vancouver, B.C.
 Gorrle, Morden, Man. Wingham,
 Hamilton, Niagara Falls, Winnipeg, Man.
 Barton St., Niagara Falls, Winnipeg, Grain
 East End, South, Exchange.
 West End, Orangeville, Winkler, Man.

Correspondents in United States:—New York—Fourth National Bk. and Banover National Bk. Boston—International Trust Co. Buffalo—Marine National Bank. Detroit—Detroit National Bank. Chicago—Continental Nat'l Bank and First National Bank. Kansas City—National Bank of Commerce. Philadelphia—Merchants National Bank. San Francisco—The Crocker-Woolworth National Bank. St. Louis—National Bank of Commerce.

Correspondents in Great Britain:—National Provincial Bank of England, Ltd. Correspondence invited.

Ocean Steamships.

DOMINION LINE
 . . . Steamships.
LIVERPOOL SERVICE.
 From Portland. From Portland.
 *Norseman, Jan. 10, 1908 Ottoman, Jan. 24, 1908
 *Anaxman, Jan. 17, " Co'ontian, Jan. 31, "

Rates of Passage.
 Saloon—\$30.00 and upwards.
 For Avonmouth Dock and Bristol.
 From Portland.
 *Englishman about Jan. 10
 Steamers marked * do not carry passengers.

From Boston.
 Merion, Jan. 17 and Feb. 21, 1908
 Saloon, \$50.00 Third Class, \$28.00

NEW SERVICE.
 BOSTON TO THE MEDITERRANEAN,
 Vancouver, Jan. 16, New England, Jan. 17.
 Midship saloons, electric light, spacious promenade decks
 For further information apply to any agent of the company, or to

DAVID TORRANCE & CO.,
 General Agents, Montreal.
 17 St. Sacrament Street.

THE Central Canada LOAN AND SAVINGS COMPANY
 Corner King and Victoria Streets, Toronto
 HON. GEO. A. COX, President.

INVESTMENT BONDS
 Write us for particulars of Government, Railroad and Municipal Bond Investments.

The Dominion Savings & Investment Society
 MASONIC TEMPLE BUILDING,
 London, Canada.
 Capital Subscribed, \$1,000,000 00
 Total Assets, 31st Dec'r, 1900 2,272,980 88
 T. H. PURDOM, Esq., K.C., President.
 NATHANIEL MILLS, Manager.

JAMES MURRAY,
 of ST. JOHN'S, Newfoundland,
 GENERAL * COMMISSION * AGENT.
 Respectfully solicits trial consignments in the following lines of goods handled:
 Flour and Breadstuffs, Pork, Beef, and General Provisions, Sugar and Molasses, Nova Scotia and P.E.I. produce. Canadian products of all kinds, Teas, Manufactured Goods, Proprietary Articles, Fish, Oil and Newfoundland Products.

American Bank Note Company.
 78 to 86 TRINITY PLACE, NEW YORK.
 ENGRAVERS AND PRINTERS OF
Bank Notes, Share Certificates, Bonds for Governments and Corporations, Drafts, Checks, Bills of Exchange, Postage and Revenue Stamps from Steel Plates.
 With Special Safeguards to Prevent Counterfeiting.
 JAMES MACDONOUGH, Chairman.
 AUGUSTUS D. SHEPARD, President.
 THEO. H. FREELAND, Vice-Pres. & Treas.
 WARREN L. GREEN, 2nd Vice-Pres.
 JOHN E. CURRIER, Secretary.
 I. K. MYERS, Ass't Treas.

THE Ward Commercial Agency
 Mercantile Reports. Collections.
 Personal Attention. Prompt Returns
 246 St. James Street, MONTREAL
 Attention Given to Special Reqs

Ocean Steamships.

ALLAN LINE
 MONTREAL TO LIVERPOOL
 VIA
 QUEBEC AND MOVILLE.
ROYAL MAIL SERVICE.
 NEW STEAMERS.
 Tunisian, 10,575 Tons, Twin Screws.
 Bavarian, 10,375 Tons, Twin Screws.
 Ionian, 10,000 Tons, Twin Screws.
 Corinthian, 6226 Tons.
 Pretorian, 5800 Tons.

These are the largest, finest and fastest vessels ever built for the St. Lawrence route.

From Liverpool Steamers. From Montreal. From Quebec.
 16 Oct. Tunisian Nov. 1, Nov. 1
 23 Oct. Corinthian Nov. 8, Nov. 8
 30 Oct. Pretorian Nov. 15, Nov. 15

The Saloons and Staterooms are in the central part where least motion is felt. Electricity is used for lighting the ships throughout, the lights being at the command of the passengers at any hour of the night. Music rooms and smoking room on the promenade deck. The Saloons and Staterooms are heated by steam.

RATES OF PASSAGE.—Cabin: \$65.00 and upwards. A reduction is made on Round Trip Tickets.
 Second Cabin—To Liverpool or Londonderry, \$37.50 to \$40.00 Single. London, \$1.50 additional. Return, \$71.25 to \$76.00.
 Steerage—To Liverpool, London, Glasgow, Belfast or Londonderry, including every requisite for the voyage, \$26.60.

Glasgow, and New York Service calling at Londonderry.
 From New Pier foot of W. 21st Street, New York From Glasgow. From New York.
 11 Oct. Laurentian 30 Oct., 9 a.m.
 25 Oct. Mongolian 13 Nov., 9 a.m.
 8 Nov. Sardinian 27 Nov., 8 a.m.

Rates: First Cabin, \$45 to \$60 Single, \$81 to \$108.00 Return. Second Cabin, \$32.50 Single, \$61.75 Return. Steerage to Glasgow, Belfast or Londonderry \$26.00. Outfit for Steerage passengers furnished free. The Steamers employed on these services are not surpassed for accommodation for all classes of passengers.
 For further information apply to
H. & A. ALLAN,
 55 Common St., Montreal.

THE MOST NUTRITIOUS.
EPPS'S COCOA
 An admirable food, with all its natural qualities intact, fitted to build up and maintain robust health, and to resist winter's extreme cold. Sold in ¼ lb. tins, labelled JAMES EPPS & CO., Ltd., Homœopathic Chemists, London, Eng.

EPPS'S COCOA
 Giving Strength & Vigour.

THE JOURNAL OF COMMERCE
 FINANCE AND INSURANCE REVIEW.
 DEVOTED TO
 Commerce, Finance, Insurance, Railways, Manufacturing, Mining and Joint Stock Enterprises.
 ISSUED EVERY FRIDAY MORNING

SUBSCRIPTION.
 Montreal Subscribers, \$5 a year
 Mail Subscribers to any other part of Canada, \$2 a year
 British Subscribers, £1 Stg.
 American, \$5 a year
 Single Copies, 10c. each

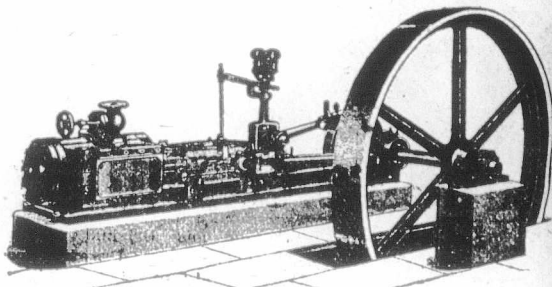
Editorial and Business Offices.
 Nos. 171 and 173 St. James Street, Head of St. John Street, MONTREAL.
 M. S. FOLEY, Editor, Publisher and Proprietor.
 We do not undertake to return unused manuscripts.
 The Editor cannot under any circumstances undertake to return unused manuscripts, or entertain any correspondence concerning it.

T. & R. LEES, Hollinwood, Nr. Manchester, **ENGINEERS**

Improved Horizontal Steam Engines (Class J.)

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

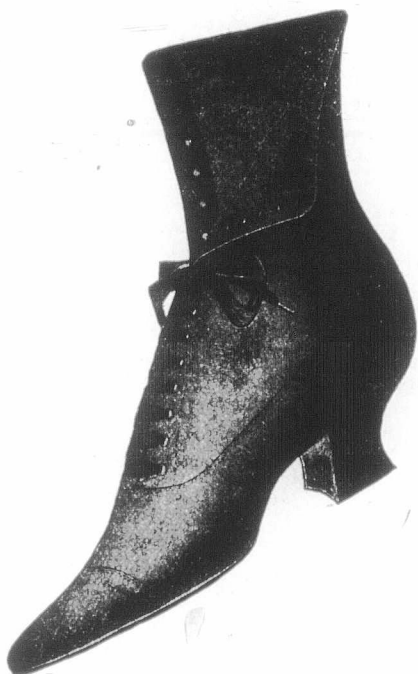
These Engines are all fitted with our patent automatic Cut-off under
 control of our patent high-speed Governor, giving a clear and positive
 cut-off. It regulates the Valve with great precision, and supplies the
 steam according to the varying load, effecting the greatest economy in
 steam, and great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



PLEASE INDENT THROUGH MERCHANTS.

Telegrams: "LEES, HOLLINWOOD."

Special estimates to Canadians under the new Preferential Tariff



A Make of Goods that has won High Renown.
 MEDIUM AND HIGH-CLASS

BOOTS AND SHOES

For Ladies, Youths,
 and Children.

Ease,
 Elegance
 And...
 Durability.



—SOLE MANUFACTURERS—

John Turner & Son, Ltd.,

Havelock Street Works, Leicester, England.

Special Department for Bespoke Orders.

Telegrams—"HAVELOCK, LEICESTER."

Telephone 320 Holborn.

Private Wire to Works.

Established 1780.

RAMSEY'S GLASS WORKS

OFFICES+
 78 FARRINGTON 78
 STREET,
 E.C.

LONDON.

ENGLAND.

GLASS FOR

Hotels, Restaurants,
 Confectioners,
 Jewellers,
 Chemists,
 Architects,
 Surveyors,
 Engineers,
 Railways,



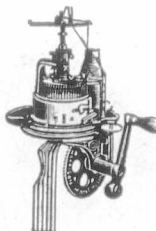
Ships' Fittings,
 Hospitals,
 Iron-mongers,
 Fancy Dealers,
 Advertisers,

Glass and China Dealers.

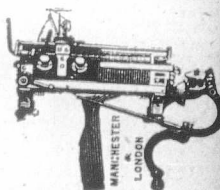
HARRISON KNITTING MACHINES

Latest Improvements.
 All sizes to work by Hand or Power.

KNITS STOCKINGS, SOCKS, and all kind of
 Knitted Garments in WOOL, SILK & COTTON.



Circular Machines for
 Plain and Ribbed Under-
 vests, Power Frames, Presses,
 Winding and Linking Machines,
 &c.



Specify your requirements.

Good Buying Agents Wanted.

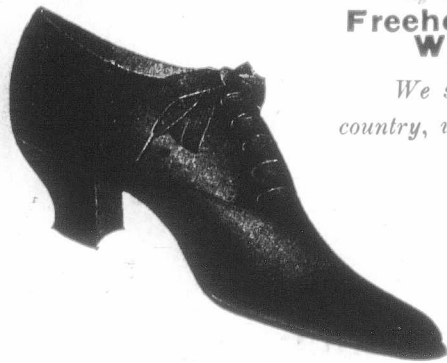
Harrison Patent Knitting Machine Co., Limited

48 Upper Brook Street, MANCHESTER, Eng.

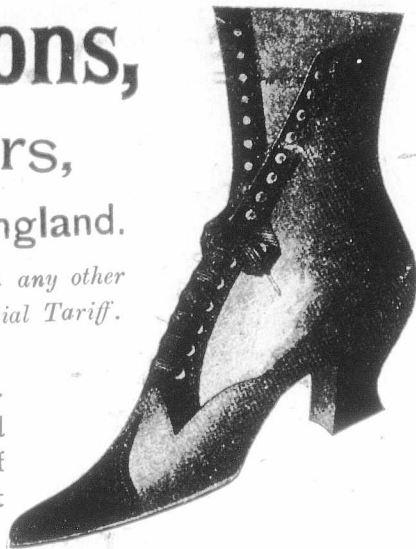
George Hassell & Sons, Boot & Shoe Manufacturers,

Freehold Shoe Works, Leicester, England.

We supply our goods 33½ p.c. less than any other country, under the New Canadian Preferential Tariff.



Our Fort is GLACE KID.
Box and Empire Calf in all grades, and we make some of the smartest Boots turned out of Leicester.



Legal Directory.

Price of Admission to this Directory is \$10 per annum.

NEW YORK STATE.

NEW YORK CITY . . . David T. Davis
(Counsellor and Attorney-at-Law)

Noble, Hasbrouck & Davis

ONTARIO.

ARNPRIOR . . . Thompson & Hunt
ARTHUR . . . M. M. MacMartin
AYLMER . . . Miller & Backhouse
BARRIE . . . John Dickinson
BELLEVILLE . . . Geo. Denmark
BLENHEIM . . . R. L. Gosnell
BOWMANVILLE . . . R. Russell Loscombe
BRANTFORD . . . Wilkes & Henderson
BROCKVILLE . . . Wood & Stewart
CAMPBELLFORD . . . A. L. Colville
CANNINGTON . . . A. J. Reid
CARLETON PLACE . . . Colin McIntosh
DESERONTO . . . Henry R. Bedford
DURHAM . . . J. P. Telford
GANANOQUE . . . J. C. Ross
GODERICH . . . E. N. Lewis
HAMILTON . . . Lees, Hobson & Stephens
INGERSOLL . . . Thos. Wells
IROQUOIS . . . A. E. Overell
KEMPTVILLE . . . T. K. Allan
LEAMINGTON . . . W. T. Easton
LINDSAY . . . McLaughlin & McDiarmid
LINDSAY . . . Barron & Steers
LISTOWEL . . . S. B. Morphey
MOUNT FOREST . . . W. C. Perry
LONDON . . . W. H. Bartram
L'ORIGNAL . . . J. Maxwell
MITCHELL . . . Dent & Thompson
MORRISBURG . . . Johnston & Bradfield
NEWMARKET . . . Thos. J. Robertson
NIAGARA FALLS . . . Fred. W. Hill
NORWOOD . . . T. M. Grover
OAKVILLE . . . R. S. Applebe
ORANGEVILLE . . . W. J. L. McKay
OSHAWA . . . J. F. Grierson
OWEN SOUND . . . A. D. Creasor
PETERBOROUGH . . . Roger & Bennet
PETROLEA . . . H. J. Dawson
PORT ARTHUR . . . David Mills
PORT ELGIN . . . J. C. Dalrymple

Legal Directory.

ONTARIO—Continued.

PORT HOPE . . . Chisholm & Chisholm
PORT HOPE . . . H. A. Ward
PRESCOTT . . . F. J. French, K.C.
SARNIA . . . A. Weir
SAULT STE. MARIE, Elgin Myers, K.C.
SHELBURNE . . . John W. Douglas
SMITH'S FALLS

Lavell, Farrell & Lavell

ST. CATHARINES, E.A. Lancaster, M.P.
ST. MARY'S . . . Armour W. Ford
ST. THOMAS . . . J. S. Robertson
STRATFORD . MacPherson & Davidson
TRENTON . . . MacLellan & MacLellan
TEESWATER . . . John J. Stephens
THORNBURY . . . T. H. Dyre
TILSONBURG . . . Dowler & Sinclair
TORONTO . . . Roaf & Roaf
TORONTO . . . Jones Bros. & McKenzie
UXBRIDGE . . . J. A. McGillivray
VANKLEEK HILL,

F. W. Thistlethwaite

WATFORD . . . Fitzgerald & Fitzgerald
WELLAND . . . L. Clarke Raymond
WINGHAM . . . Myer & Dickinson
WINDSOR . . . Patterson, Murphy & Sale
WALKERTON . . . A. Collins
WALKERTON . . . Otto F. Klein

QUEBEC.

BUCKINGHAM . . . F. A. Baudry
MONTMAGNY . . . Albert J. Bender
PERCE & NEW CARLISLE, Jos. Garon
RICHMOND . . . Edward J. Bedard
STANSTEAD . . . Hon. M. F. Hackett
SWEETSBERG . . . F. X. A. Giroux
WATERLOO . . . C. A. Nutting

NOVA SCOTIA

AMHERST . . . Townshead & Rogers
ANNAPOLIS ROYAL . . . H. D. Ruggles
ANTIGONISH . . . A. Macgillivray
BRIDGETOWN . . . T. D. Ruggles & Sons
BRIDGEWATER, Jas. A. McLean, K.C.
KENTVILLE . . . Roscoe & Dunlop
LUNENBURG . . . S. A. Chesley
PORT HOOD . . . S. Macdonnell
SYDNEY . . . Crowe & Burchall
SYDNEY, C.B. . . MacEchen & McCabe
YARMOUTH . . . E. H. Armstrong
YARMOUTH . . . Sandford H. Pelton

Legal Directory.

NEW BRUNSWICK.

CAMPBELLTON . . . H. F. McLatchy
EDMUNSTON . . . A. Rainsford Balloch
HAMPTON . . . A. Le B. Tweedie
MONCTON . . . Harvey Atkinson
SUSSEX . . . White & Allison

PRINCE EDWARD ISLAND.

CHARLOTTETOWN,
McLeod & Bentley
CHARLOTTETOWN,
Morson & McQuarrie

MANITOBA.

PILOT MOUND . . . W. A. Donald
SELKIRK . . . James Heap
WAWANESA . . . Jos. H. Chambers

BRITISH COLUMBIA.

NEW WESTMINSTER,
Morrison & Dockrill
ROSSLAND . . . P. McL. Forin

NORTHWEST TERRITORY.

CALGARY . . . Lougheed & Bennett
CALGARY . . . McCarthy & Stuart
EDMONTON . . . Bown & Robertson
RED DEER, Alberta . Geo. W. Greene

Legal.

Toronto, Ont.

JONES BROS. & MACKENZIE,
Barristers & Solicitors,
Canada Permanent Chambers, Toronto.
CLARESON JONES, BEVERLY JONES,
GEO. A. MACKENZIE, C. J. LEONARD.
English Agent: JONAS AP JONES,
99 Cannon St., London,
Commissioner for N. Y., Illinois and other States

MAC ECHEN & MACCABE,
Barristers and Attorneys-at-Law,
Notaries Public, etc.,
MacDonald's Block, Sydney,
Cape Breton, Nova Scotia.
Real Estate and Commercial Law
receive Special Attention.

GIBBO
Office
Geo. C. G.
L AJOI
Provincial
H. G.
SMYTH
E. H. SMYTH
M OCAU
W. H.
LAW W
tles,
your patr
TH
MI
MANUF
OF
EXHA
VENT
and B
W
Reduced
on Apr
GLO
SCHW
29. Nor

Legal.

GIBBONS, MULKERN & HARPER,
Barristers, Attorneys, &c.
Office: Corner Richmond and Carling Sts.
GEO. C. GIBBONS, K.C., P. MULKERN;
FRANK F. HARPER

L AJOIE & LACOSTE,
Advocates.
Provincial Building, 7 Place d'Armes,
Montreal.
H. GERIN-LAJOIE, LL.L., PAUL LACOSTE, LL.L.

Kingston, Ont.

S MYTHE & LYON,
Barristers, Solicitors, &c.,
R. H. SMYTHE, LL.D., K.C. H. I. LYON.

Seaforth, Ont.

M cCAUGHEY & HOLMESTED,
Barristers, &c.

London, Ont.

W. H. BARTRAM,
Barrister, Solicitor, Notary, &c.
OFFICE: 99 DUNDAS STREET WEST.

LAW WORK being one of our special-
ties, we hope you will favor us with
your patronage.

JOURNAL OF COMMERCE,
171 St. James Street, Montreal.

Caverhill, Learmont & Co.,

Wholesale **HARDWARE & METAL MERCHANTS,**

Caverhill's Buildings, St. Peter St.,

Largest and most complete stock of
SHARP HARDWARE in the Dominion.

MONTREAL.

ESTABLISHED 1866.

E. JENNINGS & CO'Y.

Leicester, England.

For Ladies' & Girls

High Class Footwear,
"LILY" BRAND.

Makers of the Celebrated
"CHIEFTAIN" Brand of

Boys' BOOTS & SHOES,



GAITERS
A SPECIALITY.



Special prices to Canadians under the New Tariff.

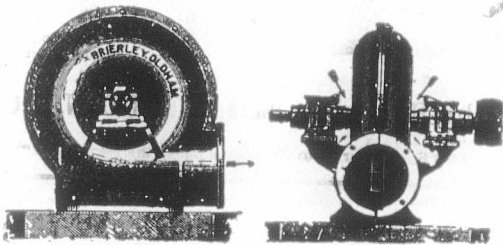
THOMAS BRIERLEY

Mining and Ventilating Engineer,

MANUFACTURER OF **OLDHAM, ENG.**

EXHAUSTING, VENTILATING **FANS**
and BLOWING

With all the Latest Improvements.



Reduced Price List
on Application.

Export Orders
& Specialty.

Telegrams: "MILLS," STOCKPORT.

JAMES E. MILLS,

Heapriding Hat Works,

STOCKPORT, ENGLAND.

And at 27 Milton Street,
LONDON, E. C., ENG.

Wholesale Manufacturer of

Soft, Stiff and Flexible
Fur Felt Hats.

Specialities in EXTRA LIGHT HATS for the Colonial Markets.

Special attention paid to Packing of Goods for Export.

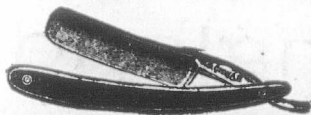
Made for the Canadian trade under the New Prefer-
ential Tariff.

ESTABLISHED OVER A CENTURY.

GEORGE JOHNSON & CO.,

Cutlery and Razor Manufacturers,

Schwab's Razors, Full Hollow Ground.



Never requires Regrinding. Black
handles 32s. per doz. Ivory handles,
50s. per doz.

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

29, Norfolk Lane, - - SHEFFIELD, ENGLAND.

CANNON IRON FOUNDRY.

Nos. 156 & 158, COSWELL ROAD, LONDON, E.C.

ENGINEERS & IRONFOUNDERS
JONES'S IRONFOUNDRIES & ENGINEERING CO. LTD

Manufacturers of all kinds of Cast & Wrought Iron Work.

ESTABLISHED 1852. THE FOUNDRY AND ENGINEERING WORKS OF THE LONDON & NORTH-WESTERN RAILWAY CO. LTD.

A LARGE QUANTITY OF PATTERNS OF EVERY DESCRIPTION KEPT IN STOCK.

Architects' Designs Estimated For, and Carefully Carried Out by Experienced Workmen.

„ The Wellington Machine Company „

Engineers & Machinists,

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

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

Works, Office and Showrooms:

Wellington Road, - - - STOCKPORT, Eng.

(Cut will be inserted as soon as received.)

STEVENS & Co.,

322 Old Street,
LONDON, E.C., Eng.

Warehouse:

58 Charlotte Street, Old Street, Eng.

GLASS, LEAD, OILS, COLORS, BRUSHES,
VARNISHES, SANITARY GOODS, Etc.

Silvered Bevelled Plate Glass, Silvered
Plate Glass in Black Bead Frames, Plate
Glass for Shop Fronts, &c.

ESTIMATES ON APPLICATION

The JOHN L. CASSIDY CO., Ltd.,

....IMPORTERS OF....

China, Crockery and Glassware,
FROM ALL COUNTRIES.

339, 341-343 St. Paul Street,

MONTREAL, Que.,

BRANCHES—Ottawa, Ont.; Winnipeg, Man.; Victoria, B.C.

Saddlery, Harness and Horse Clothing

UP-TO-DATE

MANUFACTURED IN LONDON BY

W. Jenkinson & Company,

ON THEIR OWN PREMISES AT

Albion Hall, White Street, Moorfields, LONDON, E.C., Eng.

Saddlers' Ironmongery.
Best Quality and Styles.
Quick Delivery Guaranteed.

Cash with Orders. Bankers: Bank of England.

Lists Posted on Application.

These Saddlery and Harness are made by hand, for Canadians
under the New Tariff, 88½ p.c. in their favour.

Telegraphic Address: "TANTIVY, London."

A.B.C. Code

TASMAN REFRIGERATOR CO.,

The Sole Makers of the Original

"TASMAN" Refrigerator

Manufacturers of Special Designs of

CHEFS' REFRIGERATING CABINETS.



SUPPLIED TO

The Midland Ry. Co.

The Glasgow and South West-
ern Railway Co.

The Grand Hotel Northumber-
land Av., London.

The Inns of Court Hotel, Hol-
born, London.

The Horseshoe Hotel, Tot-
tenham Court Rd., London.

Approved by many Hotel
Managers and Leading Chefs.

Particularly adapted for
Hotels, Restaurants, Hospitals
and Infirmarys.

Enquiries, Etc., and Orders,
through Merchants.

40 Baltic St., Golden Lane, LONDON, E.C., Eng.

Special terms to Canadians under the New Tariff.

WILLIAM HOWKINS,

MEDIUM GRADE

LADIES' BOOTS and SHOES,

Supplied to Canadians under the New Tariff.

CUMBERLAND STREET,

LEICESTER, - - England.

Cuts will be inserted when received.

Works:

The La

M

Dian

Blac
Oliv
Cotto

Coom

Bluc
For V

Naphth
Naphth

NAME:

Telegra

Aqu
Pur
all
Hyc

Strong H

Tinsle

E

Lo

Shoe

Best. H

All the
can be
Moderat
Unifor
These O
Country,

Works: CRUMPSALL VALE. Office: MINSHULL ST.
Telegrams: LEVINSTEIN, Manchester

LEVINSTEIN, LIMITED,
Manchester, Eng.

The Largest Colour Manufacturers in Great Britain

Makers of the various Basic and Acid Colours for the
Dyeing of Wool, Cotton, Silk, Jute, Leather, Paper, &c.

SPECIALITIES (PATENTED)

Dianol

Blacks, Browns, Reds,
Olives, Yellows, &c, direct
Cotton Colours.

Thionol

Blacks Browns &c., Fast
Cotton Colours, dyed in one Bath.

Coomassie

Blues, Blacks, &c., &c.,
For Woollen and Mixed Goods.

Crumpsall

Blues, Yellows, &c., (For
Wool and Calico Printing).
Browns, Reds, &c., Direct
Cotton Colours.

NAPHTHALINE and NITRONAPHTHALINE.

Naphthol and Naphtholsulphoacids.
Naphthylamine and Naphthylaminesulphoacids.

AMIDONAPHTHOLSULPHOACIDS.

NAME.

ADDRESS TABLETS
IN IVORY AND BONE

BRASS, COPPER, GERMAN SILVER, ZINC,
LETTERS ENGRAVED OR IN RELIEF.

TABLETS LETTERED
FOR ALL PURPOSES

ENDOLITHIC MFG. CO. LTD
61, FORE ST. LONDON E.C.

PLATES.

Telegrams: "CHEMICALS, SHEFFIELD."

J. WILKINSON & SON,

....Makers of....

Sulphuric, Muriatic, Nitric, Nitros and Fluoric Acids.

Aqua-Fortis Strong Dipping Acid (Brass and Silver).
Pure Cyanide of Potass. Liq. Ammonia Fort 880, and
all Chemicals for Electro-plating. Chemically Pure
Hydrochloric, Nitric, Acetic and Sulphuric Acids.

Strong Hydro-Fluoric Acid and Matting Acid for Glass Decorating.

Embossing Black. Peroxide of Hydrogen.

Tinsley Park Rd., - SHEFFIELD, Eng

Ellis & Co.,

177, CITY ROAD,

London, E.C., - England.

Shoe Bows and Rosettes, Buckles,
Ornaments, Slides, Tassels.

Best House in the Trade for Vamp Beading and
Embroidering.

All the Latest Samples for SHOE ORNAMENTATION
can be inspected at above address.

Moderate Prices, Good Designs, Reliable Workmanship and
Uniform Quality with Samples our Specialty.

These Ornamentations are supplied 33 1/3 p.c. less than any other
Country, under the New Canadian Tariff.

IMPORT DUTY Under New Tariff is
greatly reduced.

Our Speciality

IS

Boys Sailor & Canadian Suits
in Serges, Tweeds & Velvets
in Great Variety.

Patterns sent free of charge or
Sample Parcel sent on receipt of \$10.
or trade references.

Specially adapted for Colonial trade.

WHITE

E. BERGER & CO.,

FAMOUS WORKS,

Rutland St., - ENGLAND.

F.O.B. London or Liverpool.

Telegraphic Address: "BERGER," Lester

Cut will appear when received.



CRISTOGRAPHS

To represent Stained
Glass Windows.

Cheaper & more durable
than any other Trans-
parent Window Deco-
ration.

Particulars and Illustrated
Catalogues of

Landeker & Brown,

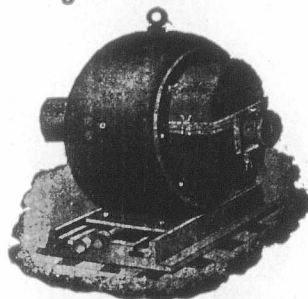
Wholesale and Export
Stationers and Fine
Art Publishers

28 & 30 Worship St.;
LONDON, Eng.

McCLURE & WHITFIELD,

STOCKPORT, ENGLAND.

Mersey Dynamos and Motors.



Telegraphic Address:
"MOTORS, STOCKPORT."

Special Rates to Canadians under the New
Tariff.

John Rigby & Sons,

LIMITED.

Salford, Manchester, Eng.,

Manufacturers
of . . .

**WIRE OF ALL
DESCRIPTIONS.**

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

T. SHEPPARD & CO.,

Engineers & Shoe Machinists,
315 Belgrave Gate,
Leicester, ENGLAND.

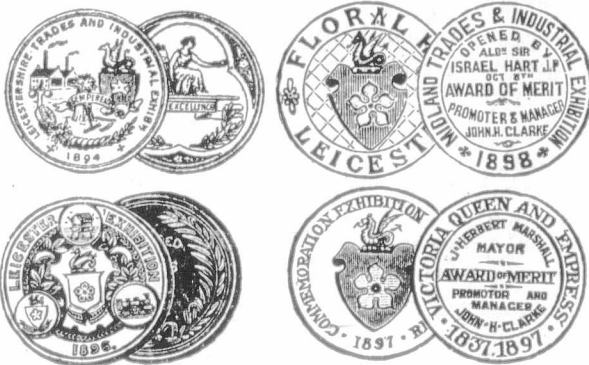
Every Manufacturer should see
our NEW DESIGNS in

Clicking and Revolution Presses.

We make a Stronger
and Heavier Machine, and
charge less money for it,
than any other house in
the trade.

SPECIAL NOTE.

These Shoe Machines, are supplied to the Canadians by us, 33 1/3 p.c. in their favour, under the New Preferential Tariff.



Sole Cutting Knives ASPECIALTY.

Our Deep Knives for the
Revolution Press are guaranteed
to be of the best steel and work-
manship.
Depth 4 inches and 4 1/8 inches

FACTORIES FITTED THROUGHOUT.

Price List on Application.

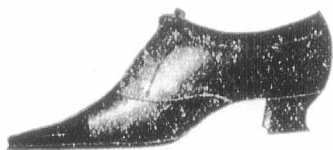
Royce, Gascoine & Co., Limited,

Great Central Street,
LEICESTER, England.

Manufacturers of

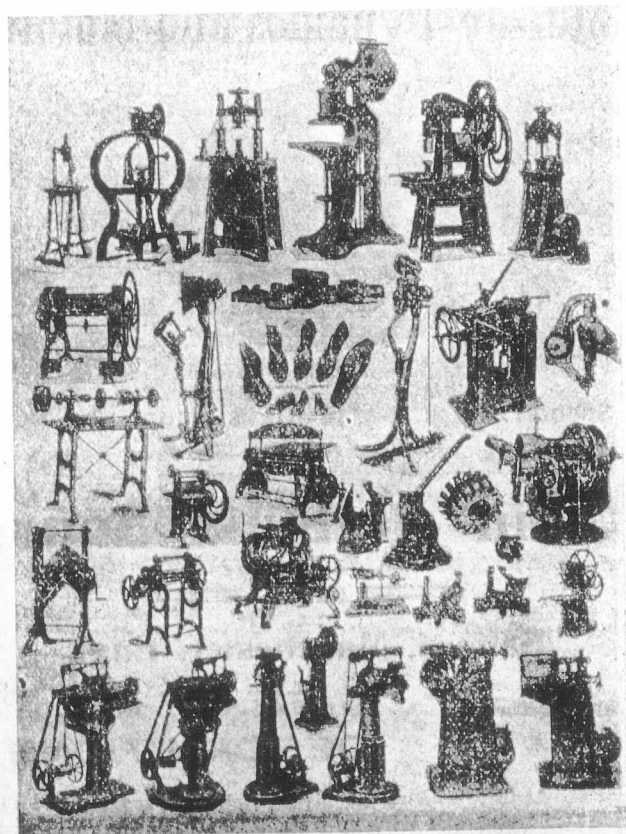
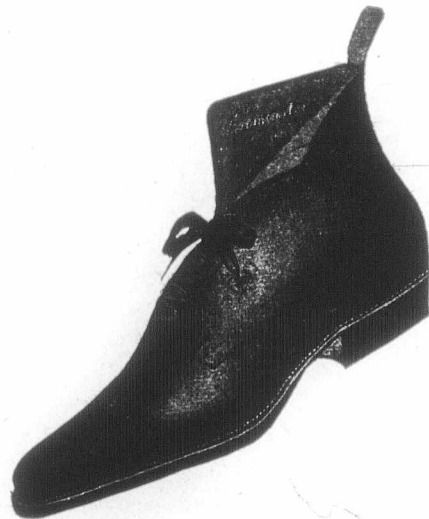
Boots & Shoes,

For the Colonial Markets.



Telegraphic Address;
"ROYCE," Leicester.

A.B.C. Code.



Gimson & Co.,

(LEICESTER), LTD.,

LEICESTER, ENGLAND,

Manufacturers of

Fine Shoe Machinery

Complete Factories fitted with all necessities, from
the power to the Treeing Off Department.

SPECIALITY

Our Patent "RAPID CLIMAX," Cutting Presses for
Dieing out Soles, Insoles, &c. The Fastest, Simplest and
most Powerful Press IN THE WORLD.

We make every class of Machine for the Shoe Trade
including:

- Patent Loose Riveting,
- Leicester Laster,
- Automatic Hand Tackers.
- Heeling, Paring and Finishing Machines. Patent Corrugated
Dieing-out Cutters. Lasts and all Accessories.

Illustrated Catalogue sent with Pleasure please apply.

Telegrams: { London, "Weighbeam"
Stroud, "Waller Brimscombe."

Sanitary Ironwork & Appliances

Cesspool Pumps, Vans, Hose Reels, &c., as supplied to numerous Local Authorities and Public Institutions, &c. Hygienic and other Airtight Manhole and Inspection Covers. Fresh Air Inlets and Ventilating Gratings, as used by the School Boards for London, Birmingham, &c.

**IMPROVED GREASE TRAPS
CAST IRON DISCONNECTIONS,**
4 in. to 12 inches.

Penstocks, Flushing Gates, Tide Valves, (4 in. to 10 Water and Sewage Pumps with Steam, Gas or Oil Engines, as supplied to Corporations and Waterworks, Trapped Rain Stable and Brewery Gulleys, Improved Concrete Mixing Machinery.

Geo. Waller & Co., 165 Queen Victoria St., London, E.C.
ENGLAND.
Works at **STROUD,** Gloucestershire.

Subject New Canadian Tariff.

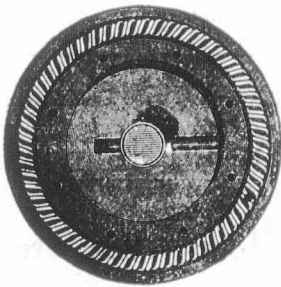
Telegrams: "BUCKLEY," SHEFFIELD.

WM. BUCKLEY & CO.,

Patent Piston Works

SHEFFIELD, ENGLAND

SOLE
MAKERS.



The Principal

**PISTON
MAKERS**
in England.

Inventors and Patentees of the Original BUCKLEY'S HELICAL SPRING COMPENSATING PISTON, which we have brought to perfection.

Agent for Germany:

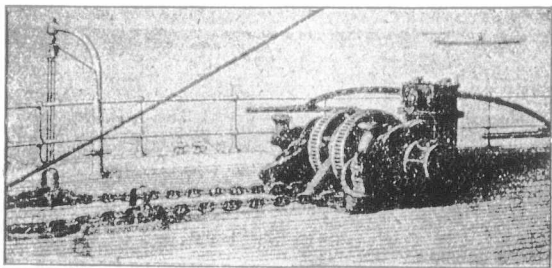
C. MORRISON,
Admiralitat - Strasse, 40,
HAMBURG II.



Agents for Scotland:

LEES, ANDERSON & CO.
GLASGOW.

F. O. B. at Manchester, under the new Preferential Tariff.



HARFIELD & CO., LONDON, Eng.

Patent Steam Engine Windlass, with Manual Levers, Compound Brakes and Frictional Connectors, and Reversing Action.

(Cables leading to underside and paying down through Pipes in Side Standards into Lockers underneath.)

Special terms to Canadians under the New Tariff.

W. MOORE,

CHILDREN'S FINE SHOES SPECIALITY.

Wholesale Boot and Shoe Manufacturer.

Special Prices to Canadians
under New Tariff.

Excelsior Works, Asfordby Street,

LEICESTER, ENGLAND.

JAMES PERCIVAL & COMPANY,

Rolleston St.,
LEICESTER, England.

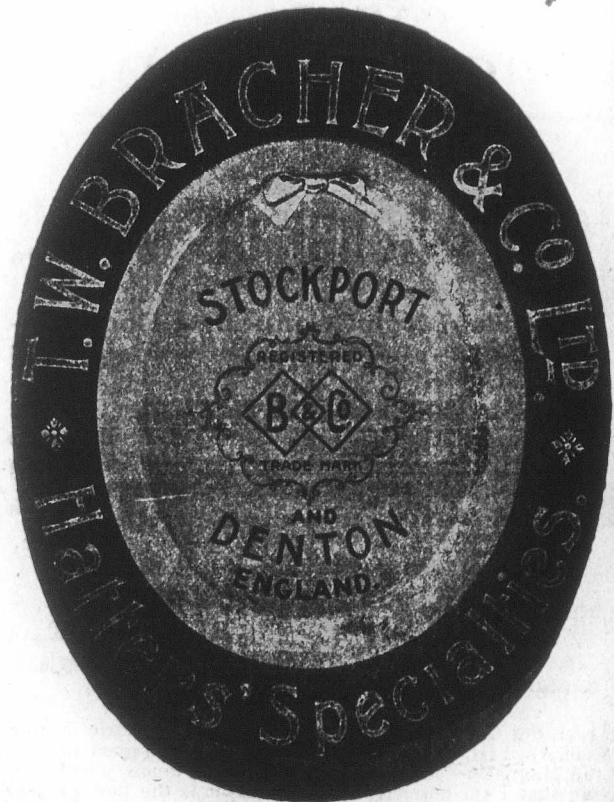
Specialties:

Football Boots,
Cycling Shoes,
Rubber Heeled
Ward Shoes,
Children's Cheap
Oxford
and 2-Bar Shoes.



All Shipping Orders Receive Prompt Attention.

Manufactured under the New Canadian Tariff.



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

George Spencer, Moulton & Co., Limited

77 Cannon St., London, E.C., Eng.

And Bradford-on-Avon, Wilts.

MECHANICAL ENGINEERS FOR INDIA RUBBER APPLICATIONS,

Manufacturers of Patent India Rubber Buffer and Draw Springs.

Fibrous Steam Packing, Hose Pipes, and all kinds of India Rubber Articles for Railway and other Mechanical Purposes.

SOLE LICENSEES FOR A. G. SPENCER'S PATENT BUFFER AND DRAW SPRINGS.

SOLE LICENSEES FOR ANDERSON'S PATENT VENTILATORS FOR RAILWAY CARRIAGES.

Telegrams: "Preston, Leicester."

Established 1857.



Makers of the Celebrated Satin Cloth Elastic Web.

W. Preston & Son,

ELASTIC WEB

Manufacturers for Export

Of all kinds of ELASTIC BOOT WEBS.

WHARF STREET,

Leice str, Eng

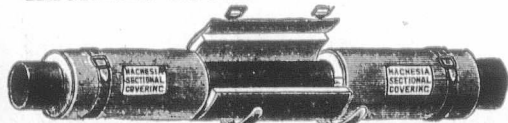
Established 1879.

John Thompson & Co.,

MANUFACTURERS OF:

The Real Non-Conducting Composition, Asbestos, Silicate Gotton (Slag Wool).

MAGNESIA MOULDED PIPE SECTIONS.



Dealers in Red and Black Varnish.

Thousands of References and Testimonials on Application.

John Thompson & Co., ALBION PLACE, RUSSELL ST., ASHTON-UNDER-LYNE, England.

Supplied to Canadians under the New Tariff.

From the CORPORATION OF SUNDERLAND Electric Supply Station, April 1st, 1896.—"As to the suitability and good qualities of the Magnesia Sectional Covering, I have much pleasure in saying that I am perfectly satisfied that it is the best non-conductor covering which I have used, and I am also so satisfied with it that, in our new extensions for two boilers and a range of steam piping, I have specified that the pipes must be covered with Magnesia Sectional Covering." I am yours faithfully.

(Signed), C. S. VESSEY BROWN.

Samuel Daniels & Son,

Wholesale and Export

BOOT & SHOE MANUFACTURERS,

ERSKINE STREET,

LEICESTER, - - England.

Cuts will appear when received.

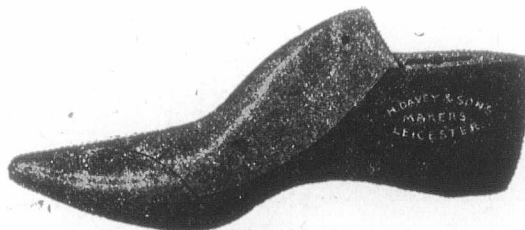
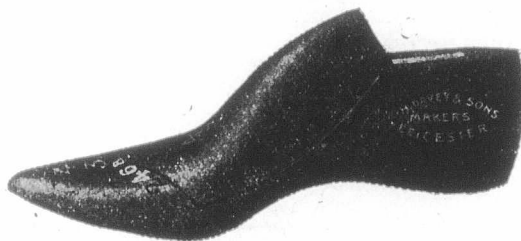
HENRY DAVEY & SONS,

Established 1800.

MODEL MAKERS,

Designers and Manufacturers of all kinds of

Wood and Iron Lasts, Knives, Boot Trees, etc.



Cumberland Works, Belgrave Road,

LEICESTER, ENGLAND.

DERMATINE

Stands rough wear and hard usage, heat, cold, steam, damp, oils, alkali and acids, better than leather, rubber, or gutta-percha.

Largely used in East and West Indies, South Africa, South America, China and Japan.

Belting,
Hose,
Valves,
Steam Joints,
Carding,



Pump Cups,
Ram Rings,
Hat Leathers,
Packing Rings,
Buckets, &c.

Manufactured only by the

DERMATINE COMPANY, LTD., 95 Neate Street, **ENGLAND.**
London, S.E.,
Telephone No. 31 Hop.

Specially stipulated for by the British, German, Austrian, Russian, Belgian and Danish Governments: the Chief Corporations and Municipalities throughout Great Britain, the Continent, and the Colonies; also Chief Engineers and Chemical Manufacturers throughout the World.

Sensible Tea Pots!

(PATENT).

ELECTRO-PLATED.



1900 Queen Anne Pattern.

The side hinge prevents the lid falling on the handle, and is more convenient for filling. The lid does not close when the teapot is tilted.



1901 Georgian Pattern.

Push-forward Knife

With GUARD and REST.

To prevent the hand slipping on the blade, and to aid and relieve the hand in cutting. Attached to Butchers' Sticking, Siding and Scymeter Knives; also to Ham and Beef Slicers, Cloth Cutting Knives, Bread Knives, Fishmongers' Knives, Carvers, Choppers, etc.

LISTS ON APPLICATION.

E. T. Markham & Co., 42-41, Cloth Fair, **LONDON, E.C., England.**
West Smithfield,

Inventors and Patentees of Oval Duplex Steels, and of Cruets with Mustard Lids HINGED on the stem of the Cruets instead of being fixed on the glass.



WILLOWS' REFRIGERATING Co., LTD.,

Dairy Utensil Manufacturers,

**309 GRAY'S INN ROAD,
London, W.C., Eng.**

Manufactured for Canadians under the New Canadian Preferential Tariff, 33 1/3 p.c. less than any other country.

A.B.C. Code.

Telegrams: "SYPHON," Manchester.
Works: LITTLEBOROUGH.

John Tetlow & Sons, LIMITED.

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

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

Speciality:

Tetlow's Tested Sewer Pipes. Portland Cement.

Special prices to Canadian builders under the New Tariff. F.O.B.
Manchester.
Have supplied the Manchester Corporation for several years.

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.

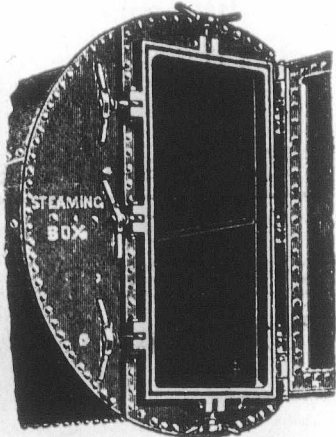
"Every Factory in Canada should
"use the best Belting. Our
"EXTRA" brand.

The J. C. McLaren Belting Co.

FACTORY:

MONTREAL. TORONTO. VANCOUVER.

STEAMING BOXES. LOGWOOD STILLs.
BLEACHING KIERS. STEAM CASED PANS.



5252525252525252

F. S. Cooper,

Dolphin Foundry,

74 & 76 CHAPEL ST.,
MANCHESTER, . . .

Manchester, Eng.

52525252 25252525

Tanks made suitable for shipment and
riveting up abroad.

ESTABLISHED 1794.

E. C. Parkes & Son,

Brass Rule Makers, Printers' Joiners

AND MANUFACTURERS OF

. . High Class Printing Materials . .

One quality only especially adapted for the Colonies. Inventors
of SPRING BRASS RULE. Combination and all patterns of
FANCY RULE. Column Head and Border Rules. Wood Fur-
niture of the finest Memel Oak. Mallets, Planers and Quoins,
best Beech Cases, Case Frames, &c., of the very best manufacture.

Address: 14 New St. Hill, Shoe Lane, Fleet St., E.C.,

Late of 142 Fetter Lane,

LONDON, E.C., ENG.

SAMUEL FLINT,

ELASTIC WEB
MANUFACTURER,

Forest Road Mills,

Leicester, England.

Special prices to Canadians under the New Tariff.

JOHN MORRISON & SON,

Plasterers &

Contractors

Estimates given for

PLASTERING, CEMENT WORK,

— TILING, ETC. —

ALSO

PLASTIC MARBLE CO'Y,

JAS. MORRISON, Proprietor. G. F. SIMPKIN, Manager.

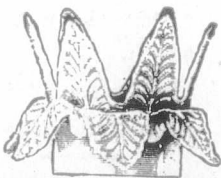
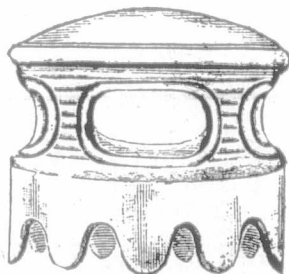
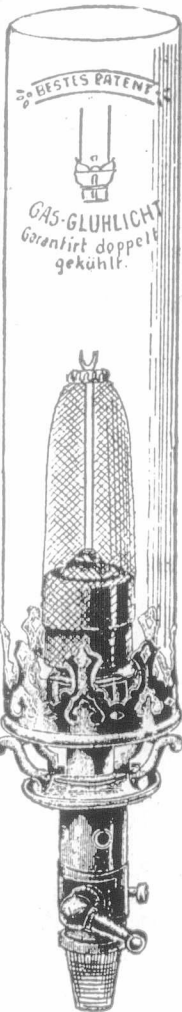
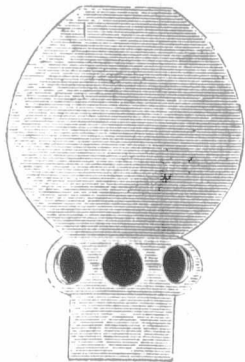
Manufacturers
of

Columns, Pilasters, Pedestals
& Dado work.

Samples on view at Office.

Bear 110 Mansfield Street, Montreal, Que.

The Continental Incandescent Gas Light Co., Ltd.,
92, 93, 94, 95 & 96 Bishopsgate St., Without,
LONDON, E.C., Eng.



The Leading House for all Goods connected with the Incandescent Lighting Trade, including

- BURNERS,
- BYEPASS BURNERS,
- MICA GOODS,
- GLOBES.
- FANCY COLLARS,
- GLASS CHIMNEYS,
- BULBS,
- SHADES and JENA GLASS NOVELTIES.

Illustrated Catalogue and Price List Free on Application.

Roger Brighthouse,

Contractor to His Majesty's Government

15 Sugar Lane,
MANCHESTER, Eng.

Manufacturer of all kinds of

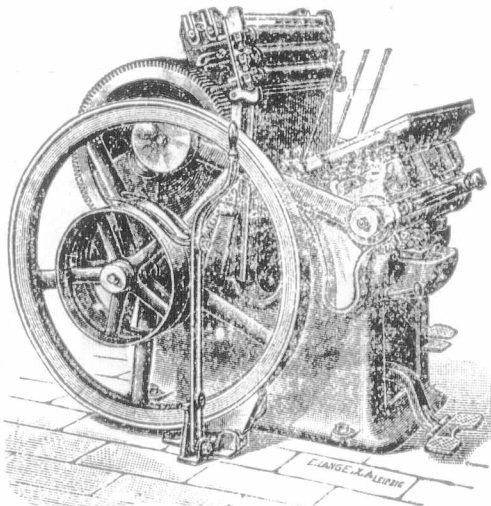
Ropes & Twines, Cotton Banding, Engine Yarns, Hemp & Cotton Gaskins, &c.

Head, Dobby & Jacquard Cords a Speciality.

COTTON DRIVING ROPES,

Also Hessians, Oil-Cloth and Waterproof Packing.

Special Prices to Canadians under the New Tariff



TO BE UP-TO-DATE,
AND KEEP ABREAST OF
THE TIMES

YOU MUST

Know our Presses as the very latest Platen now in the market. A Machine calculated by Experts to meet any demands within the scope of the work of the Printer, and even outside that area. To be known to be realised.

Above Advertisement is set in our "Admiral" Series.

SOLDAN & CO.,

72 to 75 Turnmill Street,
London, E.C., ENG.

GUARANTEED

PURE G. & Co. POLISH

For Furniture, Pianos, Etc

The Finest Quality in England, made Specially for Tropical Climates.

All kinds of Oil and Spirit Varnishes, Polishes and Stains.

Lacquers for Brass and Tin Goods for both Hot and Cold processes, in all Colors and Shades.

Special Bitumen Black Protective Varnish, for Iron-Wood, Ships' Bottoms, Barges &c. It is Unequaled for resisting Damp, and preserving Wood from decay, and Iron from Rusting; for Wood or Iron Fencing there is nothing better. It can be used with great success as a Stoving Enamel. We have established a great reputation by the Excellence and Uniformity of Quality of all our Manufactures.

ADDRESS:

GEDGE & Co.,

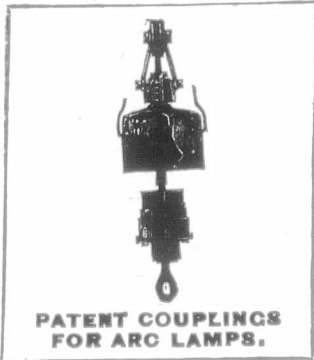
90 & 92 St. John St.
LONDON, E.C., Eng.

Enquiries will be Esteemed. Prices on Application.

Special prices to Canadians under the New Tariff.

Codes : A.B.C., Engineering.

Cable Address : "BRAULIK," London



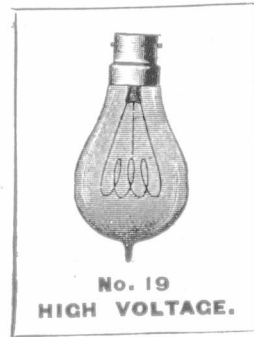
G. BRAULIK,

217 & 218 Upper Thames St.,
LONDON, Eng.

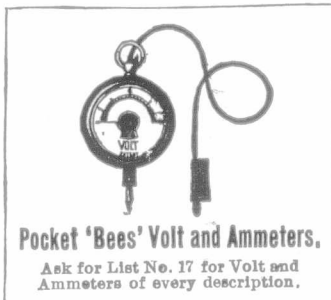
115 Bath Street, GLASGOW, Scotland.
And 39 Pitt Street, SYDNEY, N.S.W.

The Best and Cheapest House for all

ELECTRICAL SUPPLIES,



**BELLS,
INDICATORS,
TELEPHONES,
ARC LAMPS,
(English Manufacture.)
INCANDESCENT LAMPS,
"The London Standard."
(Very special prices quoted for contracts.)
CARBONS,
VOLT & AMPERE METERS,
MOTORS & DYNAMOS.**



Switches, Switchboards, Cut-Outs and all Lighting Accessories, Wires and Cables

**STANDARDS,
BRACKETS,
ELECTROLIERS.**

Special terms to Canadian Houses under the New Tariff Regulations.

Correspondence respecting Agencies is invited from well established houses in the Dominion.

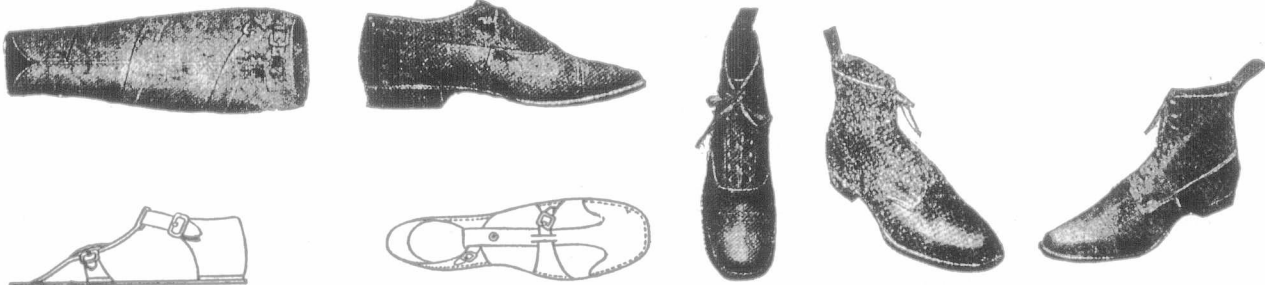
The New "FLAME" Arc Lamps a Speciality.

C. G. ALLEN & SON,

70 OXFORD STREET,
LEICESTER, ENG.

Manufacturers of the World Renowned

OXFORD BRAND of Boots, Shoes and Sandals and Leggings.



The Canadian Workman's Boot.

The Standard School Boot for Boys and Girls.

The Durable " " " "

The Thoroughgood " " " "

These Standard Lines cannot be beaten for Price and Durability.

Football Boots, The Kickeese, Patent No. 23016. Cycle Shoes with Special Neverslip Soles in M.S. orn Veldt Choen. Gents, Ladies Boots in all Styles and Varieties. Our Boys and Girls School Boot, defy Competition.

Specially made for Canadians under the New Tariff, 33 1/3 p.c. in their favour.

Bands, Coils, Etc.

In Emery and Sandpaper of every description for Finishing Machinery in a large variety of the best quality.

To the Shoe Trade.

We make this Fair Proposition in 1902 as

We have now made it for years.

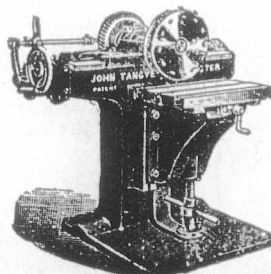
Give us a trial, we will give you satisfaction.

Waxes a Speciality. Felt Wheels and Rollers, Forepart Cutters, Heel Parers, etc., Made to Order.

**Campbell, Barrow & Co,
63 Highcross Street,
Leicester, England.**

JOHN · TANGYE,

Patent Rotary Planer



FOR FLAT WORK,
EQUAL TO BEST PLANING

In 1/8 to 1/4 the Time.

LARGER SIZES IN HAND.

106 Princess St., MANCHESTER, Eng.

Mechanical Appliances Co., Ltd.

57, Chiswell Street, London, E.C., England.

Established 1872. Contractors to H.M. Government.

—MANUFACTURERS OF—

Engineers' Tools, and all kinds of Foundry Requisites. Steel Wire Tube and Foundry Brushes. Brooms. Battery Screens. Sieves. Barrows, etc. Shafting. Pulleys. Hangers. Plummer Blocks, etc. Drill Steel. Picks and Shovels.

Mining Engineers & Contractors.

Bankers: National Provincial Bank of England, Ltd., Head Office, London.

Cuts will be inserted when received.

Stationery

A Special Line.

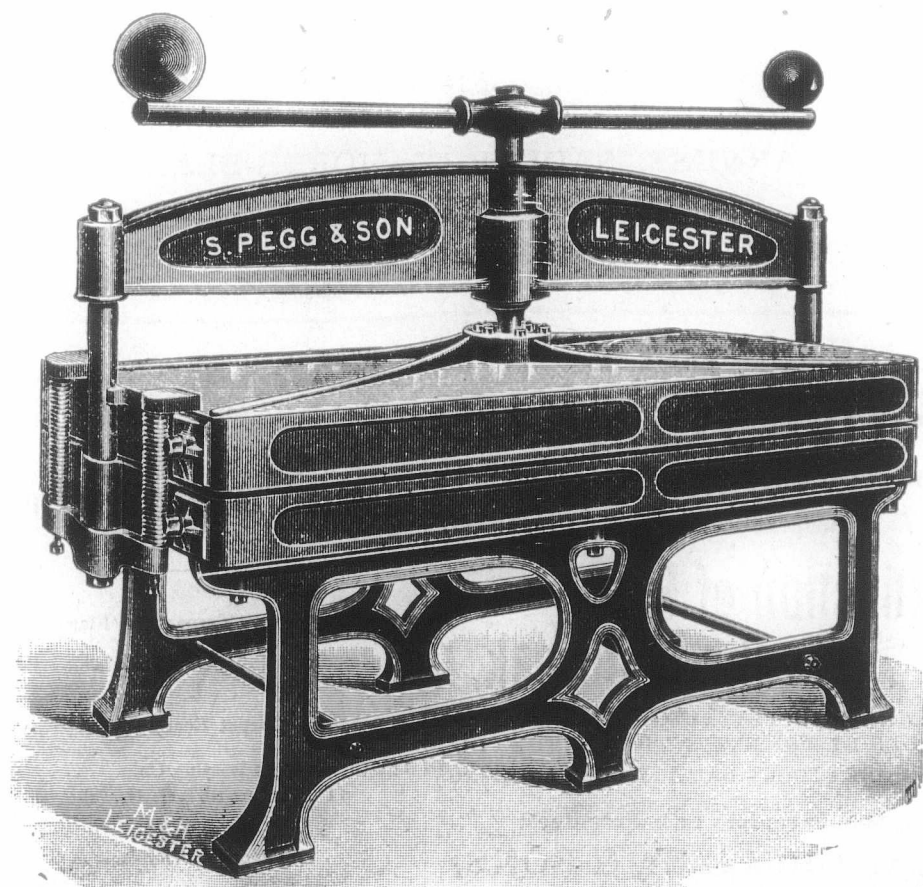
Good, Straightforward Stationery
at straightforward prices.

Journal of Commerce Job Department,

Send for Estimate.

171 St. James Street.

Mail Orders receive our best attention.



SPECIALITY:

HOSIERY

Finishing

Machinery.

In use in all the
Principal Factories
throughout the country.

Every Machine Guaranteed.

S. Pegg & Son,
Alexander Street,
LEICESTER, - England

Send for Illustrated
Catalogue.

SHIRT PRESS.
Improved Steam Presses for Shaping
and Finishing Hosiery Goods.

Leading Manufacturers, Etc.

D. MORRIGE, SONS & CO.

MONTREAL and TORONTO.

Manufacturers' Agents and
General Merchants,

The Canadian Colored Cotton Mills Co.,
Montreal,

MILLS AT

Cornwall, Hamilton, Merriton,
Milltown, Gibson Cotton Mill,
Marysville, Hamilton Cotton Co.

Shirtings, Gingham, Ticks, Cottonades, Oxford,
Deans, Flannelles, Yarns, Awnings, Dress
Goods, Sheetings, etc.

THE PENMAN MANUFACTURING CO.,
PARIS.

Mills at Paris, Thorold, Port Dover, Coastcook.
Ladies' and Gent's Wool and Cotton Underwear,
Topsirts, Socks, Hosiery, Balbriggans, etc.

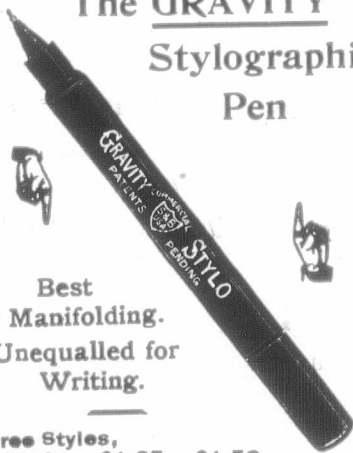
THE AUBURN WOOLLEN MAN'FG CO
PETERBOROUGH.

Tweeds, Beavers, etc.

WHOLESALE TRADE ONLY.

The **GRAVITY**

Stylographic
Pen



Best
for Manifolding.
Unequalled for
Writing.

Three Styles,
\$1.00 \$1.25 \$1.50

* MORTON, PHILLIPS & CO., *
Stationers, Blank Book Makers and Printers.
1165 & 1167 Notre Dame St., Montreal.

WANTED TO BUY

An Asbestos Mine. Address with
full particulars,
Rochdale,
Care "Journal of Commerce"
Montreal.

Leading Manufacturers, Etc.

To **Woolen Manufacturers**

MESSRS. REICHE & Co.
Wool, Tops, Noils, Yarns, &c.
BRADFORD, Eng.

Represented in Canada by

JAS. A. CANTLIE,
22 ST. JOHN STREET, - - MONTREAL.

Samples and lowest quotations promptly
supplied: Correspondence Solicited.

THE CANADIAN . . .
JOURNAL of COMMERCE

Do you want any Printing
this week? Our Job Depart-
ment has every facility for
turning out work promptly.
Telephone, Main 238.

171 ST. JAMES STREET,
MONTREAL.

S. & H. BORBRIDGE

OTTAWA ONT.

186 Sparks St.

88-94 Rideau St.

15-23 Mosgrove St.

Wholesale Branch at BRANDON, Man.

Wholesale
Leather
&
Saddlery-
Hardware

Wholesale
Robes
&
Fur-coats.

Manufacturers of all kinds of

**HARNESS, SADDLERY, HORSE-BLANKETS:
KIT-BAGS, TRUNKS, BAGS, VALISE:
MOCCASINS, Etc.**

Telegraphic Address: "AUTOMATIC," Leicester.

J. G. GRIMSLEY'S

MARVELLOUS INVENTION

Patent Automatic Fire Extinguisher.

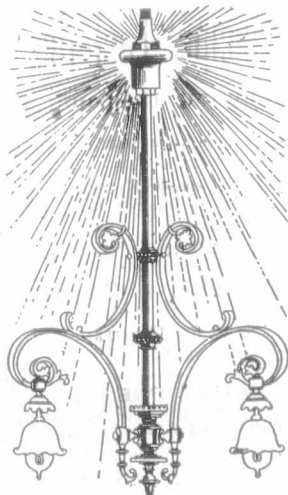
**Extinction of Fire
at the Outbreak.**

WATER SUPPLY AUTOMATICALLY SHUT
OFF BY THE EXTINCTION OF THE FIRE.
NO MORE STOCKS DAMAGED BY FLOODING.

Sole Inventors and Patentees:

J. G. GRIMSLEY & SONS,
ENGINEERS,

Halford St. LEICESTER, Eng.



52525252 5252525252 52525252

MONTREAL

MERCHANTS AND MANUFACTURERS.

Awnings, Tents Tarpanlins, Flags, Etc

Thos. Sonne.....198 Commissioners St.

Carpet Beating.

The City Carpet Beating Co.,
11 Hermine St. H. N. Tabb, Mgr.

Dry Goods, Wholesale.

Alphense Racine & Co. 340 & 342 St. Paul St

52525252 5252525252 52525252

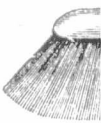
Canada

Cottonades
Shirts
Zephy
Lawn
Yarns,
Whol

D. MO

Mc

HEA



28 Sou

Factorie

Illustrated

Illustrated

"Me

Cata

EVAN

**Canadian Colored Cotton Mills
Company.**

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

Wholesale Trade only supplied.

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

BANK PRINTING.

Journal of Commerce,

Tel. Main 926.

271 St. James Street.

STORAGE

(FREE OR IN BOND)

J. A. FINLAYSON,
CUSTOMS BROKER,

418 to 417 St. Paul Street, Montreal

Bell Telephone Main 1202

P. O. Box 584.

GEO. CONTHIER,

Bell Tel.—Main 2113, *Accountant & Auditor.*
SOLE REPRESENTATIVE FOR THE PROVINCE OF
QUEBEC OF
The Account, Audit & Assurance Co., Lt
OF NEW YORK.
11 & 17 Place d'Armes Hill, MONTREAL, QUE.

Commercial Summary.

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

—The wholesale price of soft coal in New York, excluding freightage, was advanced to \$8.40 a ton.

—Inland revenue collections at Kingston, Ont., for December were \$12,474.42. Customs collections amounted to \$11,781.33.

—The homestead entries in Canada for the calendar year just closed numbered 22,194, as compared with 3,145 in 1901, being an increase of 13,049.

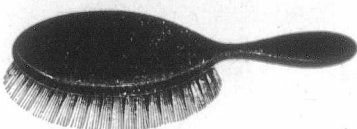
—A London cable states that three of the International Mercantile Marine Company's lines, the Leyland, Dominion White Star, have cancelled their marine insurance. It is believed the company will establish an emergency fund instead.

—The inland revenue receipts at Toronto during December totalled \$121,109.44, as compared with collections of \$115,498.33 in December, 1901. Receipts for the twelve months of 1902 totalled \$1,257,661.69, as compared with \$1,179,526.94 during 1901.

—Winnipeg is gradually increasing its prestige as an importing wholesale centre, and now stands third in the list. The customs duties collected amounted to \$1,217,997.67 in 1901 and to \$1,713,634.60 in 1902, showing an increase of \$495,636.93 for last year.

—While the year 1901 was a banner year in the business transactions of the Canadian Pacific Land Department, says a Winnipeg dispatch, the year 1902 was better by nearly \$6,000,000. The sales for the month of December totalled 577,382.61 acres, for \$1,683,289.45, as against 131,151.16 acres for \$403,261.78 in 1901. For the year of 1902 the sales were 2,420,000 acres for \$8,140,000, against 831,922 acres for \$2,640,000 in 1901. The increase in acreage sold is therefore 1,588,000 acres.

HEADQUARTERS FOR BRUSHES

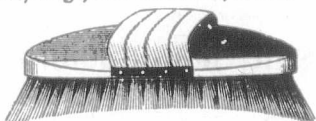


JOHN MASON & SONS,

Wholesale & Export
BRUSH MANUFACTURERS,

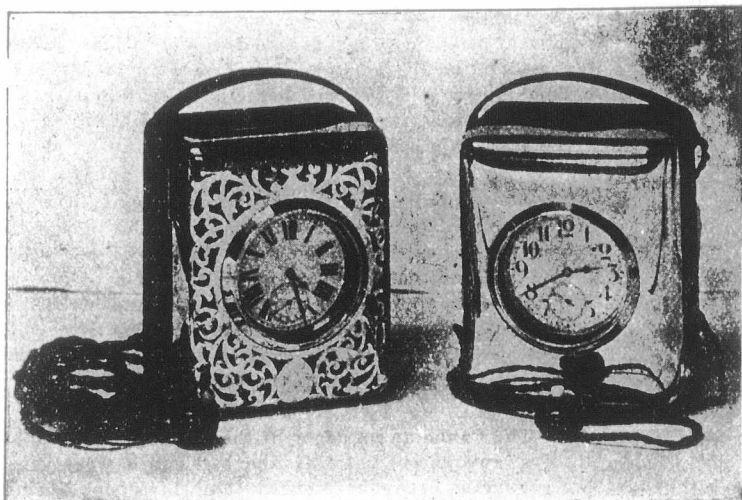
28 South St., - MARYLEBONE, LONDON, W., Eng.

Factories:—Crawford Brush Works, Clerkenwell, E.C., Eng., and Stratford, Essex.



Special under the New Tariff, 83% p.c. in favour of Canadians.

Illustrated Catalogue (144 Pages) Mailed FREE on Application.



Above Cut represents the Latest Novelties in our

"Meteor" Electric Light Cases

Solid Silver Fronts, 5 x 4 x 3.

Catalogues and F. O. B. London prices, under the new Preferential Tariff,
33 1/2% p.c. reduction off British goods.

—MANUFACTURED BY—

EVANS & MANGER, 110 Hatton Garden, LONDON, Eng.

English
Made

SAILOR SUITS!

With a Preferential Tariff
in our favour, we can
sell these suits for little
Boy at right prices for
the
**CANADIAN
MARKET.**



Our assortment of
Boys' Suits

in other fancy shapes is
not to be excelled in
Prices, Qualities, Finish,
Make or Designs.

Thorneloe & Clarkson,

Wholesale Manufacturing Clothiers,

LEICESTER, - - ENGLAND.

—Application will be made to Parliament next session for the incorporation of the Lumbermen's Fire Insurance Company.

—Toronto bank clearings for 1902 amounted to \$809,078,559, an increase of \$183,807,000 over 1901, and more than double the total of 1897.

—The Canadian Pacific Railway Company have secured considerable property in the vicinity of the Viger Square station, Montreal, with a view to enlarging their transportation facilities.

—An expert in lace manufacturing, Mr. G. Ferguson of Nottingham, England, has written to the Canadian Manufacturers' Association asking what the prospects are for the establishment of a lace industry in this country.

—Chatham, Ont., advices state that Raleigh is again stirred by the striking of oil at a depth of 500 feet on the property leased by Mr. Beringer. Experts say that it is second only to the famous gusher belonging to Mr. Gurd. They also say the well is one of excellent promise. The situation of the new well is lot 18, concession 13. This well is regarded as another indication of the permanence of the field.

—The Canada Atlantic Railway will apply to Parliament next session for authority to extend the road from a point near Whitney to Sault Ste. Marie, and also for authority to increase the capital stock and bonding power of the company, and empowering it to issue debentures and other securities. In addition to the other powers asked for by the company, they also ask for power to establish hotels and pleasure resorts.

—The Anglo-French modus vivendi governing the prosecution of the lobster fishing industry on the French shore

of Newfoundland expired on the 31st ult. The Colonial Government has agreed to renew this agreement for the present year in order to avoid complications during the consideration of the Bond-Hay Treaty in Washington and London, but it is believed here that Great Britain will arrange some settlement of the matter with France during the present season.

—The committee of the Wentworth County, Ont., Council appointed to consider and deal with the sale of the debentures issued under the good roads by-law for \$98,000, says a Hamilton letter, accepted the offer of Messrs. H. O'Hara & Company of Toronto, \$96,531, and accrued interest at 3 3/4 per cent. from December 30, 1902. This, with the \$1,050 received from the sale of toll houses, brings the amount pretty well up to the \$98,000.

—The Canadian manager of the Dominion Line of steamships, announces that this line will run a weekly passenger service between Montreal and Liverpool during the coming summer, as well as a weekly freight service between Montreal and Bristol and Montreal and Antwerp. The passenger steamers will be taken from the Boston service, and will consist of the Canada, the Kensington, the Dominion, and the Southwark. The freight steamers have not yet been chosen, but it is probable that the Manxman, Englishman, and Ottoman will be included in the number.

—Paris advices state that in consequence of the increasing menace of American competition a number of French cotton manufacturers have formed the Colonial Cotton Association to encourage the cultivation of cotton in French colonies, especially the Soudan, with the view to preventing the industry from becoming an American monopoly. The committee of the association includes ex-Ministers Siefried and Meline and Senator Waddington.

Established 1859.

TELEGRAPH ADDRESS: "PRANDO."

J. Burgess & Son,

(LATE T. & J. JONES)



—MANUFACTURERS OF—

Elastic Webs.

All business communications to be addressed to the firm.

Brougham Street Mills, Leicester, England.

—At a meeting of the creditors of Sheridan and Co., general merchandise, of Beeton, Ont., on Saturday, an assignment to S. P. Summers, of Beeton, and J. H. Lumbers, of Toronto, was accepted. The liabilities are placed at \$20,000.

—Negotiations are stated to be under way for the establishment of a new rolling mill in Toronto, which will use the products of the Dominion Steel Company. Several of the directors of the Steel Company are taking an active part in the negotiations.

—The wood famine in Winnipeg, according to a recent report from that centre, is evidently a thing of the past. There are at present 280 cars of wood in the Canadian Pacific yards—over 3,000 cords—which the company cannot get unloaded as quickly as desired.

—A Great Falls, Montana, special says the Great Falls & Canada Railway went out of existence, being formally transferred to the Great Northern. The line taps the coal deposits of the Crow's Nest field, which will supply fuel to the roads of the Northern Securities Company.

—The opening exercises in connection with the new dairy school at the Ontario Agricultural College, Guelph, Ont., will be held on the 12th instant. The following speakers are expected:—Major Henry Alvord (Chief of the dairy division, Department of Agriculture, Washington, D.C., U.S.A.), J. A. Ruddick (chief of the dairy division, Department of Agriculture, Ottawa, Ont.), D. Derbyshire (President Eastern Dairymen's Association), and Dr. Mills (President of the Ontario Agricultural College).

—A Brooklyn, N.Y., firm of coffee dealers and sugar refiners is feeding 100 horses used in its business upon molasses. Each horse will eat from 10 to 15 pounds of molasses every day, the cost being about 15 cents. It is said that the horses thrive upon this fare. The firm says that it got the idea from the United States cavalry.

—Acting Secretary of the U. S. Treasury has instructed the collector of customs at New York that in instances where a quantity of baggage destined for Canada and not sufficient to fill an entire car arrives at that port such baggage may be forwarded by bonded route, corded and sealed. This ruling will afford relief to the travelling pub-

TO

IRONMONGERS.

CHAS. DICKENS said:
"Money and GOODS are the BEST of references."

This is true of our CUTLERY and PLATE.
You want the Best References, therefore Stock

OUR WORLD-RENOWNED GOODS
as they are the
STANDARD OF EXCELLENCE.

Pen and Pocket Knives, Carvers, Razors, Table Cutlery, Spoons, Salts, Cruets, Cabinets, Tea and Coffee Services, Fish Eaters, Desserts, Etc.,
IN EXTENSIVE ASSORTMENT.

Our goods are used by the Officers and Men of His Majesty's Fleet and Army.
This we submit to be a reliable test of the excellent quality of our Goods.

PLEASE APPLY FOR SAMPLES TO
FRANK MILLS & CO.,
(Contractors to the British Government),

Hanover Works, Division St., - SHEFFIELD, Eng.

Carbide Stores, Warehouse and Salesrooms:
GEORGE STREET, CHAPEL STREET, SALFORD, ENG.

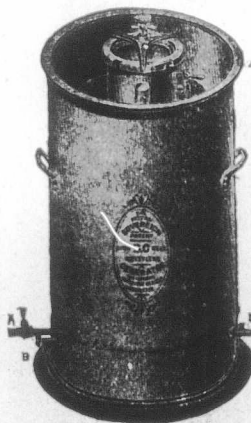
THE IMPERIAL "S. C."

Acetylene Gas Company, LIMITED.

30 St. Ann Street,
MANCHESTER, Eng.

Telegraphic Address:
"ACETYLENE, MANCHESTER."

Awarded the GOLD MEDAL
(Highest Award) at the International
Acetylene Exhibition, 1899, BUDA
PESTH.

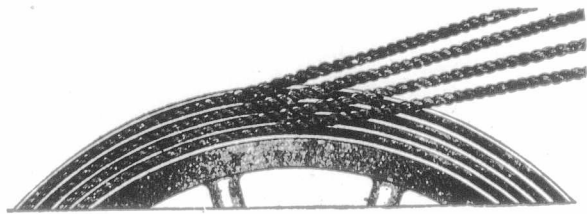


THE
"S.C." (Separate Cells) AUTOMATIC
Acetylene Gas Generators

HANSON, SCOTT & CO., Ltd.,

STOCKPORT, ENGLAND.

Cotton Driving Ropes.



He and obviate delays which have heretofore occurred by reason of the requirement that such baggage could only be forwarded in locked cars.

The returns for the Customs-house branch at Toronto Junction show a total for the month of December of \$5,010.39. The figures for 1902 were \$46,308.17, being an increase over 1901 of \$1,230.67, the amount received for 1901 being \$45,077.50. Since the opening of the office in July, 1898, \$194,623.57 has been collected at this office, and the value of imports passed made the creditable showing of \$1,586,756.49.

The International Mercantile Marine Company, organized by J. Pierpont Morgan, and with Clement A. Griscom as its President and directing chief, took actual control, January 1, of the management of the various lines combined, says a press despatch from Philadelphia. One of the first moves of public importance, Mr. Griscom says, will be a re-arrangement of sailings, to give a fast passenger and mail steamship service from both sides of the

Atlantic each day except Sunday. It may take a little time before this daily service can be inaugurated. When it is, it will be important to travellers and business men, as it will mean a regular foreign mail delivery with no break.

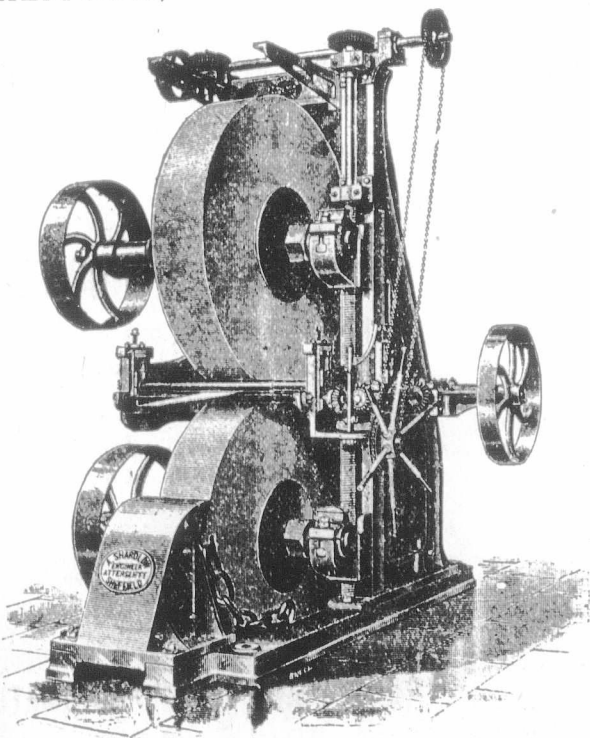
—The Belleville Iron & Steel Rolling Mills, which have been shut down for two years, are about to resume operations. The plant has been purchased by Messrs. T. M. Kirkwood of Toronto and D. L. McKinnon of Sudbury, who propose to commence operations as soon as the machinery can be put in working order. The firm propose to manufacture bar iron and steel, horseshoes, cut nails, railway spikes and washers. The plant, which was erected in 1899 at a cost of \$185,000, has, it is understood, been acquired at a figure in the neighborhood of \$55,000. A by-law for \$30,000 is about to be voted on by the citizens for the purpose of encouraging the purchasers to resume operations.

—Vienna advices state that Director Nagelmackers, of the Sleeping Car Company, says a journey round the world in the course of the next year may be accomplished in forty days. When the rails of the Siberian line are all relaid it will be possible on the first through train to go from Moscow to Irkutsk in six days, and from Irkutsk to Vladivostock or Port Arthur in three days. The time-table around the world will then be:—Paris to Vladivostock, 13 days; to Nagasaki, 2 days; to Yokohama, 2 days; to Vancouver, 12 days; to New York, via the Canadian Pacific Railway, 4 days; to Cherbourg, 6 days; and to Paris in less than half a day. Director Nagelmackers says he is now receiving letters from Pekin by way of Siberia in from 22 to 23 days.

—Edmonton, Alberta, is reported to be, next to Winnipeg, the best town in the North-West. The town has a

The Improved Long Saw Grinding Machine

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



Contractors to His Majesty's Government.

MICA

For Stoves to all Patterns. Chimneys for Incandescent Burners. For Ventilators, Lanterns, &c. Lamp-Tops, Shades and Washers. For Dynamos and all Electrical Purposes.

BRITISH MICA CO., Ltd.,

23 Great St. Helen's, LONDON, E.C., Eng.

Manufacturers of the "PREMIER" MICA CHIMNEY. Vendors of all manufactured MICA GOODS, and of BLOCK MICA as imported from India. Correspondence with Canadian Buyers requested.

Telegrams: "AWAKE, London."

DAVY BROTHERS

Limited.

TELEGRAMS:
"Motor, Sheffield."

SHEFFIELD, England.

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

IN 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:

population of about 4000, and a large number of Americans are coming in daily, many of whom originally came from Ontario. During last year over three hundred houses were built in the town, including a large hotel, which was erected at a cost of about \$50,000. Contracts for the construction of a water works and sewerage system have been let. Mr. Willis Chipman, of Toronto, is chief engineer of the works. About 45 per cent. of the contracts have already been completed, and the water will be turned on about March 1st. The Canadian Northern Railway engineers, Mr. McLeod, chief, and Mr. Armstrong, are at present in Edmonton surveying for the station and roundhouse, and also making other arrangements for immediate improvements. Mr. Jones, superintendent of the C. P. R., is also in Edmonton, with assistants, surveying for their company, which will shortly extend its lines into the town.

—A cable received by the western manager of the Elder-Dempster Company, stated that the steamer Melville, the third boat of the direct line between Canada and South Africa, arrived at Cape Town on New Year's Day. The Melville left St. John on Nov. 25. She had a large cargo, being loaded to capacity in fact, including such classes of freight from Ontario as canned goods, apples, oatmeal, boxed meats, furniture and agricultural implements. The Melville took also ten first class passengers, most of them commercial men, who propose to introduce the lines they represent in Canada. The fourth steamer will sail from St. John on the 18th of the present month, but it is not yet known what boat it will be. While the three first steamers had a full cargo, the prospects for a full cargo for the fourth boat are said not to be so good, the season not being a favorable one. It is anticipated that the following boats will all be well laden, however, and that the good business which may now be considered as established will be kept up.

The Sizing Materials Company

Manufacturers of
all kinds of

Chemicals and Materials used
by Warp Sizers and Finishers.

10 Marsden St., - MANCHESTER, Eng

Sedgley, Tyler & Co.,

Wholesale and Export Manufacturers,

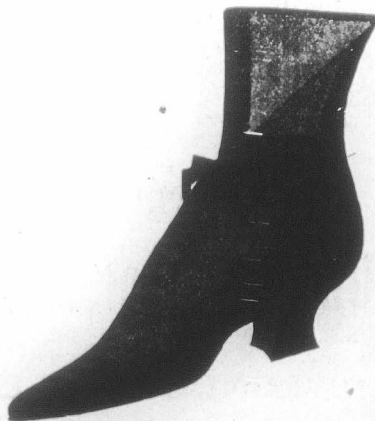
Fleet Street Building, - LEICESTER, England

SPECIALITIES:

Popular Prices.

Ladies' Fine Boots and
Shoes.

School Boots:—Boy' and
Girls'.



These Shoes are made for the Canadian market, under the New Preferential Tariff of 33 1/2 p.c. in favour of Canadians.

The JASON UNSHRINKABLE UNDERCLOTHING.



MEN'S SHIRTS & PANTS
LADIES' VESTS & COMBINATIONS,

Made in Natural Cashmere.
Summer and Winter Weights.



TO BE PROCURED
FROM ALL THE

LEADING WHOLESALE HOUSES

RITCHIE LETHAM, Ltd.,

SOLE WEAVERS OF THE

"Union" Hair Belting

... AND THE ...

"HERCULES" Solid Woven COTTON BELTING.

Telegraphic Address: "LETHAM, OLDHAM."
Telephone, No. 102.



The Warp used in the manufacture of this Belting is guaranteed to be made from the BEST quality of the yarn known as Camel Hair Yarn.

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

Address: Waterloo Mills, Oldham, England.

Special Prices to Canadians under the New Tariff.

—In connection with the figures of the British Board of Trade regarding emigration from the old country, which shows that the United States gets considerably more immigrants of British origin than Canada does, it is pointed out that Canada gets almost all the British agriculturists who come to this continent. This is the class that Canada wants, and the Canadian immigration agents in the old country make it clear to all intending emigrants that this is the case. Of the 27,259 old country immigrants who came to Canada this year nearly all were farmers or farm laborers and their families and domestic servants. The report of the United States Commissioner of Immigration for 1902 shows, on the other hand, that only one in twenty-six of British immigrants who entered the United States were farmers or farm laborers. Thus it is clear that Canada is getting not only a very much greater proportion of agriculturists among its British immigrants than is the United States, but is actually getting a large majority of all the old country people of that class who come to this continent. This gratifying state of affairs is due to the persistency with which the Canadian Immigration Department is devoting time and energy to the encouragement of farm immigration.

—Montreal, it is reported, will be the headquarters of the Canadian Marconi Company, which is now preparing

to instal a wireless transcontinental service throughout the Dominion, and in all probability will stretch out through Alaska and the Cape Nome district. Before long, it is stated, wireless message stations will exist in every city, town and village in Canada. Preparations for the establishing of the stations in the West have been completed and two experts have been sent to the Canadian Rockies to complete such tests as were thought necessary in connection with the placing of the stations. As soon as possible the first message will, it is reported, be sent West from the summit of Mount Royal. Speaking of the proposed work of the company, a member remarked that they would be prepared to accept commercial work of every description, and he believed that press despatches would in a comparatively short time be sent direct from correspondents in one city to their office in another.

The Speedwell Juvenile Clothing Company.

Manufacturers of Sailor and Fancy Suits in Velvets, Plushes, Tweeds, and Serges, for Canadians under the New Preferential Tariff of 33½ p.c.

WORKS AND
OFFICES:

Fleet Street,
LEICESTER, England.

Cut will be inserted when received.

FOR

Motors,
Motor Accessories,
Motor Fittings,
Motor Parts,

Of Every Possible Description.

Write to the Oldest
British Firm in the Trade.

United Motor Industries, Ltd.,

42 Great Castle St.,
LONDON, W., ENGLAND.

Special Terms to Canadian Buyers.

R
CRA
ST
PIP

—Lat
& Son,
crash, a
ed cred
of Ham
sets an
in the 1
practic
any equ
satisfie
tate, th
that wi
that th
of a su
dred of
week a
hands
wound
Formos
assets
declare
if the C

—Rec
shipper
Austral
and no
up har
hundred
Consul
in New
normal
wheat

Newto

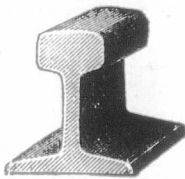


ROUN D.

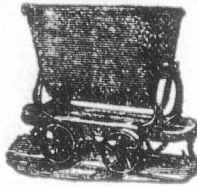
Wri

R. WHITE & SON, WIDNES, ENGLAND.

LOCOMOTIVES.
CRANES of all kinds.
STEAM & WATER
PIPES & FITTINGS.



Cable Address:
 "Rails," Widnes, England.
 A.B.C. & Universal Mining
 Codes.
 Engineering Telegraph
 Code.
 Moreing & Neal's Code.
 A1 Code.



GALVANIZED
SHEETS, BAR IRON.
AERIAL WIRE
ROPEWAYS.



Steel Rails of all Sections. Fish Plates. Bolts.
Spikes. Points and Crossings. Steel Sleepers.
Wagons for all purposes. Wire Ropes. Pit
Headings. Screens. Mining Steel. Pulsating
Pumps.



—Later developments in the failure of C. W. Anderson & Son, private bankers, of Oakville, point to a disastrous crash, and it seems doubtful if the depositors and unsecured creditors will receive much on their claims. The Bank of Hamilton has, we are told, a mortgage covering all assets and real estate. The claim of the bank is said to be in the neighborhood of one hundred thousand dollars, and practically the only thing remaining for the creditors is any equity there may be after the claim of the bank is satisfied. While there is a very large amount of real estate, the bank holds it all, and this, of course, is an asset that will take considerable time to realize. The knowledge that the bank held everything in sight came in the nature of a surprise to the depositors. There are over five hundred of them. It is expected that at the meeting this week an effort will be made to take the estate out of the hands of Mr. E. R. C. Clarkson, the assignee, and have it wound up by some local firm. When the private bank at Formosa closed its doors some few years ago, and the assets had to be immediately realized on, the dividend declared only amounted to 5c in the dollar. It is doubtful if the Oakville concern will pay even this amount.

—Recently the Canadian flour manufacturers and wheat shippers received private advices that the grain crop of Australia would be extremely short at the coming harvest, and now telegraphic advices state that in order to make up harvest deficiencies it will be necessary to import two hundred thousand tons of breadstuffs. The United States Consul at Newcastle, Australia, reports that the wheat crop in New South Wales is at least fifty per cent. short of normal, and that Victoria will require 3,600,000 bushels of wheat to supply her needs. For some years past Canada

has exported large quantities of bread stuffs to Australia, the Lake of the Woods and the Ogilvie Milling Companies both being large shippers. It is estimated that there is now shipped to Australia from Canada upwards of fifteen hundred tons of flour each month, besides a goodly quantity of wheat and oats. Under the circumstances of the present shortage, therefore, it is fair to presume that the Canadian firms will increase their shipments the present year very materially. The chief difficulty experienced by Canadian millers and grain shippers has been that of obtaining adequate steamship accommodation. At the present time there is but one regular steamship per month from Vancouver to Australian ports, with an occasional special steamer. These arrangements have not been found adequate for the trade through 1902, so there is little likelihood of its being sufficient for the present year.

—The Inspector-General's comments on Whitaker Wright's methods of finance in the management of the speculative London and Globe group of companies, says a recent London cable, offer cold comfort for investors. He finds a deficit of about \$17,500,000 in winding up the affairs of the companies, and estimates that it will be \$375,000,000 if vendors' shares are included. He assumes that the shareholders must have known the nature of Wright's transactions and have only themselves to blame if, after accepting abnormal profits without asking questions, they finally have met with heavy losses. He leaves it an open question whether they were not influenced in making investments by the use which Wright made of ornamental figureheads in the possession of prestige in diplomacy or public life,

BUTTERWORTH BROS., Ltd.,

Newton Heath Glass Works, MANCHESTER, Eng.



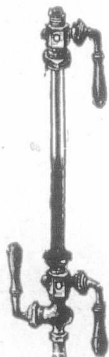
INVINCIBLE GAUGE GLASSES, both plain and enamelled. In sole use by the British Admiralty, recently tested to 5,000 lbs. to []"

Any kind of glass whatever used in machinery or applied to fittings.

The largest existing makers of **GLASS TUBES** for Gauge Glasses and the Electrical, Rubber and Brewer Trades.

GLASS NEEDLE LUBRICATORS and all other kinds of Lubricators. Lamps for all purposes.

Present Contractors to H.M. Government.



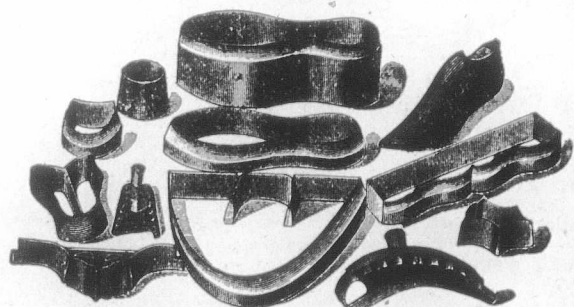
Write for our lists of

Electrical Glass, Machinery Glass, Table Glass, Ship Glass, Confectionery Glass, Cut and Engraved Glass, Etc., Etc.

GUNTON & CO'Y

Engineers and

Knife Makers,



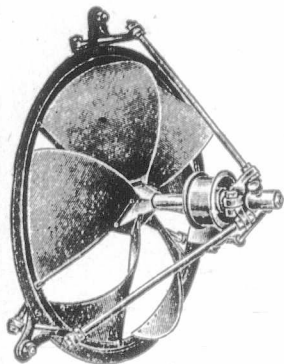
ST. JAMES' WORKS,

LEICESTER, England.

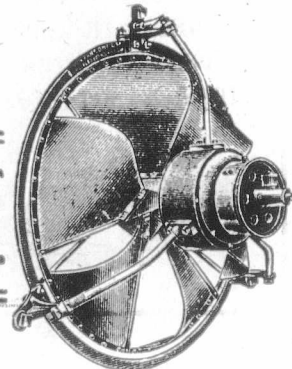
Manufacturers for Canadians under the New Canadian Tariff.

"Sun" Ventilating Fans

Highest Efficiency, Strength and Lightness



Belt Driven.



Electrically Driven.

MADE ENTIRELY OF WROUGHT OR MALLEABLE IRON.

For Ventilating, Drying and All Cooling Purposes . . .

"Sun" Fan Co. Ltd., 40a Thornton Road. BRADFORD, ENG.

Special prices to Canadians under the New Tariff.

GENERAL BUYING AGENTS WANTED.

and that the speculative enterprises in which they had engaged were legitimate. Investors who are interested in reform and the purification of company financing are unable to understand why there was not a prima facie case for action by the law officers of the Crown when there was apparent evidence of the issue of fraudulent balance sheets and the employment of reckless methods of stock gambling. The practical moral drawn by business men is that the company laws need drastic revision and that investors require safeguards against the dexterity of unscrupulous stock promoters and credulous irresponsible

directors. The report of the Inspector-General enforces this lesson indirectly when it estimates the losses from unsuccessful companies during the last ten years as exceeding \$2,690,000,000.

—The Belleville Portland Cement Company, Limited, is among the new companies incorporated, with a capitalization of two and a half million dollars. The provisional directors are F. Rielly, M. M. Murton, W. J. Phillips, Nicholas Sweetman and Thomas Croucher, all of Toronto.—The Dryden Board Mills, Limited, with a capital of \$200,000, will manufacture wood pulp and board papers, and develop water-power at Dryden.—The business carried on by David Morton and David Morton & Sons in essential oils is to be taken over by David Morton & Sons, Limited, which has been incorporated with a capital of \$200,000, and head office at Hamilton.—The International Brokers, Limited, is a Toronto company, founded with a capital of \$100,000, to do a general grain, stocks and broking business, and also to take over the business now being carried on by A. L.

CROSS & CO.,

(FREDERICK ESCOTT & HENRY CROSS.)

Manufacturers of Table Stationery.

Trade Mark.



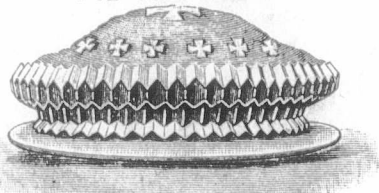
THE "CROSS" BRAND.



Dish Papers,
Dessert Papers,
Ham Frills,
Outlet Frills,
Souffle Cases, &c.



PIE DISH FRILL



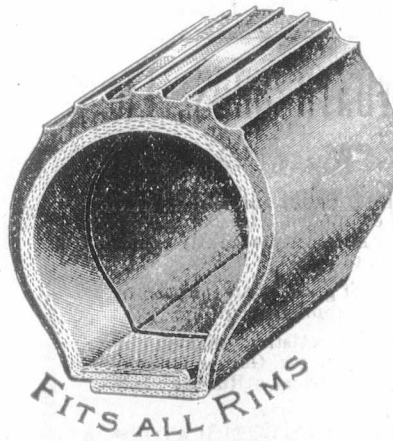
Every description of Laced, Embossed and Pleated Paper Goods for Table Decoration.

Made in London from British Materials by British Workpeople Only.

33 Tabernacle Street. - LONDON. E.C., England.

THE TONI PNEUMATIC TYRE.

(Patent No. 26,555, 1898.)



FITS ALL RIMS

IT IS the simplest and most easy tyre to attach or detach. Self gripping. It is manufactured of the very best material the English Market can offer. The Para rubber superfine is specially prepared to stand all extremes of climate. It is fitted to Cycles—Motor Cycles—Carriages of every description.

Eighteen Months' Guarantee with every Tyre.

F. TONI & CO.,

20 HANWAY STREET WORKS,
OXFORD STREET,

LONDON, W.C., ENG.

Special Rates to Canadians under the new tariff

Contractors to the Indian Government, London County Council, H.M. War Office, Corporation of City of London, &c., &c.

Telephone No. 899, Hop,
Telegraphic Address: "SKUDDER, London."

Established 1856.

GEORGE SKUDDER & CO.



GLAND PACKINGS.

For all kinds of Marine and Land Engines, Steam Hammers, Blowing, Winding, and Hydraulic Engines.

WOVEN PACKINGS.

Are extensively used in Railway Locomotive Pistons and Valves, also by Coal, Iron and Steamship Companies, &c.



ASBESTOS MANUFACTURERS.

Patent Improved Non-Conducting Compound, for covering Boilers, Steam Pipes, and all super-heated surfaces. For the Prevention of Freezing in Cold Water Pipes our Compound has no equal.

98 Tooley Street, - - - LONDON, S.E., Eng.
And at SOUTH BERMONDSEY.

Forde and E. E. Anderson, under the name of the International Brokers Company. The provisional directors are A. L. Forde, R. C. Strutt, E. E. Anderson, O. P. Jackson and F. A. Kirk.—Among other companies incorporated are the Imperial Underwear Company, Limited, \$100,000, Peterboro'.—The Mt. Forest Carriage Company, \$50,000.—The Island Fibre Gold Company of Toronto, Limited, \$50,000.—The Stonehouse, Munroe, Zavitz Company, Limited, \$16,000, Wallaceburg.—The Twentieth Century Mining Company, Limited, is authorized to hold meetings outside of Ontario.—The Sun Oil Refining Company of Hamilton, Limited, is authorized to increase its capital from \$50,000 to \$100,000, and the Humber Power & Light Company, Limited, from \$50,000 to \$100,000.—The following foreign companies are authorized to do business in Ontario: Ontario Standard Mining Company, \$50,000; Empire Limestone Company, \$600,000; Chamberlain Medicine Company, \$40,000.

—Canadian defaults during 1902, as reported by R. G. Dun & Co., numbered 1,101, with liabilities of \$10,934,777. Numerically, this is the best statement in many years, and the amount involved is less than the average for a number of years, although slightly in excess of the \$10,811,671 reported in 1901. The decrease of 240 failures occurred chiefly in trading losses on Ontario and Quebec. Compared with liabilities of the preceding year there was notable

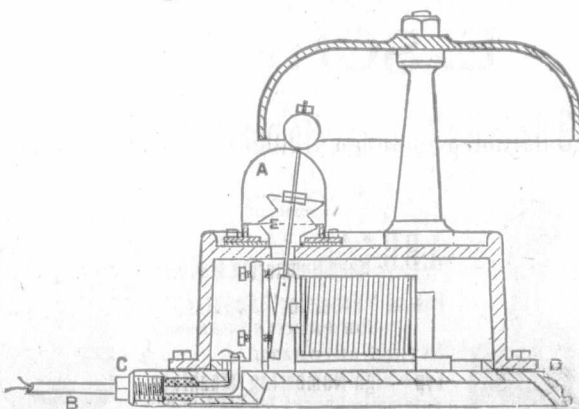
improvement in manufacturing losses at Ontario, but a more than equivalent increase was reported in Quebec. Exactly the reverse is true as to trading liabilities, Quebec reporting a decrease of about half a million dollars, while Ontario shows an increase. Otherwise the statement presents no striking contrast.

Provinces	No.	Commercial.	
		Assets.	Liabilities.
Ontario..	391	\$2,283,706	\$2,690,881
Quebec	410	3,650,072	5,675,750
British Columbia.. . . .	101	1,275,600	1,582,550
Nova Scotia..	82	168,921	393,597
Manitoba..	55	223,300	231,500
New Brunswick..	49	123,619	244,599
Prince Edward Island.. . . .	13	38,200	115,900
Total, 1902..	1,101	\$7,772,418	\$10,934,777
" 1901..	1,341	7,686,823	10,811,671
" 1900..	1,355	8,202,898	11,613,208
" 1899..	1,287	7,674,673	10,658,675

—Over eleven hundred square miles of the finest timber areas in Newfoundland have just passed into the hands of a Boston syndicate, says a Halifax report, at a purchase

Watertight Electric Bells.

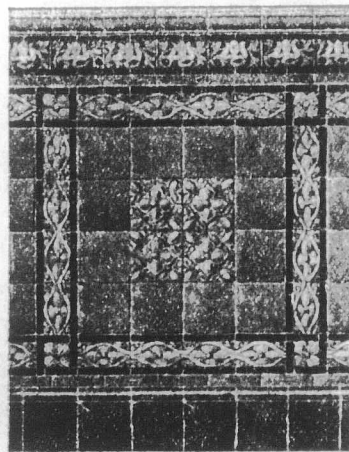
Section showing arrangement of



Mercier's Patents, Limited,
SALFORD, MANCHESTER, ENG.

GEORGE SWIFT, Ltd.,

Manufacturers of



Tiles for Floor and Wall Decorations, Mosaics and Faience.

Swan Tile Works,

Liverpool E., Eng.

Special prices to Canadians under the New Tariff.

AUSTIN & DODSON, LIMITED,

MANUFACTURERS OF

Special Tool Steel for High Speeds,

Best Warranted CAST STEEL for Tools of all kinds.
DOUBLE SHEAR, BLISTER, HAMMER and DRIFT Steels.

MINING TOOL STEEL.

Best CRUCIBLE Cast Steel FILES.

Cambria Works, SHEFFIELD, England.

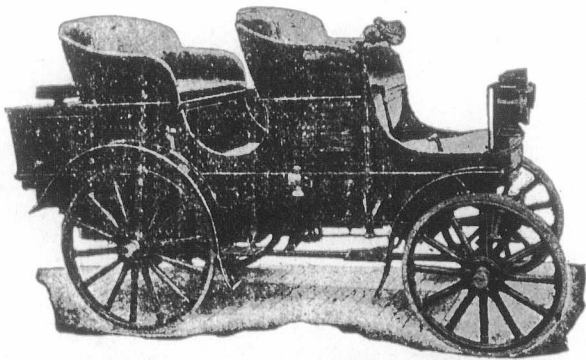
price of \$250,000. The Exploits Lumber Company, composed of eleven Nova Scotian manufacturers, have sold out their property on the Exploits River, Newfoundland, to Wood, Baker & Company, wholesale lumber dealers, of Boston and New York, representing a syndicate of capitalists, who, on the completion of the purchase, will operate the property on an enlarged scale. The timber areas on the Exploits comprise 1,146 square miles, running along both banks of the river. It is heavily wooded, and is capable of producing a large quantity of lumber. It has besides several valuable waterpowers suitable for the operation of pulp and paper mills. This property was obtained a few years ago by a number of Amherst, N.S., men, including the members of Rhodes, Curry & Company, car builders, and the late Hon. A. R. Dickey, ex-Minister of Justice of Canada. Newfoundland's resources were not then so fully known to the outside world, and the Amherst men got the

property for a song. They have since erected a large modern mill, with an output of 100,000 feet a day. The property has been extensively developed, and has recently been much sought after by several American concerns. The purchase will not be actually completed until after this year's cut, about June 1st. The cut, it is estimated, will be ten million feet, which the Boston syndicate will take at the market price.

—In a report to the Department of Trades and Commerce, dated Cape Town, Nov. 20, Mr. J. G. Jardine points out the astonishing fact that Argentine and Siberian butters are finding their way to South Africa by every steamer, in cases of 52 and 56 pounds, and are displacing the Australian product. The Canadian Commissioner to South Africa points out that for some years the demand for agricultural implements will be enormous, and that the Canadian officers associated with the Imperial Commissioner of Land Repatriation at Pretoria are disposed to extend something more than cold justice to Canadian manufacturers. One of the largest Canadian implement manufacturers has sent over a special representative to spy out the land, and Mr. Jardine has reason to know that his mission will be eminently successful. Montreal milling companies are adding to their already established reputation by the superior article of flour they are sending to South Africa. Two big concerns at the commercial capitals in South Africa have a couple of special representatives out there who have booked large orders. Mr. Jardine points out that at a congress of Associated Chambers of Commerce held at Kimberley, a revision of the customs union adopted in 1889 was urged. The present tariff imposes

LIGHT **LIFU** CARS.

BEST STEAM CAR ON THE MARKET.
ENGLISH-BUILT THROUGHOUT.
MADE IN THREE SIZES.



FOUR-SEATED Double Phaeton,

TWO-SEATED
with removable third seat,
for doctors' use.

LIGHT VANS
To carry up to one ton.

The Steam Car Co.,
House's System Limited.

REGISTERED OFFICES :

88 CHANCERY LANE, LONDON W.C., Eng.

E. SCHREIER,

23 Bartlett's Buildings, Holborn Circus, LONDON, Eng.



Manufacturer and
Exporter of
3, 4 and 5 Action
A.B.C. Hand Numbering Machines
Patent "Excelsior" Counter
FOR PRINTING PRESSES.
PATENT AUTOMATIC
Type-High Numbering Machines.
Automatic Chases for Printing and
Numbering Cheques in one operation, and every
description of



Numbering, Dating and Perforating Machines,
WRITE FOR PRICES.

EDGAR ALLEN & CO., LTD.,
Imperial Steel Works,
SHEFFIELD, Eng.
 MANUFACTURERS OF

BEST TOOL STEEL

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

TURNER'S PATENT IRON-FIBRED STEEL.

protective duties averaging 30 per cent. on breadstuffs, and other products, which is burdensome to the consumer, without being of much benefit to the farmer. Business men feel that a fair-play tariff in South Africa must first be assured before a federation of the colonies to embrace a united South Africa can take place.

—Many by-laws were voted throughout Ontario on Monday last. At Collingwood the county good roads by-law was carried by 748 majority; bonus of \$25,000 to wire and nail factory carried by 672; by-law for \$25,000 to purchase Toner and Gregory mill property, to improve the harbor and build public wharf was carried by 94.—Belleville carried a by-law granting \$30,000 to T. M. Kirkwood, of the rolling mills, and also decided to remove the management of the water works from the Board of Commissioners and vest it in the City Council.—Goderich carried three by-laws, for public library, mill exemption, and knitting factory exemption.—At Galt a Parks Commission by-law was defeated by a small majority.—Chatsworth decided upon incorporation.—Lindsay negatived a \$40,000 good roads by-law, but voted in favor of a \$2,000 grant for a Carnegie library site.—Listowel decided to take over the electric light and water works.—Orillia carried a good roads by-

law.—Dunnville decided to grant a loan of \$15,000 to J. D. Pennington, of Dundas to start a wood-working factory.—Waterloo will loan Schierholtz and Co. \$5,000, and grant the firm a free site and tax exemption. They will build an upholstering factory.—Markham will exempt the Lount brush-handle factory from taxation.—Beaverton decided to build a new Town Hall.—Port Hope voted \$10,000 for the establishment of the Standard Ideal Sanitary Company's works.—Brussels will loan Lottridge Bros. \$5,000 to operate the woollen mills.—Grimsby freeholders decided they did not require granolithic walks.—New Hamburg will raise \$2,500 to build Shade Street bridge.—Smith's Falls defeated a by-law to commute the taxes of the Gould Manufacturing Co., and close up a portion of Water Street.—Peterborough declined to grant exemption to Turner & Sons, and voted down the proposal to establish a civic wood yard, and raise \$20,000 for improvements.—Windsor refused exemption from taxation to the Erie-Tobacco Company.—Sandwich voted to abolish the office of water commissioners.

—The Grand Trunk Railway experienced a record-breaking increase in receipts during the week ending December 31st, 1902. The total receipts for the week aggregated almost a million dollars, an increase of \$187,000 over the corresponding week of the previous year. All the other railroads report very heavy holiday traffic.

WORKS: Poplar, Limehouse, and Millwall.

TELEGRAMS: "Locklanceo, London," or "Sonjon, London."

CODES: A B C, 4th Edition, A 1, and private.

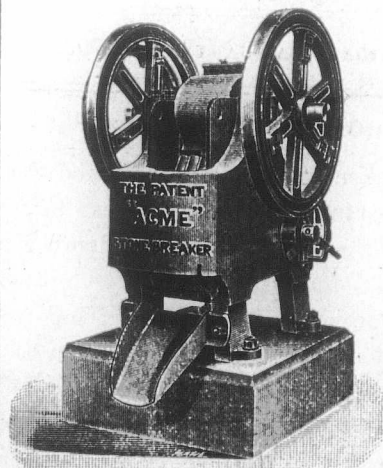
—Locke, Lancaster—
 and W. W. & R. Johnson & Sons, Ltd.,
 94 Gracechurch Street,
 Lead Manufacturers
 and Desilverisers.
LONDON, Eng.

MANUFACTURES:

Pig Lead (Common and Refined).	Laminated Lead, for damp walls.
Bar Lead.	Tin Foil, (Pure and Ordinary).
Sheet Lead (Ordinary and Chemical), up to 8ft. wide	Dry White Lead. Warranted genuine English (made by old Dutch process).
Sheet Lead (Graduated and Tapered).	Ground White Lead. Warranted genuine English stock made White lead, ground in best refined linseed oil.
Lead Pipe (Ordinary and Chemical).	Flake White.
Lead Pipe (Soll. Composition, and Tin Washed).	Snow Flake.
Lead Wire.	Litharge (Flake and Ground), Ordinary, selected Refined, and Assayers.
Tape Lead.	Zinc Discs.
Carm Lead.	Zinc Plates, for Marine Boilers.
Tea Lead. Best Incorrodible. (W. W. & R. Johnson & Sons' Brand)	
Lead Foil, for gold and silver assaying.	

Buyers of Argentiferous & Auriferous Lead Bullion.
 Brand for Tea Lead, White Lead, &c.

Telegrams:—GOODWIN, IRONFOUNDER, LEICESTER.
 CODE:—5th EDITION, A.B.C.



The
 Patent "ACME" (Reg.)

**Stone
 Breaker**

Portable and Stationary.
 The Best Machine for all purposes.

Goodwin, Barsby & Co.

ENGINEERS,

LEICESTER, - England.

THE STANDARD ASSURANCE CO. ESTABLISHED 1825.

OF EDINBURGH.

HEAD OFFICE FOR CANADA, - MONTREAL.

Invested Funds, - - - - - \$50,136,000
 Investments in Canada, - - - - - 14,930,000

[WORLD WIDE POLICIES.]

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

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

WITH stronger policy reserves than those of any other Company from America, the **CANADA LIFE ASSURANCE COMPANY,** enters Great Britain this month.

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

NORTHERN ASSURANCE CO'Y.
 INCOME AND FUND 1901



Capital and Accumulated Funds, :- \$42,990,000
 Annual Revenue from Fire and Life Premiums and from Interest on Invested Funds 6,655,000
 Deposited with Dominion Government for the security of policy-holders 238,000
 Head Offices:—London and Aberdeen.
 Branch Office for Canada, Montreal, 1730 Notre Dame St.
 Manager for Canada.—ROBERT W. TYRE.

Insurance.

PHENIX ASSURANCE CO'Y., Ltd.
 OF LONDON, ENG.

Established in 1785. Canadian Branch
 Established in 1864.

No. 164 St. James St.
 MONTREAL, P. Q.

PATERSON & SON,
 Agents for the Dominion

City Agents:

E. A. Whitehead & Co. English Dept.
 A. Simard. French Dept.
 S. Mondou. " "
 E. Lamontagne, " "

Caledonian... INSURANCE CO.
 The Oldest Scottish Fire Office,
 Canadian Head Office. MONTREAL.

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

FIRE. LIFE. MARINE.

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

ESTABLISHED 1865.

BELL TELEPHONE BUILDING,

MONTREAL.

Telephone - Main 1277. P. O. Box 994.
 Private Office, " 2822.

THE CANADIAN Journal of Commerce.

MONTREAL, FRIDAY, JANUARY 9TH, 1903.

STOCK GAMBLING.

The high prices recently paid for seats in the Stock Exchanges of this city and Toronto, as much as \$25,000 having been given for one in Montreal, has drawn general attention to the business conducted in those places. Another incident showing how large the earnings are, or are expected to be, of carrying on a brokerage business, has been the resignation of the manager of a branch bank in this city who has decided to give up his position to occupy a seat on 'Change. An investment of \$25,000 in any mercantile business would secure a partnership in a good firm, which ought to yield a 10

THE MANCHESTER FIRE ASSURANCE COMPANY.

Established 1824.

CAPITAL, - - \$10,000,000

Head Office, MANCHESTER, ENG. | Canadian Branch Head Office, - TORONTO.
 JAS. BOOMER, Manager.

T. D. RICHARDSON, Assistant-Manager.

EVANS & JOHNSON, Resident Agents, MONTREAL.

1728 Notre Dame St.

A Good Position Open.

THE IMPERIAL LIFE ASSURANCE CO. offers a most advantageous contract to a good representative for

Granby & Vicinity

Only men of good character, possessing energy and business ability will be considered for this vacancy.

E. S. MILLER, Provincial Manager,
 260 St James Street, - - MONTREAL.

per cent. return, with a comfortable salary added for personal services.

At the recent dinner of the Commercial Travellers' Association, the general manager of a recently organized bank sounded a note of caution in regard to stock speculation, which yields such incomes to the brokers as have tempted men to give \$25,000 and to resign excellent and permanent positions for the opportunity of sharing in these gains.

Large as have been the operations of speculators here, they seem to have been exceeded in Toronto, where, it

Mutua

EIG

THE

An Inc

AI

Net S

Total I

EXCELLENT Town, City and the M CAN WOR General or

Home Offi

Mo

Un

Capital an

ONE O

Cor. S

is report

Probably

though

speculate

the Fall

of fortun

are two y

ble in st

lating to

been ruin

down on

call loan

in minin

As a r

blers hav

stocks, n

than the

Their op

much so

bling sal

The ba

ception o

had reac

reverse s

will be s

amaze ar

put the l

but this

Mutual Reserve Life Insurance Co.,

FREDERICK A. BURNHAM, PRESIDENT.

EIGHTY-ONE THOUSAND POLICY-HOLDERS.

Total Assets, \$12,264,838.21.

THE TWENTIETH ANNUAL STATEMENT

Shows that the 1900 Business Brought

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

...AND...

An Increase in Insurance in Force.

Net Surplus, - \$1,187,617.68.

**Total Death Claims Paid since Organization, over
FORTY-EIGHT MILLION DOLLARS.**

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

Home Office, Mutual Reserve Building, - - NEW YORK CITY
Montreal Office, - - La Presse Building.

T. W. F. PATTERSON, Gen. Man

Union Assurance Society OF LONDON.

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

Capital and Accumulated Funds exceed, - \$16,000,000.00.

ONE OF THE OLDEST AND STRONGEST OF FIRE OFFICES.

CANADA BRANCH:

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

T. L. MORRISEY, Manager.

is reported, at least one million dollars have been lost. Probably much of this was losses of anticipated profits, though the undoubted fact that several unsuccessful speculators committed suicide in Toronto in and since the Fall of last year, points to very disastrous reverses of fortune as the direct result of stock gambling. There are two young men in jail for embezzling money to gamble in stocks. New York just now is full of stories relating to such catastrophes, literally hundreds having been ruined or crippled financially since the banks shut down on advances and sent rates up to 40 per cent. for call loans. In London, England, the Statist affirms that, in mining stocks, operators lost \$250,000,000 last year.

As a matter of fact, the vast majority of stock gamblers have no more knowledge of the intrinsic value of stocks, nor of the course the market is going to take, than they have of the most uncertain of human events. Their operations are gambling pure and simple, just as much so as the bets at Monte Carlo, or any low gambling saloon.

The banker referred to said that the public had no conception of the enormous extent which these speculations had reached, but one thing may be safely said, when a reverse sets in, and hard times begin to loom up, there will be such a collapse amongst stock gamblers as will amaze and alarm the country. Bankers generally have put the brakes on this business for several months past, but this has only checked more booming, it has not

caused liquidations to any marked extent, so that call loan money has not risen here, or in Toronto, over 7 per cent., while in New York it has been over 40, and within the present year 10 to 15 per cent. When the banks "call" for their money there will be consternation amongst speculators.

A Toronto correspondent expresses alarm at the demoralizing effect on young clerks in banks, warehouses, and other offices, who, he informs us, have taken to stock gambling by hundreds, some of them working in syndicates so as to avoid observation. He considers these young men to be the victims of the example set them by their principals, and superior officers, which is a deplorable state of affairs. Bankers and others of influence and authority would do the country an invaluable service by exercising both these powers to the full in efforts to check the alarming development of stock gambling.

REPORT OF THE EXCISE DEPARTMENT.

The revenue from the Excise service constitutes a large portion of the income of the Federal Government. Of the Inland Revenue the Excise receipts amounted in 1902 to all but a small fraction of the total, being \$11,257,485 out of \$11,438,871, the balance of \$181,386 being made up of \$88,198, Weights and Measures; \$21,062 Electric Light; \$66,785 Methylated Spirits, and \$5,341 Sundries. The Excise revenue for the past three years was derived from the following sources:

Source of Revenue.	1902.	1901.	1900.
Spirits	\$5,620,613	\$5,180,775	\$4,821,218
Malt Liquor	6,970	6,569	7,174
Malt	1,077,809	977,330	910,537
Tobacco	3,563,578	3,37,848	3,281,640
Cigars	897,360	837,434	825,643
Petroleum and acetic acid	8,862	8,910	5,505
Manufactures in bond	45,306	44,242	30,192
Seizures	8,862	1,292	6,71
Other receipts	35,419	29,465	34,132
Methylated spirits	66,785	73,675	9,838
Totals	\$11,324,269	\$10,497,540	\$9,931,950

The alcoholic beverages used by the people that were distilled or brewed in Canada contributed last year no less than \$6,705,392 towards the public revenue, and the supply of tobacco and cigars for their enjoyment provided \$3,583,083 to the revenue. The non-drinkers of spirituous beverages and non-smokers had no share in the raising of \$10,288,475 of the public income from taxation. How far the money these sections of the people saved by their abstinence from the above sources of pleasure was spent by them in obtaining goods that had contributed to the revenue by Customs duties is not ascertainable, but probably this was the case to a considerable extent.

The claim has been made that, it is inequitable to derive so large a portion of the public income from beverages and tobacco, which, to so many users, are necessities of life. This claim would be worth considering

were taxation so regulated as not to fall upon any other necessities of life. This, however, is not so, for a large number of articles that are subject to Customs duties are at least as much "necessaries" as those subject to Excise charges. On foreign breadstuffs, for instance, as rice, arrowroot, tapioca, macaroni and vermicelli, the duty under preferential tariff averages 30 per cent.; and on coal about 25 per cent.; so with other needful goods, the fact that any article is a necessary of life being not recognized as a bar to its being taxed for revenue purposes.

The duty on malt liquors is effective in keeping out foreign beverages of this class to a large extent, the entire value of such ale, beer and porter entered for home consumption in 1901 having only been \$183,726, on which \$74,311 was paid for duty. This part of the tariff is strongly protective, and our brewers have to thank it for their having secured almost a monopoly of the malt liquor trade in Canada. The prices charged for these home made beverages are so moderate as to prove that a high import duty does not enhance the cost of the domestic article when competition has fair play. Nor, as some contend, does a high import duty prevent improvement being effected in the home product, for it is undeniable that, in recent years, there have been very marked advances made in the qualities of Canadian malt liquors, which, in this feature, run the average foreign article a close race.

In regard to spirits, matters are different. There are spirits made in Scotland, Ireland, France, Holland and Jamaica, which have no counterpart in those made in Canada, as Canadian whisky is a specialty of this country, it is a class to itself. The Excise duty bears heavily, no doubt, on the home distillers. But, when we find that, in 1901-2 the quantity of spirits produced in Canada was 3,234,147 proof gallons, against 2,652,708 proof gallons in 1900-1, an increase of 581,439 gallons, we are hardly ready to admit that the trade is under any oppressive regulations, though they may be unfair.

The imports of foreign spirits in 1900-1 were as follows:

	Quantity		Duty
	Galls.	Value.	collected.
Brandy.....	228,566	\$374,137	\$548,558
Gin.....	572,571	272,790	1,374,170
Rum.....	106,194	55,945	254,865
Whisky.....	421,477	616,530	1,011,544
Totals.....	1,328,808	\$1,319,402	\$3,189,137
Other spirits.....	51,279	173,567	136,865
Totals.....	1,380,087	\$1,492,969	3,326,002

That so large a quantity of spirits were imported into Canada when such enormous duties were imposed upon them is a remarkable tribute to their attractiveness as beverages, but, as we have said, these foreign spirits have their special features, which gratify national, inherited, or acquired tastes that are not satisfied with Canadian whiskies, however superior they may be as a spirit, to the foreign article.

The raw materials used in 1901 in the production of Canadian spirits were:

Malt.....	3,432,066
Indian corn.....	41,397,871
Rye.....	9,449,057
Wheat.....	29,470
Oats.....	413,965
Total.....	54,722,429

The above grains were chiefly the production of this country, so that the distillers provided a good market for farmers, and the by-products of the distilleries helped to provide food for cattle that increased the meat supply of this country for home consumption and export.

The following table shows the annual consumption of articles paying Excise duties and the revenue per head derived annually in the last ten years, and in 1883:

	Quantity.			Duty.		
	Spirits. galls.	Beer. galls.	Tobacco. lbs.	Spirits. \$	Beer. \$	Tobacco. \$
1902.....	.796	5.102	2.404	1.653	.214	.915
1901.....	.765	4.737	2.404	1.593	.198	.875
1900.....	.701	4.364	2.300	1.455	.185	.853
1899.....	.661	3.995	2.174	1.367	.174	.841
1898.....	.536	3.808	2,358	1.306	.126	.615
1897.....	.723	3.469	2.243	1.341	.213	.671
1896.....	.623	3.528	2.120	1.150	.164	.639
1895.....	.666	3.471	2.163	1.124	.161	.645
1894.....	.742	3.722	2.264	1.235	.205	.683
1893.....	.740	3.485	2.314	1.235	.218	.691
1883.....	1.090	2.882	1.280	1.186	.103	.473
Average since 1869.....	.977	3.137	2.263	\$1.148	\$0.133	\$0.550

The most noticeable feature in the above return is the large increase in the consumption of beer (which includes all malt liquors) in the last ten years, the amount having risen from 2,882 galls. or, say, 2 9-10 galls., to 5.102 galls. per head, the increase in use of malt liquors since 1883, therefore, was close upon 2 1/4 gallons per head annually, which is not far from being double. Since 1869 the people of Canada have reduced their consumption of home-made spirits from about a gallon and one-eighth per head yearly to eight-tenths of a gallon per head, and, in the same period, their consumption of malt liquors rose from 2 1-3 gallons per head yearly to 5 1-10 gallons per head. References to tobacco are postponed.

EMPLOYMENT FOR GIRLS.

At no period of the world's history has profitable employment for young women of moderate education been more plentiful than during the last decade or two. Persons not yet old within the present generation can remember when there were but few opportunities for girls thrown upon their own resources to earn a respectable living. Attending in a retail store—or shop, as it is termed in England—school teaching, music-teaching, or performing the trying duties of governess in some well-to-do family, were the only alternatives to domestic service or dressmaking, and hard in the great majority of cases was the struggle to derive an income

from the
with an
lessons.
tic servi
something
night, of
country v
ing wealt
and as ye
cooks.

Nowad
servant o
skilled, le
in wages.
cording a
—and sh
Short-ha
thousand
in this r
kind tha
what is
which al
with. U
of the ac
fact of ra
business
looking
former e
a winter
ed that
subjecte
the subj
certificat
knowled
graphy,
the high
damage
ing a me

There
under th
duties o
citude, l
tender w
it is nat
providin
sex. To
the publ
at salari
follow e
blem ha
are to-da

Many of
relatives

from the more ladylike accomplishments, often acquired with an ill-afforded, grudging expenditure upon private lessons. Those who had the courage to engage in domestic service of the lighter kind were ever on the alert for something better, and marriage was the dream, day and night, of both upper and lower servants, especially in a country where numbers of men were so busy in acquiring wealth that they had not time to "a-courting go," and as years came on generally ended in marrying their cooks.

Nowadays we have changed all this. The domestic servant of the time, cook or housemaid, is becoming less skilled, less willing and more independent with the rise in wages. The number is becoming less every year, according as education spreads—however thin the laying on—and short-hand schools multiply all over the land. Short-hand writers, chiefly girls, are turned out by the thousand on both sides of the boundary line, becoming in this respect for the man of affairs a helpmeet of a kind that not only lessens office labour, but supplies what is lacking by the want of the early education which all men in a new country have not been blessed with. Unfortunately these men are not fitted to judge of the acquirements of their secretaries beyond the mere fact of rapid writing, and sad are the experiences of many business and professional men after engaging the smart-looking young person who brings a few lines from a former employer whose early schooling was limited to a winter or two of night-school. It is much to be desired that all would-be short-hand secretaries should be subjected to an examination of moderate difficulty in the subjects of most use before being furnished with certificates from their school. Unaccompanied by a knowledge of grammar (including punctuation), geography, arithmetic and accounts, all such as qualify in the higher forms of our public schools, short-hand is a damage instead of a blessing. Good handwriting, being a mechanical accomplishment, is a matter of course.

There is little doubt that everywhere in an Empire under the sway of a Sovereign who, while fulfilling the duties of Ruler with conscientious and continuous solicitude, had also exercised the sovereignty of true and tender womanhood over her family and her dependents, it is natural that special attention should be given to providing suitable employment for those of her own sex. To whatever due, the fact remains that even in the public service women are becoming more numerous, at salaries, as can be seen by our own Civil List, which follow closely upon those of the sterner sex. The problem has been solved. Young women by the thousand are to-day enjoying

. . . "The glorious privilege
Of being independent."

Many of them are indeed enabled to assist their needy relatives, even to the extent of the young men who are

being pushed out of their places to make room for their more industrious and less selfish sisters.

It is not alone in England, Canada and the United States that such positions are found for women who have to earn their own livelihood. In Austria, Switzerland, France and Italy, where distinctions of class are no less sharply defined than in the former countries, it is considered quite becoming in ladies to fill situations in the public service and in many private establishments, such as banks and insurance offices. Ladies of their class in Canada become hospital nurses and scarcely anything else. It is amid such surroundings that some of the most accomplished mothers of to-day met their fate.

"When pain and anguish wring the brow,
A ministering angel thou."

It is satisfactory to learn that they are as remarkable for attention and application to their duties to-day as when the great romancist penned the lines. In Italy ladies work in the telegraph offices, but they have to pass an educational test. They mix in society and their social status is not compromised by the character of their occupation. These ladies semi-occasionally belong to patrician houses. They are not allowed to marry and hold their positions. In England, since 1876, positions in the post-office saving-banks and filled by gentlewomen of small means, daughters of officers in the Army and Navy, of civil officers of the Crown and those of the clerical, legal and medical professions, and also of literary men and artists. They are obliged to pass a competitive examination for the limited number of appointments to be filled.

That ladies compete successfully with men in fields of fiction, in poetry, painting, sculpture and music, is becoming more and more generally acknowledged. We do not mention names here, except to correct the statement in a recent issue of the London Spectator that, although women excel as vocalists and instrumental musicians, they have never appeared as composers. Had the writer forgotten Claribel and Virginia Gabriel?

Poetry has, of course, more charms for most female minds than cookery; and the composition of a waltz is more engrossing than that of "vol-au-vent"; while the delicate tracery, the blending or rich, mellow hues in fancy needlework is more interesting than the monotonous stitching by which articles, indispensable though invisible, are made for apparel. We do not forget that domestic blessing, the sewing machine.

In conclusion, we must again revert to shorthand writing as the most readily acquired of all the means by which girls who have to earn their own livelihood must exist. A useful knowledge of it may be attained by a year's systematic study of a few hours a day; and there are few business men able to afford from \$16 to \$60 a month, who, once having experienced the saving of time and labour effected by such means, who can or will do without it. The numbers of neatly dress-

ed, intelligent young women to be seen wending their way to and from their homes and down-town offices at morning, noon and eve along the principal thoroughfares in Toronto, Montreal and other cities, testify to the extent to which shorthand writers are employed in modern business. Men of affairs could almost as well dispense with the telephone. And this brings us to a close; for who so useful, courteous, prompt and obliging as the telephone girl?

NEW AMERICAN COMBINES.

The following list of new industrial combines formed in 1902 as compared with those of 1901 will be of interest to all who watch the efforts of our republican neighbours to regulate the operations of these modern giants by legal enactments. Close on \$3,750,000,000 is reckoned by the New York journals of commerce as represented in the corporations that filed papers in the various States during the past year. This figure is compared with \$3,922,752,900 during 1901. The corporations formed during last year exceed the number created in the preceding year, but the capital stocks are fewer in the aggregate. This is owing to the fact that in 1901 the United States Steel Corporation, with its capital in excess of \$1,000,000,000, and the Northern Securities Company with a capital stock of \$400,000,000, were organized and incorporated. Notwithstanding the incorporation of these two tremendous concerns it is probable the combined capital stocks of the companies that filed papers during the current year would have exceeded last year's total had it not been for the tight money rates which have prevailed during the last five or six months. As a result of the money stringency the incorporation of a large number of proposed companies has been delayed. The following table shows by months the amount of capital represented by all corporations filing papers this year :

January..	\$305,287,000
February..	297,883,000
March..	276,671,000
April..	331,687,000
May	228,958,000
June	156,774,900
July	439,022,500
August	376,904,000
September..	255,427,200
October..	315,811,000
November..	129,379,000
December..	153,939,990
Total..	\$3,267,744,500

The International Mercantile Marine Co. was the largest combine in point of bonds and capital stock that was organized in 1902. It has a capital of \$120,000,000. The Railway Steel Spring Company is a \$20,000,000 concern, and includes the principal railroad steel spring manufacturing concerns of the country.

The \$24,000,000 International Nickel Company is a merger of practically all the nickel producing concerns of the world, with the exception of the Nickel Corporation of Paris.

The \$80,000,000 United Copper Company is a combination of the Heinz group of copper mines. The Havana Tobacco Company, capital \$35,000,000, was or-

ganized for the purpose of taking over certain acquisitions of the Consolidated Tobacco Company in Cuba.

The American Steel Foundries, \$40,000,000, is a combination of the principal steel casting concerns of the United States. The New Orleans Railway Company, capital \$35,000,000 is a combination of the street railways of New Orleans.

The United States Realty Company, capital \$66,000,000, is a combination of the leading real estate and construction companies of the city of New York.

The Corn Products Company, capital \$80,000,000 is a combination of the leading glucose and starch companies of the country. The Distillers' Securities Company, capital \$48,000,000, is a reorganization of the Distilling Company of America.

The International Harvester Company, capital \$120,000,000, is a combination of the principal companies which manufacture agricultural machinery.

The first business day of the year disclosed the recommendations of the U. S. Attorney-General in dealing with the great trusts or combines. They began with the statement that the people do not desire the business of the country to be interfered with beyond the regulation "necessary to control combinations where they act improperly and to correct any tendency toward monopoly. In a country where money is cheap and abundant and within the reach of keen and capable men, monopoly will be impossible if competition is kept free." Further on it states that "The existence of most of these combinations has not increased the productive capacity of the country; they have merely acquired the ownership of pre-existing industries."

Recommendations for immediate legislation are made that all discriminatory practices affecting inter-state trade be made offences to be enjoined and punished. Such legislation to be directed alike against those who give and those who receive illegal advantages, and to cover discrimination in prices as against competitors in particular localities resorted to for the purpose of destroying competition.

In order to reach producers guilty of these offences who are as producers merely beyond national control, a penalty should be imposed upon the inter-state and foreign transportation of goods produced by them, and federal courts should be given power to restrain such transportation at the Government's suit.

Such legislation is necessary because the existing inter-state commerce law does not give an effective remedy in this class of cases against either shipper or carrier.

It should be made unlawful traffic by carriers, subject to the Inter-State Commerce Act, at a less rate than the published rate, and all who participate in violating the law should be punished. Provision should also be made to reach corporations and combinations which produce wholly within a state, but whose products rank under inter-state commerce.

To this end a commission or a special bureau in the proposed department of commerce should be created whose duty it should be to investigate the operations of concerns engaged in inter-state or foreign commerce, to gather information and data enabling it to make recommendations for additional legislation and to report to the President. This would be a first step in securing proper publicity. This commission should have pro-

per aut
concern
comes n
ty to ca
nesses

In the
on the s
dealing
men in
or natio
trol of v
tal accu
ing pro
liability
insecuri
ing with
danger.
corporat
exist, h
competi
sentees
local pu
agement
to corrup
courts;
timent,
wrongd
in the
English
power t
the infl
or hear

We p
"Clothi
clothing
last. TI
is very c
prompt
than of
impulse
In th
dealer i
and size
often su
not thin
dertook
"facts
tion tha
"would
Canada
"the form
have wo
is rather
making
sions, th
sort of c
ing mad
quicker
Furth
"Clothi
that the
clothing
tends th
made ad
with hin

per authority to enquire into the management of any concern doing an inter-state business whenever it becomes necessary or desirable; it should have the authority to call for reports; to compel testimony from all witnesses and by the production of books and papers.

In the Senate on Tuesday Senator Hoar, whose opinions on the subject are known to our readers, spoke on the bill dealing with trusts. He said that nearly "all thoughtful men in the country are agreed that some legislation, state or national, ought to be had for the regulation and control of what are called 'trusts,' and of large masses of capital accumulated by corporations or artificial persons holding property and conducting business without individual liability. There was, he said, a general feeling of insecurity and alarm about the matter, and we were dealing with a real peril and not with a fancied or imaginary danger. The Senator spoke of the possibilities of the great corporations being put to evil uses. Of trusts as they now exist, he conceived their chief evils to be: Destruction of competition; the management of local industries by absentees in the interest of absentee capital; destruction of local public spirit, fraudulent capitalization, secrecy, management for the private benefit of the officials; the power to corrupt elections, and in some cases to corrupt the courts; the want of personal responsibility to public sentiment, the absence of personal liability for contracts or wrongdoing; the holding of vast properties in mortmain, in the 'dead hand,' if we may use the ancient phrase in English law. But it has life enough for all purposes of power to serve the will that wields it. It is dead only to the influence of any nerve which comes from the brain or heart of the people."

ON A TENDER TOE.

We publish elsewhere in this issue, a letter from "Clothier," Hamilton, Ont., in reply to an article on the clothing trade which appeared in our issue of Dec. 26th last. That the article in question struck "a tender toe" is very evident, for the reply savours rather of the impromptu remarks of the party whose toes were pressed than of the calmer judgments which usually follow first impulses.

In the clothing trade article it was stated that "the dealer in ready-made clothing is expected to fit all shapes and sizes within certain exceptional limits, and he very often succeeds." To which Clothier replies: "We cannot think that the writer knew much about what he undertook to enlighten the public concerning." Now, "facts are stubborn things." Clothier's contention that a man who is versed in the clothing trade "would never contrast ready-made English clothing with Canadian, to the detriment of the latter and praise of the former," does not in any sense convince those who have worn and paid for both. His style of reasoning is rather that of the clothing dealer who is desirous of making a sale, and accordingly jumps at quick conclusions, than of the person who sets out to show in some sort of convincing way just how, where and why clothing made in any particular country is superior, or finds quicker sale, than that made in another.

Further perusal of the original article, to which "Clothier" takes such hurried exception, would show that the "convincing" points in favour of English-made clothing were not lost sight of. When "Clothier" contends that the Canadian ready-made clothing trade has made advances within the last few years, we fully agree with him, as will be seen by previous articles on this

subject in our columns. But his exception to the words "wholesome competition" of English-made garments, is based from an interpretation of that paragraph not in accord with the way it reads. He uses the present tense where the future tense is implied. With this little mistake on Clothier's part left out, and his earlier "get off my corn" wherein the writer of the clothing article knew little about his subject, we are getting pretty much together. Something like a good fit after all, even at long range and without even chest measurement.

While pleased to publish Clothier's letter, even at personal risk from the writer of the original clothing article, who, by-the-way, appears to have superintended the handling of "shears" other than those sometimes suspected as belonging to the newspaper fraternity, and whose knowledge of the ready-made clothing trade would seem to "fit" him for further "enlightening" discussion, we would be better pleased had "Clothier" gone more into details, cut deeper with his shears, as it were, so that those both in and out of the clothing trade might be permitted thereby to "take a peep" and observing, be able, as we before remarked, to tell just how, where and why ready-made clothing made in one country surpasses for the same money that made in another. On those points, from which we "threw off the cover" in our first article, we should be pleased to hear from our Western "Clothier."

THE RESPONSIBILITY OF UNIONS.

Although heard of but slightly in Canada, the case originating in August, 1900, occasioned by the action of the Amalgamated Society of Railway Servants as strikers against the Taff Vale Railway Company of Wales, created no little discussion throughout the United Kingdom. Out of 1,200 employes 800 broke their contracts with the railway. Cases of violence were heard of in the neighbourhood for some time following the strike. The company took the matter before the courts, making the general secretary, the organizing secretary and the trustees of the funds of the Society defendants. The legal contest has lasted ever since, until about a fortnight ago. The action of the railway was for a perpetual injunction, and it applied for an interim injunction restraining the Society from organizing the strike in an illegal manner. On the month following the Justice granted the latter injunction, holding that a Trade-Union, registered under the Trade-Union Acts, 1871 and 1876, may be sued in its registered name. In November, 1900, this decision was reversed by the Court of Appeal, and the interim injunction dissolved. In July, 1901, the decision of the Courts of Appeal was reversed by the House of Lords, and the case was remitted to the King's Bench Division with Mr. Justice Farwell's judgments restored. The grounds of the decision are succinctly stated by Lord Halsbury: "If the Legislature has created a thing which can own property, which can employ servants, and which can inflict injury, it must be taken, I think, to have impliedly given the power to make it suable in a Court of Law for injuries purposely done by its authority and procurement." The Society was therefore suable and its funds liable. The consolidated action, including a fresh action for damages, accordingly proceeded, and the jury (without leaving the box) have now found, under the direction of

Mr. Justice Wells, that the defendants had conspired together to molest and injure the plaintiffs in their business by unlawful means, that the defendants had unlawfully persuaded the men whose notices had not expired to break their contracts, and that they had authorized and assisted in carrying out the strike by unlawful means. The case, according to the Spectator, has caused much searching of hearts in the Unions, but it will, we believe, be eventually a source of strength to Trade-Unionism. It will give many of the Unions a much-needed sense of responsibility. They must remember also that what is sauce for the goose is sauce for the gander. The decision which now seems hard to them may prove some day of the greatest public value in restraining oppressive combinations of capital and in making them responsible for their acts. A Trust is often, in fact, a capitalists' Trade-Union, and might greatly like to protect itself by refusing to take responsibility for the acts of its agents. The business of the State is to protect the liberty of the individual from interference either by individuals or by associations and corporations. The result will be noted with interest all over this continent in view of the recent strike.

BANK OF MONTREAL SPECIAL MEETING.

The special meeting of the shareholders of the Bank of Montreal, called for the purpose of increasing the capital of the Bank and sub-dividing the existing shares of the total old and new capital into shares of the par value of \$100, was held on the 7th inst., at the head office in this city. A large and influential attendance was noted. Hon. G. A. Drummond, vice-president, occupied the chair. Mr. James Aldr, secretary of the Bank, was appointed secretary of the meeting.

The chairman, having explained the object of the meeting, moved the following resolutions, seconded by Mr. A. T. Patterson:

Whereas the capital stock of the Bank of Montreal is now \$12,000,000, and it is expedient that the same should be increased, be it, therefore, enacted by the shareholders of the bank, assembled at the special general meeting held at the head office of the Bank of Montreal, the seventh day of January, 1903:

(1) That the capital stock of the Bank of Montreal be, and the same is hereby increased by the sum of \$2,000,000, divided into 10,000 shares of \$200 each (£50 currency).

(2) The said increased stock shall, when the directors so determine, and from time to time if they think fit, be allotted to the then shareholders of the bank pro rata, and at such rate as is fixed by the directors, but no fraction of a share shall be so allotted; provided that in no case shall a rate be fixed by the directors which will make the percentage which the reserve fund of the bank then bears to the paid up capital stock thereof.

(3) Any stock allotted from time to time which is not taken up by the shareholder to whom such allotment has been made within six months of the time the notice of the allotment was mailed to his address, or which any shareholder declines to accept, and, or, any shares which shall not be allotted by reason of the provision hereinbefore contained against the allotment of fractions of a share, may be offered for subscription to the public, at such times, in such manner, and on such terms as the directors may prescribe.

Mr. John Crawford thought it important that the meeting should have some indication of what rate of premium

should be charged to the shareholders, to which the Chairman replied that the directors intended that the new stock should be allotted to shareholders at a premium of 70 per cent. on the par value.

Mr. Crawford replied that he thought this excessive, and urged the shareholders to postpone decision in the matter.

The chairman explained that it would be a year before the bank would be able to take advantage of the increase in capital, and it would be unwise to delay, and upon a ballot being taken, the motion was unanimously adopted.

Mr. B. A. Boas next moved, seconded by Mr. John Crawford, That the directors be authorized to apply to the Dominion Parliament for an act subdividing the existing shares of the capital stock of the bank, and the shares of any increase of capital into shares of the par value of \$100 each.—Carried unanimously.

The following was moved by Mr. E. B. Greenshields, seconded by Mr. A. F. Gault, and agreed to:—That by-law No. 1 be amended by substituting for the word "June" in the third line of said by-law (as printed) the word "December." This amendment to by-law to take effect after the next annual meeting in June.

On the motion of Mr. John Morrison, seconded by Mr. John Crawford, a hearty vote of thanks was accorded the chairman for his conduct of the business of the meeting. This he suitably acknowledged.

Among those present were the following gentlemen:—Hon. George A. Drummond, vice-president; Messrs. Charles Alexander, W. H. Dixon, Henry Dobell, Charles M. Holt, H. B. Woodrow, A. F. Gault, B. A. Boas, Dr. F. J. Shepherd, G. F. C. Smith, M. Burke, Hon. J. K. Ward, F. S. Lyman, K.C., C. E. Good, W. R. Miller, A. T. Taylor, George Durnford, R. B. Angus, Sir W. C. Macdonald, A. T. Paterson, E. Archigald, C. J. Fleet, E. B. Greenshields, J. Pangman, M. Spencer, L. Herne, Dr. McCarthy, R. Hampson, W. Murphy, John Drury, George Hague, John Crawford, Margaret E. Paterson, Robert Archer, J. S. Armstrong, James Harper, Dr. Nichol, G. H. Montgomery, R. Forget, R. H. Clark, J. G. Snetsinger, F. McLennan, John Taylor, M. S. Foley, J. McK. Rea, George Filer, Edward Fiske and J. H. Joseph.

IMPROVEMENT OF SEED.

We are favored by the Minister of Agriculture with a circular letter announcing that 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 very best and has been secured by the director of the experimental farms from the excellent crops recently in the North-West. The distribution this spring will consist of samples of oats, spring wheat, barley, Indian corn and potatoes. The quantities of oats, wheat and barley to be sent this year will be sufficient to sow one twentieth of an acre. The samples of Indian corn and potatoes will weigh 3 lbs. as heretofore. 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, and applications for more than one sample for one household cannot be entertained. These samples will be sent free of charge through the mail. Applications should be addressed to the director of Experimental Farms, Ottawa, and may be sent in any time before the 1st of March, after which the lists will be closed, so that all the samples asked for may be sent out in good time for sowing. Parties writing should mention the sort or variety they would prefer, and should the available stock of the kind asked for be exhausted, some other good sort will be sent in its place.

This practical labour on the part of the Government is worthy of all praise and encouragement.

DUTIABLE GOODS.—(Continued.)

Countries.	ARTICLES IMPORTED.			ENTERED FOR HOME CONSUMPTION.				
	—Total Imports—			General Tariff.		Preferential Tariff.		
	Quantity.	Value.	Quantity.	Value.	Duty.	Quantity.	Value.	Duty.
Bait fish, salted, not in barrels—								
United States	4,000	98	.....	.....	.....	.....	.....	.....
Salmon, fresh—								
United States	911,685	31,917	911,685	31,917	4,558.47	.....	.....	.....
Salmon, smoked—								
United States	4,121	361	4,121	361	41.21	.....	.....	.....
Salmon, canned, prepared or preserved, N.E.S.—								
United States	1,982	213	712	60	15.00	.....	.....	.....
Salmon, pickled or salted—								
United States	20,385	944	20,385	944	203.85	.....	.....	.....
Smoked or boneless, N.E.S.—								
Great Britain	949	100	534	73	5.34	424	33	2.83
China	1,200	25	1,200	25	12.00	.....	.....	.....
United States	63,882	4,899	63,781	4,878	637.81	.....	.....	.....
Total	66,031	5,024	65,515	4,976	655.15	424	33	2.83
Anchovies and sardines, packed in oil, otherwise, in tin boxes—								
						Boxes.		
Norway and Sweden	200	19	200	19	10.00	.....	.....	.....
United States	15	6	15	6	75	.....	.....	.....
Total	215	25	215	25	10.75	.....	.....	.....
Anchovies and sardines in ½ boxes—								
			½ Boxes.		½ Boxes.			
Great Britain	23,386	3,640	15,944	2,588	398.60	524	67	8.74
France	12,391	2,456	22,900	3,553	572.50	.....	.....	.....
Norway and Sweden	248	20	248	20	6.20	.....	.....	.....
United States	1,530	238	4,830	681	120.76	.....	.....	.....
Total	37,555	6,354	42,922	6,742	1,098.06	524	67	8.74
Anchovies and sardines in ¼ boxes—								
			¼ Boxes.		¼ Boxes.			
Great Britain	552,853	36,087	498,132	34,868	9,962.64	70,312	3,149	937.50
Belgium	2,200	182	2,200	182	44.00	.....	.....	.....
China	5,600	365	200	17	4.00	.....	.....	.....
France	447,511	33,397	478,514	33,870	9,570.28	.....	.....	.....
Norway and Sweden	100	12	100	12	2.00	.....	.....	.....
Portugal	113,900	6,692	113,500	6,074	2,390.00	.....	.....	.....
St. Pierre	75	9	75	9	1.50	.....	.....	.....
United States	108,846	7,695	113,521	7,739	2,270.42	.....	.....	.....
Total	1,231,085	84,442	1,212,242	82,771	24,244.84	70,312	3,149	937.50
Anchovies and sardines, imported in any other form—								
Great Britain .....	.....	2,041	.....	272	81.60	.....	1,270	254.00
China .....	.....	74	.....	74	22.20	.....	.....	.....
France .....	.....	811	.....	851	255.30	.....	.....	.....
Italy .....	.....	536	.....	198	59.40	.....	.....	.....
Norway and Sweden .....	.....	14	.....	14	4.20	.....	.....	.....
United States .....	.....	953	.....	874	262.20	.....	.....	.....
Total .....	.....	4,429	.....	2,283	684.90	.....	1,270	254.00

BR
MA

Establ

A pri
dairy p
weather
little p
Zealand
amount
be incre
main u
bourne
which is
shipmen
in Aus
the pro
good m
tation h
Danish
stated
steadied
Cheese
though,
charact
we k, 1
to 48s.

It is
noticing
the fact
Shaksp
cie." bu
footligh
gifted e
of a bo
"A Tre
some 2
Madam
Alexan
of the
coste.
book fo
could n
the pro
days an
expense
before
and an
in liter
the wh
Hew an
a work
bringing
except
author

**BRITISH
MANUFACTURE**

Send for a complete set of Catalogues. **TWIN LENS CAMERAS**, for plates, films or roller film (daylight loading) with full size finders, giving exactly what will be seen on the Plate.

THE ZYLO CAMERA

A Film Camera de Luxe, carrying 24 films of any make without backing or notching.

THE LONDON STEREOSCOPIC COMPANY, THE PIONEERS OF AMATEUR PHOTOGRAPHY.
--

STAND or FIELD CAMERAS of the Best Make. STEREOSCOPIC CAMERAS, in Great Variety.
The LARGEST STOCK of every requisite for Photographers of any house in England."

**106 & 108 Regent Street and 54 Cheapside, E.C.,
LONDON, ENGLAND.**

Established 50 Years.

DAIRY PRODUCE.

A private London circular, date Dec. 24, treating of the dairy produce situation, says:—Butter.—Mild and open weather still continues, and during the last few days very little precipitation has taken place. The market for New Zealand butter is altogether of a holiday character. The amount of butter on the spot is very limited, and cannot be increased until about the 6th of January. Prices remain unchanged on the week. The "Orontes" left Melbourne this week with 1,557 cwts. of butter on board, which is the greatest shipment this season. Last week the shipment was only only 304 cwts., so that the recent rains in Australia seem to be having a beneficial effect upon the production of butter. Canadian butter still finds a good market at late prices. The Copenhagen official quotation has been reduced by three kroner. The markets for Danish in the North of England are disorganized, and, as stated last week, the reduction in the quotation has not steadied them. The panic must wear itself out.

Cheese.—The market for Canadian continues fair, although, like all other markets it is altogether of a holiday character. Quotations, 60s for choicest. Corresponding week, 1901, choicest sold at 49s to 50s, and finest at 46s to 48s.

A NEW LAW-BOOK.

It is not often that we are afforded an opportunity of noticing a book on Law, the work of one of the fair sex. Every reader will at once recall Shakespeare's heroine in the "Merchant of Venice," but since that charming creation first saw the footlights there does not occur an instance of any one gifted enough to tread in Portia's footsteps, to say nothing of a book on the subject. The work before us is entitled "A Treatise on Everyday Law," a handy little volume of some 200 pages, with a copious index. The author is Madame Marie Gerin-Lajoie, the eldest daughter of Sir Alexander Lacoste, and the wife of Mr. Henri Gerin-Lajoie of the distinguished law firm of Brosseau, Lajoie & Lacoste. The work is doubtless mainly intended as a textbook for advanced schools and colleges, where its study could not fail to be useful to those purposing to enter the profession, even to everybody who, after their school-days are over, would save themselves much trouble and expense in the affairs of their everyday life. The volume before us is a translation from its original French dress, and an excellent one it is—evidently the work of no tyro in literature. Madam Lajoie has conferred a benefit on the whole community by the publication of this work. How any lady could find the time to produce unaided such a work while performing the duties inseparable from the bringing up of a young family, must be a mystery to all except those who have the pleasure of knowing the fair authoress in her domestic life.

AGREEABLE BUSINESS SUBJECTS.

Never, since the inception of the "Journal of Commerce," in 1875, has Canada witnessed as few mercantile vicissitudes as during the present holiday season. The only change worthy of note are the retirement of prosperous business men, who wish to take some respite from their wonted labours and "lengthen out life's taper to the close." Among them is Mr. A. T. Higginson, of Belmont Park, who has retired from his upwards of forty years' association with the business of R. C. Jameson & Co., having sold out to his old partner. Mr. Higginson, who knows how to enjoy a holiday, leaves shortly for Nassau, W. I., for a few months' stay.—Another retired wealthy manufacturer is Mr. D. A. McCaskill, who has recently sold out to his partner, Mr. J. S. N. Dougall, with whom he has been for many years associated. The varnish trade is clearly not the worst among us.

That length of pleasant years often follows retirement from the exactions of business, contrary to what is generally maintained, is proven by one notable case in our midst, that of Mr. John McArthur, who retired many years ago from the prosperous wholesale firm which still bears his name (McArthur, Corneille & Co.), and is still conducted by his only son, Mr. James McArthur. Mr. McArthur, senior, is one of the few business men blessed with artistic tastes, which he has long cultivated amid scenes abroad and at home, the agreeable results of which are testified to by scores of highly meritorious paintings. Mr. McArthur, who has turned his 90th year, still devotes some time daily to the favourite pursuit of his leisure years.

The firm of Thos. May & Co., for a long time in the wholesale millinery and silk trade in Montreal, have given up the business to enter into the manufacture of women's outer garments. The change came as a surprise to many business men and women all over Canada, who had known the firm for many years as credited with almost monopolizing the cream of the trade. The house was, however, not entirely free from such barnacles as long established concerns find it difficult if not impossible to separate; and there was not wanting at one time another worry, which happily was overcome.

BANK OF MONTREAL'S NEW \$100 NOTE ISSUE.

A new bank note of the denomination of \$100, probably the largest of its kind on the continent, has been issued by the Bank of Montreal. It is about double the size of the ordinary \$100 bill, and counterfeiters cannot raise a \$10 so as to represent the face value of the new issue, a wise precaution. On the right-hand side of the face of the bill is a vignette of Lord Strathcona, president of the bank, and on the left a vignette of Hon. George A. Drum-

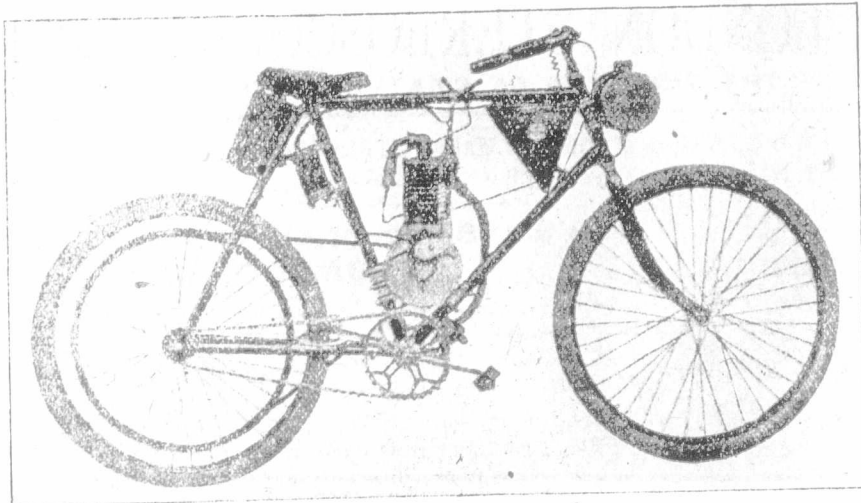
FACTORS OF: Motor Accessories, Motor Bodies in Wood and Aluminum, Electrical Parts, Rubber Goods, Lubricating Oils, &c.

Telegraphic Address: "AUTOLATRY."

AUTOMOBILE COMPONENTS, LIMITED,

MANUFACTURERS OF

Steam, Petrol and Electric Motors, Gears, Axles, Frames, Tools, Fittings and all Motor Component Parts, for Cars, Launches and Stationary Work.



18-20 Church St., Islington, N., - London, England.

NOTE—These Cars are supplied $33\frac{1}{3}$ p.c., less to Canadians, F.O.B. London, under the New Preferential Tariff.

mond, vice-president. The likenesses of both gentlemen are excellent. The Indian figures that surmount the words "Bank of Montreal," with the Canadian beaver and shield bearing Montreal's motto, "Concordia salus," are good specimens of the engraver's art. On the back of the note is a view of the new bank as completed. The bill is signed "Stratheona," and countersigned, "James Aird." These notes will likely prove as useful on this continent and even abroad as are the higher denominations of the Bank of England notes everywhere in Europe.

UNITED STATES FINANCES.

The banking firm of Henry Clews & Co., New York, reports under date January 3, 1903.—The year opens under somewhat different auspices than in 1902. Then the top of the "boom" was not in sight. To-day it has been fairly passed; at least so far as Wall Street is concerned. While the industrial, commercial and agricultural interests of the country continue enjoying great prosperity, Wall Street is soberly contemplating its past excesses. The period of intoxication is over; the depression following has also fairly passed off, but the rank and file are still pondering over the extraordinary doings of the last few years and endeavoring to return to more normal conditions. The result is a somewhat confused though not unpromising outlook.

A look into trade conditions shows that the volume of business continues on an enormous scale. The growth of population and the spread of prosperity among the masses mean a great consumption of the necessaries and comforts of life, to say nothing of luxuries in demand by the wealthy. The spirit of lavishness is abroad in sharp contrast with a former spirit of economy, and this alone is a tremendous trade stimulant. In many cases production, rapidly as it is increasing in various lines, has failed thus orders and has plenty of business in sight for months to far to overtake consumption, and so prices continue high.

All the chief industries are actively employed; and, if profits are declining, the volume of orders shows no diminution. Everyone has been expecting a reaction in the iron trade; yet the great steel corporation is still rushed with come in spite of increased competition; the development of the country and new uses for iron setting aside all calculations based upon former standards. The same is true in many other lines of industry, old establishments and new ones being fully employed, with no immediate prospect of over supply. In the agricultural field similar conditions prevail. Another crop failure like that of 1901 would have been disastrous. Instead, we have been favored with large crops and good prices, so that the farming classes are unusually well-to-do. Throughout the West there is great activity and astonishing development. This is demonstrated by the congested condition of traffic on all the principal railroads, as well as by the fact that the freight moved on the Great Lakes in 1902 was about 27 per cent. greater than in the previous year. Just how soon the progressive movement will exhaust itself cannot be foretold; but these activities are marvellous testimony of the vigorous growth of the country. There are indications, however, that the pendulum has swung almost to its limit, one being the speculation in real estate throughout the country. Experience shows that all great trade movements are followed by heavy investments in real estate after every other field has been exploited. There is no reason to believe otherwise than that the same rule will hold true again. Increasing importations must not be lost sight of as depression abroad encourages the shipment of products at prices that must sooner or later compete with our own. The present outlook, however, is for another good season, to be continued at least until the next harvest, and that will be a pivotal test; for good crops invariably insure good times, while a partial failure, should it come this season, will certainly precipitate reaction.

As for conditions within the stock market, they show distinct improvement. Of course national prosperity is the bed-rock of values on the Stock Exchange; speculative ex-

HAM, BAKER & Co.

LIMITED,

Manufacturers
of.....

WESTMINSTER. ENG.

Fittings for Waterworks & Sewerage

Penstocks & Valves
For Bacteria Beds.

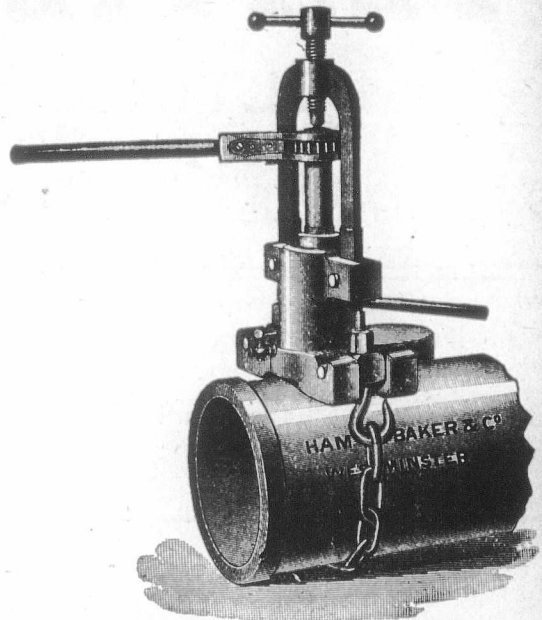
ALSO....

FIRE HYDRANTS

And Fire Appliances
for Public Buildings.

Sewer Ventilating Shafts

As Supplied in London
and Districts.



HAM, BAKER & CO., Apparatus for Drilling and Tapping Water Mains under Pressure & Making Connection without Turning Off Water.

Price F. O. B. London or Liverpool, - £10-10-0.

cesses of the last few years naturally produced the recent severe reaction. But Wall Street has commenced discounting all the good features again, and is now recovering from the forced contraction that followed the inflation of 1901 and 1902. There is still a large mass of undigested securities to be disposed of, and while money continues high stocks cannot do excessive climbing. Nevertheless, the liquidation of the last three months has done good; credit is in better shape and money promises to be easier following the large annual disbursements and a return of currency from the interior. Our indebtedness abroad has been reduced, and exports of corn and cotton should soon increase, thus diminishing the tendencies for gold exports that later on will have to be reckoned with. Another consideration remains which need not be forgotten. The market is in control of strong hands, and concentration in banking, railroads and industrials has created a resisting force of great and unknown capacity. This vast power can be readily used to restrain downward movements; its effectiveness in stopping a speculative mania has already been demonstrated during the last three months; and so long as it is used for steadying purposes, rather than promoting questionable ventures, the effect on the stock market will be beneficial. January should witness a more active market. There is much less reason for suspense; prices have had a sharp decline, and the opportunities for trading promise to be safer and more attractive than in the last two months. Conservatism, however, is still the wisest course.

INTERFERING WITH TRADE.

Persons who cannot indulge in the innocent practice of swallowing a few oysters (one at a time) without causing disastrous results should hesitate before commencing their repast. The following from London, Eng., speaks for itself, if not very well for the oyster:—No matter how

London may determine to throw off the excitement of Christmastide, something extraordinary always crops up to keep people awake. This year the excitement is over oysters. The fatal mayoral banquet at Winchester has caused no end of sensation. The post mortems which declared the death of many prominent victims to be due to typhoid from swallowing diseased oysters, followed by the death of the Dean of Winchester, also from having eaten oysters, have had a most disastrous effect on the English oyster trade.

One of the largest wholesale oyster merchants in England, in an interview said the sale of oysters had fallen by about 75 per cent. "My own books," he said, "show that I have taken in about £5,000 less during the last three days than I should have had this typhoid scare not occurred. I estimate that during the present oyster season this outbreak will cost the trade about \$500,000 worth of business.

A worse feature, however, than the loss to the large merchants will be the falling off in the employment of those who get their daily bread in the oyster producing districts. For instance, along the Kent and Essex shores there must be 500 or 600 men employed on the oyster beds. The extent of Emsworth's loss is best set forth in the following statement by one of the largest merchants in London:

In the week before Christmas we reckon to sell 100,000 oysters, but what has happened is that in the week before the scare we sold from 35,000 to 40,000. On Monday, the day previous to the first publication of the typhoid outbreak, we sold 5,000; on Tuesday the number was 3,000. Since then we have not disposed of 1,000 a day. On Saturday we did not get rid of a single oyster. On Monday 60,000 arrived by smack. They are useless. This week 50,000 more are due; they will be useless. I have at present in the beds about 500,000 oysters valued at between \$5,000 and \$10,000, but they cannot be sold. Again, I have oysters laid in other parts to which no suspicion attaches, but the present scare will render their disposal exceedingly difficult.

TEXTILE BELTING.

...
ESTABLISHED 1856.

T. H. Haagen, Son & Co.,

65, 67, 69 St. Mary Axe,
LONDON, E.C., Eng.

Specialties:

Leather Link, Balata Cotton & Hair Belts,
HOSE, PUMP and HYDRAULIC BUTTS.

Only manufacturers of the Original Genuine **Helvetia**
Leather, for Laces, Belting, &c.

PRICES AND SAMPLES FREE ON APPLICATION.

(Cut will be inserted as soon as received.)

Correspondence.

ENGLISH CLOTHING.

To the Editor Journal of Commerce.

Dear Sir:—We have read the article on "The Clothing Trade" that appeared in your issue of December 26th, and feel constrained to write a few lines in criticism of it. We cannot think that the writer knew very much what he undertook to enlighten the public concerning. Had he been versed he would never have contrasted ready-made English clothing with Canadian, to the detriment of the latter and praise of the former. As a matter of fact, English ready-mades cut no figure in the Canadian market. They command no sale here worth considering, for in points of fit and make they are away behind the output of our Canadian factories. Manufacturers of clothing are not clamoring for any additional protection against British competition.

If any branch of trade has made advances in Canada within the last few years, it is ready made clothing. Makers are aiming to meet and are meeting an ever increasing demand for a higher grade of goods. What they turn out to-day (many of them) is far superior to what was ever called for before. That this arises from the

"whole-ome competition" of English garments, as the writer states, is not so. English competition, as intimated, is not a factor at all. The demand has been created by the Canadian manufacturers themselves. The Canadian public has been quick to catch on to every improvement in the quality of ready-mades, so that to-day they are purchasing these goods as never before.

It is up to the tweed and cloth manufacturers to take exception to the statement made concerning the quality of their output as compared with English materials. We can state this, however, that the cheapest lines of clothing in the market, as well as the best, are made from English materials, and that, price considered, the Canadian article is a better wearing and more durable one than the English. To-day, the best Canadian clothing made from Canadian material compares favorably in style, fit and finish, with the finest American goods, which have the reputation of being superior to all others.

In conclusion we think, that while it may not be amiss to criticise Canadian methods and Canadian goods, when criticism, and it may be condemnation, is called for, it can only have an injurious effect to disparage an industry where, in point of fact, little cause for anything other than congratulation exists.

CLOTHIER.

Hamilton, January 1, 1903.

Thomas Ashby & Sons,

East Bond Street, - LEICESTER, Eng.

—MANUFACTURERS OF—

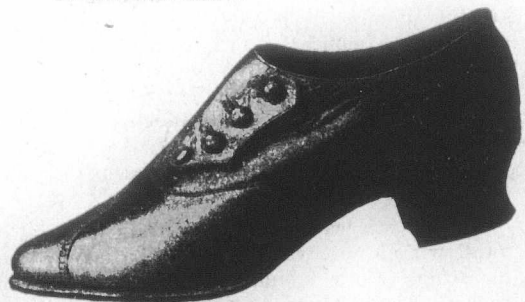
High and Medium Styles of **BOOTS** and **SHOES**.

33½ p.c. cheaper than other Countries, under the New Canadian Preferential Tariff.

Telegraphic

Address:

Modern,
LEICESTER.



The
our Ca
Judgm
eral, fr
Bills o
from t
actions
sound
have b
may ex

Athe
Tp.—M
Beeton
Tp.—J.
McKin
Lake o
Sault S
Smithfi
—E. B.
—Ray
Fane v

Hay
\$304; S

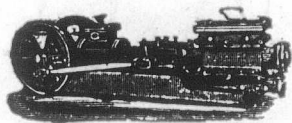
Telegrams: "NEILL, ST. HELENS."

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

Soap Machinery

.. BONE AND TALLOW DIGESTERS ..

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



SOAP, OIL, AND TAR SPECIAL PUMPS.

SOAP PANS, TANKS,
With all Fittings.

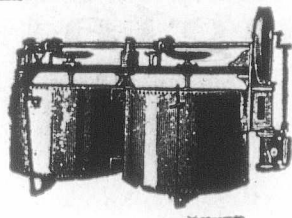
HOISTS.
SWIVELS.

STEEL SOAP FRAMES
The Best
in the Market.

CRUTCHING MACHINES
New Bar-Cutting and
Tabletting
Machines.

MILLING MACHINERY
Hand and
Steam Stamping
Machines with Dies.

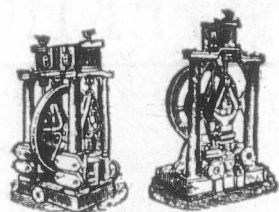
GLYCERINE PLANT,
With Fire or Steam Evaporation.



VERTICAL FRAME PUMPS FOR LIQUORS.

BRASS AND IRON CASTINGS
OF EVERY DESCRIPTION.

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



CAMERON PUMPS. PILLAR PUMPS.

FILTER PRESSES,
In Cast Iron
or Gun Metal.

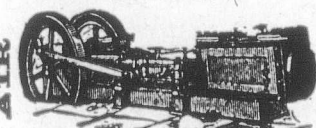
CHEMICAL PUMPS,
NOTED
AIR COMPRESSORS,
With Improved Valves.

Causticisers.
Agitators.

MECHANICAL FURNACES,
Absorbers,
Hoists, Cranes,
Winches.

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

ACID



AIR COMPRESSORS & BLOWING ENGINES.

ST. HELENS JUNCTION, LANCASHIRE, ENGLAND.

Chemical Plant

PRICES AND PARTICULARS ON APPLICATION.

Special Prices to Canadians under the new Tariff

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.

Athens—Florence Stone vs G. W. Brown \$5,000; Barton Tp.—M. J. DeVaney vs Wesley Marshall \$5,000 damages; Beeton—E. Boisseau & Co. vs Sheridan & Co., \$429; Hay Tp.—J. Belback vs G. B. Ross & Co. \$2,000; Ingersoll—J. McKinnon vs Noxon Co., Ltd., \$5,000 damages; Ottawa—Lake of the Woods Milling Co., vs R. E. Jamieson \$1,261; Sault Ste Marie—S. W. Fawcett vs C. I. Bowlby \$1,000; Smithfield—A. R. Fisher vs D. G. Bonter \$400; St. Joseph—E. B. D'Aoust vs N. M. and Joseph Cantin \$528; Toronto—Ray Street & Co. vs Mackenzie Mann & Co., \$365; F. M. Fane vs Northern Life Assee. Co. \$2,000.

JUDGMENTS RENDERED—ONTARIO.

Hay Tp.—Peoples Bank of Halifax agt N. M. Cantin \$304; Sault Ste. Marie—Wm. S. and H. M. Terry agt

Michael Leduc and Agnes Elkins \$554; Toronto—A. Kent & Sons agt J. H. Jewell et al \$464; J. P. Langley agt Law Society \$372; M. I. Miller agt W. H. Miller \$4,434; Ontario I. L. & I. Co. agt Emma Raine \$450; J. Peach agt Jno. Stephenson et al \$684; Whitby—J. Abell Engine Co. agt Margt. Vickery \$2,947;—Royal Victoria Life Ins. Co. agt C. E. Buck \$629; Detroit, Mich.—P. H. O'Neill agt B. H. Rothwell \$821.

JUDGMENTS RENDERED—QUEBEC.

Montreal—J. McNally agt Alpha Paving Co. \$551; J. B. Chartrand agt Leon Brunet \$520; C. M. Hughes agt G. T. Hall \$667; La Soc. des Artisans C. F. agt J. A. Trudel et al \$450; Quebec—J. Bissonnet agt Merchants Advertising Co. \$504; W. Henri Taillon, Plessisville Foundry agt F. & J. Larouche \$334; Westmount—F. Casey agt Francis McMann et al \$400;

JUDGMENTS RENDERED—BRITISH COLUMBIA.

Vancouver—R. V. Palmer \$396; Victoria—F. Campbell \$366.

JUDGMENTS RENDERED—NOVA SCOTIA.

Dartmouth—T. Gentles & Sons \$4,618; \$321 and \$1,821; Halifax—H. G. Paw \$330.

EXECUTIONS—QUEBEC.

Montreal—Dominion Bag Co. agt Chas A. Bull Produce Co. \$329; Rev. A. Provost agt Tusebe Robert \$2,235.

CHATTEL MORGAGES—ONTARIO.

Acton—Fredk. Milatz to J. Fenwick \$2,500; Albemarle Tp.—George Voght to D. Henther \$600; Arnprior—J. C.

TELEGRAMS: RIBOTINE, LEICESTER.

WATERHOUSE REYNOLDS & CO.,

Corset— Manufacturers,

Brown Street,

Leicester, = England.

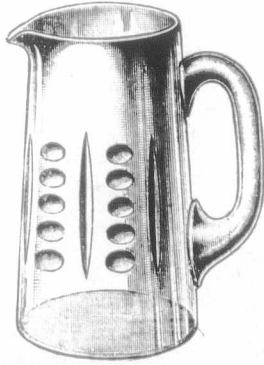
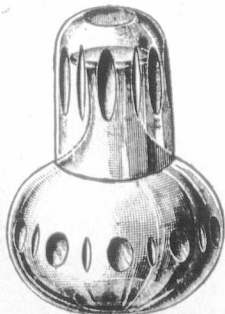
MANUFACTURERS
OF

MADAME JEANNE,

MADAME LIEDER,

ANGLO FRENCH RIBOLINE.

Richard Green & Sons,
13, Bartlett's Buildings, Holborn Circus,
London, E.C., ENGLAND.
The Continental Table Glass Co.
Illustrated List for the Colonies on Application.



Crystal and Demi-Crystal.
Tumblers— $\frac{1}{4}$ -pt., 1-5-qt., $\frac{1}{4}$ -pt. $\frac{3}{4}$ -pt. and 1-pt. plain, cut and etched. Barrel, Flanged, Conical and Straight Shapes.
Wines—Clarets, Grogs, Elgins, etc. **Bottles and Ups, Jugs, Decanters,** etc., etc.
Telegrams: "Caisse, London."

Williams to W. H. Steele \$2,022; Enniskillen Tp.—W. H. Fogle et al to J. G. Finch \$1,542; Guelph—Chas. Law agt R. C. Scott \$994; Lindsay—Jas. Housey to W. J. Williamson \$650; Ottawa—Geo. Gauthier and wife to Eulalie La-liberte \$1,000; A. E. Snider to Ottawa Wine Vault Co. et al \$1,500; A. E. Snider to Capital Brewing Company \$1,500; Owen Sound—T. S. Johnstone to Telford & Co. \$734; Peterborough—W. H. Robertson to Mary A. Robin-son et al \$4,916; Saltfleet Tp.—Thos. Boden, Jr. to Saw-yer-Massey Co. \$699; Toronto—Jas. Meagher to L. Rein-hardt \$1,066; Jas. Meagher to Cosgrave Brew. Co. 1,133; Motton & Co. to Cosgrave Brew. Co. \$2,493; Motton & Co. to Est. of M. E. Kormann \$2,493; Motton & Co. to G. J. Foy \$800; Toronto Jct.—A. E. and F. W. Mercer to J. Montgomery \$4,200; York Tp.—Miss Jane McBride to W. Roaf \$682.

CHATEL MORTGAGE—BRITISH COLUMBIA.

Rossland.—M. E. King \$6,000; Vancouver—G. W. Ken-edy \$1,525; Victoria—Robt. Fislayson \$600.

BILLS OF SALE—ONTARIO.

Kinloss Tp.—C. W. Smith to W. P. Smith \$1,000; Nor-wich—Wm. Baskerville to Anna Gould \$1,200; Preston—James Fenwick to F. Milatz \$2,500.

BILLS OF SALE—BRITISH COLUMBIA.

Vancouver—T. Veith \$2,500.

SPE

Castor O
Olive Oil
Ravison
Nut Oil
Cod Liver
Essential
Castile S
Oleine
Stearine
Glycerin

A priv
the cher
tioned t
just pre
improve
quietly
has in
prov: me
ing, or
light, b
parative
profit so

This
extent o
articles
manufa
ments
them u
the hig
recent

SPECIALITIES

Castor Oil	Alkali	Lithia Salts	Photo	Tanning-Extracts
Olive Oil	Bleach	Phosphoric Acid	Developers	French & Italian Produce
Ravison Oil	Bakcake	Sulphuric Acid	Plates	Liquorice Sticks, Peel,
Nut Oil	Sulphur	Carbolic Acid	Papers	etc. etc.
Cod Liver Oil	Potashes	Tartaric Acid	Nitrate Silver	
Essential Oils	Sul. Copper	Acetic Acid	Chloride Gold	
Castile Soap	Verdigris	Prussiates		
Olefine	Camphor	Cyanides		
Stearine	Mercurials			
Glycerine				

COMMISSION MERCHANTS. IMPORTERS-EXPORTERS.

FUERST BROS.

17 PHILPOT LANE, LONDON, E.C., England. (ONLY ADDRESS.)

HEADQUARTERS

for all Heavy
or Fine Chemicals, Drugs, Oils, Essences,
Pharmaceuticals, Drysalteries, and Produce.

Samples and Prices on Application
Telegrams:—"FUERST, London." Telephone No. 1050.

Correspondence Solicited.

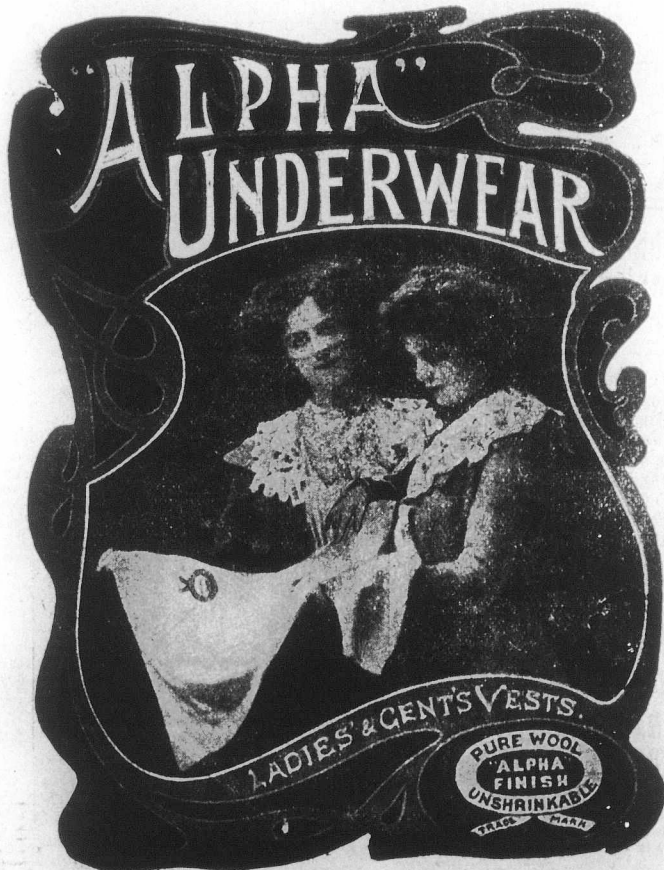
CHEMICALS.

A private Manchester circular date Dec. 27, treating of the chemical situation, says:—Twelve months ago we mentioned that the chemical trade, after some little brighten-just previously, had become dull again, and that any early improvement could scarcely be expected. This year opened quietly and gradually became pronounced in dullness, and has in general not been satisfactory, but is still an improvement on 1901. It is not that orders have been lacking, or that the volume of trade has in the aggregate been light, but that transactions have so largely been for comparatively unimportant quantities and the margins of profit so narrow.

This preference for small quantities may be to some extent explained by the production and value of so many articles being now regulated by arrangements amongst manufacturers, and general buyers do not find any inducements to encourage these methods which often causes them uncertainty and dissatisfaction, as for instance in the high figures ruling for bleaching powder before the recent sudden drop of some £3 per ton. Quite a number

of articles have, however, been offering at figures that under ordinary circumstances would have proved very attractive, but buyers have had little confidence and have contented themselves with covering immediate requirements.

This applies more particularly to the first half of the year. Since the conclusion of peace in South Africa, and the turn of the half-year, a better tone has slowly developed, and during the last three months there has been more business doing and buyers continue to show a disposition to purchase in larger quantities and for more extended delivery. The export trade has been fairly good; the home trade has been unsatisfactory, but this is now looking better, particularly in the textile branch. There seems now to be reason to expect further improvement, and it is to be hoped that this will not come in any rush, followed by reaction, but will develop steadily and be prolonged. The heavy alkali trade has had a steady, if not very active year, values in general having been well maintained. Caustic soda, ammonia soda and soda crystals have throughout the year been selling at the figures current today, and are quoted for forward delivery at the same prices.



Increasing in Popularity
Moderate in Price
Unshrinkable

"ALPHA"
Underwear

WHOLESALE ONLY FROM

T. H. DOWNING & Co.

Manufacturers,

LEICESTER, Eng.

ALSO...

103 & 104 Wood Street, LONDON.

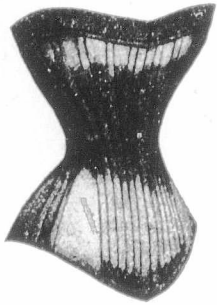
CARDIFF, LIVERPOOL and MANCHESTER.

Price Lists, Illustrated Booklets, Circulars,
&c., Mailed free on application.

R. LATIMER & Co.

WHOLESALE and EXPORT

Corset Manufacturers,
York St., Granby St, LEICESTER, Eng.



The "Erect Form"
Corset.

Makers of the

"FITZWEL" Corset,
"STRAIGHTFRONT" Corset,
"ERECTFORM" Corset,
"WATCHSPRING, Corset, etc., etc.

BEST QUALITY AT LOWEST PRICES.



The "Fitzwell"
Corset.

Made in all the Latest Shapes and Designs, under the Preferential Tariff, &c.

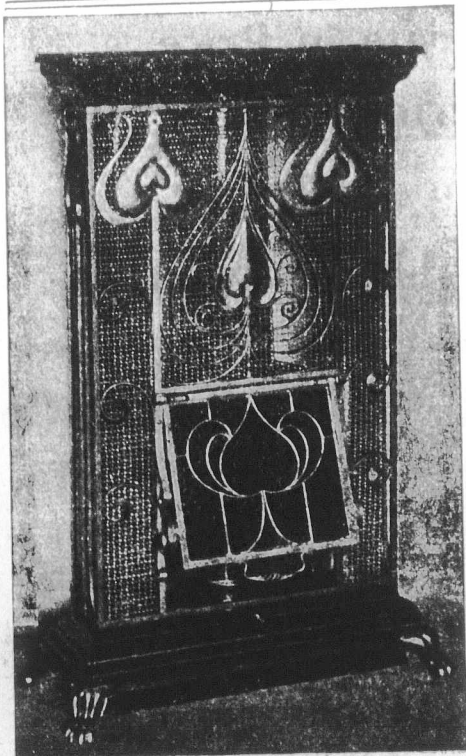
Bleaching powder has been as high as £6 10s, but steady for the greater part of the year at about £6 7s 6d, and is now at about £6, but little doing, as prices for next year are about £2 to £2 5s per ton lower; in August last the British and Continental makers failed to renew their arrangement as to prices for 1903, and at once commenced a most active competition for next year's contracts, sales being made as low as £3 5s, a record price for this article. Chlorates of potash and soda have had a bad year; the electrolytic product has caused a keen competition, and prices have fallen steadily a full ½d per lb., or say some 16 per cent., and are at present lower than ever before known.

During the eleven completed months of 1901 the exports of bleaching materials and soda compounds were respectively 47,135 tons, value £311,670 (average £6 12s 2d), and 172,411 tons, value £1,042,183 (average £6 0s 10d); during the eleven completed months of this year they are respectively 42,069 tons, value £258,475 (average £6 2s 10d), and

199,968 tons, value £1,181,883 (average £5 18s 2d); bleaching materials thus showing a decrease of 5,066 tons or £3,195, and soda compounds an increase of 27,527 tons or £139,700. Brown acetate of lime has varied little in value throughout the twelve months, but is latterly bringing rather better figures; grey acetate has steadily appreciated some 10 per cent., and British makers are now putting very little on the market, price having fallen so low and unremunerative. Acetate of soda has scarcely changed in price during the year.

Muriate of ammonia has had steady outlet at good prices; Salammioniac was advanced £3 per ton in May and is firm; carbonate of ammonia has been selling at steady figures, but demand has latterly declined, and prices have just been reduced ¼c per lb.; these ammonia salts are all well controlled by arrangements amongst manufacturers. Sulphate of copper has fallen steadily, the total drop being some £1 15s per ton, but the market at present is rather

Telegrams: "WARMNESS London."



C 8. Inclusive Price, £12 12 0

'LUX-CALOR'

Ritchie's Patent
Condensing Gas Stove.

No Flue Required.

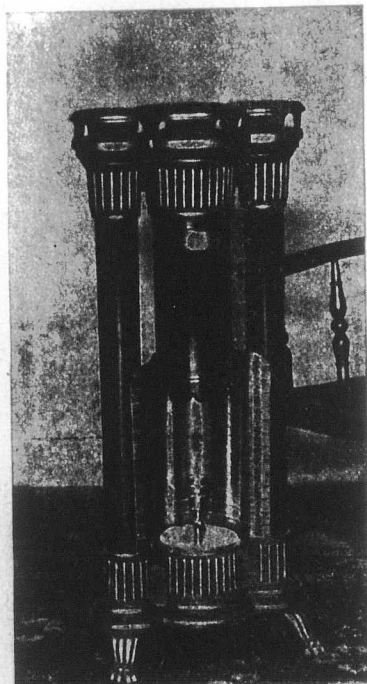
Supplied to His Majesty the King at Buckingham Palace; The Bank of England; the Mansion House; the Guildhall; the Society of Arts; the Royal Observatory, Greenwich; the London County Council; the Metropolitan Fire Brigade; the Stock Exchange; "The Lancet" Office; and the principal Gas Companies of the World.

RITCHIE & CO.,

Contractors to the
London Gas Companies.

46 Hatfield Street,
SOUHTWARK, S.E., London, Eng.
(Near Blackfriars Bridge)

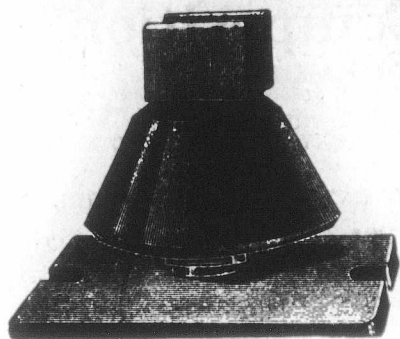
Special prices to Canadians under the New
Tariff, 38½ p.c. in favour of Canada.



D 8. Inclusive Price, £4 5

Telephone No 6096. BANK.

Telegrams:—"ISOLABLE, LONDON."



**THIRD
RAIL
INSULATORS.**

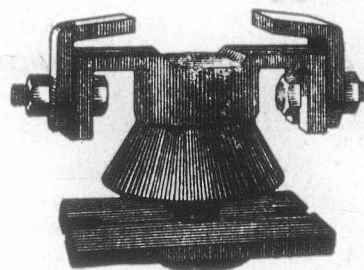
AMBROIN

Strong. Durable. Non-Hygrosopic. Perfect Insulation.

ESTLER BROTHERS,

25 Laurence Pountney Lane,

Cannon St., LONDON, E.C., Eng.



Special Terms to Canadians under the New Tariff.

firmer. Green copperas has been selling well and bringing high prices, but is latterly easier, demand having decreased.

Foreign white sugar of lead dropped about £1 per ton during the first half of this year, and has recently advanced to about the same extent, being in good demand and stocks only small. Nitrate of lead has moved steadily, and has at present a fair enquiry for prompt and forward. White lead has of late been offering cheaply from the Continent, and consumers have taken the opportunity of covering their requirements well forward. Carbonate and caustic potash have had a dull year; consumption has declined, and prices fell some £2 per ton, but during the last two months there has been a recovery, and consumers seeing low prices and the market improving have come forward and bought freely.

Borax has had a steady outlet, but at low prices, varying from about £12 to £13 per ton, which leave very little margin for profit, according to manufacturers; these are different figures from those current in the United States of America where the article is protected by an import duty, fixed at 5 cents per lb. or over £23 per ton. White powdered arsenic, after falling some £4 per ton, has during the last month or so advanced 15s and is firm; the production of the European and North American continents continues to increase, and under favorable conditions for

competition with the English which has so long held the market; it would not be matter for surprise to see some arrangement made for the regulation of output and prices of this article.

A CLOTHING FAILURE.

The offer of 50 cents in the dollar made on the 7th inst. by McFarland, Grey & Southgate, wholesale clothiers, Toronto, had not been accepted at last advices. Consultation is being held as to the validity of claims of two partners, McFarland and Grey, for \$20,000 each, apart from which the estate is claimed to be solvent. Liabilities, including above two claims, show \$134,625; assets \$124,820. The statement of the assignee shows that the Imperial Bank claims \$80,430 on customers' paper discounted, besides overdrafts of about \$14,000. Creditors in Montreal include the Canadian Colored Cotton Mills, \$14,301; Merchants' Cotton Company, \$8,520; Colonial Bleaching and Printing Company, \$2,741; Canada Woollen Mills, St. Hyacinthe, \$5,288. The American creditors are: Boston, Gossamer Rubber Co., Hyde Park, Mass., \$1,322, and the Meriden Cotton Mills, Meriden, Mass., \$340. Ryland & Son, Manchester, England, claim \$5,600.

J. Underwood & Co.

WHOLESALE AND EXPORT

BOOT MANUFACTURERS.

For Canadians under the New Tariff.

Junior Street,

LEICESTER, Eng

Women and Children's Medium Class BOOTS and SHOES.

(Cut will be inserted next week

Telegrams -
"DICOTTO, "LONDON."]Telephone
No. 4168 A v

DICK'S "Imperial" Anti-Fouling Composition.

As Used by ADMIRALTY and LEADING COMPANIES.

"ELASTIKUM" FOR ALL WEATHER WORK, INSIDE AND OUT.
VERY DURABLE AND LASTING.

"JAPLAK" QUICK-DRYING PAINT FOR HOLDS.
GUARANTEED TO PREVENT PITTING OR OXIDISING.

Dick's Marine Engine & Cylinder Oils,

AS USED BY WHITE STAR, CASTLE, ORIENT, BRITISH INDIA, AND OTHER LEADING LINES.

Sole Proprietors and Manufacturers—

W. B. DICK & CO., LTD., 60, ST. MARY AXE, LONDON, ENG.

WORKS: KING AND QUEEN AND LAVENDER WHARFS, ROTHERHITHE.

BRANCHES: LIVERPOOL, GLASGOW, CARDIFF, NEWCASTLE AND HAMBURG.

HAMILTON DRY GOODS FIRM IN TROUBLE.

Creditors of the Hamilton, Ont., dry goods firm of A. L. Pentecost & Co., learned last week that the firm had sold out to Edward Wilson, without having given previous notice to those firms interested. A writ has been issued, at the instance of Messrs. Gault Bros., this city, against A. L. Pentecost, R. W. Pentecost, Ed. Wilson and Hamilton Cassels. The business was originally owned by Campbell & Pentecost. The firm's indebtedness is said to be in the neighborhood of \$30,000.

—John McBean & Co., dry goods merchants, Georgetown, Ont., have assigned. Liabilities said to be \$25,000, with Toronto, Montreal, Ottawa, Hamilton and London wholesale houses among the creditors.

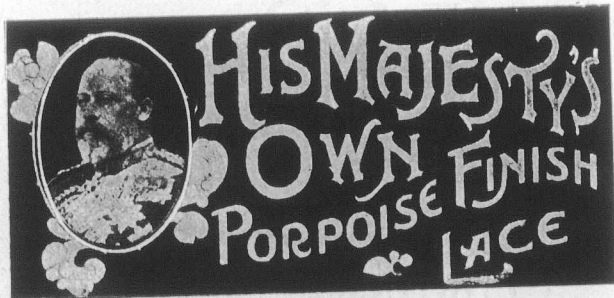
BRODER WOOLLEN MILLS.

Toronto advices state that a meeting of those interested in the Broder Woollen Mills of Streetsville will be held there to-day. The mills have closed for lack of capital. The liabilities are said to be about \$24,000. The Ontario Bank is a claimant for about \$10,000. Thos. Long, of Collingwood, has a mortgage on the mills.

—It is reported that J. P. Morgan & Company are negotiating for a line of steamers to run between Manchester and the far east.

—In a report to the Department of Trade and Commerce, Mr. J. S. Larke, Australian representative, states that the probabilities are that the requirements of wheat and flour will be in excess of his previous estimates. Victoria's imports of Canadian goods amounted in 1901 to £95,672, as against £56,789 in 1900, and £19,380 in 1899. South Australia's imports from Canada were £27,832 in 1901, as compared with £25,600 in 1900 and £19,065 in 1899. The exports to Canada in both cases were inconsiderable. Queensland took from us goods to the amount of £49,659 in 1901, £36,627 in 1900 and £21,794 in 1899. The exports to Canada were but £1,476 in 1901, as compared with £63,186 in 1899. The imports of West Australia, though small, are increasing in value, amounting in 1901 to £13,846. Mr. Larke regards West Australia, which imports altogether \$30,000,000, as the most promising field for Canadian enterprise just now. The United States, with a direct steamship service from New York, marketed \$3,000,000 of goods, or more than double the previous year. Mr. Larke reiterates the necessity of Canadian exporters making a clearly defined agreement with an agent and closely adhering to it. "Our trade," Mr. Larke goes on to say, "is now hampered for lack of shipping. In my last report I stated that United States flour via New York was taking the place of Canadian via Vancouver. One firm advertises that it has placed orders for 12,000 tons of flour from Manitoba wheat. Of this amount less than two thousand tons will

Sole makers of His Majesty, The City Mafeking, Excelsior Piccadilly British Workman, Union Fearnought, and other Carded Porpoise Laces.



SHAW BROTHERS,

Leather Lace Manufacturers,

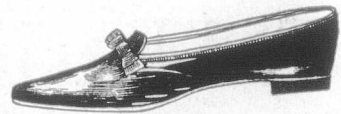
108 Bridge Street Works, - Leicester, England.

Craston & Company,

5, Brunswick Street,

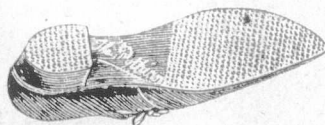
Hackney Road,

LONDON, N. E.,
England.



Manufacturers of the Finest Ladies' and Gentlemen's

Tennis Shoes,
Court Shoes,
and Slippers.



for the Canadian Market, under the New Preferential Tariff of 38½ p.c.

BRADSHAW & PAYNE,

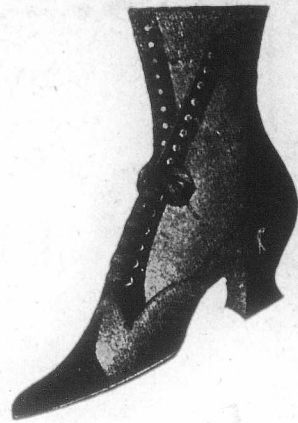
Boot and Shoe Manufacturers,

MAKERS OF THE

Waverley Brand of Boots and Shoes in all Varieties,

181, Humberstone Road,

Leicester, England.



The other Cut will be inserted when received.

Special prices under the New Tariff.

be ground in a Canadian mill and shipped from a Canadian port. The remainder will be ground in Minneapolis and shipped from New York. Even at the present rates it is impossible to get produce bought in Vancouver here by the regular line, and sales in part or whole have had to be cancelled in consequence. With this state of affairs there is the strange anomaly that I am advised that it is not possible to get sufficient freight at Vancouver to put on an extra steamer. Traders and charterers appear to be mutually waiting upon one another, and in the meantime Canadian trade is suffering the loss."

—Brantford, Ont., advices state that the Stove Company of that city have announced their intention to commence at once the construction of a magnificent new factory at a cost of \$100,000. The company has just concluded the purchase of the Canada Cycle & Motor Company's building in the northeastern part of the city, and will add to this a number of additional buildings, the whole to cost the sum already mentioned. The new factory will be modern in every detail, not only with regard to the sanitary conditions, but also with regard to the plant, which will be second to none in Canada. The work of construction will commence early in the spring, and will include, utilizing the present structures, the following buildings:— Warehouse and shipping department, 60 x 300 feet, four stories; mill room, 50 x 100 feet, one story; machine and mounting department 40 x 225, three stories; pattern

and polishing shop, 40 x 150 feet, one story; nickel plating and buffing department, 30 x 70 feet, one story; steel range and sheet department, 48 x 65 feet, three stories; japanning and finishing department, 25 x 50 feet, three stories; office, sample rooms and stores, 40 x 150, three stories; moulding shop, 160 x 275 feet, one story; pattern vault, 40 x 125, one story. In addition to these there will be a power house of three stories, besides a large cupola attached to the moulding shop. In order to accommodate this arrangement of buildings the company will require the street north of Elgin street, running east and west, to be closed. They have also acquired a considerable portion of the old Recreation Park.

—Announcement was made at Detroit recently of the organization of the Great Lakes Engineering Company, with a capital of \$1,500,000, and a \$500,000 bond issue. The company, according to a report from that city, proposes to at once begin the erection of a large shipyard for the construction of modern steel vessels, the site selected being just below the city on the Detroit River. The establishment will include an immense floating dry dock, large enough to handle the biggest vessels now afloat on the lakes. The dock to be built is that patented by Clark & Stanfield of Westminster, England, and Mr. Clark is now in this country for the purpose of completing arrangements. The establishment will be the result of the outgrowth or reorganization of the present Great Lakes Engineering Company, but

Telegrams, "SHIPMAN, SHEFFIELD."

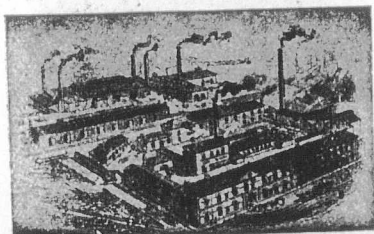
Honourable Mention International Exhibition, 1862

J. SHIPMAN & CO.

Attercliffe Steel Works and Wire Mills,

SHEFFIELD,

ENG.



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

TOOL STEEL, MINING STEEL, &C.

Special Prices to Canadian
under the New Tariff.

S. Markie & Son,

70, Well St., Hackney, LONDON, N.E., Eng.

Manufacturers of the Finest High Grade and Medium Class

Boots and Shoes,

equal to any made in America, for the Canadian Market, 33½ p.c. less, in favour of the Canadians.

Cuts will appear next week.

the corporate name will remain unchanged. The officers of the company are:—Antonio C. Pessano, President and General Manager; George H. Russell, Detroit, Vice-President, and John R. Russell, Secretary and Treasurer. The plant will occupy a tract of 85 acres on the river front, with a frontage of 1,400 feet. There will be four ship-building berths, six hundred feet in length, and the yard will be equipped to build simultaneously four of the largest vessels ever planned for the lakes. About fifteen hundred men will be given constant employment at the yards. The buildings will be constructed entirely of steel, not a stick of wood being used throughout. It is expected that the buildings and docks will be completed by spring.

—The Department of Agriculture, Ottawa, has sent a vigorous protest against the relaxation of the quarantine regulations in favor of United States ports while they are rigidly enforced against Canada. When the British Government placed an embargo on New England cattle on account of the existence of foot and mouth disease, provision was made that no vessels could call at a British port until 21 days had elapsed after touching a New England port. Steamers therefore leaving Boston and Portland could not call at Halifax or St. John en route for Liverpool. The other day a steamer from Baltimore called at a New England port and was permitted to land cattle at a British port, notwithstanding that the 21 days had not expired. The Dominion Government has called the attention of the British authorities to this discrimination in favor of the United States against Canada.

—A London cable announces that the Marconi Wireless Telegraph Company announces that it has concluded contracts for a daily service of etheric news telegrams to a British mail steamer sailing from Liverpool for New York at the end of the current month. The vessel will be equipped with a complete staff and plant, which will enable the publication of a daily newspaper on board during the

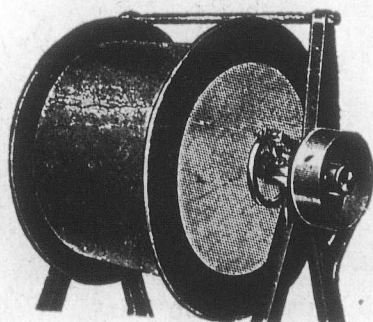
voyage. For the present the company withholds the name of the vessel.

—The past year at the Toronto Custom House has been a record one in customs collections. Customs receipts were almost a million dollars ahead of 1901 and every month of the calendar year shows an increase. August was the heaviest month, when \$664,100 was collected. The receipts for the year amount to \$6,468,844, compared with \$5,507,254 in 1901; an increase for this year of \$961,590. The receipts for December were \$549,109, against \$470,845 in December, 1901; an increase of \$78,264. Following are the comparative receipts by months:—

	1901.	1902.
January..	\$420,923	\$535,823
February..	489,243	561,025
March	505,705	566,220
April	437,873	544,990
May..	423,335	478,421
June..	378,845	469,831
July	446,656	545,180
August..	586,483	664,100
September..	478,060	569,311
October..	469,915	526,595
November..	399,371	458,239
December..	476,845	549,109
Total..	\$5,507,254	\$6,468,844

Toronto has had a prosperous year, judged by the records of building operations, cattle market receipts and births, marriages and deaths. The total value of building operations last year was \$3,568,883, and that included the million-dollar hotel. This year to date the values represented amount to \$3,854,923, and if the permit had been issued for the new university science building the total would be well over four millions. The building permits issued this month aggregate \$207,765, and in December last year \$1,194,825, including the King Edward Hotel.

The Patent Electro-Magnetic SEPARATORS.



For extracting Iron or Steel from Borings, Ash-Metals, Glass Seeds, Slag Tobacco, &c.

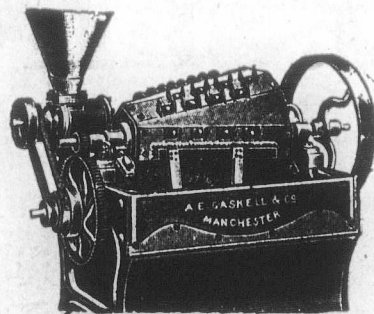
Powerful, Constant, Automatic, Economical, Safe, Self-Clearing.

PRICES ON APPLICATION TO

A. E. GASKELL & Co.,
6 Dickinson St., MANCHESTER, Eng.

Contractors to Admiralty.

Special Terms to Canadians under the New Canadian Tariff.



Works: ROCHDALE, Eng.

LIGHT, FLEXIBLE & DURABLE.

—A pr
Nfld., di
industry
rican fis
they can
Islands
barrels
\$250,000.

—The
down in
two sma
tions an
battlesh
of 1905,
in 1904.
During
one gun

H

20 &

(Cor

LON

Three m

LATEST DESIGNS.

LIGHT, FLEXIBLE & DURABLE.

W. T. Scannell & Co.



CHARLES STREET, LEICESTER
ENGLAND.

Wholesale Export Manufacturers of

Medium & Better Class
LADIES' BOOTS & SHOES.

GOODYEAR WELTED AND M.S.

HIGHEST WORKMANSHIP.

—A prolonged period of mild weather, says a St. John's, Nfld., dispatch, has seriously affected the frozen herring industry in Newfoundland waters, and a number of American fishing vessels will have to wait a long while before they can secure cargoes. The herring fishery at Bay of Islands was unusually good to the end of last year, 160,000 barrels of herring being taken. The catch is valued at \$250,000.

—The German naval Budget for 1903 provides for laying down immediately two battleships, one armored cruiser, two small cruisers, and five torpedo boats. These constructions are within the permanent naval programme. Two battleships now building will be completed in the summer of 1905, and three small cruisers will be finished early in 1904. These will have a steaming radius of 5,000 knots. During 1902, four battleships, one armored cruiser, and one gunboat were commissioned.

H. Fair & Co.,

Hat and Cap Manufacturers,
20 & 13, Charterhouse Buildings,
(Corner of Clerkenwell Road) and Foresters Hall Place,
LONDON, E.C., - England.

Three minutes walk from Aldersgate Street Station.

Special prices under the New Tariff.

—The Department of Public Works has decided to do away with poles and wires for that section of the Yukon telegraph line between Telegraph Creek and the Tagiste River, a distance of 400 miles. An insulated ground cable will be substituted. This is the section of the line where so many breaks have occurred and it is hoped to overcome the difficulty. The work of laying the cable section of the telegraph line will be commenced as soon as the ground is clear of snow in the spring.

James Allen & Son,

Established 60 years.

J. C. STEVENS,
Proprietor.

Inventors and
Manufacturers of the

Portable
Turkish
Hot-Air and
Vapour Baths,

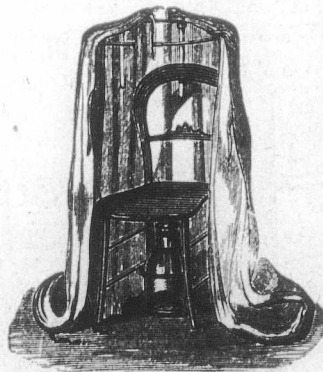
Bronchitis Kettles and
Sick Room Appliances.

21 & 23

MARYLEBONE LANE

Oxford Street,
LONDON, W., England.
(Close to Wigmore St.)

Special rates to Canadians
under the New Prefer-
ential Tariff.



Cuts will appear next week.

A. W. SIMPSON & CO.,

WHOLESALE

**Boot and Shoe
Manufacturers,**Millstone Lane
Leicester,
England.Special prices to the Canadian Trade, under
the New Tariff.

—Mr. B. Austin, manager in Montreal for the Eastern Townships Bank, left this week on a trip to the Bermudas for his health. During his absence of two or three months, probably—the management of the branch devolves on Mr. E. L. Stewart Patterson, recently promoted to the post of assistant manager here. The general manager, Mr. J. MacKinnon, is giving much personal attention to this important branch of the Bank.

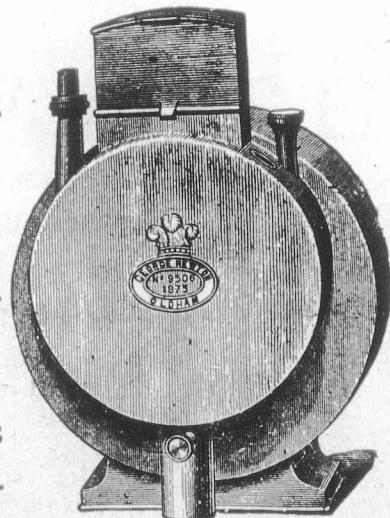
—A Montreal architect reports having completed arrangements with New York and Chicago capitalists for the construction of a six-story hotel on the west side of Victoria Square. It will cost \$1,500,000, exclusive of site and fixtures, will contain 480 rooms, be 325 feet by 260 feet, and will be completed within a year.

—We learn from Stratford, Ont., that the Standard Bank has arranged to open a branch there, and had taken a lease of premises suitable in the best part of the city.

They have reconsidered their decision, and have transferred their lease, etc., to the Traders' Bank, which will have a branch in running order shortly. This will be the fourth chartered bank in the city.

—Fire at Wapella, N.W.T., on the 5th instant, destroyed G. Mendell's store and its contents, R. A. Pease & Company's bank, J. S. Ludger's butcher shop, W. J. Winning's clothing establishment, J. Pritchard's drug store and Jubilee Hall. The Mundell Hotel was also gutted. Loss about \$15,000.

—Bogus bank bills on the Molsons Bank continue to circulate in Hamilton. The police are perplexed. They say that nearly \$500 of bogus money has been passed in the city within a few weeks. The number of the counterfeit bill is 214,258.

GEORGE NEWTON, LTD.GAS METER—
MANUFACTURERS.—
OLDHAM,
ENGLAND.
—Special quotations
under the new Cana-
• dian Preferential Tariff,G
T

Th

Manufa

Suit
of same—The v
lishment
town of P
and 18 ag
the by-lav
were open—A desp
campaign
by the M
Legislatu
league."—Mr. W
Canadian
to Quebe
already u—Mr. D
ager of t
tour of in
provement
will be be—Pulpm
deficit of
lowing, an
trs are r

K

Stro

DOES A
STIOK

Kit

146a,

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

The Lancashire Felt Co., Ltd.,

DENTON, near MANCHESTER, ENG.

Manufacturers of **WOOL AND FUR BODIES.**

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

—The vote on the by-law to raise \$10,000 for the establishment of the Standard Ideal Sanitary Co.'s works in the town of Port Hope, Ont., was carried by a vote of 445 for and 18 against. A majority of 385 was required to carry the by-law. Tenders for the erection of the buildings were opened.

—A despatch from Minneapolis, Minn., says:—"An active campaign for reciprocity with Canada has been begun by the North-Western Reciprocity League. The State Legislatures will be invaded to push the views of the league."

—Mr. William Mackenzie announced at Winnipeg that the Canadian Northern would be extended from Port Arthur to Quebec, and the James Bay line from Toronto was already under way.

—Mr. D. McNicol, second vice-president and general manager of the Canadian Pacific, left recently on a Western tour of inspection. He will arrange for the important improvements to the line which are contemplated and which will be begun so soon as weather permits.

—Pulpman.—They are reported as having had to face a deficit of \$20,000 two years ago, about \$10,000 the year following, and a surplus of \$800 last year. So you see matters are rapidly improving.

—Complaints are heard of want of snow in Ontario, the recent heavy rains having fallen almost generally. Montreal sidewalks were never more icy—and treacherous to pedestrians.

—At a recent meeting of the directors of the Bank of Toronto, Mr. C. S. Hyman, M.P., London, was elected to the vacancy on the board caused by the death of the late George J. Cook, Toronto.

—The corner-stone of the new station which the Grand Trunk Railroad is building at Portland, Me., was officially laid by Agent R. W. Scott.

FINANCIAL.

Montreal, Thursday Evening, 8th Jan., 1903.

The shareholders of the Bank of Montreal, at a meeting on the 7th inst., formally sanctioned the proposal of the Directors to increase the capital to the extent of \$2,000,000, to change the date of the annual meeting from June to December, and to subdivide the existing shares of the capital stock and the shares of any increase of capital into shares of the par value of \$100. The new stock will be issued pro rata to the shareholders at 70 per cent premium, which will realize \$1,400,000 to be added to the Reserve Fund, which will be enlarged to \$9,400,000, and the capital stock \$14,000,000. It is almost certain that there will be a large appropriation from the year's profits to be declared

KITLENE

THE

Strongest Leather or Furniture Cement

IN THE WORLD.

DOES AWAY WITH STITCHING AND LACING.
STICKS GREASY LEATHER COMPLETELY.

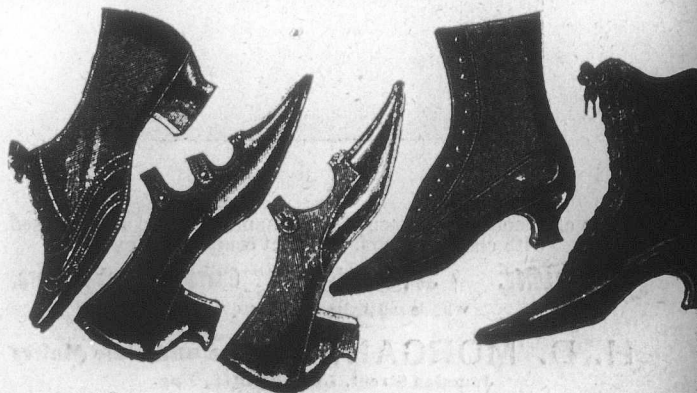
Special prices under the New Tariff.

Kitlene Syndicate, Limited.

146a, Queen Victoria Street,
London, E.C., England.

A. BERNSTEIN, 12, Moor Lane, Fore St.
LONDON E.C., Eng.

Manufacturer of the cheapest SHOES and SLIPPERS,
all hand sown, in England, for the Canadians, under the New
Tariff.



Britten & Bannister,

385 HACKNEY ROAD,

LONDON, - - - England.

SOLE MANUFACTURERS AND PATENTEES OF THE

BRIT-BAN

Ventilated Boots & Shoes.

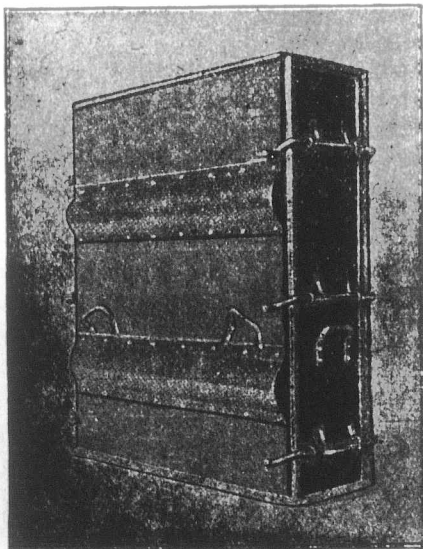
Cuts will be inserted as soon as received.

in June next, which will make the Rest ten millions, or more. Objection was taken to the premium being so large, but any shareholder who dislikes paying so much will find no difficulty in disposing of his new stock in advance at a profit. The Harbour Board reports the revenue for 1902 as \$309,745, which is, \$60,257 more than in 1901. British exports in 1902 were \$1,417,700,000, an increase of \$17,500,000 over 1901. The imports were \$2,344,300,000, an excess of \$34,900,000 over the previous year. Great Britain,

therefore, had a good year in 1902. The increased imports prove that the old land was receiving heavily on account of foreign debts, for, the course of exchange throughout the year has shown such conditions. One of the remarkable financial features of the past few months has been the drain of the United States to meet their obligations in England, a large amount of which are reported to have been renewed awaiting larger exports of wheat and other products from the States to the Old Land, payment for the bulk of which has been anticipated. The Customs duties paid in New York last year were \$187,481,484, which exceeds 1901 by 21 millions. The Morgan syndicate pool of \$50,000,000 organized to keep the market steady and to assure that all legitimate calls for money would be satisfied, has not been an entire success. Money on call in New York has been up to 15 per cent., the range averaging about 10 per cent., or more than double the rates in London, England. The coal famine has caused over 50 vessels to be chartered to bring coal from England to the United

SOAP FRAMES

PATENTS—No. 5107/98; No. 10862/99.



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

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

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

Soap Trade Supplied under the new Tariff

B. A. READ,

58, Well Street Hackney, LONDON, N.E.,
England.

High Class Infants' Boots and Shoes,

Made for the Canadian Market, under the New Preferential Tariff, equal to those made in U.S., 33½ p.c.; cheaper than any other Country. ESTABLISHED 1879.

Cuts will be inserted next week.

H. B. C. O.
"Hal
a
27, Ch
Mak



108" Iron

States, o
tract for
reports a
scribed in
which is
such a d
which ha
P. R. ran
points. D
to 111; T
The lowe
soils, 93 7
20m 44¾
bills, 3¼
5 to 6 pe
mand, 9%
cent. T
bank, w
their mo
of Hami

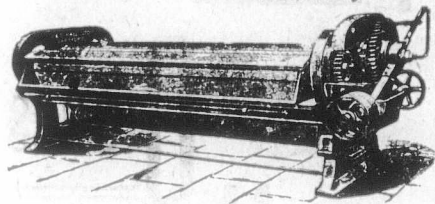
The fol
ending J
Brokers.

Bank
Montreal
Molsons.

Thom
TRA

32 M
33½

H. B. C. Code. Telegrams: Birt 27 Chancery Lane, London E.C. 4.
"Halls' Patent Continuous Ironer"
and Laundry Machinery Co.
 27, Chancery Lane, - LONDON, England
 Makers of High Class and up-to-date British Laundry Machinery.



108" IRONING MACHINE.

HALLS'
Celebrated
 Patent Continuous
 and Decondun
IRONERS.

300 Machines sold.

Geary, Smith & Co.,
 Willow Street, - Leicester, Eng

MANUFACTURERS OF

Girls' and Boys' School
SHOES and BOOTS

ALSO

Women's Shoes for the Canadian Market.

88 1/2 p.c. under the New Tariff.

States, of which 500,000 tons are reported to be under contract for delivery on this side. The U. S. Steel Corporation reports a surplus of \$33,841,565 for 1902. The capital subscribed in Great Britain last year amounted to \$769,000,000, which is an amazing display of financial resources after such a drain for war expenses. The local stock market, which has been getting lively, had a check yesterday. C. P. R. ran from 137 1/2 to 135 3/4, with large sales between these points. Dom. Steel is ranging from 61 3/4 to 60 3/4. N.S. Steel 109 to 111; Twin City 119 3/4 to 120 3/4; Dom. Coal 131 1/2 to 131 3/4. The lowering of call loan rates is anxiously awaited. Consols, 93 7-16. Paris, exchange on London, 25f 14c; Berlin, 20m 44 3/4 p. Money in London, 2 1/2 to 2 3/4, and 3 months' bills, 3 3/4 to 3 1/2. New York rates are down again to from 5 to 6 per cent. Local foreign exchange, 60's, 8 13-16, demand, 9 5/8. Call and short loan money remains at 6 to 7 per cent. The latest news respecting the Oakville private bank, which failed, is, that the depositors will lose all their money, as the assets are all mortgaged to the Bank of Hamilton.

The following is a comparative table of stocks for week ending Jan. 8, supplied by Chas. Meredith & Co., Stock Brokers, Montreal.

Banks.	Shares.			Average same date 1902.
	Sold.	High'st.	Low'st.	
Montreal..	18	273	270	258
Molsons..	153	216	215	209

Merchants..	1	162	162	145
Commerce ..	125	162 1/2	162 1/4	...
Hochelaga ..	106	135	135	...
Union..	60	130	128	...

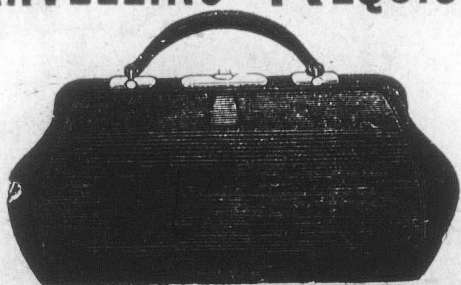
Miscellaneous.

Canadian Pacific Railway Co ..	14443	137 1/2	132 1/2	115
Duluth S. S. & A., pfd..	50	28 3/2	28 1/2	18
Montreal Street Railway..	274	275	173 1/2	268 1/4
Montreal Power Co..	1016	88 1/2	86 1/2	96
Toronto Street Railway..	186	118	116 1/4	114 3/4
Toronto Ry., new..	1	118 1/2	118 1/2	...
Halifax Street Railway..	129	106	105	102 1/4
Toledo Railway..	1703	36	34 3/4	...
Twin City Transit..	1510	120 3/4	117 1/2	109 1/2
Richelieu & Ont. Nav. Co..	360	100	97	110
Commercial Cable..	227	171	168 1/2	158
Montreal Telegraph..	33	168	168	171 1/2
Montreal Cotton..	10	125	125	112
Dominion Cotton ..	425	54	53	45
War Eagle..	1000	18	18	...
Payne ..	1000	11	11	24
Dom. Coal, common..	810	132	131 1/2	55 1/2
Ogilvie pfd..	128	135	134	...
West India..	30	51	50	...
Detroit United Elec. Ry..	4362	95 1/2	88 1/4	...
Dominion Iron & Steel, com..	4085	62	60 1/4	27
Ditto. pfd..	370	97	95 1/4	82
Nova Scotia..	1304	111 1/4	106	...

Bonds.

Nova Scotia..	4000	110	109 3/4	...
Laurentide Pulp..	2000	105	104 1/2	103
Dom. Iron & Steel..	25000	89 1/2	89	81 1/2

Thomas French & Son, Ltd.,
 MANUFACTURERS OF EVERY DESCRIPTION OF
TRAVELLING REQUISITE.



32 Moor Lane, LONDON, E.C., Eng
 88 1/2 p.c. cheaper to Canadians under the New Tariff.

El Padre Needles

10 CENTS.

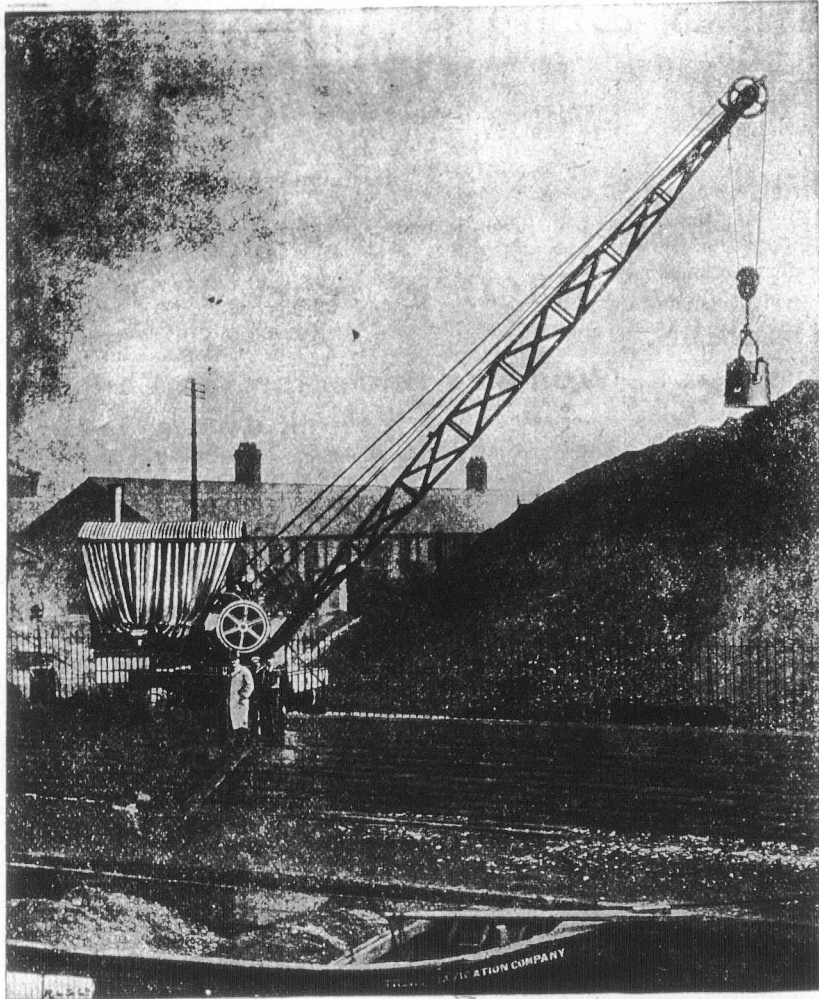
• VARSITY,

5 CENTS.

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

Made and Guaranteed by

S. Davis & Sons,
 MONTREAL, Que.



40 TONS FLOATING STEAM CRANE. AT LIBAU, RUSSIA.

Floating Cranes

FOR
HARBOUR CONSTRUCTION.

Jessop & Appleby Bros.,

Leicester & London, Ltd.,
London Steam Crane & Engine
Works, Leicester, England,

22 Walbrook, E.C.,
LONDON, ENGLAND.

Plant for Dock & Harbour Works
a speciality.

MONTREAL WHOLESALE PRICES.

Thursday Evening, Jan. 8, 1903.

Crisp, cold weather with just enough snow for good sleighing have urged buying to the full extent; and it can be noticed even by the advertisements of the more prominent retailers that the holiday trade proved fully up to best expectations, and, consequently, forcing seasonable goods at cut prices need not be resorted to, for the expected proportion have been moved out and the money turned into other channels. Such business conditions augur well for the entire year's trade, for an encouraging start greatly assists. In groceries there is complaint about non-arrival of "Coast" dried fruits. Hardware shows a decline in price on some articles. Leather is quiet. Dairy produce holds well to the high prices ruling for some time. Flour and feed are rather quiet. Oils show some changes in values. Wool keeps firm. Dry goods paper was very well met on the 4th, and as the volume carried over to March 4th is considerably smaller than usual, indications are very hopeful. The Oakville, Ont., private bank crash appears to be the one unpleasant feature of the commercial field.

—At the annual meeting of the Montreal Telegraph Company on the 8th instant the report submitted was generally approved of. Mr. H. A. Allan was re-elected president. The old board of directors was also re-elected.

BUTTER.—The market is reported very dull, with a decidedly easier feeling noticeable. Holders seem disposed to sell and are meeting buyers freely at a decline of ½ to 1c lb. on creamery, more especially when quality is in the

least at fault. Finest Oct. goods may be had to-day at 21½ to 22c, and earlier makes at from 19½ to 20½c. Stocks are unusually large for this season and altogether the outlook is not favorable. Fine dairy is not over plenti-

HOLDFAST RIVETS

.....FOR.....

Saddles, Mudguards, Tool Bags, Etc.

↑
Dia.
Head, 3-16
Shank, 3-32
2-16 to 5-16

↑
Dia.
Head, 5-32
Shank, 5-32
3-16 to 7-16

↑
Dia.
Head, 9-32
Shank, 9-64
3¼-16 to 7-16

Made in Steel—Japanned, Nickered, Tinned, Coppered, and in any size Head and Shank.

LACE STUDS.

LACE HOOKS.



No. 1 Hook.



No. 2 Hook.



The Holdfast Rivet Co., Ltd.,

Alliance Steam Mills,

Chapel Road, Stamford Hill, LONDON, N., England.

A good Agent wanted in Canada, splendid opening for a good firm or Agent.

T.

For Inval

Easily Dig
Soup
done



ful and s
17½c. A
except w
ing used
are combin
been see
week and

CHEESE
higher pr
for export
opinion
market is
ers asking

DRESSES
quieter, v
are small
show no c
9 to 10c l
7 to 9c l
son 6 to

C

Manufac

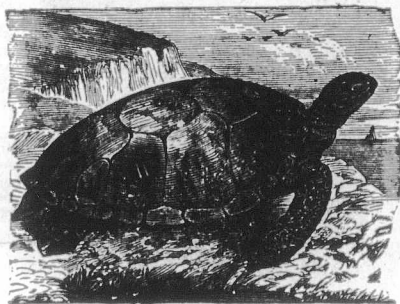
Equal to
Tariff, F

T. K. BELLIS'S, Real Turtle Soup & Turtle Jelly,

By Royal Appointment
to the late Queen Victoria.

For Invalids, Travellers, Dinner, Supper Parties and Luncheons, will often save a valuable life.

Easily Digested, Sustaining, Nourishing and the best food for Invalids, in fact unless Turtle Soup or Turtle Jelly have been administered, it cannot be said that the utmost has been done for the sufferer.



These preparations are guaranteed to be the product of the finest Imported Live Turtle, and vastly superior to any forms of Meat Extract.

The Soup is put up in pint tins, price, 5/- (exactly half the price usually charged) and in Glass Flacons, 7/- The Turtle Jelly is sold in 2/6 glass bottles, ready for use. Full instructions for use on each package. From Chemists, Grocers and Stores; or orders and remittances can be addressed.

The T. K. BELLIS TURTLE CO., Limited,
15 Bury Street, ST. MARY AXE,
LONDON, E.C., Eng.



Canadian Buyers are reminded, they have 33 1/3 p.c., in their favor, under the New Tariff.

ful and still commands steady prices with sales at 17 to 17 1/2c. Anything stale is neglected and not saleable except when offered at a price which admits of its being used for confectionery purposes, at 15 to 16 1/2c. Rolls are coming in more freely and the top of the market has been seen, buyers refusing to pay ruling prices of last week and to-day we note sales at 17 1/2 to 18c.

CHEESE.—There is still a strong feeling existing and higher prices are talked of. We hear of no recent sales for export, this being accounted for by the difference of opinion between buyers and sellers as to values. The market is quoted at 12c to 12 1/2c for finest with some holders asking 1/4c more.

DRESSED POULTRY AND GAME.—The market is ruling much quieter, with the demand running light; but as receipts are small there is no accumulation of stock and prices show no change. Turkeys are worth 14 to 14 1/2c lb.; geese, 9 to 10c lb.; ducks 12 to 12 1/2c lb.; chickens 12c lb.; fowls 7 to 9c lb.—Partridges, 90c pr.; hares, 20 to 25c pr.; venison 6 to 8c lb.; do. saddles, 9 to 10c lb.

Eggs.—Arrivals and offerings are much larger and the market shows a very unsettled tendency, with a decline of 1c doz., and demand light. Buyers are holding off, the trade complain of the slow market and a break in prices is looked for. New laid are coming in sparingly and sell at 25c doz. Held selected are in large supply and quoted at 21 to 22c. Fall held straight stock offers at 18 to 19c, with held spring and summer stock 16 to 16 1/2c; limed, 16 to 17c.

FLOUR AND FEED.—Prices hold very steady. Demand is fair in a local way, and indications point to considerable export business in the near future. Quotations on another page. Winnipeg closing prices of No. 1 hard Manitoba wheat 70c, and No. 1 northern at 68c in store, January. Baled hay is steady under a good demand for local consumption. We quote: No. 1 \$9 to \$10; No. 2 \$8 to \$8.75; clover, \$6.50 to \$7 per ton, in car lots.

FISH.—Following the festive season fish are again coming "up stream." With plentiful supplies of most kinds prices are inclined to be easy. Quotations: Salt Fish—Loch Fyne herrings, \$1.15 per keg; new Labrador herrings, barrels, \$5.25; do., half-barrels, \$2.90; green cod, No. 1, \$5.75; do.

C. & E. LEWIS, NORTHAMPTON, ENGLAND.

Manufacturers of the Finest High Grade

MEN'S BOOTS and SHOES,

Equal to any made in America, for the Canadian Market, 33 1/3 p.c., cheaper, under the New Preferential Tariff, F.O.B., London or Liverpool. Send for our New List.

(Cuts will be inserted as soon as received.)

TASKER, SONS & CO.

Manufacturers of Main Driving Bands In Leather India-Rubber, Hair and Cotton.

Government
Contractors.



THIS IS AN
ILLUSTRATION
OF BELTING
SUPPLIED
BY US TO A
CONTINENTAL
GOVERNMENT.

SHEFFIELD,
32 ANGEL STREET,
England.

Leather Merchants and Mill Strap Manufacturers.

No. 2, \$4.75; large, \$6.50. Fresh fish.—Cod in cases $3\frac{1}{4}$ lb.; less quantities, $3\frac{3}{4}$ c; haddock, cases, $3\frac{1}{4}$ c; , less quantities, $3\frac{3}{4}$ c; steak cod, heads off, $4\frac{1}{2}$ c lb.; fresh frozen pike, 5c lb.; less than cases, $5\frac{1}{2}$ c lb.; fresh pickerel or dory, case $5\frac{1}{2}$ c, less, 6c; white fish 7c to $7\frac{1}{2}$ c; lake trout, $7\frac{1}{2}$ c to 8c; halibut, frozen, B.C., 9 to 10c; salmon, do., 9 to 10c; Qualla salmon, cases, 7c, less, 8c; smelts, 15 to 25 lb. case, 7c lb.; mackerel, fresh frozen, 15c each; fresh frozen herring \$1.40 per 100 count. Frozen tom cods \$1.75 per barrel. Salt eels, $6\frac{1}{2}$ c per pound; kipperines (case of doz. cartons), \$3.50 per case. Standard bulk oysters \$1.40 per gallon; medium do., \$1.50, and selects, \$1.60 per gallon. Smoked Fish.—Herrings, 10c per box; finnan haddies, new stock, 6c per lb.; Yarmouth bloaters, \$1.10 box; St. John bloaters, 90c per box. Kippered herring, 90 per half-box. Pre-

pared fish—Boneless cod, in bricks, 6c lb.; boneless fish, in bricks, 5c; dry cod in cwt., \$5.00 per cwt.; skinless cod in cases, \$5.00 per case.

GROCERIES.—The action of the U. S. sugar refiners in withdrawing the $\frac{1}{4}$ c rebate from jobbers, might appear as though there is a decline of $\frac{1}{4}$ c, but it merely leaves the jobbers free to sell as they like from net invoices. Prices here unchanged. The difficulty regarding the arrivals of California dried fruits is not being relieved. Goods two months on the road have not yet arrived, and such excuses as smash-ups, etc., are being given among others; but the facts are that the goods have been badly wanted here all season, and cannot be secured except in a straggling way. The trade, as a result, have lost a large share of the

WILKINS & DENTON, Boot Manufacturers & Curriers,

Contractors to all departments of H.M. Government.

London, Manchester, Rushden & Irchester (Northants)

Makers of the celebrated Registered Brands :

THE "POSTMAN'S BOOT."
THE "W V D RAILWAY BOOT."
THE "BRITISH-AMERICAN" AND
"LIGHTSTRUNG" PATENT WELTED
BOOT.

EXPORTERS to all Markets; goods carefully dried and packed.

English, Colonial, American and Continental shapes and styles.

SPECIALITIES:

Men's and Boys' Boots and Shoes, Black or Brown, of all descriptions and prices.

Army Bluchers, Veldtschoens, Miners', Firemen's, Cycling, Field, Riding, Sea, Sewer and Football Boots and Shoes and Leggings.

Immediate quotations given for any kind of boots or shoes. Enquiries solicited.

All communications to Chief Office: 42, Basinghall St., London, E.C., Eng.

Telegraphic Address: BOOTMAKING, LONDON.

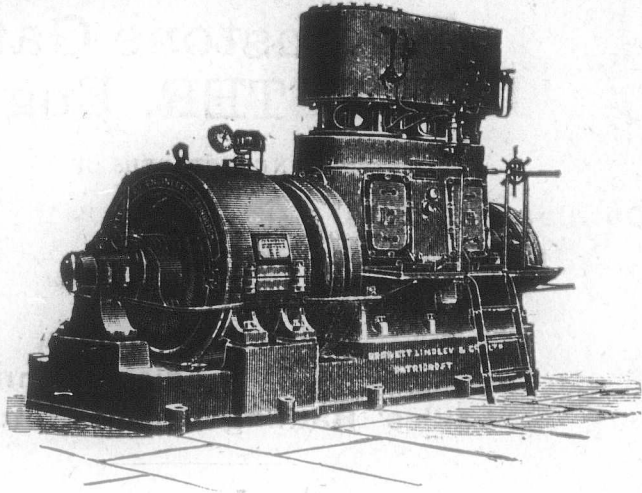
Cuts will be inserted as soon as received.

BROWETT LINDLEY & CO. LTD.

Patricroft, Manchester England.

Manufacturers of High-Speed,
Enclosed Type,**STEAM ENGINES,**

For Driving Dynamos Direct.

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

California dried fruit trade for the season. California seeded raisins cannot be obtained any more, quotations having been withdrawn as the goods could not be seeded and packed fast enough to supply demand. The molasses market is firmer. Late reports from Barbadoes speak of a prospective shrinkage of 50 per cent. in the crop. No heavy stocks are held here, and higher prices are likely to rule. Present quotations show advances of 2 to 3c per gallon. Teas are quiet.

GREEN HIDES.—Owing to competition prices have advanced $\frac{1}{2}$ c lb. Beef hides are now quoted at 8, 7, and 6c for Nos. 1, 2 and 3, and calfskins 10 and 8c lb. Lambskins are also higher at 75c each.

GREEN FRUITS, ETC.—Oranges are considerably lower. Lemons have also taken a drop from the comparatively high prices ruling. Cranberries are much higher. California dried fruits are still very slow in arriving, and this has seriously interfered with the season's trade. Quotations are:—Oranges, Valencias, 420 size, ord., \$3.75; 714 size, large cases, \$4.50; California navels in boxes, sizes to box, 96, 112, 126, 150, 176, 200 and 216, \$3.75; Jamaica oranges in boxes, 150, 176 and 200 size, \$2.75; lemons, extra fancy

new Messina lemons, \$3.25; fancy do., \$3; choice do., \$2.75; grape fruit, choice Jamaica stock, 64 size, \$4.50; 80 size, \$4.25; 96 size, \$3.75; Almería grapes, fancy long keeping heavy weights, \$7.00 choice ditto., \$6.50; good medium weights, \$5.50; cranberries, dark Cape Cod, per bbl., \$13.50; extra fancy Nova Scotia, per bbl., \$10; fancy N. S., per bbl., \$9; 16 lb. boxes do., \$1.50; apples, choice Fameuse per bbl., \$4.50; finest Spies, \$4.50; finest Baldwins, Russets, etc., \$3.50; sweet potatoes, double head Jersey, per bbl., \$5.00; baskets do., about 50 lbs., \$2.50; pineapples (25 to case), \$5; California cauliflowers, per crate (about $2\frac{1}{2}$ doz.), \$3.25; figs, 5 crown, 18 lbs. to box, $13\frac{1}{2}$ c lb.; 4 crown, 10 lbs. to box, $12\frac{1}{2}$ c lb.; 2 crown, 1 lb. boxes, 13c; bananas, Jamaica fruits, \$2.00; tangerines, $\frac{1}{2}$ boxes, \$3.25; tomatoes, six basket crates, \$5.50; dates, new golden, $4\frac{1}{4}$ c per lb.; one pound packages, $6\frac{1}{2}$ c; evaporated fruits, apples, 50 lb. boxes, 7c; California apricots, 25 lb. boxes, 12c; California pears, 25 lb. boxes, 13c; California peaches, 25 lb. boxes, $9\frac{1}{2}$ c; do. prunes, 40-50, 9c; do., 50-60, 8c; nuts, new Grenoble walnuts, 13c; Taragona almonds, 13c; Sicily filberts, 9c; Jumbo pecans, 17c; large pecans, 16c; peanuts "Bon Ton" roasted, 11c; Sun, 10c; "G" 9c; Coon, $7\frac{1}{2}$ c; shelled almonds, 28 lbs. to box, 28c; cocoanuts, new (100 to bag, \$3.50.

HART & LEVY, Ltd.Wholesale
and
Export**Clothing
Manufacturers,**OF HIGH CLASS CLOTHING ONLY,
FOR MEN AND YOUTHS.Special prices to Canadians under the New Preferential Tariff,
 $33\frac{1}{3}$ p.c., in favour of Canadians.**Leicester, England.**SHEFFIELD
32 ANGEL STREET,
England

England

fish, in
cod inrs in
bear as
ves the
Prices
vals of
ds two
excuses
but the
here al
g way.
of the

rs,

nts)

Foot-

ing.

Telegrams: "HANDEL," Leicester.

HALL & EARL,

Braunstone Gate,
LEICESTER, England.

MANUFACTURERS OF

Cardigan Jackets,
Ladies' Dress Skirts,
Ladies' Under Skirts,
Ladies' Bloomers,
Ladies' Gymnasium Dresses,
Ladies' Bathing Dresses, etc., etc.

Special terms for Canadians, under the New Preferential Tariff.

LADIES' SKIRT KNICKERS.



HARDWARE AND METALS.—Travellers are again on the road and a good trade is anticipated. In values coil chain is lower on the basis of \$3.55 for $\frac{7}{8}$ and 1 inch. Base price on Norway bar iron has been lowered to \$4. Canada plates, full polish, are also lower at \$3.75. Sisal rope and lath yarn have slightly declined as per quotations on another page.

LEATHER AND SHOES.—As leather is one of the last to "get on its feet" after the holidays there is little to report. Indications point to a heavy spring shoe trade, aided by the nearer approach to cash dealings, which general prosperity is bringing around.

OILS, PAINTS, ETC.—Quotations on linseed oils changed too late for alteration in prices current. Raw is now quoted at 61c to 64c, and boiled at 64c to 66c. Turpentine is unchanged. S. R. pale seal oil is firm at 40c; straw seal, 45 to 50c. Cod liver oil, Nfld., Norwegian process, is still higher at \$1.60 to \$1.80; castor oil is easier at 8 to 9c lb.; and barrels at 7 to 8c. Lard oil, is higher at 75c to 85c, and extra at 90c to \$1. Paints are unchanged.

PROVISIONS.—The market for dressed hogs is but lightly supplied and prices are showing a decided improvement. Fresh receipts are quoted at 8 to 8 $\frac{1}{4}$ c lb. Stocks offering are small and the outlook is for a further advance. We quote: Heavy Canadian short cut mess pork, \$24.50 to \$25; Canada short cut back pork, \$23.50 to \$24; light Canada short cut clear pork, \$23.50 to \$24; finest kettle lard, 20-lb. pails, 12 $\frac{1}{4}$ c; extra pure lard, in 20-lb. pails, 10 $\frac{3}{4}$ c; choice refined compound lard, 8 $\frac{1}{2}$ to 9c; Boar's Head brand, in 20-lb. wood pails, \$1.95 to \$2.05; Globe at \$1.75 to \$1.85; 20-lb. tin pails, $\frac{1}{4}$ c less per lb.; hams, 12 to 14c; and bacon, 14 to 15c lb. The total amount of lard reported at all points in Europe and America on Jan. 1, was 111,652 tes., against 85,725 tes., on Dec. 1, 1902, and 194,644 tes. on Jan. 1, 1902.—Chicago, Jan. 7.—Provisions closed 2 $\frac{1}{2}$ c to 5c to 10c higher. Future quotations closed:—Pork, January, \$17.45; May, \$16.12 $\frac{1}{2}$. Lard, January, \$9.82 $\frac{1}{2}$; May, \$9.45 to \$9.47 $\frac{1}{2}$; July, \$9.32 $\frac{1}{2}$. Ribs, January, \$8.57 $\frac{1}{2}$; May, \$8.75; July, \$8.75. Cash quotations closed:—Mess pork, \$17.70; lard, \$9.82 $\frac{1}{2}$; short ribs, \$8.55 to \$8.72 $\frac{1}{2}$; shoulders, 8.25 to \$8.50; clear sides, \$9 to \$8.12 $\frac{1}{2}$.

W. & J. Pegg,

HOSIERY

Manufacturers,

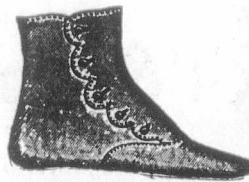
St. Nicholas Square,

Leicester,

England.

Plain and Ribbed Seamless Hose and Half Hose, Children's Socks and $\frac{3}{4}$ Hose, and Boys' Knicker Ribbed Hose.

Cuts will appear next week.



Watson, Williams & Co.,

Wholesale and Export

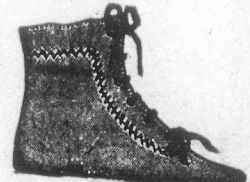
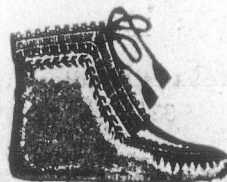
Boot & Shoe Manufacturers.

Nursery for Children. The largest firm in London.

6, Mentmore Terrace, London Fields,

London, N. E., England.

Specially made for the Canadian Market. Employ over 175 persons in this line alone. 33 $\frac{1}{3}$ p.c. cheaper than any other Country.



Please w
for

Boots

23

—The
be establ
will be c
be all Can
requiring

—“Unle
the rema
Office in
of sons a
hood had
vests of t
try. The
is left on
the hired
bad if the
and costs
tion Offic
a deman
though a
are appli
coming i
round. A
for good

FACTORY
Leic
WAREHO
Lon
Card

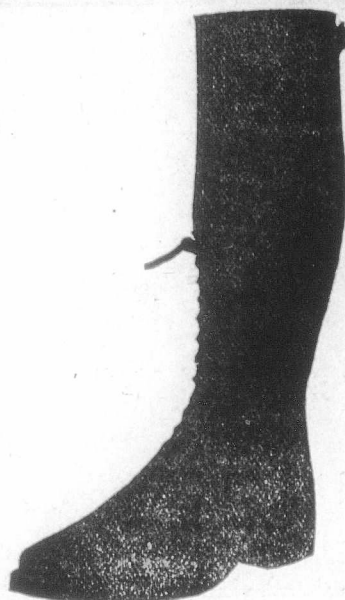
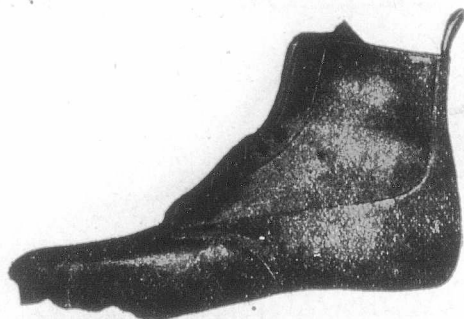
Over
throughou

Please write for **POCOCK BROTHERS'** Price List.

Boots and Shoes. Uppers and Grindery. Leather.

235 Southwark Bridge Road,

LONDON, S.E., Eng.



Special rates to Canadians under the New Tariff.

—The president of the new locomotive shops to be established at Longue Pointe, Que., reports that work will be commenced early in the spring. The capital will be all Canadian, and the output will be 100 engines a year, requiring 600 skilled mechanics.

—“Unless I can hire help I must abandon my farm” was the remark made by an agriculturist at the Immigration Office in Toronto some days ago. He had raised his quota of sons and daughters, but the former on reaching manhood had been attracted by the cheap lands and big harvests of the West, and had gone to grow up with the country. The result is that their father and many another is left on the old homestead, compelled to depend upon the hired man to do the farm work. This would not be so bad if the hired man were obtainable, but it is hard to get, and costs a good deal, too. The officials at the Immigration Office say that they have never before had so lively a demand for men at this time of the year as now. Although a number of immigrants have been placed, there are applications for 65 more now on file, and many more coming in, while the influx of men does not suffice to go round. All the way from \$180 to \$250 per year is offered for good men.

—Hon. A. G. Blair has given an order for box and freight cars, aggregating \$400,000 in amount, to be divided between Messrs. Rhodes, Currie & Co., of Amherst, N.S., and the Rathbun Co. of Deseronto. Nearly 500 of these cars, adds an Ottawa letter, are required for the Intercolonial, and they must be completed early in the spring. The Minister of Railways will consult his colleagues with respect to the purchase of additional Pullmans and dining cars for the Government line. So heavy was the tourist traffic last year that the line could have put into use many more of these classes of cars than it possesses. The earning power of the Intercolonial has greatly increased since Mr. Blair commenced to improve and equip it on a modern basis. Taking the period from July, 1898, to November, 1902, each successive month has shown an increase over the corresponding period of the previous year ranging from \$40,000 to \$70,000. Taking the section of railway from Halifax, N.S., to Moncton, N.B., over which both the C.P.R. and the Intercolonial run, there was a time when 85 per cent. of the business originating between these points went to the C. P. R. via St. John, and only 15 per cent. to the Intercolonial. Now the condition of things is reversed, and the people's line gets the lion's share.

FACTORIES:
Leicester, Desborough.
WAREHOUSES:
London, Leicester, Manchester,
Cardiff.

Established, 42 Years.

Patentees of the celebrated brands.
The “PIONEER”
The “STONEWALL”
The “SNOWDROP”
The “HACKETT.”

W. & E. Turner, Limited,

Wholesale and Export
Boot & Shoe Manufacturers,

HEAD OFFICE:

CHURCHGATE, Leicester, England.

Over 130 Branches
throughout the United Kingdom.

Agents and Travellers in
South Africa, Australia, New Zealand, India, &c

(Cuts will be inserted when received.)

ORSON, WRIGHT & SONS,

62 and 63 Basinghall St., LONDON, E.C.,
and South Wigston, LEICESTER, England.



Makers of
Fine and Medium



... LADIES' FOOTWEAR ...

Unequaled for Comfort, Style and Durability,
under the New Canadian Preferential Tariff.

DEPLETION OF EUROPEAN FISH SUPPLY.

Parliament has talked, commissions have sat, and the nation has conferred on the all-important subject of the capture of immature fish; even the exclusive atmosphere of the House of Commons has been invaded by small plaice brought there to convince sceptical legislators of the dangers involved in the constant netting of under-sized fish and of the necessity of doing something to conserve, and so, if possible, improve what has been so well called the "harvest of the sea." The outcome of all the discussions and deliberations, says a London paper, is a united effort on the part of the powers whose territories border on the North Sea to secure evidence scientifically tabulated and collected on a prearranged system which may tell us more of the habits of the dwellers in deep waters, and throw light on the important points of growth and migration of the food fishes, and so indicate means whereby international action may stop the feared depletion of supply, and help toward a yearly crop from the ocean which shall be safe and certain for all time.

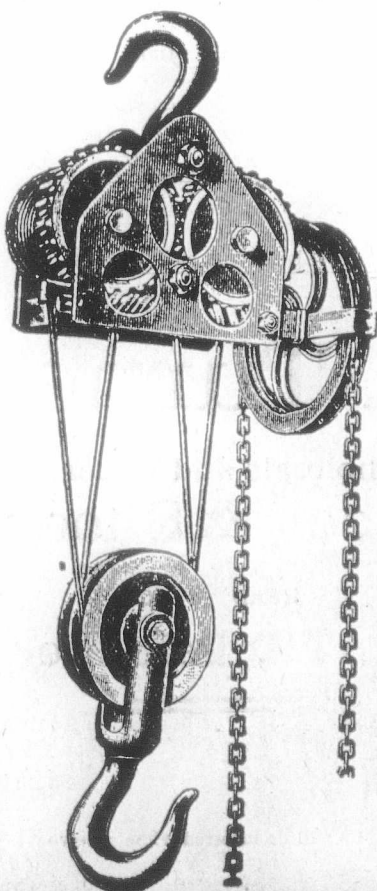
The foregoing is the outcome of the conference at Chistiana last year which took a more practical view of the problem than was indicated at the international gathering at Stockholm in 1899 and the trim-bull trawler which has just steamed away from the mouth of the Thames represents one-half, of this country's contribution to the work of research on the sea. The Government has commissioned the Scottish Fishery Board and the Marine Biological Association to undertake the task jointly, the former dealing with the northern and the latter with the southern portion of the British area, a grant of £42,000 being equally divided between them.

A generous member of the council of the Biological Association purchased a trawler and placed it at the disposal

of those commissioned to undertake the task, and this vessel, converted below decks out of all recognition, and appropriately named the Huxley, has just gone on its first practical cruise to the fishing grounds of the North Sea. The old fishroom of the trawler is now a saloon accommodating three or four naturalists (chief of whom is Mr. W. Garstang), and a coal bunker is now a small fish hold necessary for the new work to be undertaken on board. A deckhouse, with a good light, has been built for the purposes of a laboratory. It contains a glass table for measuring the live fish, the measure showing underneath, and so

being safe from the salt water, inseparable from such an operation. Here it will be possible to measure five or six hundred fish a day, make entries of their dimensions in books kept for the purpose, label the fish and then return them to the sea to await re-events. In the storeroom below there are all the requisites for the scientific investigation, with artfully arranged cupboards of preserving jars.

It was Prof. Hemicke, of Heligoland, who first sought to systematize measurement. He found that by taking the dimensions of several thousands of fish, results were obtained which seem to point to possibility of classification



Lifting Tackle

FOR ALL PURPOSES.

Cranes, Sheave Blocks,
Crabs, Pulley Blocks.

The Steel Rope
Pulley - Block Co.,
LIMITED,

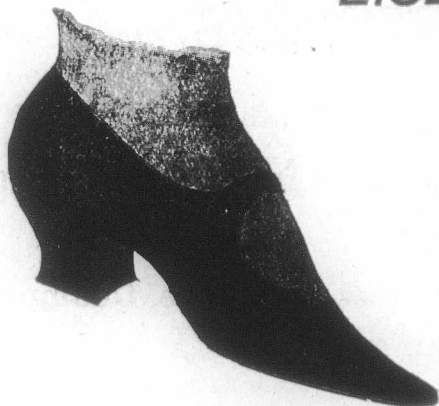
WASHFORD ROAD,
Sheffield, Eng.

Cowling & Company,

MANUFACTURERS OF

Ladies' High Class Boots and Shoes.

ELICESTER, ENGLAND.



We make only the Highest Grades, under the New Canadian Preferential Tariff of 33 1/3 p c., in favour of Canada.



F. F. FINNIS, FISHER & CO. F. F.
BRAND. BRAND.

**Hams, Bacon, Bottled Fruits,
Pickles, Sauces, Jams, Etc.,**

Manufactured by **Finnis, Fisher & Co.,** (Established in 1821),

Export Provision Merchants.
Contractors to His Majesty's Government.

Telegraphic Address: "FINIS LONDON."

Manufactory and Warehouse:

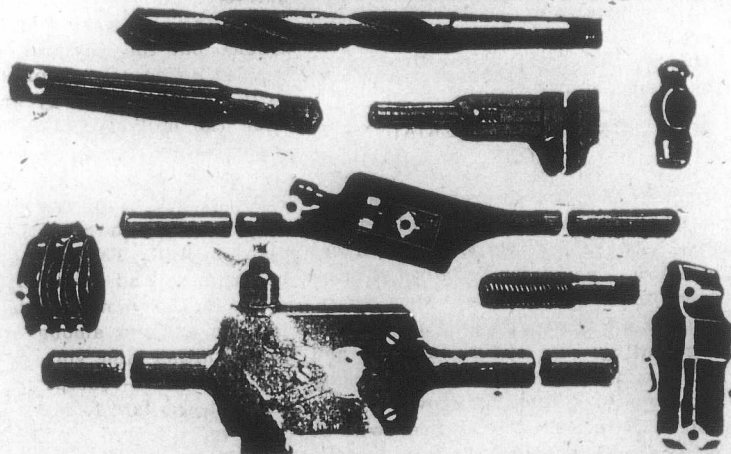
8 Broad Street, Ratcliff, - London, England.

Counting House: |

1 Billiter Avenue, - London, E. C., England.

PRICE LISTS ON APPLICATION.

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



SPECIAL NOTE.—Buyers have 33 1/3 per cent. in their favour by purchasing from The Makers and Inventors in England under the new Canadian Preferential Tariff.

respecting age. This is one of the methods which will be followed regularly during the Huxley's cruises to study the bionomics of the sea. In seeking to trace the migration of fish the system of labelling which has been agreed upon will, it is hoped, yield important results.

As Mr. Garstang pointed out, the exact method may differ on the ships of the various countries. Germany, for instance, inserts a metal ring near the tail bearing initials and a number corresponding with the entry in the ship's books. The English plan, after capturing and measuring the fish, is to pierce a silver pin carrying a metal disc just below the dorsal fin; this is securely riveted on the other side, "E" standing for England, and the ledger number is engraved, and then the captive is restored to the sea. Effective steps are being taken to make all fishermen acquainted with what is going on, and they know that 2s will be given for a whole fish so marked with label intact, and a shilling for information and the label where the fish has been eaten or destroyed, while if the catch is valuable—a large plaice or turbot, for instance—the market price is proffered in addition to the reward. The Board of Trade statistics reveal the fact of a diminution in the annual catch of flat fishes, especially soles and turbot, and to some extent plaice, but Parliament has decided that until further scientific investigation has been carried out the question of a size limit and other protective measures cannot be regarded as ripe for legislation.

So far, of course, but small results have been derived from the labeling of the fish, but it is anticipated that the Huxley will mark and liberate about 6,000 each year, and the hope is that about 10 per cent. will be recovered. Then, if the fishermen give proper aid, the locality of capture can be compared with that of a fish's release, migratory tendencies can be noted, growth can be measured, and, indeed, a scientific watch kept over the life

Telegrams: "GROVES," Salford, England.

Registered Offices: Salford, England.

Groves & Whitnall, Ltd.,

BREWERS & BOTTLERS,

Regent Rd. Brewery, || Globe Bottling Works, || Alexandra Brewery
Salford, Eng. || Salford, Eng. || Manchester, Eng

Shippers of EXPORT ALES and STOUTS in Cask or Bottle, Champagne
Ginger Ale and other Specialities.

Enquiries invited as to AGENCIES or DIRECT SUPPLY through
THE CORPORATION OF COLONIAL AGENCIES Toronto or Montreal.

Telegrams: "CARRIED," Leicester.

Established 1879.

WALTON CARR, Junr.,

WHOLESALE

Boot & Shoe

MANUFACTURER



Asfordby Street Works, North Evington,

Leicester, England.

of the fish subsequent to its first capture. That the work of the international Governments needs to be made widely known was evidenced in the case of a German marked fish. It was caught off Denmark by a British trawler, and a Hull fishmonger, who bought it, sent the startling intelligence to a local newspaper, and, although the fish had been eaten, measurement had been preserved, so that Mr. Garstang was able to come to the rescue of his German confreres. Part of the duties of the Huxley will be to undertake quarterly hydrographic cruises in the western half of the English Channel, headquarters being then shifted from Lowestoft to Plymouth, where the association also has a laboratory. In the Channel the floating life of the sea will be investigated. The water, as is known, is full of small organisms, and certain fishes, notably the herring, which filters them through

an arrangement in its gills, feed entirely upon them. These organisms vary in abundance, due, it is believed, to the migration of the herring and the mackerel, and here is another fascinating subject for the investigation of the research trawler.

SUFFERING, YET IMPERIAL NEW YORK.

Congested beyond all precedent is Manhattan, inexorably compressed lengthwise between her two rivers, with her immense population daily pouring down town and then up town again, in a stream forever flowing and forever augmenting. It will be a year and much more before any adequate relief can come to a situation grown intolerable. Even then the avenues will be choked with vehicles. For that phase of the situation no abatement is possible, but folks on foot can then slip about beneath the surface and escape

to a degree the turmoil above. Not soon enough, says the Springfield Republican, were the plans for underground rapid transit perfected and begun. The noisy and dirty progress of the great work impedes facilities for travel so inadequate at their best, and gives to the town the tumultuous disorderliness of the mining camp. To the outward look of this kind of frontierism there is added its perils—of explosions and of assault and robbery. As if this sort of excavation were not enough, there is a mania, incited by the ruling passion for dollars and evidence of enterprise and progress, for tearing down old buildings and erecting new ones, the steel-framed, sky-piercing structures in which people to the population of a township will do business or live. So are light and air cut off, up town as well as down town, and soft coal has already flung its darkening pall over the city.

Whether one rides or walks, it is at the peril of limb and life. The danger is not imaginary or rhetorical, but real, instant, never ceasing, and most unlovely. Nerves revolt at the tension of existing and moving amid such conditions, but the wayfarer may not relax lest disaster be encountered. Along Fifth avenue, Broadway and Sixth avenue the millions pass. Broadway is a narrow and strenuous way now that the street cars so nearly occupy it. Fifth avenue takes not only the carriages of the town, but the trucking teams as well. This were quite enough, but a new and great detriment has come in the motor vehicles. These push in and out among other conveyances, hither and yon, up and down, swift, noiseless—except for the bell or the toot, too late to save—and terrible. Most to be feared are the white devils that darting sneak around corners, the very symbol and personality of death itself, and often as relentless. The man at the lever or the brake has full

J. W.

One of the
Grades of

for the Can

sense of his humanity of human sympathy people are cars, secure protect like died, like sh slide with lik To walk d tide rolls at no longed a formance. your insepa the avenues street crossing occupat legs to the may become dwellers, th self-preserva and sours proachable. dim of sight ful possibili columns in chronicle.

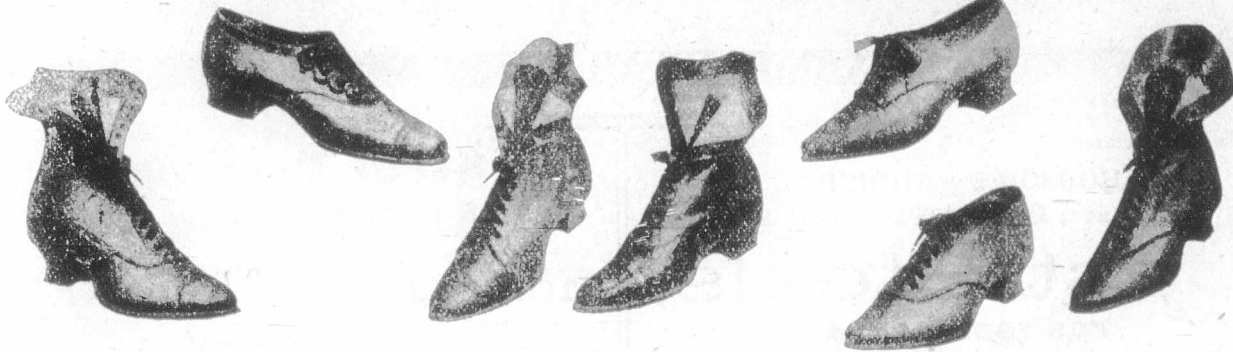
Nor are N the infelicit placable en test much. phase of co tions which ways occupy at the hour Too many f at those ho crowding of in the cars f ency, "when daughters o stantly subj graceful per and humilia erless to av from a petit association mayor to ca sel to advise railroads oc city, and te to enforce t is desired t

J. W. BLACK & CO.,

EAGLE WORKS,

SOUTH KIGSTON,

Near LEICESTER, England.



One of the Finest Model Shoe Manufactory in England, employing over 600 persons, and making the Highest Grades of

MEN'S & WOMEN'S BOOTS & SHOES,

for the Canadian market, under the New Preferential Tariff, 38 2/3 p.c., in their favour.

sense of his autocracy. He regards not humanity on foot, nor has ought of human sympathy for it. Once boarded, people are best off on the Broadway cars, secure that their huge bulk will protect like armor plates—unless, indeed, like should, in rare instances, collide with like.

To walk down town when the human tide rolls at its fullest in the streets is no longer a pleasant and inspiring performance. Strenuousness and worry are your inseparable companions. Across the avenues the vehicles swarm, and street crossing becomes the all engaging occupation, putting eye and ear and legs to their most alert service. It may become second nature to the city-dwellers, this never relaxing appeal to self-preservation, but it tires outsiders, and sours tempers otherwise irreproachable. To the old, the feeble, the dim of sight, the ordeal is full of baleful possibilities, such as the accident columns in the newspapers so steadily chronicle.

Nor are New Yorkers quite dulled to the infelicities of their narrow and implacable environment. They do protest much, just now, the immediate phase of complaint being the conditions which prevail upon all the railways occupying the streets of the city at the hours when travel rises high. Too many folks demand to be carried at those hours, and there follows the crowding of men and women together in the cars in violation of common decency, "whereby the mother, wives, and daughters of this community are constantly subjected to secret and disgraceful personal insult, degradation, and humiliation, which they are powerless to avoid." The quotation is from a petition which the merchants' association is circulating, asking the mayor to cause the corporation counsel to advise him as to the duties of the railroads occupying the streets of the city, and to take measures accordingly to enforce the rights of the people. It is desired to "restrict the number of

STOCKS AND BONDS.

NAME.	Par Val's.	Capital Subscribed.	Capital paid-up.	Rest.	Div. last 6 Ms	Dates of Dividends.	Per Cent. Price Jan 8 (Bid)	Cash value per \$.
British North Am.....	243	4,866,666	4,866,666	1,776,333	3	Apr. Oct	136	330 48
Can. Bank of Commerce	50	8,000,000	8,000,000	2,500,000	2 1/2	June Dec	117	78 50
Commercial, Windsor..	40	500,000	350,000	60,000	2	.....	105	42 00
Dominion.....	50	2,500,000	2,500,000	2,500,000	*2 1/2	May	344	122 00
Eastern Townships.....	50	2,000,000	1,742,535	1,300,000	3 1/2	Jan July	181	80 50
Halifax Banking Co.....	20	600,000	600,000	500,000	3 1/2	Feb. Aug	135	35 00
Hamilton.....	100	2,000,000	2,000,000	1,600,000	5	June Dec	233 1/2	282 50
Hochelaga.....	100	2,030,000	1,981,000	950,000	3 1/2	June Dec	140	140 00
Imperial.....	100	2,868,000	2,868,932	2,438,595	5	June Dec	340	240 00
Merchants' Can.....	100	6,000,000	6,000,000	2,600,000	3 1/2	June Dec	160	160 00
Moisons.....	50	2,500,000	2,500,000	2,150,000	4 1/2	Oct April	216	107 00
Montreal.....	200	12,000,000	12,000,000	8,000,000	5	June Dec	275	65 00
Nationale.....	30	1,469,700	1,430,550	350,000	3	May Nov	95	28 50
New Brunswick.....	100	500,000	500,000	700,000	6	Jan July	300	300 00
Nova Scotia.....	100	2,000,000	2,000,000	2,800,000	4 1/2	Feb. Aug	250	36 00
Ontario.....	100	1,400,000	1,400,000	425,000	2 1/2	June Dec	130	130 00
Ottawa.....	100	2,000,000	2,000,000	1,865,000	4 1/2	June Dec	225	225 00
People's of N. B.....	150	180,000	180,000	155,000	4	.....	250	875 00
Provincial.....	25	873,487	781,248	.....	3	June Dec	.....	.....
Quebec.....	100	2,500,000	2,500,000	800,000	3	June Dec	161	161 00
Royal.....	100	2,000,000	2,000,000	1,700,000	3 1/2	Feb Aug	200	200 00
Sovereign.....	100	1,800,000	1,031,000	190,000	.....	.....	.....	.....
St. Stephen's.....	100	200,000	200,000	45,000	2 1/2	April Oct	.....	.....
Standard.....	50	1,000,000	1,000,000	830,000	5	April Oct	246	123 00
Toronto.....	100	2,500,000	2,499,000	2,600,000	5	June Dec	253	253 00
Traders.....	100	1,350,000	1,350,000	350,000	3	June Dec	125	126 00
Union (Halifax).....	50	1,000,000	1,000,000	505,606	3 1/2	Mch Sept	168	84 00
Union of Canada.....	100	2,000,000	2,000,000	650,000	3	June Dec	140	140 00
Western.....	100	500,000	419,000	150,000	2 1/2	Apr Oct	140	140 00
Agri. Sav. and Loan Co.....	50	630,200	630,200	207,000	3	Jan July	117	58 50
Bell Telephone Co.....	100	5,000,000	5,000,000	800,000	4 1/2	Jan *	170	170 00
Brit. Can. Loan & Inv. Co.....	100	1,937,900	398,481	120,000	2 1/2	Jan July	.....	.....
Brit. Mortg. Loan Co.....	100	450,000	389,214	180,000	3	Jan July	128	128 00
Can. Colored Cot. Mills Co.....	100	2,700,000	.....	.....	.....	Jan *	50	50 00
Can. Landed & Nat'l Inv't Co.....	100	2,008,000	1,004,000	350,000	3	Jan July	108	108 00
Can. Per. & W. Can. M. Corpn.....	10	5,951,350	5,951,350	1,490,057	3	Jan May	129	12 00
Can. Sav. & Loan Co.....	50 & 7 1/2	750,000	750,000	250,000	3 1/2	Jan July	114	57 00
Central Can. Loan & Sav. Co.....	100	2,500,000	1,250,000	450,000	*1 1/2	Jan July	136	136 00
Dominion Sav. and Inv. Co.....	50	1,000,000	934,200	40,000	2	July Dec	72	36 00
Dominion Telegraph Co.....	50	1,000,000	.....	.....	1 1/2	Jan *	124	62 00
Dominion Cotton Mills Co.....	100	3,333,600	3,333,600	.....	6	Mar *	52	52 00
Hamilton Prov. and Loan.....	100	1,500,000	1,100,000	340,000	3	Jan July	119	119 00
Home Sav. and Loan Co.....	10	2,000,000	200,000	200,000	3 1/2	Jan July	135	135 00
Huron & Erie Loan & Sav. Co.....	50	3,000,000	1,400,000	925,000	4 1/2	Jan July	183	91 50
Imperial Loan and Inv. Co.....	100	899,850	734,590	74,300	3	Jan July	70	70 00
Landed Banking and Loan.....	100	700,000	700,000	210,000	3	Jan July	111	111 00
Land. & Can. Loan and Ag.....	50	1,000,000	877,287	87,500	3	Jan July	68	34 00
London Loan Co.....	50	679,700	678,550	160,000	3	Jan. July	110	50 00
Manitoba & North-W. Ln Co.....	100	1,500,000	375,000	51,000	.....	Jan July	75	75 00
Montreal Telegraph Co.....	40	2,000,000	2,000,000	.....	2	Jan	170	61 00
Montreal Gas Co.....	40	3,000,000	2,998,640	.....	5	April Oct	247	122 50
Montreal Street Ry. Co.....	50	5,000,000	4,500,000	560,318	3 1/2	Feb. *	280	140 00
Montreal Cotton Co.....	100	1,400,000	1,400,000	600,000	4	Mch. *	180	130 00
Merchants Cot. Co.....	100	1,250,000	1,250,000	.....	4	Feb Aug	85	65 00
Montreal Loan and Mortg.....	25	500,000	500,000	380,000	3 1/2 & 1	Mch Sep	137 1/2	34 37
Ont. Indus. Loan and Inv.....	100	373,000	271,993	150,000	3	Jan July	.....	.....
Ont. Loan and Deb. Co.....	50	2,000,000	1,300,000	560,000	3	Jan July	123	61 00
People's Loan and Dep. Co.....	50	600,000	600,000	40,000	.....	Jan July	42	21 00
Real Est. Loan Co.....	40	578,840	373,730	50,000	2	Jan July	76	30 40
Richelieu and Ont. Nav. Co.....	100	2,088,000	2,088,000	162,356	3	May Nov	101	101 00
Mont. Heat, Light & Power Co.....	100	2,250,000	2,250,000	320,155	.....	Jan. *	89	89 00
Toronto Electric Light Co.....	100	2,000,000	2,000,000	.....	.....	Jan. *	154	154 00
Toronto Mortgage Co.....	50	1,123,860	724,050	250,000	2 1/2	.....	89	44 50
Toronto Street Railway.....	100	6,000,000	6,000,000	.....	.....	Jan. * July	115 1/2	118 25
Windsor Hotel.....	.....	.....	.....	.....	.....	.....	80	80 00

* Paying quarterly dividends.

GOLD MINERS' DRILL STEELS

HOBSON, HOUGHTON & CO.

SUCCESSORS TO FRANCIS HOBSON & SON
SHEFFIELD, ENGLAND.

MINERS
HAMMERS
& PICKS

Sole Manufacturers of

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

Cast Steels,

FOR TOOLS, &c., &c.

HOBSON'S "CHOICE" Extra Quality NEEDLE WIRE,
as supplied to leading consumers for 90 years, in the
United States of America.

Specialty for Machine or Hand Drilling.

Established upwards of 100 Years.

Steel Forgings And Castings.

Horse Rasps, Files, Etc.

Sole Manufacturers of

"SOHO" Special Self-Hardening Steel

Best and Cheapest on the Market.

Canadians have 33 $\frac{1}{2}$ p.c. in their favour, by purchasing these
English goods from us, under the new Canadian Preferential
Tariff.

New York Office and Warehouse.

passengers to each car to its comfortable and reasonable capacity," especially upon the elevated roads. Desirable truly that is, but as a matter of fact it will not be done, and cannot be. So doing would shut out a very considerable proportion of those desiring to use the cars, and this would lead to an even louder public outcry than now prevails. No sufficient remedy can be applied until an underground outlet shall draw off its large share of the congestion—and then there will still be inadequacy and complaint. The condition can now be made to yield no sufficient regard for and response to the complaint which it compels. New York must suffer and be strong, as best

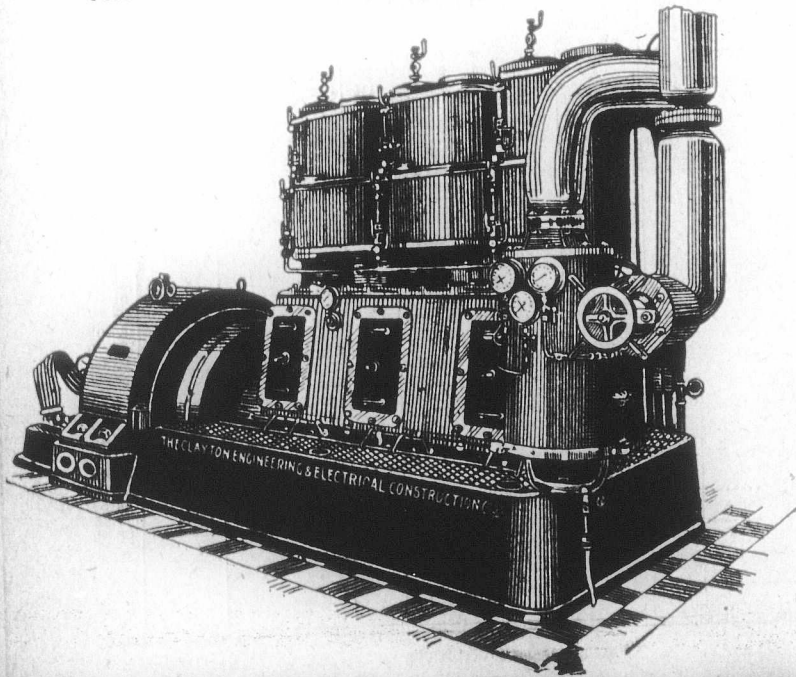
she may. It is a great city, but greatly handicapped.

All the while business is pushing up-town with such unanimity of action as makes noteworthy John Wanamaker's purpose to put up his new store on the block immediately south of the old A. T. Stewart establishment, whose bounds shall be Broadway, Fourth avenue, Eighth and Ninth streets. James Gordon Bennett led the way to Herald square, and many there be to follow him, and more are coming. Already Fourteenth street is sadly decadent, and Union square decidedly on the wane as a business centre, while Twenty-third street seems far "down town," and is destined to a not distant decline in

the quality of its shops such as has come to Fourteenth street. The good clubs have all migrated from the old centres, and last to leave is the Union club, which has just abandoned its home of half a century at Twenty-first street.

The fashion of this world nowhere changes more rapidly than in New York, where the best hotels of yesterday are become inferior inns of today; and where residences deemed unsurpassably palatial in our short time are always being deserted of fashion and becoming the prey of commercialism, out of which they were born, and to which they return, minus their gilding.

The CLAYTON ENGINEERING & ELECTRICAL CONSTRUCTION COMPANY, Limited.



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

ELECTRICAL WORKS:
Clayton, near Manchester, Eng.

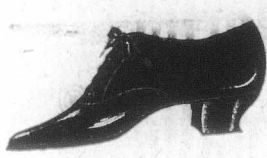
Telegraphic Address: "DYNAMO, HYDE."
Telephone: No. 62, HYDE.

DIRECT-COUPLED.....

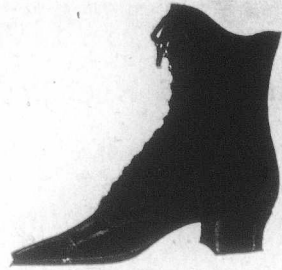
High-Speed Plants

for

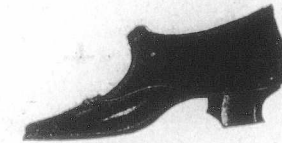
Traction or Lighting



G. H. PALMER, ANSTEY BOOT WORKS,



Anstey, near Leicester, - Eng.



One of the largest works in England, and can supply these Shoes 33½ p.c. less to Canadians, under the New Tariff.

But always more impressive and imperial in her material aspects becomes the great money centre of the world, New York, and nowhere does she sit in greater power than within the little area of Wall Street, hated of populism, and loved and sought after by worshippers of the golden calf, whether they be clothed in wool, hide or fur. The new chamber of commerce building on Liberty street and the stock exchange on Broad street—the latter to be the finer building—are representative of a great business centre that is ever enlarging its operations, be they legitimate or otherwise.

Nor should we forget the deserved compliment which Dr. Lorenz has paid to the great charities of New York, generous and pervading beyond precedent the world over, if yet so inadequate to the human misery which she harbors. Imperial in wealth and poverty, our great city is, with a lessening place in her social life, it would seem, for those moderately dowered with this world's goods. Concentrated

in her life are the world's problems—always old, ever new, in that the new things under the sun are but old aspects scarce disguised. Repetitions are all our experiences, and still are men dominated by human nature and uplifting is the social mass but slowly along the way of such brotherhood as Jesus taught. Still there is the uplift, as the backward reach of the years shows us. More obvious is it that this is a great city among the cities of the world, like them in the ingredients that go to make it, and waxing to be greatest of them all in financial dominion.

LAKE ERIE'S FISH SUPPLY.

The great staples of the commercial fishing industry are whitefish, pike, herring, sturgeon and lake trout. They form the biggest catches and are always saleable. The chief source of supply of one or another of these staples is the Great Lakes and the lakes of the Canadian Northwest. Lake Erie is one of the best fresh-water fish-pro-

ducing bodies in the hands of the industry. One authority states it produces nearly as much tonnage of fish a year as in all the other Great Lakes together. That is not because there are more fish in Lake Erie, but because it is fished more.

One of the most desirable fish taken from the waters of the great lakes, says a Buffalo paper, is the whitefish and Lake Erie whitefish is the standard for all of that species. The quality of fish depends upon the nature of the water it inhabits. There are probably a score of different kinds of whitefish known to commerce, the differentiation being in color and shape. If a whitefish from Lake Erie and one from the Lake of the Woods were placed together, the ordinary observer wouldn't believe they were of the same family. The whitefish from the Lake of the Woods is black alongside the silver-sided denizen of Lake Erie. Those from Lake Winnipeg have a reddish tint. A glance at a whitefish will reveal to an expert the locality in which

JAMES HOWARTH
Emery, Roller & Strickle
Manufacturer.

MILKSTONE EMERY ROLLERWORKS. ROCHDALE, ENGLAND.

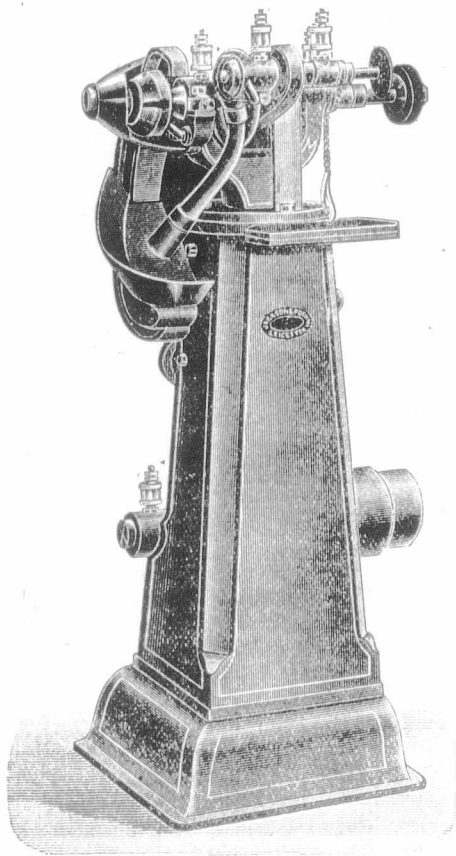
Improved ROLLER GRINDING FRAMES of all descriptions.

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

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

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

Improved Heel Parer,



THIS IS

One machine of a full set of finishing Machines. It is fitted with special Brushes & New Model Bell adjustment for regulating the cut.

Give us your enquiries

List free.

JACKSON & POCHIN

Star Works,
Humberstone Road
LEICESTER,
England.

it was caught. But while the best whitefish come from Lake Erie, the main source of supply is from the Canadian lakes.

Most of the supply of lake trout is found in Georgian Bay, Lake Huron and Lake Superior. There are practically no trout in Lake Erie and there are none in the larger Canadian Lakes. A large supply of yellow pike and pickerel is caught in the Canadian lakes. Yellow pike is not abundant in Lake Erie, while blue pike is not found outside of Lakes Erie and Ontario. Lake Erie contains the large supply. Many of the large catches of fish made in Lake Erie around Buffalo are of blue pike. The herring in Lake Erie are the standard of quality for all the other lakes and are finer and better than any others. It is said to be the only kind of herring that closely resembles white fish. Its weight has increased lately, many of two pounds being caught. By the eye the large herring can scarcely be distinguished from the ordinary whitefish, but the flavor, of course, is not the same.

The development of the sturgeon as

WOOLLENS and LEATHER

A Prominent Woolen and Leather Broker, of 20 years' experience, desires to represent a responsible firm in each of these lines.

Address :

ADRIEN GAU,
Mazamet (Tarn),
FRANCE.

LAINES et CUIRS.

Courtier important, vingt années d'expérience, désire représenter forte maison.

Ecrire:

ADRIEN GAU,
Mazamet (Tarn),
FRANCE.

NOTICE is hereby given that an application will be made at the next sitting of the Legislature of the Province of Quebec for an act to incorporate "LA SAUVEGARDE," a Mutual Life Insurance Society, having its chief office in Montreal, authorized by the Lieutenant Governor in council, in virtue of 62 Victoria, ch. 32, on the 17th of October, 1901, as a Joint Stock Insurance Company, under the name of "LA COMPAGNIE D'ASSURANCE SUR LA VIE, LA SAUVEGARDE," "THE SAFEGUARD LIFE INSURANCE COMPANY," and to confirm the resolution of the members dated the 9th of December, 1902, authorizing the transfer of the assets of the said Mutual Society, "LA SAUVEGARDE" to "LA COMPAGNIE D'ASSURANCE SUR LA VIE, LA SAUVEGARDE," "THE SAFEGUARD LIFE INSURANCE COMPANY," under the terms mentioned in said resolution, with all the rights and powers necessary.

PHILIPPE DEMERS,

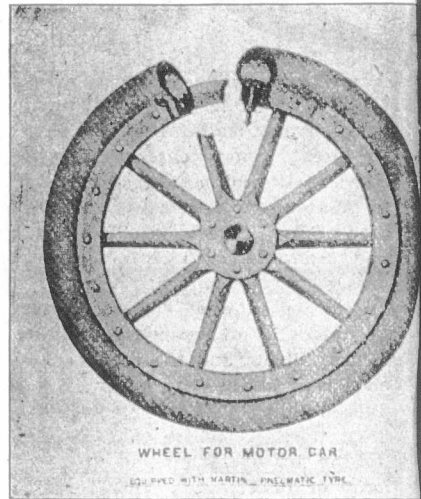
Attorney for Petitioners

Montreal, 12th December, 1902.

**The Martin
Pneumatic
Tyre.**



For Motors and all kinds of Light and Heavy Vehicles.



WHEEL FOR MOTOR CAR
EQUIPPED WITH MARTIN PNEUMATIC TYRE.

**NO CREEPING,
NO PUNCTURES,
NO INNER TUBE.
PERFECT
RESILIENCE.**

Write for Particulars and Price Lists to

THE SECRETARY

**Martin Pneumatic
Tyre Syndicate,**

LIMITED,

**SUFFOLK HOUSE,
LAURENCE POUNTNEY HILL,
LONDON, E.C., Eng.**

Telegrams: "PENSATIVO," London.

**Has Beaten all Records for
Enduring Qualities,**

MATT
SP



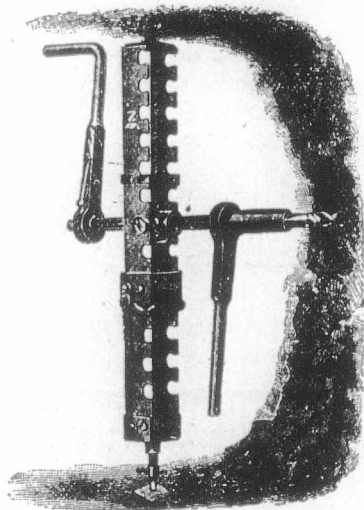
These
are m
the C
under
ferent
favou



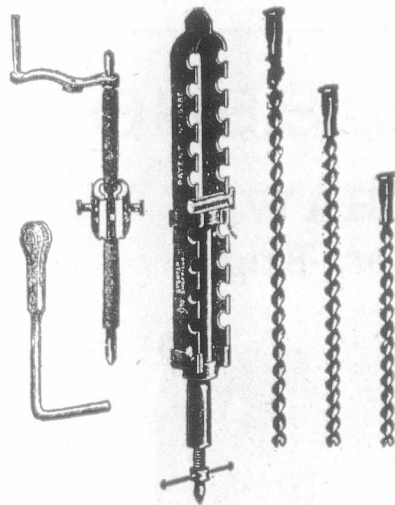
Ratchet

SHEPPI

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.

WE ARE STILL LEADING THE WAY WITH BRITISH SHOE FINISHES

Royal-Oak Stain for Sole Finishing.
British-Oak Russet for Sole Finishing.
Rapid Brown for Heels and Edges.
New Process Black for Heels and Bottoms.
Edge Inks, Fake, Heel Balls, Waxes, &c.

We Excel in these Lines.

Write Direct or through your shipper to

International Shoe Findings, Lt'd.,

MANUFACTURERS OF Stain, Ink, Waxes, &c.,

TELEGRAMS: "Blacking, Leicester." Gray Street Mills, LEICESTER, Eng.

Special prices to Canadians under the New Tariff.

a great article of commerce is one of the most interesting stories connected with the fish industry. Fifteen years ago sturgeon sold for 25 cents apiece. One female sturgeon sold for \$28 the other day. The value placed on the sturgeon for its eggs is familiar to all, but the flesh now, too, sells up with that of other staple fish. It brings 10 cents a pound fresh, while the smoked article sells at a much higher price. Smoked sturgeon is now considered one of the best fish delicacies on the market and almost all of that caught is prepared in that way. The eggs of the sturgeon bring 50 cents a pound to the fisherman. They are made into caviar. The bladder sells for \$1 a pound and is used for isinglass.

A fish regarded as staple all over New York State, is the bullhead. The chief commercial supply comes from Lake Ontario. It is said that eels never get into Lake Erie unless they lock themselves through the Welland canal. They are a migratory fish that come originally from the sea and Niagara Falls bars that passage into the upper lakes. It is supposed that eels are always propagated in salt water. Boatmen often report seeing millions of one and two-inch eels struggling up the swift waters of the St. Lawrence river on their way into Lake Ontario. While the eel, from its shape, is repugnant to many people, the demand for them is greater than the supply.

The much-despised carp occupies a place on wholesalers' lists, but Americans haven't been educated up to its use as an article of food, to any extent. These fat, slimy fish were imported from Germany by some well-meaning persons, but their propagation in the waters of the great lakes has proved a misfortune. They devour large quantities of the spawn of other and more valuable fish. At certain times of the year when other fish are scarce they command a fair price. In some places abroad carp are still considered a delicacy. One fish merchant thinks carp were designed by nature to supply the wants of a people where water is scarce, for they can live in mud holes. Farmers in Germany raise them in very small ponds. The black bass supply is very limited, es-

pecially on account of the Canadian laws which prohibit their exportation from that country. Black bass bring from 16 to 18 cents a pound at retail, and the man who gets them at that price considers himself lucky. Fish retailers usually save black bass for their very best customers. Some black bass are caught in Lake Erie.

Practically all commercial fishing in fresh waters is carried on by the use of nets, whether a rowboat or an up-to-date tug is employed. The gill net is the handiest and is much used in Lake Erie. This forms a fence on the bottom of the lake about six feet high and anywhere from 800 feet to several miles long. These nets are made of thin cord and can be stowed away in a very small compass. A fish will swim against the fence of netting, get its head caught in the mesh and will stay there until taken out by the fishman. The nets are kept in position in the water by lead sinkers on the bottom and cork bobs on top. The entire net is also anchored securely, while the spot is marked by a buoy. Gill nets often come in sections 300 feet long and are fastened together in gangs. Fishing tugs often set a gang that is over four miles long. Each boat is equipped with two gangs. Pound nets, whose use in New York waters is prohibited, are used in Ohio and Canadian waters. They form large receptacles in the water, into which fish find their way and are prevented from getting out by a trap-like arrangement at the entrance. Game fish are often caught in pound nets. Then there are also smaller trap nets, fyke nets and many other varieties, some of which are peculiar to different localities.

HOLMES & CO., COACH MAKERS
TO THE KING.

The members of the firm of Holmes & Co. are descendants from a long line of coach makers and harness makers, and a charter still in possession of the family sets forth that Queen Elizabeth in the year 1586 authorized the widow Holmes and 12 other citizens of Lichfield to form the Leather Cutters' Com-

pany of the City of Lichfield, and enacted that no person not being a member of this company should have so much as one hide of leather in their possession within the city and county of Lichfield, without first obtaining the permission of the said Company.

The object of the charter was to grant a monopoly in the trades of glove making, harness making and in the manufacture of saddles, bridles, leather breeches and jerkins and belts to these thirteen persons and to their descendants, and from that day to this at least one of the name of Holmes has been admitted to the Company; the present head of the firm was admitted about 15 years ago.

To come to more recent times, Mr. Charles Holmes of Lichfield, the great-grandfather of the member of the present firm, added the business of a coachmaker to the ancestral occupation of harness making in 1773; and, dying shortly afterwards, left his business to his son Charles, who in turn left it to his eldest son William, and another son left the trade altogether, and the youngest son, Charles, became a coachmaker in Derby in 1803.

Mr. Charles Holmes of Derby left his business to his children, Herbert, Alfred, Arthur and Henry, and in course of time the first of these, Herbert Mountford Holmes, became the sole partner.

In 1890 he transferred the business to his three sons, Charles, Herbert Mountford and George Edward, who still carry on the business of coach makers and of harness makers in Derby, Lichfield, Sheffield, Burton on Trent and London.

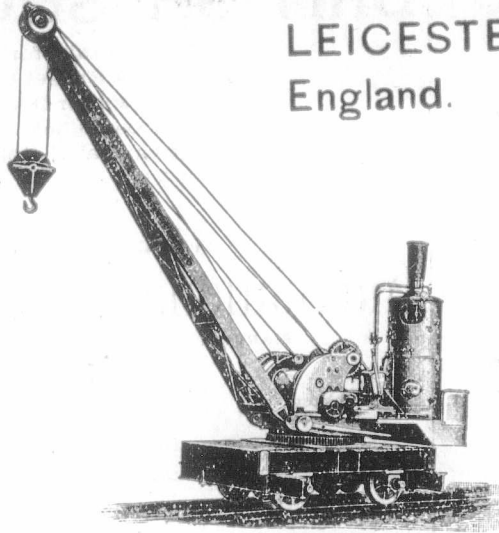
The Lichfield business was purchased on the retirement of Mr. William Holmes and the other branches were purchased from Mr. Jones of Margaret Street, London; Mr. Peace, of Sheffield, and Mr. Goodman, of Burton.

In 1841 Messrs. Holmes were appointed coachmakers to Queen Adelaide, the widow of William the Fourth; in 1841 to Albert, the Prince Consort; in 1849 to Queen Victoria and subsequently to the Prince of Wales, the Duke of Saxe Coburg Gotha, and on his accession to the throne to His Majesty King Edward VII., and they have built many carriages for these various members of the Royal Family. They received prize medals at the International Exhibition of 1851 and 1855 and 1867, and one or other member of the firm has acted as juror at most of the International exhibitions since. Mr. Charles Holmes was juror at the Paris Exhibitions of 1889 and 1900, and was asked to serve at the Chicago Exhibition also. The late Mr. H. M. Holmes was Master of the Coachmakers Company of the City of London in 1872, and presented the Freedom of the City to the late Duke of Edinburgh, and Mr. Charles Holmes is the Senior Warden of that Company this year, and is therefore likely to be Master next year.

In 1842 Messrs. Holmes put up the first steam machinery used in coach-making at their works in Derby, and the spoke-making machine designed by

TAYLOR & HUBBARD

LEICESTER, England.



Manufacturers of the most improved

Cranes

for Canadians under the New Preferential Tariff, of 33 1/3 p.c. in their favour.

WIRES:
"LIFTING," LEICESTER.



Awakening to the Fact that by purchasing . . .

BUTTERCUP METAL POLISH

Under the New Tariff from

Chiswick Soap Co.,
LONDON, Eng.,
you can SAVE MONEY.

B. & S. Massey,

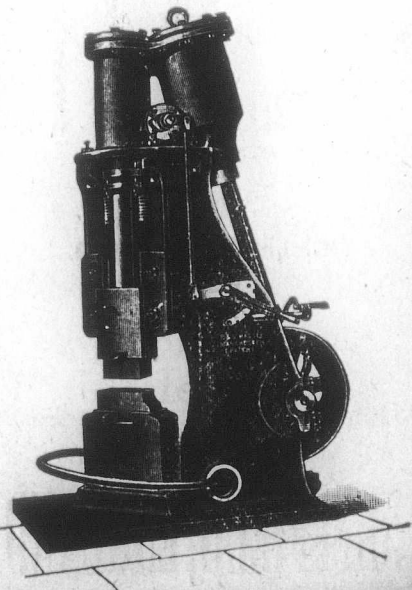
OPENSHAW, Manchester, Eng.

THIS PNEUMATIC HAMMER

Is the best substitute for a Steam Hammer. It is as Powerful, and is Equally well Controlled. It can be driven by either Electric Motor or by a Belt from an ordinary line-shaft.

Write for Particulars.

Steam Hammers, Power Hammers, Stamps, Band Sawing Machines, &c.



Three G
Silver M
t



Manch
Lond

them is be
the numero
the civiliz

During th
large numb
gons and m
ness for th
made simila
since. Dur
they made
tion wagg
waggons—t
rate of 20

The War
prize of £5
balance an
to compete
in for the
was awarde
a lengthy t
the competi

At the pr
build every
landaus an
light landa
omnibusses,
ness cars, a
tor cars al
the harnes
harness of

Their for
Mr. Charles
the United
and Mr. G
time in Nat
business in
and many
visited Mess

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



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

THE Shrewsbury & Challiner Tyre Co., Ltd.,

MANUFACTURERS OF

INDIA RUBBER CARRIAGE

.....AND.....

MOTOR CAR TYRES EVERY DESCRIPTION.



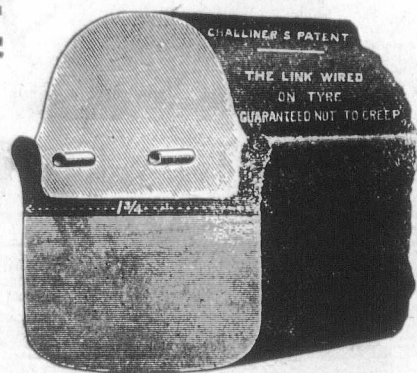
INCLUDING THE

CUP TYRE

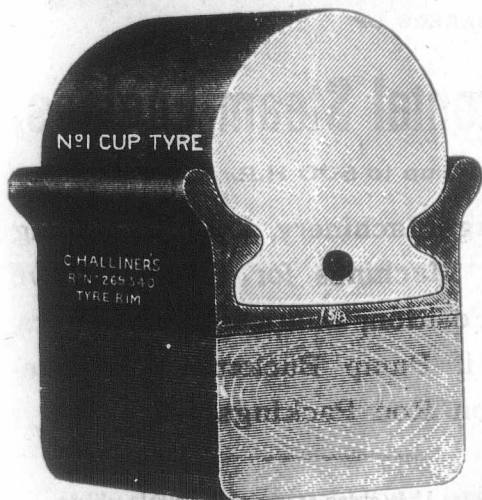
Specially adapted for Motor
Cars, Omnibuses, &c. Over
1,000 tons supplied during the
last 12 months. Made in eight
sizes to suit all classes of Ve-
hicles.

NOTED FOR

Comfort, Combined with
Strength and Durability.



The King of the Wired-on-Tyres.



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

WRITE FOR DESCRIPTIVE PRICE LIST.

them is believed to be the pioneer of the numerous machines used all over the civilized world for turning spokes.

During the Crimean War they made large numbers of ambulances and waggons and more than 10,000 sets of harness for the use of the army, and have made similar goods on many occasions since. During the South African War they made 70 ambulances, 50 ammunition waggons and 505 general service waggons—turning out these last at the rate of 20 per week.

The War Office recently offered a prize of £500 for the best military ambulance and invited any British firms to compete—9 ambulances were sent in for the competitions, and the prize was awarded to Messrs. Holmes after a lengthy trial on rough ground of all the competing ambulances.

At the present time Messrs. Holmes build every variety of carriage—dress landaus and four-in-hand drags—and light landaus, broughams, victorias, omnibusses, dog carts and even governess cars, and have recently built motor cars also—and they still carry on the harness trade, making carriage harness of a high quality.

Their foreign trade is considerable, Mr. Charles Holmes has visited Canada, the United States, India and Australia, and Mr. George Holmes spent some time in Natal, the firm having a branch business in Durban for some years—and many foreign coach makers have visited Messrs. Holmes's works in Der-

John Britton of Brewster & Co., New York; Mr. Belvallette, Paris; Mr. Simpson of Madras, so that by the interchange of ideas with men of other countries they have kept themselves in touch with the most modern improvements in their trade.

The carriages, waggons, etc., manufactured by Messrs. Holmes & Co., must be attracting considerable attention abroad if we are to judge from the prominence given them at the exhibitions, in Aldershot and elsewhere. In a recent issue of the London Times we find the following:—

A New Ambulance Waggon.—Messrs. Holmes & Co., of Derby, Lichfield, London, and other places, coachmakers to the King, were officially informed that the committee appointed to conduct a test of ambulance waggons submitted in competition for prizes offered by the Secretary of State for War had adjudged the waggon submitted by them to be deserving of the first prize of £500. About a dozen firms entered in the competitions, and the trials took place at Aldershot over specially selected ground.

According to the specifications of their waggon, which Messrs. Holmes supplied at the time, it will carry four patients lying down or 12 sitting, with two hospital orderlies and one driver. The body is constructed to carry four stretchers (service pattern), two on the bottom of the waggon and two on the seats, with a passage down the centre,

pass between them, and so arranged that the men are able to sit up on the stretchers. The stretchers rest on india rubber cushions, or can be suspended at the head by straps with insulators. When the stretchers are not in use the hind seats are turned down and the four raised backs are turned up; the stretchers are packed two on the sides under the seats, and two behind the raised back irons, it not being necessary to remove the cushions, so that the exchange can be made with as little delay as possible. Any two of the stretchers could be used, and room would be left for six men to sit on the seats. There are two cupboards, with locks, in the body of the waggon for medical comforts, etc., and a lamp to burn oil or candle, which is also interchangeable with those outside. Six rifles can be carried, two under the seats and four at the front end of the body. A movable water tank of aluminum, to hold ten gallons, is fixed under the body, and two cupboards, accessible from the outside, at the back of the waggon. The roof is supported by six weldless steel tubes nickel plated, and is boarded on the top and provided with a luggage rail, so that it may be used for a light and bulky top load. The four side curtains are of a strong water-proof material, and can be either opened by sliding on iron rods or reefed as required independently. When the waggon is required for rail transit the roof can

Alexander Oldham & Sons,

Johnson Brook Patent Piston Works, and Engineering Works

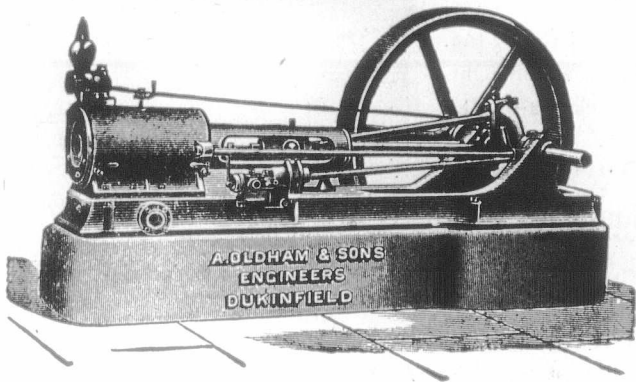
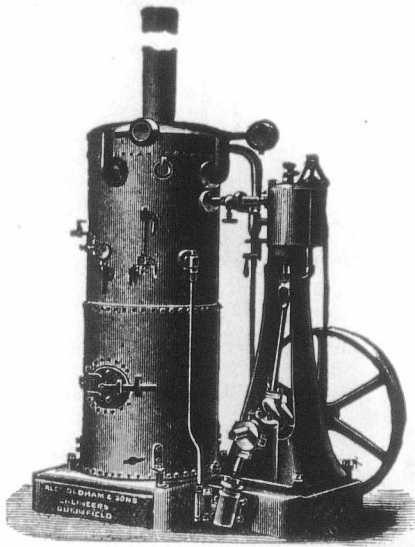
DUKINFIELD, ENGLAND.



MAKERS OF

Vertical & Horizontal Steam Engines,

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



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

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

MONTREAL WHOLESALE PRICES CURRENT.

FRIDAY, JAN. 9, 1903.

Name of Article.	Wholesale
Drugs & Chemicals	
Acid Carbohc Cryst medl.....	\$ c. \$ c.
Aloes, Caps.....	0 26 0 30
Alum.....	1 40 1 75
Borax, xtls.....	0 04 0 08
Brom. Potass.....	0 40 0 50
Camphor. Ref Rings.....	0 00 0 75
Refos. ck.....	0 75 0 80
Citric Acid.....	0 35 0 40
Citrate Magnesia lb.....	0 25 0 45
Cocaine Hyd. (os).....	5 00 5 50
Coppers, per 100 lbs.....	0 75 0 80
Creosol Tartar.....	0 20 0 25
Epsom Salts.....	1 25 1 75
Glycerine.....	0 17 0 20
Gum Arabic per lb.....	0 20 0 40
" Trag.....	0 50 1 00
Insect Powder lb.....	0 25 0 40
do per keg, lb.....	0 22 0 30
Menthol, lb.....	9 50 10 00
Morphia.....	1 35 1 45
Oil Peppermint lb.....	6 50 7 00
Oil Lemon.....	1 15 1 25
Opium.....	8 50 4 00
Oxalic Acid.....	0 08 0 10
Phosphorus.....	0 50 0 75
Potash Bichromate.....	0 08 0 10
Potash Iodide.....	3 00 3 40
Quinine.....	0 30 0 40
Strychnine.....	0 65 0 80
Tartaric Acid.....	0 28 0 32
Licorice.	
Stick, 4, 6, 8, 12, & 16 to lb., 5 lb. boxes.....	2 00 0 00
Acme Licorice Pellets, cans.....	2 00 0 00
Licorice Lozenges, 1 5 lb. cans.....	1 50 0 00
Heavy Chemicals.	
Bleaching Powder.....	1 75 2 50
Blue Vitriol.....	4 75 5 75
Brimstone.....	2 00 2 50
Caustic Soda.....	2 00 3 00
".....	0 00 0 00
Soda Ash.....	1 35 1 80
Soda Bicarb.....	1 75 2 25
Sal. Soda.....	0 75 0 85
Concentrated.....	1 50 2 00
Dyestuffs.	
Archil, con.....	0 27 0 31
Outch.....	0 08 0 09
Ex. Logwood.....	0 09 0 12

ployed, which will have the effect of reducing oscillation. The wheels are of service pattern, but are hooped with a special design of indiarubber tire, secured in a dovetailed section of steel and wired on. A cross spring is provided to relieve the side springs when fully loaded. A powerful screw-brake on both hind wheels and suitable ventilators are among the other details of this new vehicle.

The conditions which the War Office laid down when the competition was inaugurated are said to be the outcome of suggestions that occurred to the Royal Army Medical Corps during the recent South African campaign. The successful firm are not by any means new to this class of work, for the late Mr. M. H. Holmes, the then chief partner, specially designed the ambulance waggons that were used in the Crimean War, and among their latest Government contracts were 500 general service waggons and 150 ambulance waggons for the war just concluded.

The new Canadian tariff admits English manufactures at a discount of one third from the regular duty. Write for price lists, etc., to Holmes & Co., 37 Margaret St., London, W., England.

REYNOLD CYCLE CHAINS.

On another page of this journal may be seen weekly an advertisement of the Hans Reynold chains for bicycles, motors, etc. The firm of Hans Renold, of Manchester, Eng., are held in such

MONTREAL WHOLESALE PRICES CURRENT

FRIDAY, JAN. 9, 1903.

Name of Article.	Wholesale.
Chip Logwood.....	\$ c. \$ c.
Indigo (Bengal).....	1 75 2 60
Indigo Madras.....	1 50 1 75
Gambier.....	0 70 1 00
Madder.....	0 07 0 07 1/2
Sassa.....	0 09 0 12
Sumac.....	50 00 55 00
Tin Crystals.....	0 24 0 30
Fish.	
Bloaters, per box.....	1 00 1 25
Labrador Herrings.....	5 00 5 25
do do Half brls.....	2 75 3 00
" do do.....	0 00 12 50
" do do 1/2 barrel.....	6 00 6 50
Green Cod, No. 1.....	5 75 6 00
Green " large.....	0 00 0 00
No. 2.....	4 75 5 00
Large dry Gaspe per qntl.....	5 00 5 25
Salmon, bris Lab. No. 1.....	0 00 14 00
Salmon, (half bris).....	0 00 0 00
" Brit. Cbl bris.....	0 00 0 00
Bonaless Fish.....	0 04 0 00
" Cod.....	0 05 0 00
" Lay.....	4 75 5 00
Skinless Cod, case.....	1 10 1 15
Loch Fyne Herrings, keg.....	1 10 1 15
Flour.	
Ogilvie's Hungarian.....	0 00 4 20
Ogilvie's Glenora Patent.....	0 00 3 90
Manitoba patents.....	0 00 4 20
Strong Bakers.....	0 00 3 90
Winter Wheat patents.....	4 00 4 10
Straight roller.....	3 65 3 90
do bags.....	1 75 1 85
Superfine.....	4 50 4 60
Rolled Oats.....	4 25 4 35
Corn meal, bag.....	1 50 1 55
Bran bulk.....	0 00 18 00
Shorts.....	0 00 20 00
Moullis.....	0 00 26 00
Farm Products.	
BUTTER; Choicest Cr.....	0 31 0 33
Eastern do.....	0 30 0 31
Under Grades Cr.....	0 19 0 20
Townships Dairy.....	0 00 0 00
Western Dairy.....	0 17 0 17 1/2
Good to choice.....	0 14 0 15
".....	0 17 1/2 0 18

Sel



It is in available fo

In deco and Sample are 83 1/2 p.

JOHN

MONTREAL

Na

Farm I

CHEESE: Ont. New Eastern

Eggs: Best Straight gath Lined Cold storage Pickled

SURDRES: Potatoes, Honey, White, Ext Beeeswax, Beans: prim do. Best h

SUGARS: Pa

Ex Granula Acacia gran Ex Ground

Powdered, Paris Lump

Branded Yel

Malasses (Loose Mass do bris Evaporated

Esains: Sultana

Loose Musc Layers, Lon Con. Clus

Extra Deese Royal Buck Valencia

Patras, Pr Filiatras

Patras, Voxtissas Prunes, Cal do Fre

Figs in bag " new lay Rice, C. C. " standar

" Patas " Burmal " Crystall

" Carolin Pot Barley, Pearl " Tapioca, Pe

" Fl Corn, 2 lb. Peas, 2-lb tin Salmon, 4 do Tomatoes, Sa

" Beans

Sellers' Cream Blacking

Entirely Supersedes all kinds of Paste and Liquid Blacking.



This new Preparation combines the essential properties of Boot Cream and Blacking, and may be used for every description of Black Leather Boots and Shoes—including Box Calf, Glace Kid, Patent Leather, &c., with great advantage.

It is entirely free from acid, and all other injurious properties—therefore does not perish the leather or destroy the stitches of the Boots like ordinary Blacking.

It dries quickly—produces a brilliant jet black—does not clog or crack in use—renders the leather soft and elastic—is not affected by rain or damp—does not rub off or soil the dress—and is more cleanly, convenient, and economical than any other kind of Blacking.

It saves an immense amount of time and labour, as Boots and Shoes dressed with this Cream Blacking retain their polish for several days, and only need occasionally rubbing with a soft dry cloth to restore their original brightness and freshness.

By using this Dressing ordinary Calf Leather Boots become nearly as bright and smooth as Patent Leather in a short time.

It is invaluable to Ladies and Travellers, as it is cleanly and easily applied—instantly produces a brilliant shine—and is available for all kinds of Black Leather.

One trial will prove its value and importance.

TO OBTAIN THE BEST RESULTS FOLLOW THE SIMPLE DIRECTIONS ON EACH TIN.

In decorated Air Tight Tins specially suitable for Export. GOOD PUSHING AGENTS WANTED. Full Export Price List and Samples if desired on application. These goods are superior to those made in America, and under the New Canadian Tariff are 38 1/2 % p.c. cheaper.

INVENTORS AND SOLE MAKERS:

JOHN SELLERS & CO., Manufacturing Chemists, 11 Clerkenwell Green, LONDON, England.

MONTREAL WHOLESALE PRICES CURRENT
FRIDAY, JAN. 9, 1903.

Name of Article.	Wholesale
Farm Products.—Con.	
CHEESE:	\$ c. \$ c.
Ont. New.....	\$ 12 12
Eastern.....	\$ 00 00
Eggs: Best selected.....	\$ 00 25
Straight gathered.....	\$ 02 22
Limed.....	\$ 08 19
Cold storage.....	\$ 18 19
Pickled.....	\$ 00 23
BUTTER:	
Potatoes, per bag of 90 lbs.....	\$ 65 90
Honey, White Clov., Comb.....	\$ 11 11 1/2
" Extracted.....	\$ 07 08 1/2
Beeswax.....	\$ 25 30
BEANS: prime	\$ 00 26
do. Best hand-picked.....	\$ 00 00 0

Name of Article.	Wholesale
Groceries.	
Sugars: Factory.	
Ex Granulated, brls.....	\$ 00 3 80
Acadia gran'd.....	\$ 00 3 75
Ex Ground, in brls.....	\$ 00 4 55
" in bxs.....	\$ 00 4 75
Powdered, in brls.....	\$ 00 4 30
" boxes.....	\$ 00 4 45
Paris Lump, in brls.....	\$ 00 4 55
" half brls.....	\$ 00 4 55
" 100-lb bxs.....	\$ 00 4 55
" 50-lb bxs.....	\$ 00 4 65
Branded Yellows.....	\$ 15 3 70
Molasses (Barbados).....	\$ 24 0 25
do brls. & 1/2s.....	\$ 20 0 20 1/2
Evaporated Apples.....	\$ 06 0 07
Nuts:	
Sultanas.....	\$ 00 9 12
Loose Musc. Malaga.....	\$ 00 9 80
Layers, London.....	\$ 00 1 50
Con. Cluster.....	\$ 00 2 00
Extra Dessert.....	\$ 00 2 75
Royal Buckingham.....	\$ 00 3 25
Valencia.....	\$ 07 0 08 1/2
" Selected.....	\$ 00 0 00
" Layers.....	\$ 00 0 00
Currents, Provincials.....	\$ 00 0 00
Philtras.....	\$ 00 0 03 1/2
Patras.....	\$ 00 0 00
Voctissas.....	\$ 06 0 06 1/2
Prunes, Cal.....	\$ 04 0 07 1/2
do French.....	\$ 04 0 05
Figs in bags.....	\$ 08 0 00
" new layers.....	\$ 10 0 17
Rice, C. C.	\$ 22 1/2 2 22 1/2
" standard B.....	\$ 2 2 2 02 1/2
" Patna.....	\$ 25 4 75
" Burmah.....	\$ 4 00 4 10
" Crystal Japan.....	\$ 5 50 6 00
" Carolina.....	\$ 3 00 3 07 1/2
Pot Barley, bag 36 lbs.....	\$ 00 2 00
Pearl.....	\$ 03 0 00
Topioca, Pearl.....	\$ 02 0 00
" Flak.....	\$ 02 1/2 0 00
Corn, 2 lb. tins.....	\$ 03 1 00
Peas, 2 lb. tins.....	\$ 00 1 00
Salmon, 4 doz. cans.....	\$ 00 5 00
Tomatoes, 1/2 doz. per doz.....	\$ 1 50 1 75
Sprng Beans.....	\$ 00 0 06

high esteem as manufacturers of the best quality of chains that even the proprietor himself is personally adverse to newspaper references regarding the unique success which has characterized the firm since its inception in 1879. We take the liberty, however, of telling "just why" the Renold cycle chains are acknowledged as holding first place wherever introduced. Mr. Hans Renold is a Swiss by birth, and has been proven to possess that matchless care in the details of manufacture which is so notable a feature of his people. Living in England for over thirty years, Mr. Renold has acquired that business training which can be best secured in the land of his adoption. Combine the two and you have the base for perfection in any chosen task.

To speak of the Renold chain where it is known is but to repeat the expressions of thousands who have used them. To speak of these chains where they have not been severely tested would, perhaps, seem like a "newspaper puff," so we will content ourselves with reproducing a few of the notices voluntarily given these chains at the time of the National Cycle and Motor Show held at the Crystal Palace, London, Eng., in November, 1902:

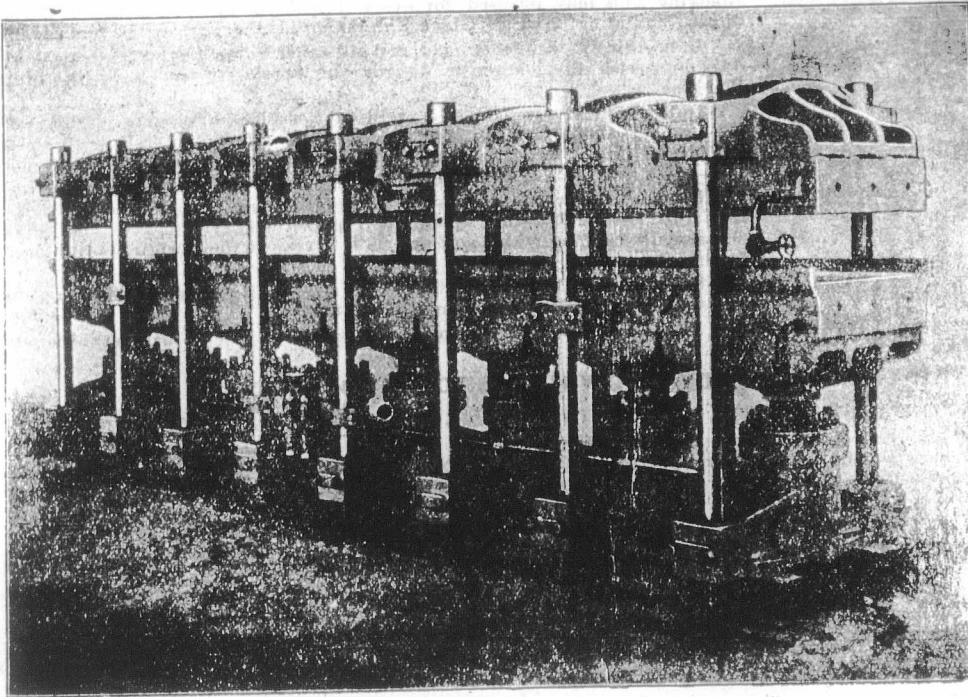
From the Irish Wheelman, Dublin.—Phenomenal improvements have been made in the details of bicycle construction within recent times, so that the chain is now far nearer to perfection than anyone could have deemed possible a few short years ago. Amongst the firms mainly responsible for this highest place. As long as we have known of chain-driving Hans Renold was a name to conjure with, just as it is to-day, and we have never been without one or more machines fitted with chains bearing his trade mark.

MONTREAL WHOLESALE PRICES CURRENT.
FRIDAY, JAN. 9, 1903.

Name of Article.	Wholesale
Hardware.	
Antimony.....	\$ 0 09 1/2 10
7 lbs. Block, L & F, 3/4 lb.....	\$ 00 0 81
" Straits.....	\$ 00 0 78
" Strip.....	\$ 00 0 82
Copper: Ingot.....	\$ 00 0 80
CUT NAIL SCHEDULE.	
Base Price, per Keg, car lots.....	\$ 2 48 0 00
Less quantity.....	\$ 2 45 0 00
Extras—Over and above 30d., 40d., 50d., 60d and 70d Nails.....	
Cut and Fence Nails—	
16 and 30d Hot Cut, per 100 lbs.....	\$ 0 06 0 00
10 and 12d ".....	\$ 0 10 0 00
1 and 2d ".....	\$ 0 15 0 00
1 and 7d ".....	\$ 0 30 0 00
1 and 5d ".....	\$ 0 40 0 00
3d ".....	\$ 0 65 0 00
3d ".....	\$ 1 00 0 00
Cut spikes 10c, per Keg ad- vances.....	
Fine blued nails—	
3d per 100 lbs.....	\$ 1 00 0 00
3d ".....	\$ 1 50 0 00
Casing, Box, Tobacco Box and Flooring Nails—	
30 to 30d per 100 lbs.....	\$ 0 55 0 00
10 to 16d ".....	\$ 0 60 0 00
1 and 9d ".....	\$ 0 65 0 00
1 and 7d ".....	\$ 0 70 0 00
1 1/2 and 5d ".....	\$ 0 85 0 00
3d ".....	\$ 1 20 0 00
3d ".....	\$ 1 50 0 00
Finishing nails—	
1/2 inch and longer per 100 lbs.....	\$ 0 60 0 00
3/4 and 2 1/2 inch.....	\$ 0 65 0 00
1 and 2 1/2 ".....	\$ 0 70 0 00
1 1/2 and 1 1/2 ".....	\$ 0 85 0 00
1 1/2 ".....	\$ 1 20 0 00
1 ".....	\$ 1 50 0 00
Hating nails—	
1/2 and 1 1/2 inch per 100 lbs.....	\$ 0 95 0 00
1 1/2 ".....	\$ 1 20 0 00
1 ".....	\$ 1 50 0 00
Common barrel nails—	
1/2 inch per 100 lbs.....	\$ 1 00 0 00
1 ".....	\$ 1 00 0 00
1 1/2 ".....	\$ 1 25 0 00
1 ".....	\$ 1 50 0 00
Clinch nails—	
1 inch and longer per 100 lbs.....	\$ 0 60 0 00
3/4 and 2 1/2 inch.....	\$ 0 65 0 00
1 and 2 1/2 inch.....	\$ 0 70 0 00
1 1/2 and 1 1/2 ".....	\$ 0 85 0 00
1 1/2 ".....	\$ 1 20 0 00
1 ".....	\$ 1 50 0 00
Sharp and flat pressed nails	
1 inch and longer per 100 lbs.....	\$ 1 25 0 00
3/4 and 2 1/2 inch.....	\$ 1 50 0 00
1 and 2 1/2 ".....	\$ 1 65 0 00
1 1/2 and 1 1/2 ".....	\$ 1 85 0 00
1 1/2 ".....	\$ 2 50 0 00
1 ".....	\$ 3 00 0 00
1 ".....	\$ 0 11 1/2 0 00
" 5.....	\$ 0 10 0 00
" 4.....	\$ 0 08 0 00
" 3.....	\$ 0 08 0 00
" 2.....	\$ 0 07 0 00
" 1.....	\$ 0 07 0 00
5-16.....	\$ 5 00 0 00
3/8.....	\$ 4 30 0 00
7-16.....	\$ 4 00 0 00

S,
D,
ies,
oring
Valve
ctors,
Me-
CURRENT
Wholesale.
\$ c. \$ c.
1 75 2 50
1 50 1 75
0 70 1 00
0 07 0 07 1/2
0 09 0 12
50 01 55 00
0 24 0 30
1 00 1 25
5 00 5 25
2 75 3 00
0 00 14 00
6 00 6 50
5 75 6 00
0 00 6 00
4 75 5 00
5 00 5 25
0 00 14 00
0 00 0 00
0 00 0 00
0 04 0 00
0 05 0 00
4 75 5 00
1 10 1 15
0 00 4 20
0 00 3 90
0 00 4 20
0 00 3 90
4 00 4 10
3 65 3 80
1 75 1 85
4 50 4 00
4 25 4 35
1 50 1 55
00 00 18 00
00 00 20 00
00 00 20 00
0 11 0 33
0 20 0 21
0 19 0 20
0 00 0 00
0 17 0 17 1/2
0 14 0 16
0 17 0 28

IDDON BROTHERS



INDIA RUBBER ENGINEERS.

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

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

SPECIALITIES: All kinds of Rubber Machinery.

SPECIAL NOTE: Buyers of Rubber Machinery, have 33 1/2 p.c. in their favor by purchasing from the Makers and Inventors in England under the new Canadian Preferential Tariff.

MONTREAL WHOLESALE PRICES CURRENT
FRIDAY, JAN. 9, 1903.

Name of Article.	Wholesale.	
	\$	c
Hardware.—Con.		
<i>Coil Chain</i> —No. 1/4	3 85	4 00
9-16	3 75	3 85
1/2	3 45	3 75
3/4	3 75	3 80
1 in.	3 60	3 55
<i>Galvanized Staples</i> —	3 00	0 00
100 lb. box, 1 1/2 to 1 3/4	2 50	0 00
Bright, 1 1/2 to 1 3/4		
<i>Galvanized Iron:</i>		
Queen's Head, } gauge 28	4 40	4 85
or equal, } gauge 28	4 18	4 85
Comet do 28 gauge		
<i>Iron Horse Shoes:</i>		
No. 2 and larger	0 00	3 35
No. 1 and smaller	0 00	3 35
<i>Bar Iron, per 100 lbs.</i>	0 00	2 00
Car lots	0 00	0 00
Norway, base	0 00	4 00
Am. Sh. St'l, 6 ft. x 2 1/2 ft., 18	0 00	3 30
" " " 24	0 00	3 30
" " " 28	0 00	3 35
" " " 32	0 00	3 40
" " " 36	0 00	3 50
" " " 38	0 00	3 50
Boiler plates, Iron, 1/2 in.	0 00	2 15
" " " 3-16 in.	0 00	2 15
<i>Hoop Iron, base for 2 in. and larger.</i>	0 00	2 90
<i>Band Canadian, 1 to 6 in. 30c; over base of ordinary iron, smaller size Extras.</i>		
<i>Canada Plates:</i>		
Full Polish	2 75	
Ord. 52 sheets	2 65	
" 80 do	2 70	
" 75 do	2 75	
<i>Black Iron pipe:</i> 1/2 in.	2 25	
3/4 in.	2 45	
1 in.	3 40	
1 1/4 in.	4 80	
1 3/4 in.	6 80	
2 in.	8 30	
2 1/2 in.	11 60	
<i>per 100 ft. nett.</i>		
Steel, cast p. lb., Blk Diam'd	0 08	base
" Spring, 100 lbs	3 00	0 00
" Tire, "	2 25	base
" Sleigh shoe, 100 lbs.	2 20	base
" Toe Calk	2 90	
" Machinery	2 75	base
" Harrow Tooth	2 50	
<i>Iron Plates:</i>		
10 Oaks, 14 x 30	4 25	
10 Charcoal, 14 x 30	4 50	
10 Charcoal	5 50	
10 "	6 50	

During the season now drawing to a close we were more than ever struck with the behaviour of Renold chains, for we can recall few summers when mud and slop have displayed more persistently their hated presence. It is weather such as this which really tests a chain, and hence we have nothing but admiration for the way in which our Renold chains have continued to run true and sweet in all states of the season, fair and foul. No better have ever travelled over two sprockets.

From the Irish Wheelman, Dublin, Nov. 26, 1902.—Hans Henold, Manchester (Stand No. 147.—The famous chain-making firm has a full line of its specialties on view, in roller and block chains, motor chains, cutter, gauges, and tools generally for the chain departments of the cycle and motor trades. In the roller chains the links are made of a specially strong and tough steel, which allows of no elongation. The rollers are drilled and hardened from the solid steel, and hardened. The bushes are drilled and turned from solid steel, have perfectly smooth unroed holes, and are hardened and forced into the side plates, making them absolutely immovable. The studs are hardened throughout, the ends being cup-shape; they are firmly forced into the side-plates, and then rivetted by a special method. The motor roller chains are made on the same principle, and are rapidly winning for themselves as great a name as that which has been secured by the lighter article of the cycle world.

MONTREAL WHOLESALE PRICES CURRENT
FRIDAY, JAN. 9, 1903.

Name of Article.	Wholesale.	
	\$	c
<i>Terne Plate 10, 20x28</i>	7 50	0 00
<i>Russ. Sheet Iron</i>	6 10	0 00
<i>Lion & Crown tin'd sh'ts.</i>		
22 and 24 gauge case lots	0 00	7 75
26 gauge	0 00	7 75
<i>Lead:</i> Pig, per 100 lbs;	3 25	3 35
Sheet,	0 00	0 04 1/2
Shot, 100 lb., less 2 1/2 p.c.	0 00	6 50
Lead Pipe, per 100 lbs.	7 00	0 00
	less 8 1/2 p.c.	
<i>Zinc:</i>		
Spelter, per 100 lbs.	0 00	5 25
Sheet, Zinc "	5 75	6 00
<i>Black Sheet Iron, Per 100 lbs.</i>		
8 to 16 gauge	2 40	0 00
18 to 20 do	2 31	0 00
22 to 24 do	2 25	0 00
26 do	2 40	0 00
28 do	2 45	0 00
<i>Wire:</i>		
Plain galv'd, No. 5	3 70	0 00 1/2
do do No. 6, 7, 8	3 15	0 00
do do No. 9	2 65	0 00
do do No. 10	3 20	0 00
do do No. 11	3 25	0 00
do do No. 12	2 80	0 00
do do No. 13	2 90	0 00
do do No. 14	3 75	0 00
do do No. 15	0 00	0 00
do do No. 16	0 00	0 00
<i>Barbed Wire—</i>		
Spring Wire per 100, 1.25	2 90	f.o.b.
net extra.		
<i>Iron and Steel Wire pl'n</i>		
6 to 9	50	base.
Rope.		
<i>Sisal, base</i>	0 00	
" 7-16 and up	0 11 1/2	
" 5-16	0 12	
" 3-16	0 12	
" 1-16	0 12 1/2	
Manilla, 7-16 & lgr.	0 14	
" 1/2 "	0 14 1/2	
" 5-16 "	0 15	
" 1/2 "	0 15	
" 3-16 "	0 15 1/2	
Lath yarn	0 10 1/2	

The
Support
best on the
NOTE.—E
requested to
MONTREAL
P
New
W
Base Price ca
Less than
2d ex
2d f
3d
4d and 5d
6d and 7d
8d and 9d
10d and 12d
14d and 20d
30d to 60d
Butt
Dry Sheeting
Tarred "
Montreal Gre
No. 1
No. 2
No. 3
Tanners pay
cured & insu
Clips ..
Lambskins e
Calfekins, N
Horsehides ..
No. 1 B. A. S
No. 2 B. A. S
No. 3 B. A. S
Slaughter No
light medi
" No
Harness ..
Upper
Upper, light
Grained Up
Scotch Grain
Kip Skins, F
English
Canada Kip
Hemlock Ca
" Lig
French Calf
Splits, light
" heavy
" small
Leather Boar
Enamelled Co
Pebble Grain
Glove Grain
B. Calf ..
0 11 1/2
Brush (Cow)
Buff ..
Russets, lig
" hes
" No
" Sad
" No
Imt. French
English Oak
Dongola, ext
" No
" ord
Colored Pebl
" Calif

The General Incandescent Co., Ltd.,

Works & Warehouses: ILFORD.

92a Aldersgate Street, LONDON, E.C., Eng.

(SOLD UNDER LICENSE FROM THE WELSBACH COMPANY.)

PRICE LIST.

1. G.I.C. Best Quality High Candle Power Mantle - - - - - 4/6 doz.
2. G.I.C. Silk Mantle - - - - - 5/- "
3. G.I.C. Special Double Woven Mantle, Double Strength, very popular, specially recommended - - - - - 6/- "
4. G.I.C. Extra Long High-Pressure Mantle, suitable for all High-Pressure Burners - - - - - 7/6 "
5. G.I.C. Gem Mantle - - - - - 4/6 "
6. G.I.C. Mantle for No. 4 Kern Burner - - - - - 6/- "

Mantles Made to Customers Specifications at Lowest Prices.

Support British Capital and Industry. Without fear of contradiction we can HONESTLY state that our G.I.C. Mantles are the best on the market, which statement is borne out by Gas Companies, Street Lighting Authorities, Corporations, and leading Traders. NOTE.—Every Genuine G.I.C. Mantle bears the Company's Trade Mark **G.I.C.** plainly stamped on the Mantle, and customers are requested to see that the Mantle contained in each box is so stamped.

Special prices to Canadians under the New Tariff, 33 1/2 p.c., in favour of Canadians.

MONTREAL WHOLESALE PRICES CURRENT.

FRIDAY, JAN. 9, 1903.

Name of Article.		Wholesale.	
Wire Nails.			
Base Price carload.....		\$ 2 40	¢ 00
Less than ".....		2 45	00
2d extra.....		1 00	00
2d f.....		1 00	00
3d.....		85	00
4d and 5d.....		40	00
6d and 7d.....		30	00
8d and 9d.....		15	00
10d and 12d.....		10	00
16d and 20d.....		05	00
30d to 60d.....		Base	
Building Paper.			
Dry Sheeted (roll).....		0 35	0 00
Tarred ".....		0 45	0 00
Hides.			
Montreal Green Hides			
No. 1.....		0 08	0 00
No. 2.....		0 07	0 00
No. 3.....		0 06	0 00
Tanners pay \$1 extra for sorted cured & inspect'd Sheepskins.....		0 00	0 00
Clips.....		0 00	0 00
Lambskins each.....		0 00	0 75
Calfskins, No. 1.....		0 00	0 10
" No. 2.....		0 00	0 8
Horsehides.....		1 50	2 00
Leather.			
No. 1 B. A. Sole.....		0 27	0 20
No. 2 B. A. Sole.....		0 26	0 26
No. 3 B. A. Spanish Sole.....		0 24	0 25
Slaughter, No. 1.....		0 28	0 29
light medium & heavy.....		0 28	0 29
" No. 2.....		0 26	0 27
Harness.....		0 26	0 32
Upper, heavy.....		0 34	0 36
Upper, light.....		0 35	0 37
Grained Upper.....		0 34	0 35
Scotch Grain.....		0 35	0 38
Kip Skins, French.....		0 60	0 65
English.....		0 45	0 55
Canada Kip.....		0 50	0 60
Hemlock Calf.....		0 50	0 70
Light.....		0 50	0 60
French Calf.....		0 85	1 10
Splits, light and medium.....		0 22	0 25
heavy.....		0 17	0 20
small.....		0 18	0 20
Leather Board, Canada.....		0 06	0 10
Enameled Cow, per ft.....		0 16	0 18
Pebble Grain.....		0 12	0 14
Glove Grain.....		0 12	0 13
B. Calf.....		0 15	0 20
Brush (Cow) Kid.....		0 11	0 12
Buff.....		0 13	0 16
Russetts, light.....		0 35	0 40
heavy.....		0 26	0 30
No. 2.....		0 35	0 40
Saddlers' doz.....		7 50	9 00
Int. French Calf.....		0 66	0 75
English Oak lb.....		0 30	0 35
Dongola, extra.....		0 32	0 42
No. 1.....		0 30	0 22
ordinary.....		0 14	0 16
Colored Pebbles.....		0 18	0 16
Calf.....		0 15	0 20

From the Irish Cyclist, Dublin, Nov. 20, 1902.—Hans Renold, Brook Street, Manchester.—Despite the parlous condition of the chain trade, Mr. Renold is preparing for a greatly increased business next season, just as in 1902 he anticipated and experienced a bigger demand than in the previous year.

There may be other reasons for his success, but we think the most important depends on the scientific accuracy with which he selects his materials, and the scrupulous care with which every detail is carried out. The ordinary cyclist who has not visited Mr. Renold's model factory in Manchester cannot fully appreciate the extreme skill and accuracy employed; but at the show a tolerable idea of the work could be formed by closely examining the links and component parts, and he could see for himself the various sections being fitted together, and every rivet, plate and bush looked so perfectly finished in itself that he could understand why the complete chains are so sweet running and durable.

The display of chains was highly interesting. From the dainty twin roller, suited for the lightest bicycle, there were many gradations up to the huge chains used for motor cars and large pieces of machinery. Mr. Renold showed some very fine specimens of chains specially designed for motor bicycles. As we remarked before, a specially strong and reliable chain is needed for such a machine. It may not have to be used frequently, but when it does come into play the strains put upon it are very severe, and we have known of several chains to collapse under it, because they were ordinary bicycle chains, and not suited to the work.

A number of tools intended for chain repairing, etc., were also shown, and the exhibit altogether was excellent. From The Cyclist, Coventry, Nov. 26,

MONTREAL WHOLESALE PRICE CURRENT.

FRIDAY, JAN. 9, 1903.

Name of Article.		Wholesale.	
Oils.			
Cod Oil.....		0 00	0 40
S. R. Pale Seal.....		0 00	0 55
Straw Seal.....		0 45	0 50
Cod Liver Oil, Nfd. Norw.....		1 60	1 80
Process.....		2 00	2 25
Castor Oil.....		0 08	0 09
Castor Oil bris.....		0 07	0 08
Lard Oil, Extra.....		0 90	1 00
".....		0 75	0 85
Linseed, raw, nett.....		0 82	0 63
" boiled, nett.....		0 55	0 66
Olive, pure.....		1 05	1 15
Extra, qt., per case.....		0 00	3 70
Turpentine, nett.....		0 78	0 80
Petroleum.			
Benzine.....		0 22	0 30
Glass.			
United inches, 00 to 25.....		2 00	2 10
do 26 to 40.....		2 10	2 20
do 41 to 50.....		4 50	4 70
do 51 to 60.....		4 75	4 95
Paints, &c.			
Lead pure 50 to 100 lb. kgs.....		5 00	5 25
do No. 1.....		4 62 1/2	4 87 1/2
do No. 2.....		4 25	4 50
do No. 3.....		4 37 1/2	4 62 1/2
do No. 4.....		4 37 1/2	4 62 1/2
White Lead dry.....		5 50	5 50
Red Lead.....		5 00	5 50
Venetian Red Eng'h.....		1 75	2 00
Yel. Ochre, French.....		1 50	3 25
Whiting, ordinary.....		0 45	0 50
do Gildese.....		0 60	0 70
do Paris, do.....		0 86	1 00
English Cement, cask.....		2 15	2 25
Belgian do.....		1 65	1 90
German do.....		2 25	2 45
American do.....		2 00	2 40
Fire Bricks per 1000.....		16 00	22 00
Fire Clay.....		1 50	1 75
Rosin.....		2 75	5 50
Glue.			
Domestic Broken Sheet.....		0 13	0 15
French Casks.....		0 14 1/2	0 15
do bris.....		0 00	0 14
American White, bris.....		0 16	0 20
Ocoovers' Glue.....		0 27	0 26
Brunswick Green.....		0 04	0 10
French Imperial Green.....		0 12	0 16
No. 1 Furnit's Varn'h. pr. gl.....		0 65	0 70
a do do.....		0 75	1 00
Brown Japan.....		0 60	0 75
Black Japan.....		0 50	0 75
Orange Shellac, No. 1.....		2 00	2 25
do do Pure.....		2 25	2 75
White do.....		2 75	3 00
Putty Bulk 100 lb. brl.....		0 00	2 00
Paralgreen in drum 1 lb pk.....		0 18 1/2	0 19 1/2
Kalsomine, 5 lb pkgs.....		0 00	0 08 1/2
Wool.			
Canadian Washed.....		0 80	0 15
North West.....		0 90	0 00
Unwashed.....		0 08	0 00
B. A. Scoured.....		0 35	0 37
Natal.....		0 00	0 00
Cape, greasy.....		0 17 1/2	0 18 1/2
Australian greasy.....		0 00	0 00 1/2

Telegrams: "ICERIMUS," London; "ICICLE," Durban. Codes in use: A1 & A.B.C.

Refrigerating & Ice Making Machinery.

THE "ENOCK" PATENT SAFETY COMPRESSOR is the Simplest, most Economical and most Modern Machine for Ice-Making, Cooling, Freezing, and Cold Storage Works.

Manufactured by us at our Works, Queen Square, W.C., Eng., and guaranteed to be of the Highest Excellency in Design Material and Workmanship. We carry out Cold Storage work in any part of the world.

We Undertake the Following in any part of the World:

To advise and report upon Cold Storage Projects. To survey sites of proposed works with Piers, Jetties and Sidings. To design and supervise the installation of Freezing and Cold Storage Works. To supply complete equipments, including Steam Boilers, Engines, Compressors, Electric Plant, &c., &c.

ARTHUR G. ENOCK & CO., REFRIGERATING ENGINEERS,

407 to 409 Birkbeck Bank Chambers, Southampton Buildings, Holborn, London, W.C., Eng.

And Hampsons Buildings, (Box 471), DURBAN, SOUTH AFRICA

JOZANNESBURG, BOX 5463.

(Cuts will be inserted as soon as received.)

1902.—Stand 147—Hans Renold, 3 Brook Street, Manchester. The premier chain maker has as usual a full range of samples of his well-known automobile, cycle, and motor cycle chains. In the last category, we have a new introduction for chain-driven motor cycles, in the form of a specially-made $\frac{5}{8}$ -in. pitch single roller chain, with rollers 4-in. in diameter and $\frac{1}{4}$ -in. wide. The breaking strain of this chain is stated to be 3,000 lbs., and the chain must have a longer wearing life from the larger wearing surfaces afforded. Beyond this, nothing fresh is found in detail, but it is unnecessary for us to state that the quality of the article shown is as it always has been—the best.

From The Scottish Cyclist, Nov. 26, 1902.—Hans Renold, Manchester.—Hans Renold's exhibit might well be described as "multum in parvo," for though small in extent it has enough in it to occupy the visitor for hours. All that driving chains can do, or have done, has been, or is being, done by these famous goods. They are the world's standard in their line, and are the high-water mark in flexible transmission of power. Wheel gauges and cutters are also shown.

From Bicycling News, Birmingham.—Hans Renold, Manchester.—Stand 147.—It is hard to sing the praises of a good thing over and over again, and we confess that we find it hard to add additional eulogiums to those already bestowed on these deservedly popular chains—the Hans Renold. Specimens of roller and block chains are shown, with others for balancing machine parts, textile machinery, power lifting, and for use in the larger spheres of engineering. The sizes and finish of all the cycle chains are the same as before, but, nevertheless, the firm are always striving to get nearer perfection. A specimen of special motor cycle chain is shown, having a breaking load of 3,000 lbs., with a larger wearing surfaces than the cycle chain, and therefore longer life. The pitch is $\frac{5}{8}$ -in., and the inside width $\frac{1}{4}$ -in.

Telegraphic Address: "EXTINCTUM, London."

Sinclair & Co's.

"COMET"
INDUSTRIAL
LAMP.



Is Self Cleansing. No Carbon Deposit. Has Expanding and Contracting Nipple, so as to burn any Petroleum Oil.

The Leading Lamp in Gt. Britain.

Price, £3. 8. 0. to £15. 10. 0. F.O.B.

19 Eldon St., - LONDON, E.C., England.

ESTABLISHED 1773.

HOLMES & CO.,

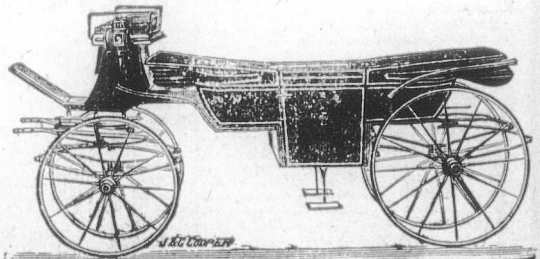
Derby, and 37 Margaret St.,
LONDON, W., Eng.

Appointed Coach Makers to
H.I.M. Queen Victoria in 1849,
H.I.M. King Edward VII, in
1902.

BUILDERS OF

State and Private Carriages,
Omnibuses, Tram Cars and Motor Cars.

Contractors to the War Office for Ambulances and Wagons.



MAKERS OF HARNESS & SADDLERY.

Steel
Grou
Pate
for preven
Spec

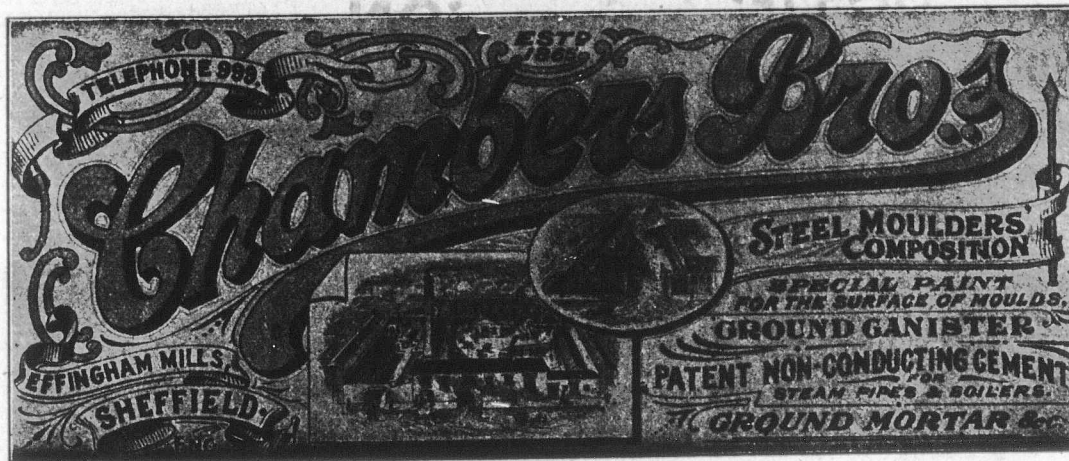
JAM

This well-
specialty fir
able distinc
through the
their patent
uses. With
ence, and be
man frame,

delicate net
etc., are con
the heating
which restor
after the sa
took hold.
to even the

Ech

S
Ground a

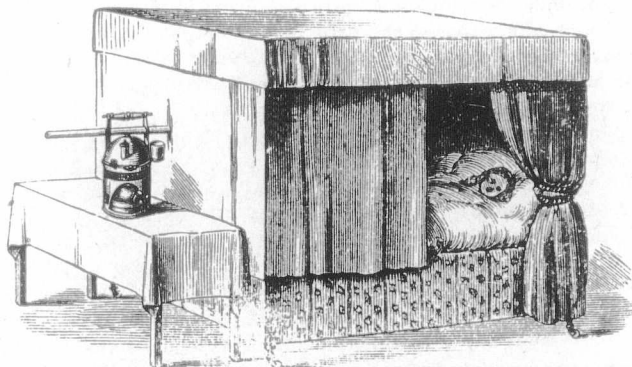


Steel Moulders' Composition for Castings of every description.
Ground Ganister for Cupolas, Bessemers, Crucible Steel Melting Holes, etc.
Patent Non-Conducting Cement for Steam Pipes and Boilers superior to Felt and Composition s
for preventing the radiation of Heat, Saving Fuel, etc.
Special Terms to Canadians under the New Preferential Tariff.

JAMES ALLEN & SON.

This well-known London, England, specialty firm have achieved considerable distinction abroad of late years, through the acknowledged merits of their patent appliances for invalids' uses. With the advancement of science, and better knowledge of the human frame, with its complicated and

lowing of drugs, or carving with knives, which have been so much resorted to from early times. Under the new Canadian tariff English manufactures are permitted to enter Canada at a discount of 33 1-3 per cent. off the regular tariff, and many of the more enterprising English manufacturers are taking advantage by advertising and



delicate network of nerves, muscles, etc., are coming into more general use the heating and vaporizing appliances which restore, strengthen and cure after the same manner as disease first took hold. This seems more natural to even the uninitiated than the swal-

lowing of drugs, or carving with knives, which have been so much resorted to from early times.

James Allen & Son's Portable Turkish Bath.

The above illustrates this firm's apparatus as applied to the bed, for giving a hot-air and vapor bath; or, by

removing the boiler, hot-air only. Full directions sent with each bath. Testimonials.—Dr. George Harley, M.D., F.R.S., in his work on the "Urine," says—"One of the easiest of these in application is Allen's Portable Turkish Bath. It can be used by a patient lying in bed as here represented, or what is still more convenient (when the patient is strong enough), while in a sitting position. Thus, for example, the bath is put (with its disperser on), under a kitchen chair or stool, on which should be placed two or three folds of flannel. The whole person, except the head, is then enveloped in a cloak or packed in a blanket, having the ends on the ground, to prevent escape of heat. The feet being placed on a foot-stool, with a pan of hot water or not, according to inclination, and the bath may be taken in this way from fifteen to forty minutes."

Dr. Wood writes—"Dr. Wood was very much pleased with the hot-air and vapor bath he got from Messrs. Allen. He never had one that acted so quickly and efficiently. He got one a short time before, which, after laborious trial would not produce sweating, but only an uncomfortable dry state of the

Eclectic Steel Co., Limited,

Princess Street Works,
SHEFFIELD, Eng.

MANUFACTURERS OF

CRUCIBLE CAST STEEL

FOR ALL PURPOSES.

Special Miners Drill Steel
Ground and Polished Steel for Shafting.

SPECIAL NOTE.—This Special Steel is manufactured for the Canadian Market, under the new preferential tariff, 33 1/3 per cent. in favour of the English makers.

ERY.

'The Ashleigh'
Registered.

PARTNERS { W.M. EVANS.
W.M. EVANS, JUN'R.

WILLIAM EVANS,

Wholesale
High
Class

...Boot and Shoe Manufacturer...

ASHLEIGH SHOE WORKS,
Brunswick Street.

LEICESTER, - England.



Special prices to Canadians under the New
Preferential Tariff.

skin. Dr. Wood had a severe trial case to use Messrs. Allen & Son's. It was the use of your bath, the patients can breathe pure air uncontaminated by the foetid humors pouring forth from the seven millions of pores in your neighbor's skin as he sits by your side in the ordinary Turkish or Russian bath. Besides there is no risk from over expansion of the pulmonary tissues of the lungs; as when people are compelled to breathe a heated atmosphere; nor risk from rupture of the delicate blood-vessels of the brain. There are many other advantages which tend to make me, and not only myself, but all other professional men who have tried them, strong advocates for their use, in place of all other kinds of Turkish, Russian or herbal baths."

Sutton Waldron, May 20, 1872. Messrs. Allen.—I bought last year one of your excellent steam apparatus. Unfortunately I have mislaid the paper of directions, I therefore beg the favor of your enclosing a copy of the directions for use, and oblige, A. Huxtable.

34 James street, London, W., August 9, 1862.—Sirs,—I beg to say I was set fast in my limbs through a severe attack of rheumatism, but by the use of your apparatus. I soon obtained relief. I think if the public were aware of such an excellent remedy, they would avail themselves of the use of it. Yours respectfully, G. Rudd.

Bridport Harbor, Oct. 22, 1869.—Sirs,—Having had a bath from you about five years since, which was beneficial to the party who used it, caused me to recommend them to others.

Mr. Gunday, of the Hyde, had mine for a short time, and since procured one from you.

The last circular I had I have given to Mr. Rawlins, of Beaminster, who I expect will send to you for a bath. Yours, William Swain.

From Dr. Chowry-Muthu, Mortimer House, Ilford, June 14, 1892.—Dear Sir,—I am very much satisfied with the portable vapor and hot-air bath. I have

recommended it to five or six patients of mine, who have found great benefit from it.—C. M.

From Geo. Reynolds, general printer, 23 Stepney Green, E.—Dear Sir,—I cannot but look upon the use of the copper bath as providential. My son was seized with a most violent attack of peritonitis; I gave him some antispasmodic tea, produced emesis, and set the bath going, and after using an enema, I put him into the bath with the hot-air only, and removed the pain. The bath far exceeded my expectations. The pains returned with greater violence; I gave him the combined hot-air and vapor, and succeeded in removing the pain, after which he went off into a sleep for some hours and is much better. George Reynolds.

From Miss C. Rilot, Hedderwick Hill, Dunbar, N.B., Aug. 28, 1899.—I have used your bath regularly for over a year, and found great relief from so doing. I have suffered greatly from rheumatism.

From W. Paterson Smith, Wick Oct. 21, 1892.—Dear Sir,—I have not only no complaint to make, but I am exceedingly well satisfied with all you have sent me, including the wear of the cloak. W. Paterson Smith.

From C. Gordon Stuart, Vancouver, B.C., Feb. 3, 1898.—Dear Sirs,—I have been using the portable Turkish bath I bought of you a few years ago, with entire comfort and satisfaction. C. Gordon Stuart.

From Mrs. Charlton, Rawling's Hotel, Jermyn street, S.W.—Mrs. Charlton encloses cheque for Turkish bath. She is very pleased with the apparatus, which works admirably.

From Mrs. Chew, Pell Wall, Market Drayton.—Mrs. Chew purchased from Messrs. Allen & Son, some years ago, one of their portable Turkish baths, and it has been most valuable to her. She would like to have another.

Address James Allen & Son, 21 and 23 Marylebone Lane, Oxford Street, London, W., England.



The

"KITLNEY"

The world something to are joined to better to pu compounds have been fo since Noah's isfaction ha wanting.

The nam brought to an adhesive to be the s ture cement away, it is

Works

Photo

Comple
Price
List,
800
Pages
Post
Free.

GE

88 & 89

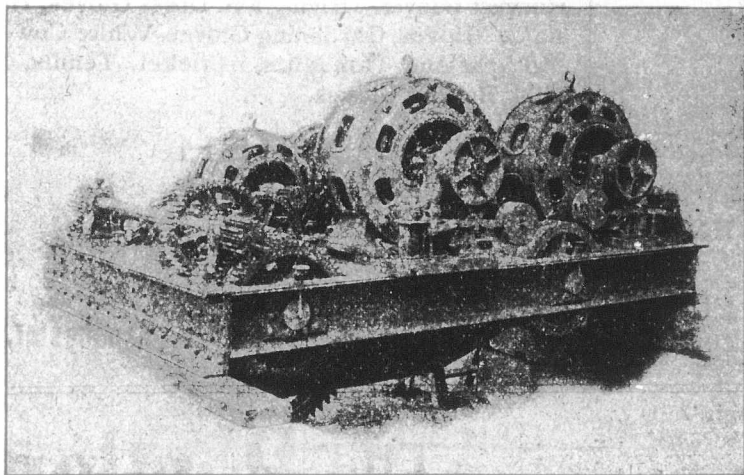
Special

Telegrams: "CLUNCH, LONDON."

The International Electrical Engineering Company,

Clun House, Surrey Street, Strand, LONDON, W.C., Eng.

Manufacturers of
**Electric Lighting Trac-
tion and Power
Transmission Plant.**



Continuous Current Dynamos and Motors, Single and Multiphase Alternators and Motors, Transformers, Motor-Generators, Balancers, Boosters, Motor Controllers and Switchboards, Electric Cranes, Overhead Travellers, Hoists, Electric Mining Machinery, Haulers, Pumps, Complete Equipments for Tramways and Railways, Arc Lamps, Open or Enclosed, High Quality Arc Lamp, Carbons, &c., &c. Send for Price Lists.

Special prices to Canadians under the New Tariff.

"KITLENE" ADHESIVE COMPOUND.

The world has long been looking for something that will stick. While many are joined together whom it would be better to pull asunder, and while many compounds for sticking things together have been forced upon the market ever since Noah built the Ark, genuine satisfaction has, as a rule, been found wanting.

The name "Kitlene" has been brought to our notice as referring to an adhesive compound which is said to be the strongest leather or furniture cement in the world. Kitlene does away, it is claimed, with all stitching

and lacing, sticks greasy leather completely, and is, in short, a complete, simple and durable cure for the chief ills that leather and furniture are heirs to. Goods of English manufacture are now admitted into Canada at a reduction of one-third off the regular tariff, so that intending purchasers may not hesitate regarding ordering such goods for fear of a heavy duty.

Kitlene Syndicate, Limited, Wardrobe Chambers, 146a Queen Victoria Street, London, E.C.—We have the permission of Messrs. J. E. Spagnoletti & Co., Goldhawk Works, Goldhawk Road, London, W., to state the result of their experi-

ence with Kitlene. The whole of the machinery at their works is driven from an electric motor on to the shafting. The centres are 8 feet apart, the large pulley being 4 feet, and the small one on the motor 7 inches in diameter. This is a severe test as the joint must be occasionally entirely round the small pulley. This has been running for some time. There is no stitching or rivetting of the belt whatever, the joint being held entirely by Kitlene.

"Kitlene," (registered), the strongest adhesive compound for leather belting, leather bands, leather bags, book-binding, and all kinds of leather work. It is specially adapted and prepared for cementing joints in leather driving belts with the following advantages:—

Kitlene will make an absolutely secure pliable joint in 15 minutes.

Kitlene requires no belt fasteners or stitching of any kind.

Kitlene does not weaken the belting by holes and slits.

Kitlene does not injure the belting in any way.

Kitlene will cement old greasy leather belting as well as new ones, without any special preparation.

Kitlene is heat and damp proof, and absolutely unaffected by variations of temperature.

Kitlene ensures the smooth running of the belt on pulleys, with increase of power and longer life.

Kitlene is the simplest and cheapest adhesive compound ever offered on the market for cementing leather.

Kitlene will make 75 to 100 average joints with about one pound weight.

Directions for use on leather belting.

1. Cut the belt to the required length leaving a lap equal to the width in broad belts, and double the width in narrow belts.

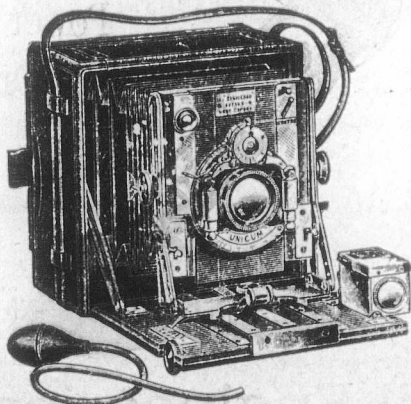
Works: TOOTING.

Cable Address: "BROMIDE, London."

Photographic Apparatus & Materials

WHOLESALE AND EXPORT.

Complete
Price
List,
800
Pages,
Post
Free.



Plates
Papers
Chemicals
Cameras
Mounts
Albums
and all
Sundries.

GEORGE HOUGHTON & SON,

Manufacturers and Dealers

88 & 89 High Holborn, London, W.C., England.

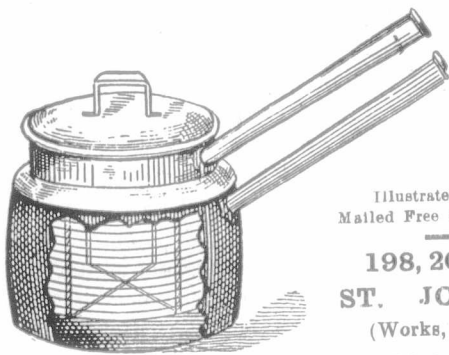
Special prices to Canadians under the New Preferential Tariff. F.O.B. London, Eng.

S. RAMSAY & CO.,

Telegraphic: "Methodical, London."

Manufacturers of BIRD CAGES of every description, SIEVES, SCREENS, &c.

Aviaries, Parrot Cages, Fireguards, Nursery Fenders,



Illustrated Catalogue Mailed Free on Application.

198, 200, 202a ST. JOHN ST., (Works, Cyrus St.) LONDON, E.C., ENG.

33 1/3 in favour of Canadians, under the New Tariff.

JAMES NORTH & SONS,

Chamois and Gloves

...AND... Athletic Goods Manufacturers.

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

CASH BAGS,

DRESSERS AND MANUFACTURERS.

Godley Mills, and Tower Street Works,

HYDE Manchester, Eng

2. Scarf or chamfer the ends to a feather edge in opposite ways for the whole length of lap.

3. Warm the Kitlene in an ordinary glue pot or in a pot with water round it.

4. If the Kitlene be too thick add the smallest quantity of water necessary to thin it. The Kitlene should be used more diluted for thin than for thick leather.

5. When melted apply hot to both chamfered surfaces by means of a wooden spatula or flat stick.

6. Press out the superfluous cement with a smooth hammer face or similar tool.

7. Press the joint thus made in a hot press or between two pieces of hot wood with an ordinary clamp or in a vice.

8. After pressing remove the clamp and let the joint cool for 15 minutes, then trim and clean up, and the belt is ready for use.

9. Should the belt be required to run in water, smear the joint with a coating of tallow.

10. Should it be required to remake a joint, lift the feather edge carefully with a chisel and strip the joint.

11. To re-joint same, clean the surfaces by scraping or planing, then rough them, and proceed as above.

12. Care should be taken to make the joint as even as possible to ensure equal strain on the belt.

Write for price list, etc., to Kitlene Syndicate, Limited, 146a Queen Victoria Street, London, E.C., England.

ARTIFICIAL GEMS.

Coronation ceremonies and many brilliant drawing-room functions have invariably been characterized by a remarkable display of dazzling jewels. It will surprise many to know that a goodly portion of these are artificial gems.

"You see," said a dealer in precious stones, "there is nowadays no particular reason why a peeress should haz-

The Portland

The Best and Most Popular Brand of

Ladies' Fine

Foot Wear.

In Goodyear Welts, Turns and Blake Sewn.

T. Roberts & Sons, Portland Works, LEICESTER, ENG.

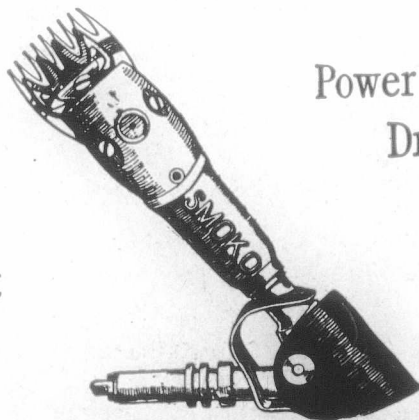
These Shoes are Manufactured for Canadians at 33 1/3 p c. under the new Preferential Tariff.

New Outs will be inserted next week.

LADIES' FINE SHOES Latest Styles, Correct Models, For Ease, Elegance and Wear.

Sheep Shearing Machines

For Power and Hand Driving.



"SMOKO"

Brand are the most Reliable.

Newall Engineering Co.,

LIMITED.

36 Featherstone St.,

LONDON, England.

F
Are used
Engl

HOL

ard the loss
looms by w
doors. And,
the sensatio
perpetrated
at the expen

The I

CAN

Refined Oil

MONTRE

The Q

Branes: O

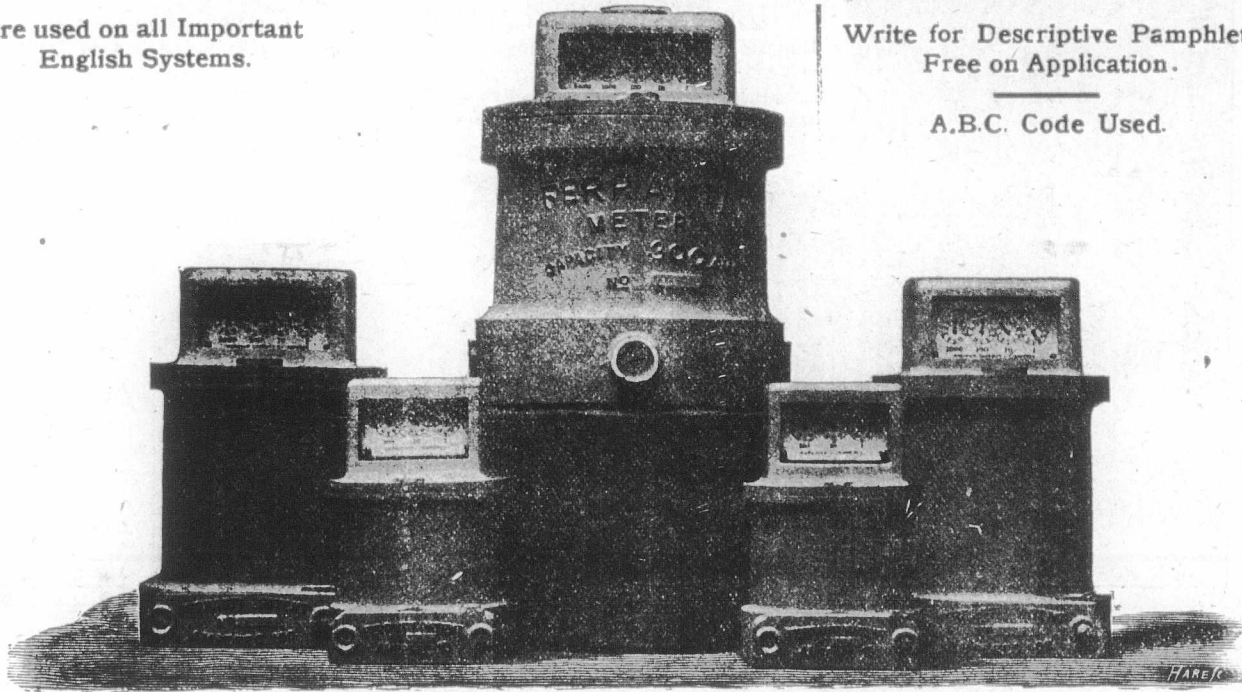
FERRANTI LIMITED

Continuous Current House Service Meters.

Are used on all Important English Systems.

Write for Descriptive Pamphlet, Free on Application.

A.B.C. Code Used.



WORKS AND OFFICES

HOLLINWOOD, - Lancashire, Eng.

ard the loss of priceless family heirlooms by wearing her jewelry out of doors. And, as a matter of fact, since the sensational robbery which was perpetrated in Paris a few years ago at the expense of the Duchess of Suth-

erland, very few of them do. The sham gem looks just as well as the real, and costs infinitely less. Eighteen months ago the "reconstructed" ruby, as it has got to be called, was placed on the market. Properly speak-

ing, this is not an imitation gem, although in a sense it is artificial—that it to say, it is a product of the chemist's laboratory. It is made by fusing small rubies, or fragments of rubies, in an electric furnace and molding the resultant mass under pressure into one perfect whole.

Such stones can hardly be distinguished, even by an expert, from one which is the natural product of the mine. It has all the chemical and physical properties of the real thing. It is as hard, has the same specific gravity, and is as genuinely beautiful in color. In fact, a reconstructed ruby is distinguished not so much by the presence of defects as by the absence of flaws. It is apt to be too perfect.

The same with emeralds. Artificial emeralds are put on the market nowadays that are as brilliant, as flawless and as richly colored as the real stone. These are, however, not made by fusing small genuine gems, as are the rubies, but are manufactured outright by a secret chemical process. The paste is hardened by heat until it will stand the so-called file test—that is, it cannot be scratched by a tempered steel file.

The same paste, by the by, left uncolored, constitutes the basis of all the best imitation diamonds. It all comes from one man, a Parisian dealer, and costs from \$15 to \$25 an ounce, according to the quantity ordered at one time.

OILS.

The IMPERIAL OIL COMPANY, Ltd.

—REFINERS AND MANUFACTURERS OF—

CANADIAN PETROLEUM PRODUCTS,

Under New Patent Process

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

Refineries: BARNIA and PETROLIA, Ont.

Branches:

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

—SELLING AGENTS FOR PROVINCE OF ONTARIO—

The QUEEN CITY OIL COMPANY, Limited,

Head Office: TORONTO, Ont.

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

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

Original Inventors, Patentees and Sole Makers of

BARKER'S SELF-LANDING AND DELIVERING HOISTS

The Best Machines in the World for Loading and Unloading Goods.

Makers of all kinds of GAGE HOISTS and LIFTS to work by Hydraulic, Electric, Gas and Steam Power. Many Thousands Supplied. Also of OVER-HEAD TRAVELING and other CRANES. Barker's Patent Self-Closing and Locking Doors for Hoist Well Openings. All kinds of Mill Gearing, Machine-Made Wheels, Shafting, &c.

If Canadians purchase these Cranes in England, they have 33 1/2 p.c. in their favour under the new Preferential Tariff.



Barker's Patent Hoist.

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

OVER 2,000 AT WORK.

Of course, the old-fashioned doublets are still sold. Doublets are made by a process similar to veneering in wood-work. Two exceedingly thin layers of a real stone are cemented over an artificial core. This method is also in vogue for manufacturing artificial sapphires.

It is in imitating pearls, however, that some of the cleverest work is done. A really first-class artificial pearl is now made equal in sheen, color and size to one actually the natural product of the oyster. Practically it is impossible to tell them apart. Even the "ancre," which is the fluid in the shells of the oyster, the deposition of which is responsible for the pearl, has been chemically reproduced. Its composition also is a secret, and it costs about a guinea a pint, put up in hermetically sealed bottles. This is used to coat the artificial gems.

Imitation pearls, I may tell you, are not now blown, as they were a few years back, but are dropped in a

STOCKS AND BONDS—INSURANCE COMPANIES—CANADIAN.—Montreal Quotations Jan. 6 1903.

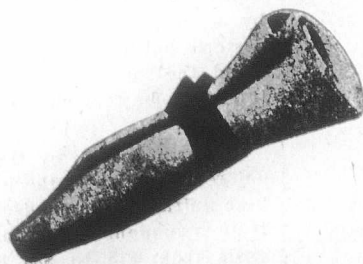
NAME OF COMPANY.	No. Shares.	Last Dividend per year.	Share par value.	Amount paid per Share.	Canada quotations per ct.
British American Fire and Marine.....	15,000	2 1/4-6mos.	350	250	99 1/2
Canada Life.....	2,500	4-6mos.	400	400	160
Confederation Life.....	10,000	7 1/2-6mos.	100	10	.....
Western Assurance.....	25,000	5-6mos.	40	20	95
Guarantee Co. of North America.....	11,372	6	50	50	.....

BRITISH AND FOREIGN.—Quotations on the London Market, Dec. 27, 1902 Market value p. p'd up sh

Alliance Assur.....	250,000	9s. p.s.	20	2 1-5	9 1/2	10 1/4
Atlas.....	24,000	24 p. s.	50	5	26	27
British and Foreign Marine.....	67,000	25	20	4	19	20
Caledonian.....	21,500	12s. p.s.	25	5	5	28 1/4
Commercial U. Fire, Life and Marine.	200,000	27 1/2	50	5	48 1/2	49 1/2
Guardian Fire and Life.....	200,000	9	10	5	9	9 1/2
Imperial Fire.....	80,000	25	20	5		
Lancashire Fire.....	125,492	5	20	2		
Lion Fire.....	100,000	3	2 1/4	1 1/4		
London and Lancashire Fire.....	85,100	22	25	2 1/4	19	20
London Assurance Corporation.....	25,862	20	25	12 1/4	51	53
London & Lancashire Life.....	10,000	10	10	2	8	8 1/4
Liv. & Lon. & Globe Fire and Life...	391,752	90	St.	2	28	29
Northern Fire and Life.....	20,000	*22 1/2	100	10	74	76
North Brit. & Merc. Fire and Life...	110,000	30s. p. s.	25	6 1/2	36 1/2	37 1/2
Norwich Union Fire.....	11,000	*23 1/4	100	12	109	111
Phoenix Fire.....	53,776	25	50	5	28 1/4	31 1/4
Royal Insurance Fire and Life.....	125,224	58 1/2	20	10	49 1/2	50 1/2
Sun Fire.....	240,000	2s 6d p. s.	10	10	10 1/2	10 3/4
Union.....	45,000	12 p. s.	10	4	13	14

*Excluding periodical cash bonus.

Panama • Hat • Company, LIMITED, 59 Gresham Street, LONDON, E.C., ENGLAND.



Ladies' and Gentlemen's Panama Hats,
For Canadians under the New Tariff.

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

MANUFACTURERS of every DESCRIPTION of

Hydraulic & Electric Machinery.

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

Telegraphic Address: "Muskers Liverpool."

Telegrams:

MANUFACT OF ...



Lower

tower like sh
possible to t
round, of alm
and, most imp
the small nub
cial the old-f
Do I think i
turn out a
Yes, I do. In
now; but the
one, and the
although they
have not the
the real gem.
air, so to sp
being made d
real reason w

Established 177

A



Park Place,

Electric C
Victoria S

Pneumatic Tyres

Canadians

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

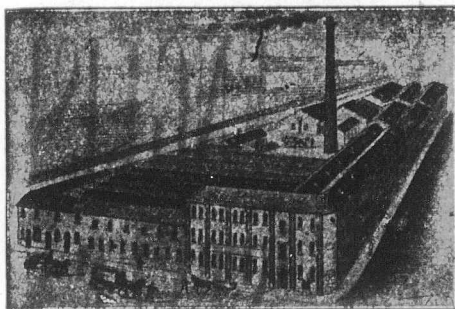
MILLS BROTHERS, LTD.

Registered Office: Lowermoor Leather Works.
OLDHAM, ENGLAND.

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

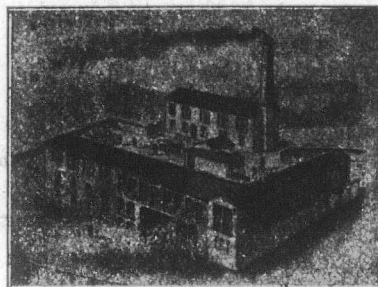
MANUFACTURERS
OF

Oak Tanned and Helvetia Strapping.



Lowermoor Works: Oldham.

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



Tannery: Blackley.

tower like shot. By this means it is possible to turn them out perfectly round, of almost any requisite size; and, most important point of all, minus the small nub which marked as artificial the old-fashioned blown pearl.

Do I think it will ever be possible to turn out a "reconstructed" diamond? Yes, I do. In fact, it is being done now; but the process is an expensive one, and the stones, when finished, although they possess the hardness, have not the fire or the brilliancy of the real gem. But the thing is in the air, so to speak. Improvements are being made daily. And there is no real reason why, in the near future,

an artificial Koh-i-noor should not be turned out which shall be in every way equal to the famous Indian jewel.

ACTION OF CHROMIUM COMPOUNDS ON GELATIN.

Compounds of chromium are known to be more active than those of other metals in rendering gelatin insoluble, says a correspondent of Hide and Leather. Contrary to the view generally held, however, ordinary chrome alum and ammonium chrome alum are not very active in this respect, chromous chloride and chromium acetate and

tartrate have only a slight action. The effect of chromium compounds in rendering gelatin insoluble is due to the power of the latter of combining with chromium oxide with the formation of insoluble compounds, and according to the author, the superiority of chromium sulphate over all other chromium salts in causing the change, is due to the greater tendency of this salt in solution to dissociate into chromium oxide and sulphuric acid. The presence of free acid hinders the separation of chromium oxide from the liquor and its combination with the gelatin.

Gelatin which has been treated with a basic or neutral chrome alum solution, maintains its greenish color even after repeated washing. A film of gelatin dipped in a 5 per cent. solution of potassium or ammonium bichromate, and then dried and kept in the dark, required several months before it became completely insoluble; in the light the change proceeded more rapidly, but the gelatine acquired a brown color. Gelatin which has been rendered insoluble by means of a bichromate and then washed till quite colorless, still contains chromium.

Aluminum salts are less active than chromium salts, but the author obtained a liquid which was very active and colored gelatin to only a slight extent, by adding 10 per cent. of common alum to a 10 per cent. solution of chrome alum containing in suspension a small amount of chromium hydrate, and boiling for some time. Chromium salts acts upon albumin, casein, and gum in the same way as upon gelatin, neutral or basic chromium sulphate solution having the greatest effect. The results of the experiments appear to be of practical value for the tanning industry, the preparation of waterproof fabrics, and for photographic uses. By the action of basic chrome alum solution on a mixture of gelatin and casein, the author has obtained very hard masses of different colors.

Established 1779.

Telegraphic Address: "ANNE COWBURN."

ANNE COWBURN,

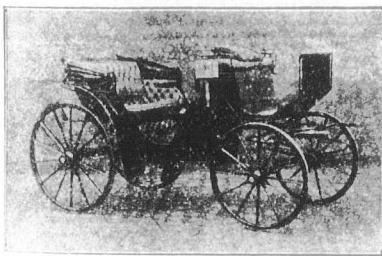
Carriage Builder

AND

Harness

Manufacturer.

MOTOR CARS A SPECIALITY.



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

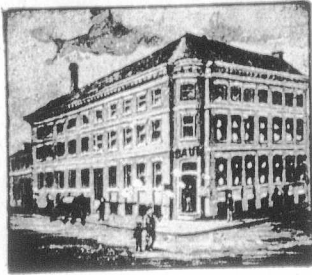
Electric Cars pass every 3 Minutes. 5 Minutes walk from Exchange or Victoria Stations. Covered Railway Carriage Truck for use of Patrons.

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

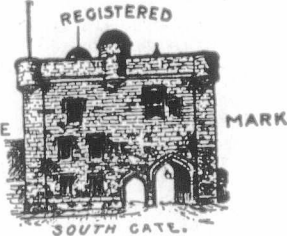
Canadians can buy these carriages, under the New Tariff, 33 1/3 p.c., in their favour by purchasing in Manchester, from this firm.

Telegraphic Address: "HONOUR, Leicester."

National Telephone No. 626.



Arthur Baum,
HOSIERY MANUFACTURER,
 25, Southgate Street,
 Newark Street,
LEICESTER, - England.



SPECIALITIES:
 Gentlemen's Cardigan Jackets.
 Gentlemen's Fancy Waistcoats.
 Gentlemen's Fancy Sweaters.
 Boy's and Men's Blue Jerseys and Franklin Frocks.
 Ladies' Ribbed Vests, etc.

BLACK STAIN AND VARNISH FOR LEATHER.

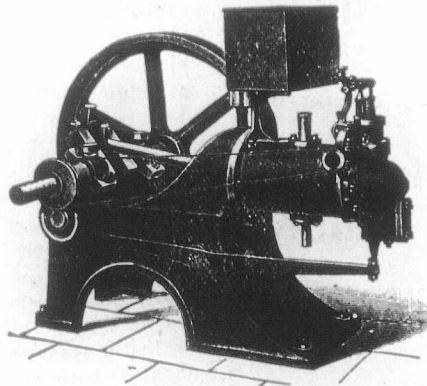
A black stain for leather can be prepared, says the Oil and Colorman's Journal, by boiling for a couple of hours four and three-quarter bushels of Campeachy chips in seventy-five gallons of water, ten ounces of potash being added after the chips have been removed from the liquid. Meanwhile a black mordant has been prepared from scraps of rusty iron and the lees of beer, the preparation improving in quality the longer it is kept. The hides to be treated are spread on a table, and first brushed over with the Campeachy extract, this being repeated until the desired shade is reached. When the solution is strong enough, a single application will suffice, but the Campeachy extract must always be used first.

When again dry, the hides are moistened with a little water, or tanning liquor, and well pulled to prevent shrinkage in drying, which will happen, especially if they are not well oiled. Afterwards they are beaten. Care should be taken to let them dry as slowly as possible; they may be stained before oiling, but should not be varnished until after this operation.

The varnish consists of five parts of strained bullock's blood, four parts of Campeachy decoction, and one part of mordant, a little milk being added to prevent cracking and a few drops of linseed oil to obviate bubbles. This varnish is applied uniformly over the skins with a brush, after which the skins are hung up to facilitate drying, the varnish improving in appearance if dried quickly. By following these directions the leather will acquire a gloss far superior to the ordinary, and

THE
"PETTER" Patent Petroleum Engine

Hundreds in
 Constant Use.
**SIMPLEST,
 SAFEST,
 MOST
 ECONOMICAL
 OIL ENGINE
 IN THE
 MARKET.**
 Write for Price
 List and
 Testimonials.



Automatic
 Lampless
 Tube
 Ignition.
 Made in
 many
 valuable
 Combinations
 with Pumps,
 Dynam.s,
 &c.

JAMES B. PETTER & SONS, Ltd.,
 Nautilus Works, YEOVIL, Eng.
 140 Victoria Street, Bristol, & 73a Queen Victoria Street,
 LONDON, E.C., Eng.



The Tip Top

**ENGLISH
 STYLE . .**

In Calf
 or Kid.



J. A. SABIN
 Welford Road,
Leicester
 ENGLAND.



IMPP
 H
 Speed:
 COMPLETE
 Only Ad
 NOTE
 Speci
 F. JOY
 NOTE
 KE
 Middle
 Man

The Best MONEY MAKER for a Job Printer, is the
IMPROVED "MODEL" SELF-INKING PRINTING PRESS.

Made in seven sizes—4 for hand use and 3 for Treadle.
 This cut shows our smallest size Treadle Machine.

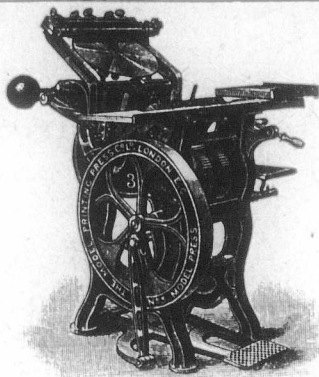
HAND PRESSES.

Inside of Chase.

- No. 1—31½" x 5½"
- " 2—5 " x 7½"
- " 3—6 " x 9 "
- " 4—7 " x 10 "

Speed: 800 to 1000 copies per hour.

COMPLETE PRINTING OUTFITS.



TREADLE MACHINES.

Inside of Chase.

- No. 3—6" x 9 "
- " 5—7" x 11"
- " 6—9" x 13"

Speed: 1200 to 1500 copies per hour.

Type & Printing Materials of all kinds.

Illustrated Catalogue, 140 pp. 4d. post free

THE MODEL PRINTING PRESS COMPANY, LIMITED,

Original Introducers into Great Britain.
 Patentees and Manufacturers of the IMPROVED MODEL PRESSES.

Only Address—63 Farringdon Street,

LONDON, E.C., England.

NOTE—Buyers of these Presses in Canada have 88½ p.c. in their favour, by purchasing in England, under the new tariff, from this firm. (Cut will be inserted as soon as received.)

Special 22 Rifle, Long Barrel,

AT LOW PRICE.

**AIR GUNS OF ALL KINDS, AIR PISTOLS
 DARTS and SLUGS and all ACCESSORIES.**



The Ironmonger's Cartridge Loaded with any
 Powder at Lowest Prices.

F. JOYCE & CO., 7 Suffolk Lane,
 Upper Thames St., **LONDON, E.C., Eng.**

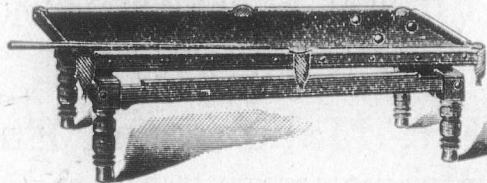
NOTE.—Buyers of these Guns in Canada have 88½ p.c. in their favour, by
 Purchasing in England, under the new tariff, from this firm.

KENT & CO.,

"BAIZES, LONDON."
 Telegrams:

City Billiard Works,

AS BILLIARD TABLE.



Middlesex St., - LONDON, E.C., England.

Manufacturers of every description of Billiard Tables and Accessories,
 for Canadians under the New Preferential Tariff.

very little behind that imparted by
 lacquer.

Striped or grooved leathers are first
 moistened on the flesh side, then piled
 up to let the water penetrate, and left
 till the next day, whereupon they are
 rubbed gently over, on the stained side,
 with a sponge or soft cloth moisten-
 ed with linseed oil, and afterwards put
 through the grooving machine. Where
 a high gloss is not required, the dyed
 skins are merely rubbed with an oiled
 rag.

PATENT REPORT.

The following complete weekly list
 of patents granted to Canadians is fur-
 nished by Messrs. Fetherstonhaugh &
 Co., patent solicitors, Canada Life
 Bldg.—Canadian Patents.—J. Walker,
 sash weights, I. E. Weatherbee, boiler
 stoves; H. S. Worthington, car cou-
 plers; N. Collin, cattle guards. Ameri-
 can Patents.—Peter H. Cowper, hydrau-
 lic valve; I. P. Doolittle, cover-fasten-
 ing for fruit jars or similar vessels;
 H. D. Ells, dust-guards for carriage-
 axles; C. A. House and J. J. Keewatin,
 grain door; A. Landry, stove; C. C.
 Longard, wrench; E. A. Marshall, jar-
 cover seal; L. L. Merrifield, producing
 gas from peat; C. Warren, subbass for
 self-playing organs; C. Warren, motor
 for self-playing organs.

Owen N. Evans, solicitor of patents
 and expert, Temple Building, reports
 the following patents granted to Cana-
 dians last week—United States—Safe,
 C. A. Barger; decoupling attachment,
 L. Boivin; acetylene-gas generator, J.
 D. Forsyth; fence-post, C. H. Hutch-
 ings; carpet-stretcher, J. Lawson; ra-
 diator, A. E. Laycock; escapement-mo-
 tion, W. J. Shortill; metallic tire, W.
 Thompson; valve-gear for engines, F.
 H. Sleeper; combined truck and bag-
 holder, J. C. Steele; mop head and

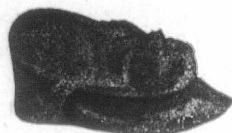
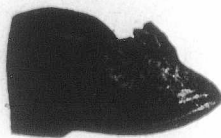
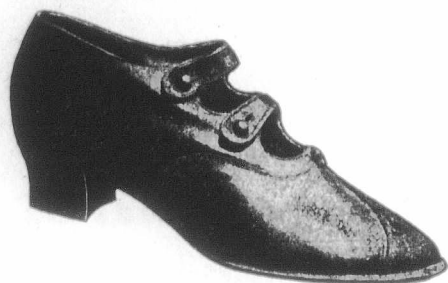
Whitaker & Company,

25, Bateman's Row, Shoreditch,
LONDON, E. C., ENGLAND.

—MANUFACTURERS OF—

Ladies and Nursery Shoes,

for the Canadian Market, under the New Preferential Tariff, 88½ p.c. cheaper than from other Countries.



wringer, G. C. Glenn; cobalt-ammonium salt and process of making same, H. A. Frasch; starting gate, P. McGinnis; erasure plate for typewriting machines, E. S. Reid. Canada.—Elastic tread for horseshoes, J. L. Collieran et al.; combination invalid's bed support, Mrs. E. S. Stewart; window shades, S. H. Martel, jr.; cooking stoves, J. B. Tasse; roller skates, C. H. Taylor; wheels, George Wedloke; method of slitting leather belting for splicing, J. D. McArthur; marine lift saving devices, H. Aylmer; loose leaf binders, G. A. Roedde.

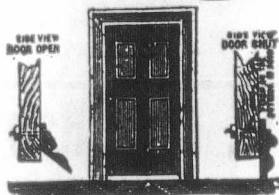
HOW NICKELS AND PENNIES GO.

The United States treasury during the fiscal year just ended manufactured 79,611,143 cents and 26,480,213 nickels. Massachusetts got 5,000,000 cents, Pennsylvania 4,000,000, Illinois 7,000,000, and New York State nearly 10,000,000. These are the great cent using states, and stand in the same order as to consumption of nickels. Ten years ago pennies were little used in California and the South, and were unknown things in Nevada, Wyoming and Arizona. Up to date Uncle Sam has turned out 1,190,000,000 cents, 340,000,000 nickels, 100,000,000 dimes, 200,000,000 quarters, and 150,000,000 half-dollars. Somewhere in the world are 119,000,000 big copper pennies. What has become of them is a mystery, for, barring a few in the hands of collectors, they have disappeared, no one knows where.

Many years ago the government issued 4,500,500 bronze two-cent pieces, and of those over 3,000,000 are still outstanding. The same is true of the nickel three-cent pieces, of which nearly 2,000,000 are unaccounted for. Slot machines have greatly increased the demand for coppers, and so also have the penny newspapers, and the odd prices made popular in dry goods shops. Cents and nickels wear out pretty rapidly, because they are passing constantly from hand to hand, and the immense numbers of them that pour into the treasury at Washington are carefully sorted over for the purpose of sorting out those which are too much damaged to be fit for further use. The life of a cent is only four or five years.

Slater's Patent "RELIABLE" Draught

Dust & Rain



Stopper

For the Bottom of Doors

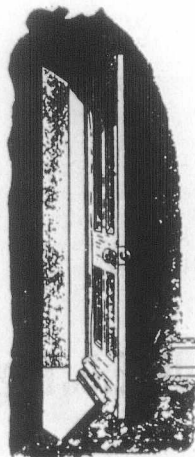
Stock Two sizes, and you can suit ANY WIDTH of Door. Cut in Two Minutes to any length.

Also THE CHEAP "CHAMPION"

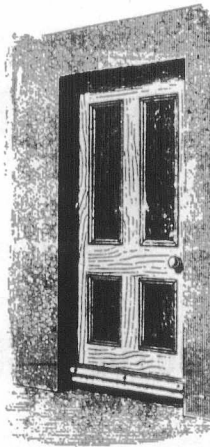
Easy to Fix. Easy to Remove. Lowest Price. Quickest Sale.

The Cheapest Draught, &c., Preventer Obtainable.

BEST DISCOUNT TO THE TRADE.



Door with Preventer, OPEN.



Door with Preventer, SHUT

Smith Slater, Limited, Longley Street, OLDHAM, Eng

A Reliable and Practically Unbreakable Bicycle Frame.

THE BIRTWISLE HYDRAULIC JOINTING SYNDICATE, LD.,

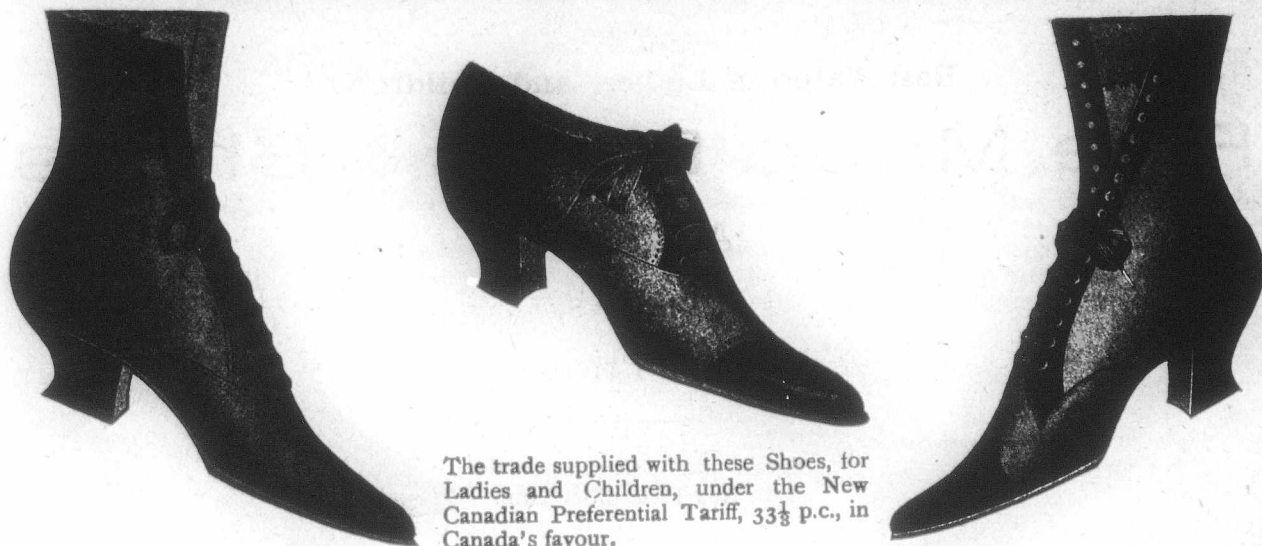
Worsley St., HULME, Manchester, Eng.

Are Prepared to arrange with a Factor for the introduction and sale of their

UNBREAKABLE B.H.J. BICYCLE FRAME.

For description see "Canadian Journal of Commerce," March 28th, 1902. Full particulars and prices on application.

J. T. BRAMMAGE, WESTERN ROAD, LEICESTER, EN G



The trade supplied with these Shoes, for Ladies and Children, under the New Canadian Preferential Tariff, 33½ p.c., in Canada's favour.

A. KNIGHT & CO.,

High Class—Wholesale

Boot

*** Manufacturers ***

We supply these Shoes, 33½ p.c. under the New Preferential Tariff.

GREAT NORTHERN WORKS, - BELGRAVE ROAD, LEICESTER, ENGLAND.

Cuts will be inserted when received.

Cents are subject to more accidents than any other coins. Being of such small value, little care is taken of them, and that is why the treasury has to go on turning out new ones at the rate of 60,000,000 to 90,000,000 a year. At the treasury they say that the cent is a barometer of business conditions. A heavy storm or a sudden coming of cold weather—anything, in short, that keeps the penny-spending part of the population at home—is accurately reflected in the falling off of the cents coming to the sub-treasuries for exchange. During periods of dullness cents accumulate at sub-treasuries, but when trade revives they begin to circulate rapidly again. Anybody who wants cents may get them by sending a cheque to the superintendent of the mint, who will ship them at the expense of the government.

C. SMITH & SONS,

Forest Gate Shoe Works,

ANSTEY, near LEICESTER, ENGLAND.

Wholesale

'Boot and Shoe Manufacturers

For Canadians under the New Preferential Tariff.



W. BRADBURY, Leicester, England,

FOR

Best Value in Ladies' and Children's

Fine Made Boots & Shoes.

All Styles,
Qualities,
and Prices.



Other cut will be inserted when made.

Special rates to Canadians under the New Preferential Tariff.

Note Address: **W. BRADBURY, 43 Newarke St., LEICESTER, Eng.**

Marion & Co's "Folding Imperial" Cameras

No. 20 Folding Imperial.

It is covered leather, R. R. Lens, F8 with Iris diaphragms, time and instantaneous Shutter, reversible View Finder, Cloth Bellows, rising front, focussing scale and focussing screen, rack and pinion extension swing back and front cross movement of great extent for the front carrying lens, and automatic triple extension of bellows, 17 inches. This allows of lenses of every variety of focal being used, including telephoto work of low magnifications. We know of no such complete equipment at the price, enabling as it does the user to undertake any and every class of work including one double plate-holder, pneumatic release, and tripod bushes, complete in stiff cloth carrying case.

Cut will be inserted as soon as received.

Price complete as described above, 5 by 4 plate, £6 10 0
Extra Plate-Holders, 5 by 4, each 2 9

No. 21 Folding Imperial.

As above No. 20, but for 7 by 5 or 1/2-plates £8 10 0
Extra Plate-Holders, 7 by 5 or 1/2-plates each 6 0

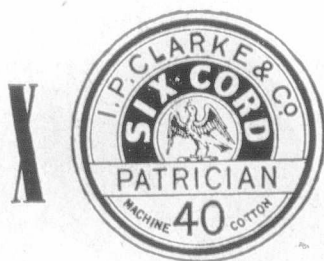
Illustrated Catalogue, 300 pages, post free, 1/- Booklets Free. Manufacturers of Photographic Plates, Papers, Mounts, Apparatus and Materials of Unsurpassed Excellence.

MARION & CO., Ltd., - 22, 23 Soho Sq., LONDON, W., England.

We do not Belong to any Ring or Combine.

I. P. Clarke & Co.,

BELGRAVE THREAD MILLS,
LEICESTER, England



Sewing Machine Cotton

HIGHEST QUALITY ONLY.

Six-Cord

400 320 300 200 yards.



Special terms to Canadians under the New Preferential Tariff.

Established 1834

Get your Clothing
GOOD, and
get it for Nothing.



But don't get it
Good-for-
Nothing.

“Gidaw” Serge, Regd.

Two years ago we introduced “Gidaw” Serge, and guaranteed to replace free of charge any garment that did not prove satisfactory in wear within three months of purchase. Up to the present we have not had a single complaint, and have received the following replies to our enquiries from various customers:—



Gents' Sac Suits.



Youths' Cambridge Suits.

Whitstable.
Gents.—We have sold several of the suits of “Gidaw” Serge, but have received no complaints of them, and therefore no application for renewal of garments.
Yours respectfully, S. T.

Sheerness-on-Sea
Dear Sir,—The “Gidaw” Serge suits you made for me appear to give general satisfaction, and beg to say I have had no complaints from any one customer.
Yours truly, S. J. W.

Burnham Somerset.
Gents.—Re “Gidaw” Suits, I have had no complaints respecting the above suits; no doubt it is a very nice quality suit, and they are smart fits and nicely made.
Yours truly, P. H. Torrington.

Gents.—I find the “Gidaw” Serge wears well; it is a real good serge.
Yours truly, C. J. W. Weston-super-Mare.

Gents.—We beg to state we have not received any complaints re “Gidaw” Serge, or had any claims.
Yours faithfully, B. W. Grantham.

Gentlemen.—I was very pleased with the finish of special suits received Saturday, being rather better quality than I usually order, which means a better class of customer, and it shows you can finish your goods in first-class style.
Yours respectfully, W.C.C. Ebbw Vale, Mon.

Gents.—I may say that your goods and way of making and finishing are pleasing not only to me, but to my customers also.
Yours sincerely, T. J.



Boys' Norfolk Suits. Patent Strap & Buckle Knickers.

Boys' Rugby Suits. Patent Strap and Buckle Knickers.

GUARANTEE

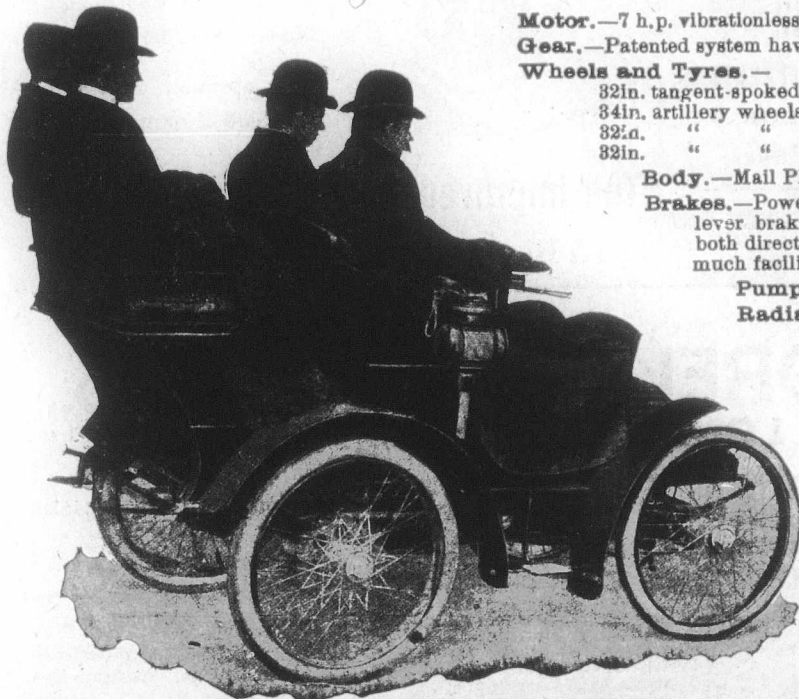
We guarantee this material **All Wool, Indigo Dye**, and with fair wear, **absolutely indestructible**; we will replace same free of charge, should the wear prove unsatisfactory within three months of purchase. This ticket must be produced, with date of purchase duly signed by seller.

MANUFACTURED ONLY BY

WACKS BROS., Ltd., WHOLESALE CLOTHING MANUFACTURERS, Burlington Works, LEICESTER, Eng.

THE TURRELL CAR.

Specification.



Motor.—7 h.p. vibrationless, two cylinder motor.
Gear.—Patented system having the wheels always in mesh.
Wheels and Tyres.—
32in. tangent-spoked wheels, with 2½in. Michelin tyres.
34in. artillery wheels, with 2in. Connolly solid tyres.
32in. “ “ “ 2½in. Michelin tyres, £8 10s. extra.
32in. “ “ “ 3½in. “ “ £22 10s. “

Body.—Mall Phaeton, Tonneau, or Siamese Phaeton.
Brakes.—Powerful pedal brake on differential gear. Powerful lever brakes on driving wheels, compensated, and acting in both directions. Ratchet to hold the car on steep hills; this much facilitates starting on big gradients.
Pump.—Special slow-speed positive pump.
Radiator.—Of ample size.
Chains.—By the Coventry Chain Co.

Fitted with either a bonnet or basket in front,
300 Guineas net.

Special estimates to Canadians under the new Preferential Tariff.

Catalogues, giving drawings of detail parts, etc., etc., from - - - - -

THE POLLOCK ENGINEERING CO.

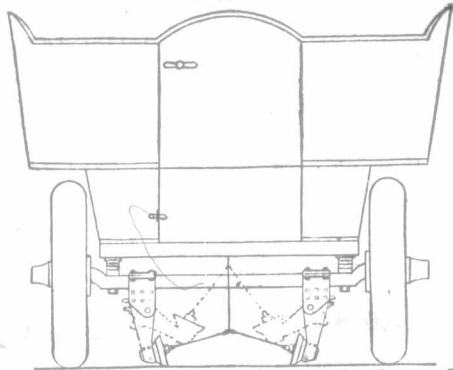
ASHTON-UNDER-LYNE, ENGLAND.

LICENSES GRANTED TO MANUFACTURERS.

THE COUNTER-SKID

(Williams' Patent)

Renders Side-Slip an Absolute Impossibility



The whole arrangement can be raised or lowered by a foot lever under the driver's control.

IT is an attachment to the back axle of the car, consisting of two hinged brackets working on the positive and negative principle. At the bottom of each bracket there is a free running saucer-shaped steel disc, which engages, instantly and automatically, with the road surface as soon as any tendency to side-slip occurs. Trials conducted on greasy wood and asphalt pavements in London, have proved its perfect reliability beyond all question. It may be seen attached to a 12 H.P. Milnes Car at Messrs. Laurie and Marners of 311 Oxford St., W., and it may be tested or seen at work by arrangement with.

F. SADLER, 13 Dering Street, Oxford Street, **LONDON, W. ENG.**
33 1/2 per cent. in favour of Canadians.

Store Fittings and Utensils.

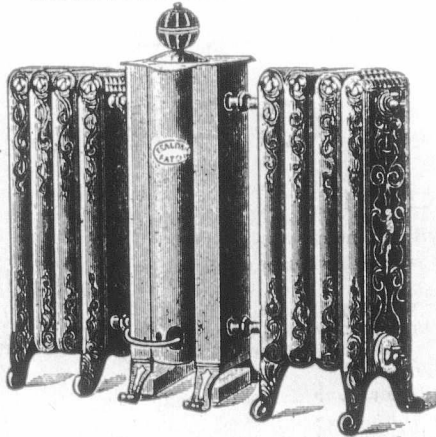
Scales, Weights and Weighing Machines of every description. Coffee Mills. Coffee Canisters, Coffee Roasters, Patent Tea Bins, Tea Mills, Tea Canisters, Patent Biscuit Stands, Glass, Shelves, Mirrors. Every requisite for Grocers, Provision Merchants, Confectioners, Drapers and Tailors.

Illustrated Catalogue and Prices Free.

F. E. & G. MAUND, Ltd., Store Fitters,
336 Old Street,
SHOREDITCH, LONDON, Eng.

FENLON & SON,

Fenlon's Patent Boilerette Radiators.



Heating Specialists, Inventors and Patentees,

Tudor Street.

WHITEPRIARS,
LONDON, E.C.,
Eng.

Which will heat a room 20 ft. sq. with a single Gas Burner at the cost of 1/4d per hour. **HIGHEST AWARDS WHEREVER EXHIBITED.** Special terms to Canadians under the New Preferential Tariff.

ELECTRICIANS AND ENGINEERS.

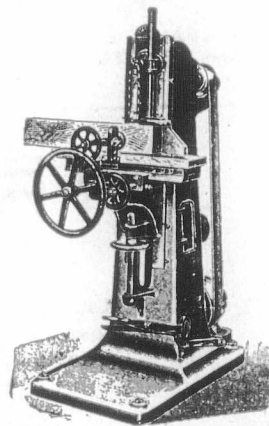
Chas. Peacock & Co.,

35 Clerkenwell Road - LONDON, E.C., ENGLAND.

Contracts undertaken in all parts of the Country. Inquiries solicited.

Liberal Commission to the trade. Telephone: "No. 159 HOLBORN."

THE IMPROVED EXPERT



CHAIN MORTISER

with which 300 mortises are made in one hour, No boring or core driving.

One operation only in soft, hard or knotty wood.

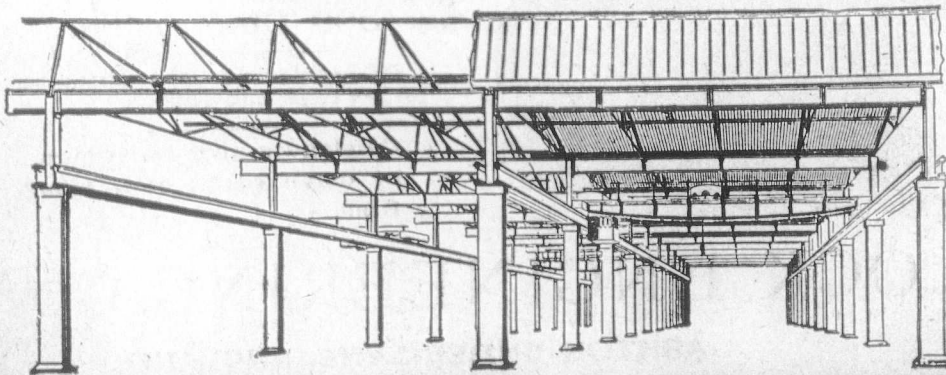
The Improved Expert Chain Mortiser

15 Barbican, LONDON, E.C., Eng.

Telegraphic Address: "EXPANSION, LONDON."

RICHARD MORELAND & SON, LTD.,

3 Old Street, LONDON, E.C., England.



Manufacturers of Solid Steel Columns and Constructions for Canadians, under the New Preferential Tariff.

**New Hair-Dressing Establishment
and Barber Shop**

IN THE
"BELLEVUE APARTMENTS"
(FOLLY FLATS)

Mr. Peter Harvey, for the last nine or ten years favorably known to the patrons of MARINER'S, on St. Catherine Street, has opened a First-class

Hair-Dressing Establishment

in the Bellevue Apartments Building, Metcalfe and St. Catherine Streets and Dominion Square. Modern improvements, skilled workmen, personal supervision.

MOUNT BROS.,

Manufacturers and
Dealers in . . .
Electrical Supplies,
Wiring and Electric Light Contractors.
Bells, Annunciators Telephones, etc.
784 Craig St. - Montreal.

ARTHUR GAGNON Manager Estate Hon. Jean L. Beaudry	L. A. CARON Auditor Town of Mals sennys and of la Cham bre de Commerce du District de Montreal.
---	---

GAGNON & CARON,
Rooms 41 & 42 Montreal St. Ry. Bldg., Montreal.
Accountants, Curators, Liquidators and
Commissioners, S. C. Bell Tel. Main 215.

WANTED.

Active Agents wanted in every town and village in Canada, apply "Agent," JOURNAL OF COMMERCE, Montreal.

D. & S. Electrical Accessories.

CIRCUIT BOXES

with

D. & S. Patent Damper
BRIDGE FUSES

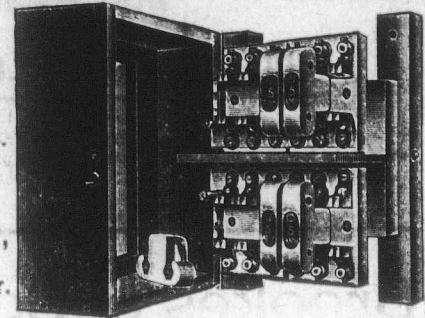
SEND FOR 1901 (Red Cover) CATALOGUE.

Dorman & Smith,

HEAD OFFICE AND WORKS:

Ordsal Electrical Works, SALFORD,
England.

ALSO: Charing Cross Road, LONDON, W. C., Eng.
ALSO: 58 Margaret Street, SYDNEY, N.S.W.



1 & 2 NEW STREET, BIS.

THE LOCO PACKING CO.

Boreham Wood Works,

Sole Manufacturers of **ELSTREE, nr. LONDON, Eng.**

"Colo" and Braithwaite's

"LOGO" TRADE MARK. PACKING.

Durable, Lubricative, Economical.

Used by over 100 British and Foreign Railways, Indian and Colonial Governments, Collieries, Waterworks, &c., for Locomotives, Steam Hammers, Mining Pumps, Stationary Engines, Hydraulics, &c.

LONDON OFFICE:

Moorgate Station Chambers, - LONDON, E. C., Eng.
Special Tariff in Favor of England.

ROWLAND WILSON & CO.

HIGH-CLASS

Boot and Shoe Manufacturers,

Woodboy Street,

**LEICESTER,
England.**

Special prices for these Shoes under the
New Canadian Preferential Tariff, 53 1/2 p.c.
in favour of Canadians.

INSURANCE, BANK and COMMERCIAL

PRINTING

Receive our Special Attention " " "

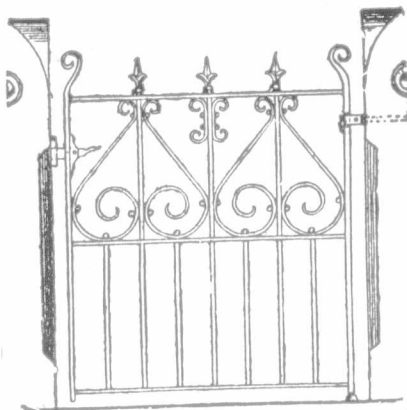
JOURNAL OF COMMERCE.

171 St. James Street, MONTREAL.

DISTINCTIVE QUALITIES
—OF—
**North Star, Crescent
and Pearl Batting.**
Purity, Brightness, Loftiness.

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

Brookes & Co., Ltd.,



Owners and
Sole
Makers.

Gatesmiths

AND ...

Ironworkers.

Cateaton Street, - MANCHESTER, ENG.

Special prices under the New Tariff.

Established 1848.

Francis Barker & Son,

Sun-Dial and Mathematical
Instrument Makers,

12 Clarkenwell Road, - London, E.C., Eng.

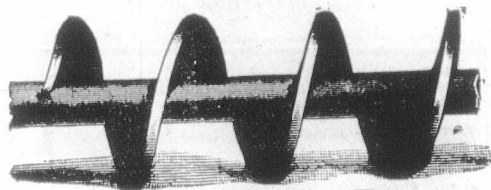
HORIZONTAL SUN-DIALS, fixed on Pedestals, form a
Beautiful, Useful and Ornamental addition to Gardens, Terraces,
Parks, &c. **14-Inch Brass HORIZONTAL SUN-DIAL**,
with Equation Table complete on Terra-Cotta Pedestal, as Illus-
tration £10 subject. An assortment of Pedestals and Dials kept
in stock. **SUN-DIALS** can be supplied without pedestals, in
Brass, Gun-Metal or Slate, from £2 each subject. Suitable Mot-
toes, &c., can be Engraved, Special Designs can be submitted, or
suggestions carried out. Full instructions sent for fixing Dials,
or competent workmen sent to set them.

Illustrated Price List and Full Particulars sent Post Free upon
Application.

AGENTS REQUIRED.

Wrigley's Automatic Conveying Co.

85 Royal Exchange,
MANCHESTER, Eng.



Wrigley's Patent Cast-Iron Worm.

ELEVATORS & CONVEYORS.

For Coal, Coke, Ashes, Grain, Malt
and other Materials.

Special prices to Canadians under the New Tariff.



Laying Callender Mains at DONCASTER.

**Callender's Cable &
Construction Co., Ltd.,**

Hamilton House,
Victoria Embankment,
LONDON, Eng.

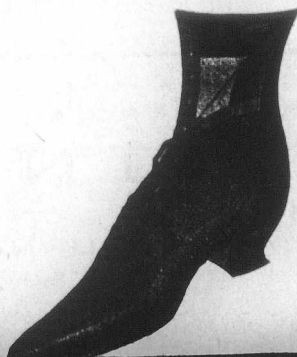
Lennard Brothers, Limited,



WHOLESALE

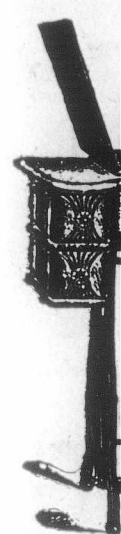
Boot

Manufacturers



LEICESTER,

England



Representative
The Pa

The

Sole Make
The

Cut will be in

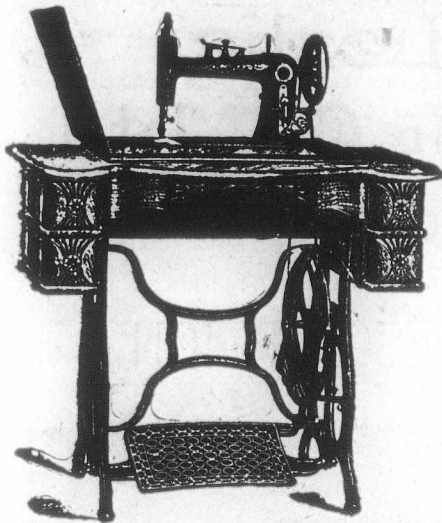
E. T.

Wholesale
Brush
Manu
56

Prices and Pa

WIL
Fanc
Sk

Causew



We make High Grade Family
SEWING MACHINES

For the Merchant's Trade

Write us for Prices and Terms.

We can interest you.

FOLEY & WILLIAMS M'FG. CO.,

Factory and General Office :

CHICAGO, Illinois.

European Office : A2 Southwark Bridge Road, London, Eng. Southern Office
121-123 W. 5th St., Cincinnati, Ohio. Representatives for the Province of Quebec:
H. & J. YOUNG, 111-115 Bridge St., Quebec, P.Q.

Representatives for the Pacific Coast, Asia and Australia,

The Pacific Hardware & Steel Co., San Francisco, Cal.

Representatives for the West Indies, Mexico, Central and South America.

The New York & Java Trading Co., New York City, N.Y.

The only HV Switch

Which is passed by every
Central Station Engineer.

Sole Makers :

The International Electric Company,
55 Redcross Street, BARBICAN,
London E.C., Eng.

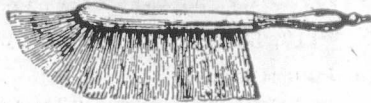
(Cut will be inserted as soon as received.)

E. TAYLOR & CO. :

Wholesale and Export

Brush

Manufacturers.



56 Hatton Wall, Hatton Garden,
LONDON, E.C., Eng.

Prices and Particulars on Application.

Indents through Merchants

WILLIAM LANGHAM & CO.,

Fancy Hosiery & Divided
Skirt Manufacturers,



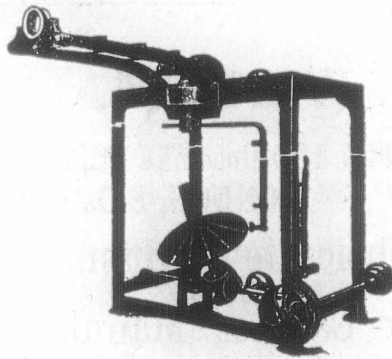
Causeway Lane, - LEICESTER, ENG.

We supply under the New Canadian
Tariff, 88 1/2 p.c. in their favour.

EDWARD DAVIES & CO.,

Engineers, Millwrights
and Ironfounders.

Water Lane Works, Thornton Road,
BRADFORD, ENGLAND.



Baling Machine

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

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

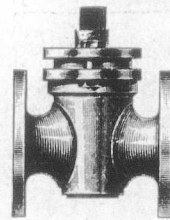
Repairs Promptly
Attended to.

Special prices to Canadians under
the New Tariff.

Telegraphic Address "COCKBRASS," London.

Thos. Noakes & Sons

MANUFACTURERS OF
LONDON-MADE



Mountings for
Steam Engines
and Boilers.



OFFICES AND WAREHOUSE,

35 & 37 Brick Lane, WHITECHAPEL, London, Eng.
WORKS AND FOUNDRY,

12 & 14 HENEAGE STREET, E.

ENQUIRIES SOLICITED.

LONDON, ENGLAND.

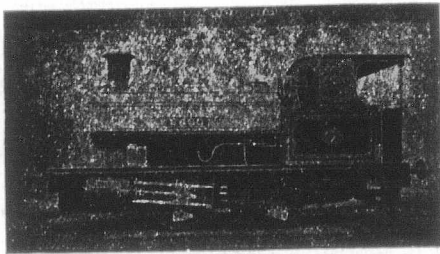
TRADE **F&N** MARK.

New Canadian Preferential Tariff, 83 1/2 in favour of English Goods.

R. & W. Hawthorn, Leslie ... AND Co., Ltd.

NEWCASTLE-ON-TYNE, ENGLAND.

Manufacturers of
LOCOMOTIVES OF EVERY DESCRIPTION

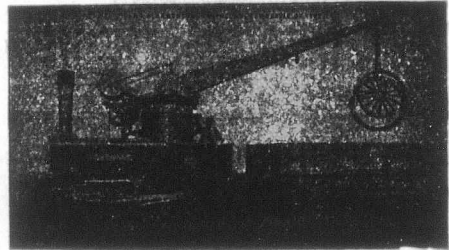


PHOTOGRAPHS and SPECIFICATIONS ON APPLICATION.

Standard Classes in Progress and in Stock

○ ○

Special prices to Canadians under the New Tariff.



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

ENQUIRIES cordially invited which will have prompt and careful attention.

W. G. WISDOM,

98 & 100 Rosoman St., Clerkenwell, LONDON, E.C., Eng.

Wholesale Silversmith,

AND

.. Fancy Cabinet Manufacturer ..

SALTS, SCENTS and SPIRIT STANDS.

Telegrams: "RUSSIANIZE, London." A.B.C. Code, 4th Edition used

A. BECKMANN & CO.,

Wine & Spirit Brokers,

47 Mark Lane, - LONDON, E.C., Eng.

Every attention given to the Export Trade.

SPECIALITIES:

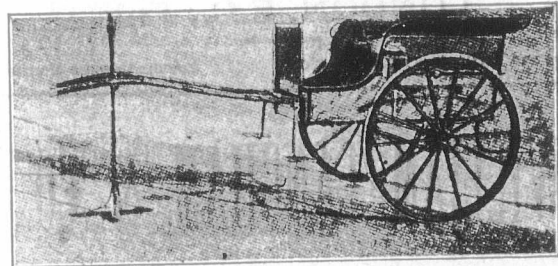
Cheap Cased Brandies, Clarets and Champagnes.

Patronized by Royalty.

JAMES BLIGH & SON, LTD.

117, LONG ACRE, LONDON, W. O., England.

Numerous Gold Medals awarded for Excellence of Design and High Finish.
Miss MAREE CORRELL writes:—"The 'Thelma Car' I find most Charming and Comfortable."



LANDAUS, BROUGHAMS, VICTORIAS, PHÆTONS with Improved Step, Pony and Governess Cars in all sizes on view. Repairs a Specialty.

The "THELMA" is undoubtedly the most unique Cart of the new Century. A large and varied Stock of High-class New and Second-hand Carriages always on View.

GREENE'S BELT FASTENERS



Sole Manufacturer

Established 1887.

Wm. H. Chase,
16 Little Trinity Lane, Upper Thames Street, E.C., LONDON, ENGLAND.

AVOID IMITATIONS and insist on having

.. Greene's Genuine Belt Fasteners ..

As Manufactured by W. H. CHASE for upwards of Thirty Years.

To be obtained from all leading dealers in the United Kingdom.

Glaziers' Diamonds

BUSH & CHIPPER,

Diamonds for Turning Emery Wheels, Circles, Shades, Pressure Tubes, Etc.

9 Percival Street, Goswell Road, Clerkenwell, London, E.O., Eng. Illustrated Price List on Application.



Canadian readers should communicate with us respecting these goods and prices.—B. & C.

British Colum

Canada, 4 per

1 per

Debs.

Manitoba, 188

825 Railw

Quebec P

100 Atlantic &

10 Buffalo & do. by Can. Cent guar.

Canadian

Grand Tru 1st M.

Grand Tru

100 2

100 1

100 5

100 3

100 1

100 4

100 Great Wes

100 Hamilton

100 M. of Can

100 Montreal

100 mtg. b

100 N. of Can

100 Quebec Ce

100 T. G. & B

100 Well, Cre

100 1st Mo

100 St. Law. J

M

100 City of Lo

100 City of M

100 City of Ot

100 red

100 red

100 City of Qu

100 City of To

100 6 p. c

100 8 p. c

100 4 p. c

100 City of W

100 Deb.

MISCE

100 Canada C

100 Canada N

100 Hudson B

Bank of B

" " M

Canadian

Corner Vict

Book-keep

Shorthand, T

English, Fre

dents select

separately b

call or teleph

and new pri

SECURITIES.	London Dec 25
British Columbia, 1877 6 p.c.	107 110
1887, 4½ per cent.	89 91
1891-6, 3 p.c.	102 104
Canada, 4 per cent. loan, 1880	101 103
3 per cent. loan, 1888-99	101 103
Debs. 1884, 3½ per cent.	101 103
2½ p.c. loan, 1897	88 90
Manitoba, 1886-6, 5 p.c.	108 110

SRS	Railway and other Stocks.	Dec. 25
	Quebec Province, 5 p. c., 1874.....	100 105
	1876, 5 p.c.	100 105
	1880, 4½ p.c.	104 106
	1883, 5 p.c.	109 112
100	Atlantic & Nth. Western 5 p.c. Gua	120 123
	1st M. Bds	132 134
10	Buffalo & Lake Huron \$10 shr.	138 143
	do 5½ p.c. bonds.	138 143
	Can. Central 5 p.c. M. Bds. Int.	.....
	guar. by Gov. ....	.....
	Canadian Pacific \$100.....	131½ 132½
	Grand Trunk, Georgian Bay, &c.	101 103
	1st M. ....	.....
100	Grand Trunk of Canada Ord. stock.	14% 15
100	2nd equip. mtg. bds. 5 p.c.	126 129
100	1st pref. stock. 5 p.c.	107 107½
100	2nd pref. stock.	94½ 94½
100	3rd pref. stock.	44 44½
100	5 p.c. perp. deb. stock.	135 138
100	4 p.c. perp. deb. stock.	109 111
100	Great Western shares, 5 p.c.	134 137
100	Hamilton & N. W., 5 p.c. ....	.....
100	M. of Canada Stg. 1st Mort. 5 p.c.	106 108
100	Montreal & Champlain 5 p.c. 1st	.....
100	mtg. bds .....	.....
100	N. of Canada, 1st mtg., 5 p.c. ....	.....
100	Quebec Central, 5 p.c. 1st Inc. Bds.	103 105
100	T. G. & B. 4 p.c. bonds, 1st mort.	105 107
100	Well., Grey & Bruce, 7 p.c. bds. ....	.....
100	1st Mort	109 111
100	St. Law. & Ott. 4 p.c. Bds.	106 107
MUNICIPAL LOANS.		
100	City of London (Ont) 1st pref 5 p.c.	100 102
100	City of Montreal stg. 5 p.c 1874	101 104
100	City of Ottawa, 4 p.c., stg.	100 102
	redeem 1873	100 103
	redeem 1875 .....	.....
100	City of Quebec, bp. c. redeem 1875..	105 107
	redeem 1878	110 112
100	City of Toronto, 4 p.c. 1889-93	100 102
	5 p.c. stg. con. deb. 1874-1876.	101 107
	5 p.c. gen. con. deb. 1879	109 111
	4 p.c. stg. bonds,	101 103
100	City of Winnipeg deb., 1884, 5 p.c.	105 107
	Deb. scrip, 1883, 5 p.c. ....	.....
MISCELLANEOUS COMPANIES.		
100	Canada Company	35 39
100	Canada North-West Land Co.	97 102
100	Hudson Bay	35½ 36½
BANKS.		
	Bank of British North America.....	68 70
	" Montreal	530 538
	Canadian Bank of Commerce.....	15½ 16½

Individual Evening Instruction.

ON
Monday, Wednesday and Friday Evenings
AT



Corner Victoria Square and Craig Street

Book-keeping, Arithmetic, Penmanship, Shorthand, Type-writing, Correspondence English, French, Civil Service, etc. Students select their subjects and are taught separately by nine expert teachers. Write, call or telephone Main 2890 for Prospectus and new price list. Address,

J. D. DAVIS,

62 Victoria Sq., Montreal

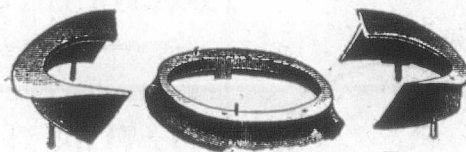
BOILER SHOP.

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

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

ARTHUR KAVANAGH, J. H. FAIRBANK,
Manager. Proprietor.

Thomas E. Whitworth,
HATTERS' MACHINIST,
DENTON, near MANCHESTER. Eng.



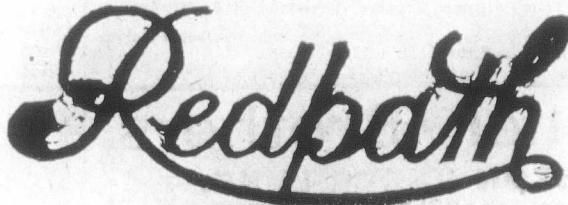
SPECIALITY
Improved Split Frames for
Curling and Shaping
FELT HAT BRIMS.

Accuracy Guaranteed.
Estimates for all Kinds of Hatting Machinery

SHIPPING ORDERS and ENQUIRIES Promptly Attended to

FOR QUALITY AND PURITY BUY
"EXTRA GRANULATED"

And the other grades of refined Sugars of the old and reliable brand of



MANUFACTURED BY

THE CANADA SUGAR REFINING CO., Limited, - MONTREAL.

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.

W. H. PALMER & CO.

Contractors to H. M. Government.
Manufacturers of

LACQUERS of every description for
METAL WORK,
DECORATIONS, etc.
VARNISHES FOR ALL PURPOSES.

Colors, Oils, Paints, Enamells, Polishes, Dyes,
Stains, Chemicals, Bronze, Powders, Gold,
Silver and Metal Leaf.

78 Old Street, ESTABLISHED 1805.
LONDON, E. C., ENG.

The
LEANDER CYCLE

**BEST ALL BRITISH MADE
CYCLES IN THE MARKET.**
Made for Canadians under the new Can-
adian Preferential Tariff 33 1/4 p.c.
in their favour.



Leander Machine Company.
Ardwick Green, Manchester, Eng.

JOHN PEACE & SONS, Alcoma, Sheffield, England

Established over 100 years.

MANUFACTURERS AND MERCHANTS OF SHEFFIELD GOODS:

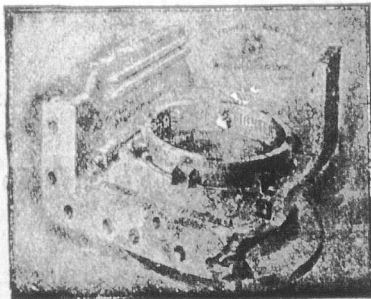
STEEL.—Best Crucible Cast Steel for Turning and Slotting Tools, Saws,
Punches, Dies, and Chisels; also for Masons' Hammers, Chisels, Picks,
Quarry and Miners' Drills, &c.; Bessemer and Siemens-Martin Steel in
Bars, Sheets and Strips.
FILES AND RASPS of every description or made to any pattern.
HAMMERS for Engineers, Smiths, Masons, Miners and Quarry Work.
CHISELS for Engineers, Masons, and other purposes.
Shoemakers' Knives, Hammers, Nippers, Rasps, and all descriptions of
Shoemakers' Tools.
CUTLERY.—Carvers, Table and Dessert Knives, Pen and Pocket Knives
Razors, Scissors, Spoons and Forks.

Fletcher • Brothers,
ASHTON-UNDER-LYNE,
ENGLAND.

**NEW STEAM
"DIVERGENT"**

STOP VALVES

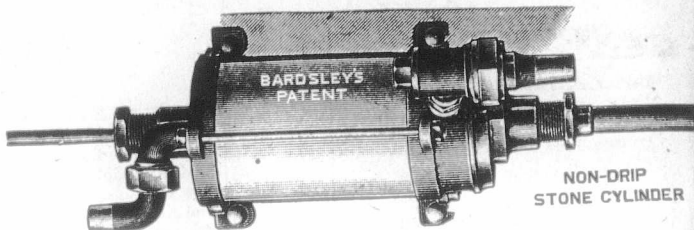
With Patent Removeable Expansive Seatings,
Simple Bye-pass Arrangement.



**Safety
Valves**

with separate outlet
for Low Water Steam
distinct from High
Steam.

Special rates to Canadians
under the New Prefer-
ential Tariff.



A GREAT BOON to Publicans and the Public generally.

"BARDSLEY'S"
Patent NON-DRIP STONE
CYLINDER BEER PUMPS.

Prevent Beer Poisoning, Waste and Nauseous
Taste in Morning. Will Repay Cost
in 12 months.

Can be fitted to any Machine.

Write for Particulars.

BARDSLEY & CO.,

39 UNION STREET,
OLDHAM, ENG.

Cable Address: "LENSES," Leicester.

TAYLOR, TAYLOR & HOBSON, LTD.

Scientific Instrument Makers,

Stoughton Street Works, LEICESTER, Eng.

Contractors and Manufacturers to His Majesty's Government, The War
Office, The Admiralty, The Postal Telegraph Department, The India Office,
The Government of N. S. Wales, The Government of Cape Colony, The
Russian Government, The French Government, The Dutch Government,
The German Government.

Focussing Cooke Lenses for Hand Cameras.

Office and Showroom:

18 Berners Street, W., LONDON, ENG

**The Leicester Elastic Web
Manufacturing Society, Limited,**
LEICESTER, Eng.

Guaranteed Stamped Elastic Webs,
Satin Cloth Elastic Webs

FOR BOOTS & SHOES.

Loom and Fancy Garter Elastics.

Samples supplied free through our agent
Mr. S. WOOD, 41 St. Francois Xavier Street, Montreal, Que.

Telegrams:—"PNEUMATIC."

**CYCLE FRAMES, FITTINGS
and ACCESSORIES**

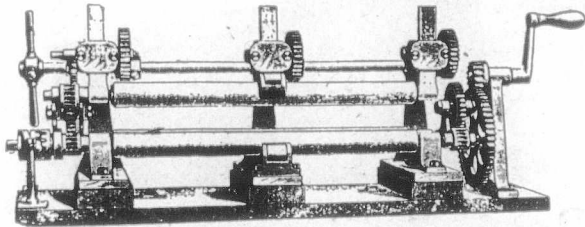
**THE
Universal Cycle Trading Co.,
LIMITED.**

Duke Street,
LIVERPOOL, Eng.
Managing Director:
W. T. PRITCHARD.

JOHN HEALD,

ESTABLISHED
1842.

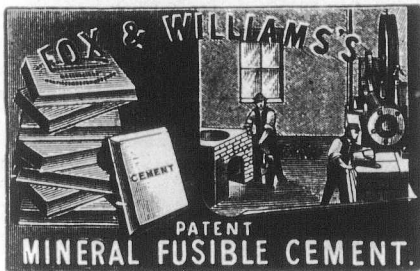
ENGINEER MILLWRIGHT, IRON
AND BRASS FOUNDER, &c.



Chorley, Lancashire, Eng.

Sole Maker of JOHN HEALD'S Patented Doughing and Grinding Machine for Waterproofing. Maker of Mixing, Washing and other India Rubber Works Machinery. Vulcanizing Presses, Pans, Moulds, etc.

FOX & WILLIAMS'S Mineral Fusible Cement,



(The
Strongest,
Hardest,
Most
Effective
and
Economical)

It is invaluable when used to secure shaken Walls or Engine Beds, to run Wall Boxes or Iron Fixings fast in Brick or Stonework, and Bedding on foundations. It makes a PERMANENT, SOLID, FIRM and SUBSTANTIAL JOB.

For Prices and Particulars Apply to

FOX & WILLIAMS,
SOLE MAKERS,

Spread Eagle Works,
Trentham St., Chester Rd., Manchester, England.
Manchester Royal Exchange, Tuesdays & Fridays, Pillar 12, 1 to 2,

C. BEVANS, 92, Highcross Street - LEICESTER, ENG.

Maker of all kinds of Knitting Needles Points, etc.

Sole Maker and Patentee of the **Combined Swing Jack and Needle,**
Made in all Gauges and Designs.

Breakage reduced to a minimum.

50 p.c. Increased Production. 70 p.c. Saving in Waste.

No Jacks used, therefore no soldering.

Every Needle Guaranteed Standard Length.

Applicable to all classes of Circular Machines.

Price Lists and Sample on application.

Special Price to Canadians.

The Best House in the OLD COUNTRY

—For—

PICKLES, SAUCE &
TABLE SALT, IS . .

W. H. FLETT, Ltd.

ALVINA WORKS, Liverpool, Eng.

Write for Price List

Hartley, Baxter & Co. LIMITED.

Electro-Plate and Cutlery Manufacturers.



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



C 119—Pearl, 36s. doz.

Tenter Street, . . SHEFFIELD, England
Catalogue on Application.

Richard Robinson, BRASS and IRON FOUNDER,

Manufacturer of all kinds of
Extra Strong Gun Metal

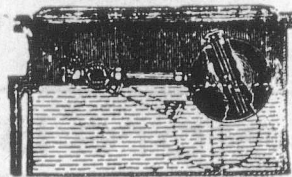
Steam Fittings,

ENGINEERS' AND MILLWRIGHTS' BRASS WORK.

WILLIAM ROBINSON'S Patent Improved

Syphon Box or Steam Trap

Over 50,000 have been sold.



Manor Street Works,
GUIDE BRIDGE,
Nr. MANCHESTER, England.

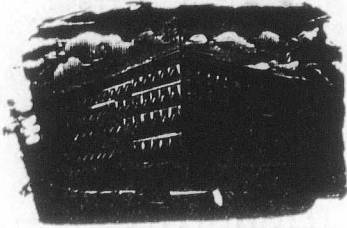
SAYNOR, COOKE & RIDAL,

Manufacturers of every description of

Pen, Pocket & Sportsmans Knives, Pruning & Budding Knives, Vine, Pruning & Fancy Scissors, Garden Shears, and all kinds of Horticultural Tools.

Paxton Works, SHEFFIELD, ENG.

Leading Hotels in Canada.



ROSSIN HOUSE, TORONTO, Canada.
A. Nelson, Proprietor.

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

A. NELSON, Proprietor.

THE RUSSELL,
OTTAWA.

THE PALACE HOTEL OF CANADA.

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

F. X. ST. JAOUES, Propr.

A Good Company to Represent.
A Splendid One to be Insured in.

The steadily increasing amount of new business written indicates the growing popularity of the Company, and the confidence the insuring public place in it.

Active men who desire to work up substantial incomes for themselves by renewals, should correspond with the

THE NORTH AMERICAN LIFE
Assurance Company,
Home Office: TORONTO, Ont.

L. GOLDMAN, Secretary. Wm. McCABE, Managing Director

James Needham

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



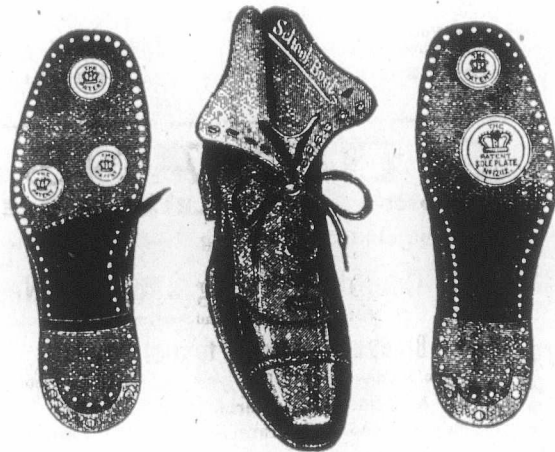
CITY OAK WORKS,
BROWN ST.
And SHOREHAM ST.,
SHEFFIELD,
ENGLAND.

THE
"CROWN"

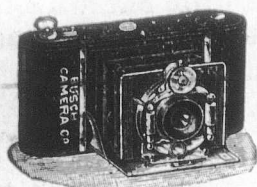
Sole-Plate Boots.

M. J. RICE & SON,
MANUFACTURERS,
4a, Guthlaxton St.,
Leicester, Eng.

The finest Boys' and Girls' BOOTS, made for Canadians under the New Preferential Tariff.



Before Buying a Camera



— SEND FOR OUR LIST OF —

CAMERAS for PLATES or ROLL FILMS

FITTED WITH LENSES WHICH ENABLE YOU TO TAKE

PHOTOGRAPHS IN ALL WEATHER.

BUSCH CAMERA CO., - - 31 Hatton Garden, London, England

WILLIAM ATKINS & Co., LIMITED.

Telegraphic Address :
"RELIANCE, SHEFFIELD."

Corporate Trade Mark.



ATTERCLIFFE,

RELIANCE STEEL WORKS,

Sheffield, England.

Manufacturers of all kinds of Crucible

CAST STEEL

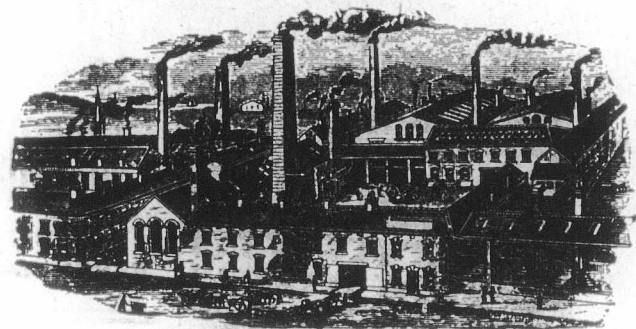
For Engineers, Shipbuilders, Boilermakers and other purposes.

SPECIAL DRILL STEEL

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

TOOL STEEL

For Turning Chilled Rolls, or any Hard Metals.



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

Special terms to Canadians under the New Tariff.

Up-to-Date Canada!

RENOLD CYCLE CHAINS

For 1903.

Fitted by all the leading British Cycle Manufacturers to their High Grade Machines.

MANCHESTER, Eng.

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

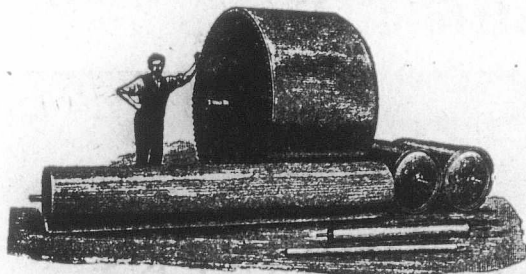
Donovan & Co., Ltd.,

Successors to

J. S. LEACH & Co, Ltd.

Engineers, Tin and
Copper Smiths.

Designers of Special
Machinery.



Broughton Bridge Iron Works,
SALFORD, MANCHESTER. ENGLAND.



A Good Line



Speaking of Printing
"KEYSTONE"
suggests itself at once.

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

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

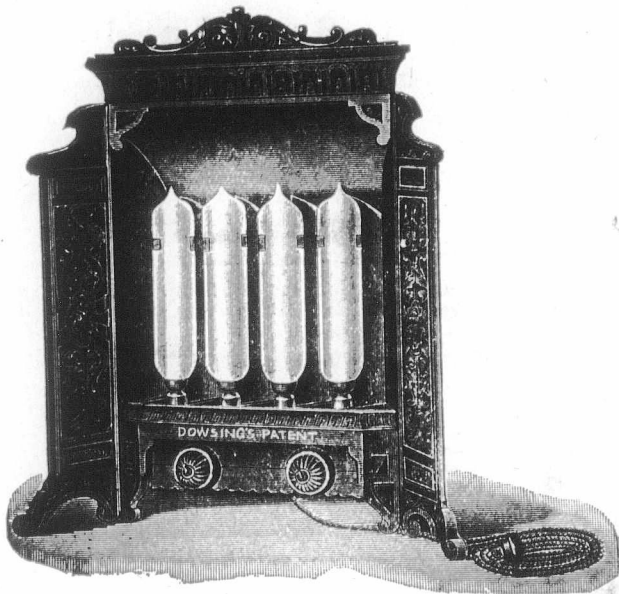
Customers realize the advantage of the boxes.

Send for figures on your next lot.

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

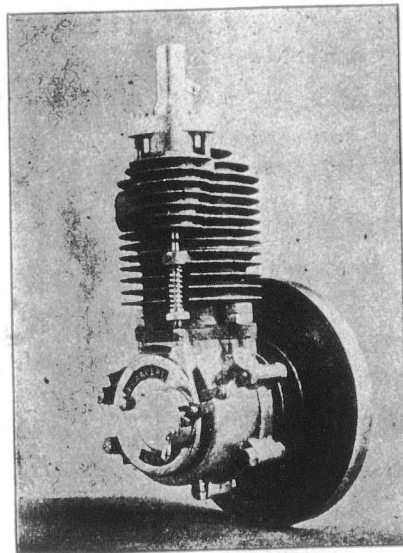
Contractors are invited to apply **Pure Air Radiator**
for particulars of the (ELECTRIC.)

For Diffusing Heat. Portable. No Reduction of Oxygen by Coal Fires. No Deleterious Fumes from Gas Stoves. No Dirt. No Ashes. No Dust. For Hospitals, Infirmeries, Sanitariums, Public Buildings, Private Mansions, &c.



JAMES MELLING, - DASHWOOD HOUSE,
New Broad Street, London, E.C., England.

For • Motor • Cycles



Down Hill, Any-
thing on wheels
will run, BUT Up
Hill....

**CALVERT'S
MOTORS**

ARE
ESSENTIAL.

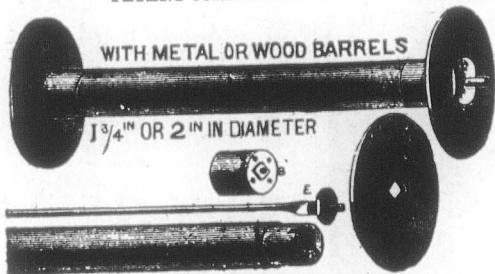
WORKS AND OFFICES:

**12 Woodville Rd., Mildmay Park,
LONDON, N. ENG.**

Specially made for Canadians under the
New Preferential Tariff.

JOHN • KAY,

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



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

TELEGRAMS: "HOSIERS, LEICESTER." A.B.C. Code, 4th Ed.

**A. B. HUGHES & CO.,
Hosiery Manufacturers,**

Great Central Street, - **LEICESTER, England.**
Special rates to Canadians under the New Tariff.

SPECIALITIES.

- Men's Cardigan Jackets, in Black, Brown, Navy, Khaki and Natural Brown.
- Men's Fancy Sweaters, in White, Grey, Heather, etc.
- Gent's Golf and Cycle Hose, in large variety, Plain and Fancy Tops, etc.
- Men's Natural Ribbed Body Belts, as supplied for Government use.
- Ladies' Skirt Knickers, in Navy Serge, Fancy Tweeds, Cords, etc.
- Men's Fancy Knitted Vests.
- Men's Ribbed Hose and Half-Hose, in Heathers, Fancy Mixture Fingerings, Sels, etc.
- Grey Military Half-Hose, Ribbed and Plain.
- Black Knicker Ribbed Hose, in Boy's and Women's.
- Patent Loop and Nett White Cotton Braces.

CONTRACTORS TO HER MAJESTY'S GOVERNMENT.

ATKINSON BROTHERS, LTD.,

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



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

... FOR

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

TELEGRAMS "RIVET SHEFFIELD" NATIONAL TELEPHONE 761.

HENRY COOPER & Co

MAKERS OF

RIVET MAKING MACHINES

AS SUPPLIED TO THE
RUSSIAN & JAPANESE GOVERNMENTS
DRAWINGS & PARTICULARS ON APPLICATION

ALSO
MAKERS
OF

STEEL & IRON RIVETS

TO STAND TESTS OF
ADMIRALTY, BOARD OF
TRADE, LLOYDS, INDIA
OFFICE & Etc

WHEEL VALVES
SIGHT FEED
LUBRICATORS
WATER GAUGE
FITTINGS
MARINE
LUBRICATORS
FUSIBLE
PLUGS & Etc

HEAVY & LIGHT
CASTINGS
IN BRASS, GUN METAL,
PHOSPHOR BRONZE,
ANTI-FRICTION METALS & c.

STEAM
&
HYDRAULIC COCKS

VULCAN RIVET & BRASS WORKS
SHEFFIELD ENGLAND




T. J. HAYES, Special Attention paid to Export Orders.

Maker of every description of

Wire Mattresses.

5 1/2 Years with Rowcliffe's, Levenshulme.

35 Hood Street, Jersey Street, - ANOATS,
MANCHESTER, ENGLAND.

(Cut will be inserted as soon as made.)

Rigby, Wainwright & Co.,

Manufacturers,

Neptune Works - MANCHESTER, Eng

Cotton Waste, Sponge Cloths and Lamp Wicks.

Flags of all Nations,
Buntings, Dusters, Scourers, &c.

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

E. L. Laxton & Co.,

Boot and Shoe Manufacturers,

SPECIALITY:

Children's Shoes,

24a Queen Street,
LEICESTER, = = England.

Cuts will be inserted when received.

W. O. TOONE & CO.,

WHOLESALE AND EXPERT

Boot and Shoe
Manufacturers

Children's Shoes—Speciality,

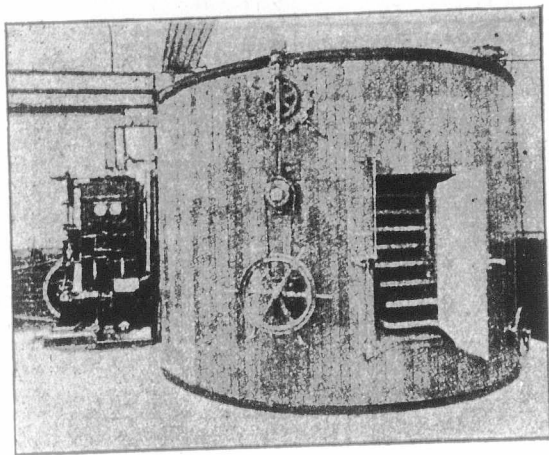
Factory: "STAR" WORKS, BLABY,
Rutland Street, LEICESTER, England.

This firm makes only Children's Shoes, under the New Tariff.

Cuts will be inserted when photo received.

A Revolution In Refrigeration ...

No loss of cold.



No. 4, Cooler as used for Chocolate Cooling.

**THE EXPRESS . . .
ROTARY COOLER.**

(McRae & Broadbent's Patents).

Can be used in conjunction with existing plant. Results fully guaranteed. The Ideal Apparatus for Cooling and Preserving Articles of any kind. The highest standard of efficiency and economy.

**THE EXPRESS ROTARY COOLER
SYNDICATE, LTD.**

7 Fenchurch Ave., - London, E.C., Eng.

WORKS:
Forest Road, Dalston.

Special prices to Canadians under the new tariff.

ARE YOU WANTING
A REALLY GOOD

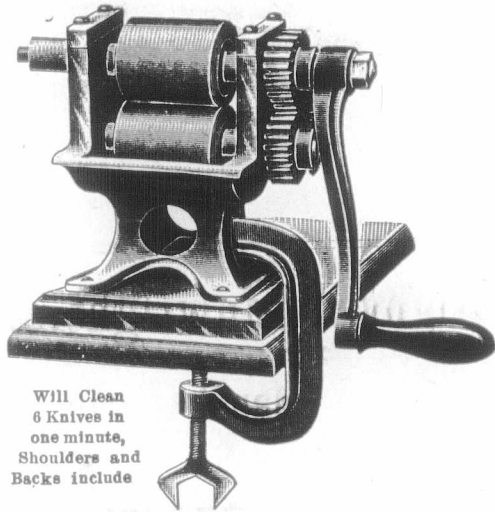
KNIFE CLEANER?

TRY KNIGHTS PATENT.

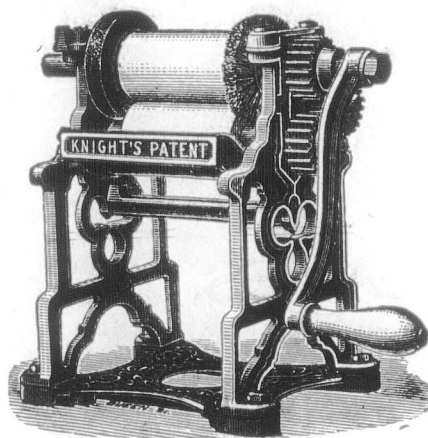
THE BEST MACHINE TO USE OR SELL.

Made in 5 Sizes for 12/6 to 30

KNIVES
POLISHED
LIKE
SILVER.



Will Clean
6 Knives in
one minute,
Shoulders and
Backs include



Will clean 8 Knives or 8 Forks in
one minute.

NO
DAMAGE
TO
CUTLERY.

SPLENDID VALUE. QUICK SELLING LINE.

MANUFACTURED SOLELY BY

John Crowley & Co., Ltd., Sheffield, Eng.

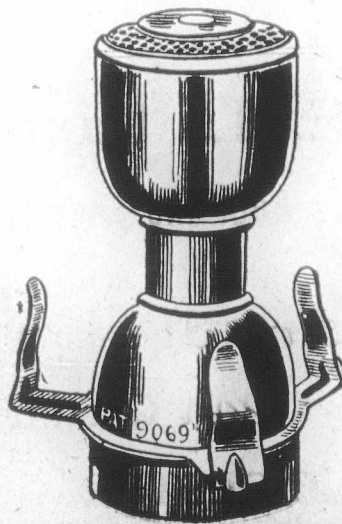
THE "PATENT" BURNER.

English and Continental Patenets Secured.

**The New Export Incandescent Lighting Company, Ltd.,
36 Mansell St., LONDON, E. Eng.**

having had numerous enquiries for a Burner which being simple in construction and easy to clear shall meet the popular demand as to price, have pleasure in submitting this Burner with confidence to their Clients.

It is **Brass** throughout, consisting of two pieces only—the one part is shewn in Fig. 3, containing the gallery holder, chimney guard and injector, this latter having in its base a threaded orifice to take the adapter. The second part is shewn in Fig. 1, which completes the burner. This section is gently inserted into the support shewn in Fig. 3. It is manufactured to fit perfectly so as to prevent escape of gas or the ingress of air save and in the space manner specially provided.



The
HE

Capital
Surplus
Paid Po

H. RUSSE

ON

Scotti

M. BENN
Capital ...
Total Ass

WALTER K



Insurance.

The Federal Life ASSURANCE COMPANY.

HEAD OFFICE - HAMILTON, CANADA.

Capital and Assets	- - -	\$2,319,925.58
Surplus to Policyholders	- - -	1,029,075.84
Paid Policyholders in 1901	- - -	182,925.67

MOST DESIRABLE POLICY CONTRACTS.

DAVID DEXTER,
President and Managing Director.
J. K. McCUTCHEN,
Sup't. of Agencies,
H. RUSSELL POPHAM,
Provincial Manager.

ONE OF THE BEST

Propositions in Life Insurance to-day is the Guaranteed Investment Policy of THE MANUFACTURERS LIFE INSURANCE COMPANY. By this plan the policyholder can borrow all the premiums after the fifth, and should he die between the tenth and the final year of the investment period, all premiums paid after the tenth will be returned with the face of the policy, thus overcoming the objection to the ordinary method of accumulating the profits during the investment period.

Give your age next birthday when writing for rates.

Head Office—Toronto.

Scottish Union and National INSURANCE COMPANY.
Of Edinburgh, Scotland.

ESTABLISHED 1834.

M. BENNETT, Jr., Gen. Manager North American Branch, Hartford, Conn	
Capital	\$30,000,000
Invested Funds	\$13,500,000
Total Assets	\$4,479,795
	Deposited with Dom. Govt., 125,000 (Market value.)

WALTER KAVANAGH, Resident Agent, 117 St. Francois Xavier St., MONTREAL

Insurance.

British * America ASSURANCE COMPANY.

HEAD OFFICE, - - - TORONTO,

Incorporated 1833.

FIRE AND MARINE.

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

GEO. A. COX, President. J. J. KENNY, Vice-Pres. P. H. SMITH, Secretary
C. R. G. JOHNSON, Res. Agent, 1723 Notre Dame St., MONTREAL.

Right and Fair

THE right plans of Life Insurance, honest in purpose, correct in principle; fair methods of dealing with policyholders and agents impartial in treatment, just in settlements—all cardinal aims of the management of the UNION MUTUAL.

Union Mutual Life Insurance Co.,
Portland, Maine.

FRED E. RICHARDS, President.
ARTHUR L. BATES, Vice President.
Good Agents always welcome; satisfactory territory open for men of that stamp.

Address:—HENRI E. MORIN, Chief Agent for Canada, 151 St. James St., Montreal, Canada.

For Agencies in the Western Division, Province of Quebec and Eastern Ontario apply to WALTER I. JOSEPH, Manager, 151 St. James St., Montreal.

(FOUNDED 1835.)

Law Union & Crown Ins. Co.,

(OF LONDON.)

Assets exceed, - - - \$22,000,000.

Fire risks accepted on most every description of insurable property.
Canadian Head Office: BEAVER HALL, MONTREAL
J. E. E. DICKSON, Manager.
Agents Wanted throughout Canada.

Cables: "Humphreys Knightsbridge, London." Code: A.B.C.

ESTABLISHED 1834.

HUMPHREYS LIMITED

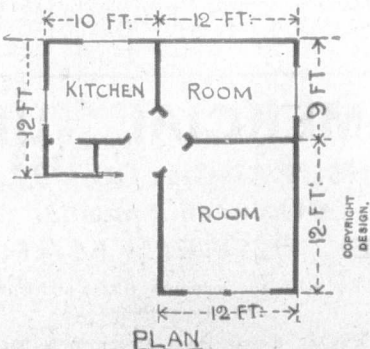
Manufacturers and Shippers of

IRON BUILDINGS

To all Parts of the World.

Shipping Price Lists and Designs on Application
(Highest Awards—21 Gold and Silver Medals.)

HUMPHREYS Ltd., KNIGHTSBRIDGE, London, S.W. Eng



NEW YORK LIFE

INSURANCE COMPANY.

JOHN A. McCALL, President.

Gain in Insurance in force 1901
\$168,000,000

AN UNPARALLELED RECORD.

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

WESTERN CANADA BR., 496 1/2 Main St., Winnipeg, Man.
N. B. BR., 12 Prince William St., St. John, N. B.
TORONTO BRANCH, 6 King St., West, Toronto, Ont.
HALIFAX BR., Barrington and Prince Sts.

G. F. JOHNSTON,

AGENCY DIRECTOR,

Company's Building, MONTREAL

J. DUNCAN DAVISON

Imperial Bdg. 107 St. James Street,
Montreal.

→ . . . COMMISSIONER

For Following Provinces:

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

LIVERPOOL & LONDON & GLOBE

INSURANCE COMPANY.

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

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

Canada Board of Directors:

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

Head Office, Canada Branch:

MONTREAL

THE WATERLOO MUTUAL

Fire Insurance Company.

Established in 1863. Head Office, Waterloo, Ont.

Total Assets, Jan. 1, '94, \$349,734.71.

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

CONFEDERATION LIFE ASSOCIATION.

Policies Issued on all Approved Plans.

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

W. C. MACDONALD,
Actuary.

J. K. MACDONALD,
Managing Director.

Head Office, - TORONTO.

Montreal Office:

174 ST. JAMES ST.,

PARTNERSHIP INSURANCE POLICIES

THE ROYAL-VICTORIA LIFE INSUR. CO. has perfected a convertible Policy adapted to the conditions of business partnerships of two, three or four members of varied ages

The Policy Guarantees CASH LOANS, SURRENDER VALUES and NON-FORFEITABLE INSURANCE and an equitable division of the Insurance to each partner, in case of a dissolution of the firm.

CHILDREN'S ENDOWMENT POLICIES

THE ROYAL-VICTORIA LIFE has also perfected Child's Endowment Policy payable to the child at the end of a certain period. If the parent dies before the period expires, all premiums cease.

This Policy also Guarantees CASH LOANS and SURRENDER VALUES

Particulars on application to any agent, or to the Head Office, Place d'Armes, Montreal.

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

NATIONAL ASSURANCE COMPANY

OF IRELAND.

ESTABLISHED 1822.

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

Canadian Branch:

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

H. M. LAMBERT, - MANAGER.

THE GOLD FOUNTAIN PEN

English Made

OF THE CENTURY.

Hall Marked

Has no Equal.

Prices to all Classes, \$1.00 each.

Writes Easily, Smoothly and Fluently. Every dealer should stock them.

The Imperial Pen Co'y.

78 Newgate Street,
LONDON, E.C., England.

Manufactured for the Canadian Market, in England, 33 1/2 p.c. less, under the New Preferential Tariff.

WESTERN ASSURANCE COMPANY.

FIRE AND MARINE. Incorporated 1851.

Assets, over \$3,260,000.00
Annual Income, 3,880,000.0

Head Office, - Toronto, Ont.

Hon. Geo. Cox, Pres. J. J. KENNY Vice-Pres. & Man.-Dir
C. C. FOSTER, Secretary.

Montreal Branch, - 189 ST. JAMES STREET.

ROBT. BICKERDIKE, Manager.

ROUTE & CHARLTON, City Agents.

ALLIANCE ASSURANCE CO., LIMITED,

(With which is united the IMPERIAL FIRE OFFICE, established in 1803.)

Capital, \$25,000,000.

Head Office for Canada, - IMPERIAL BUILDINGS, MONTREAL.

P. M. WICKHAM,
Manager.

G. R. KEARLEY,
Asst. Manager

COMMERCIAL UNION

ASSURANCE CO., Ltd.,

Of London, England.

FIRE LIFE MARINE

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

HEAD OFFICE, Canadian Branch, - MONTREAL.

JAMES MCGREGOR, Manager.

Over 3,200 Machines Sold.
Special Machines for DAIRIES, BUTCHERS, Etc.
WRITE FOR INFORMATION:

208 A

The Lindo British Refrigerator Co., Ltd.
ST. JAMES ST., - MONTREAL.
SOLE MANUFACTURERS
COLD-AIR-CIRCULATION SYSTEM.

THE CANADIAN
JOURNAL OF COMMERCE
FINANCE AND INSURANCE REVIEW.

McINTYRE SON & Co.,
MONTREAL.
IMPORTERS of DRY GOODS.

DRESS GOODS,
SILKS,
LINENS,
SMALL WARES,
TREFOUSSE KID GLOVES,
ROUILLON KID GLOVES.

18 VICTORIA SQUARE.

ALFRED T. HOLLAND.
Accountant and General Agent,
TEMPLE BUILDING,
185 ST. JAMES STREET,
MONTREAL, Que.
REPRESENTING
The North American Mercantile
Agency Co., New York.
The Ottawa Trust & Deposit Co.,
Ottawa.

Respectfully solicits correspondence with Foreign
business firms and manufacturers who may re-
quire a correspondent or agent in the Dominion
of Canada.
References kindly permitted. The Editor of this
paper and the Royal Bank of Canada.

ROOFING AND ASPHALTING
OF EVERY DESCRIPTION.

Metal Cornices, Skylights, &c.,
Cement and Tile Floors,
Cement Washtubs
&c.
CANADIAN AGENTS:
Boston Hot Blast Heating, and Pneu-
matic System of conveying Mill Stock.

GEO. W. REED & CO.,
MONTREAL.

McArthur, Corneille & Co.
310 to 316 St. Paul Street
AND
147 to 151 Commissioners St.,
MONTREAL.
Manufacturers and Importers of
White Lead, Colors,
Glass, Varnishes,
Glues, &c.
Oils, Chemicals, Dyestuffs,
Tanning Materials, &c.
AGENTS FOR
BERLIN ANILINE CO.,
Berlin, Germany.
Manufacturers of Aniline, Colors and
other Coal Tar Products.

X The following Brands X
Manufactured by
THE American Tobacco Co.
OF CANADA, Limited,
Are sold by all the Leading Wholesale
Houses

CUT TOBACCOS,
Old Chum,
Seal of North Carolina,
Old Gold.
CIGARETTES
Richmond Straight Cut,
Sweet Caporal,
Athlete, Derby.
X X

"Destructors for Town Garbage"


Horsfall Destructor Co., Ltd., Leeds, Eng.
Canadians can purchase these furnaces at
88 1/2 p.c. cheaper than any other Country.

JAMES CORISTINE & CO.,
Limited.

Manufacturers and
Importers of

**HATS
CAPS
AND FURS**

MONTREAL.

FOR SALE-PROPERTIES.

About 4000 square feet on Genevieve
street, Montreal, suitable for a factory;
37 to 40 feet frontage.

A fine farm in the Niagara Peninsula;
stone Residence and Lodge; perennial
stream; tramway to the Falls; 1/2 mile
to market, churches, schools.

A 25-acre lot in Putnam country,
Florida, between 2 clear lakes; 1 1/2
mile from Interlaken or Mannville
railway station.

Apply to the owner,
M. S. FOLEY,
"Journal of Commerce," Montreal, Canada.

**WE SUPPLY THE MATERIAL
OR CONTRACT TO COVER**

STEAM PIPES and BOILERS

H. McLAREN & Co
706 CRAIG STREET,
MONTREAL
Tel. Main 2306.
AGENTS FOR
Eyre's Mineral Wool and Asbestos Company.

Telegraphic Address:
"SWINDEN, LONDON."

C. F. E. Swinden & Co.,

MANUFACTURERS
OF

Mining ^{And} Contractors
Plant
Specialities.



18 AND 20
QUEEN VICTORIA STREET,

London, E.C., Eng.

We don't mention minor successes. These are international events.

Paris-Berlin.
Paris-Bordeaux.
Circuit du Nord.
Paris-Vienna.

All won on WERNER'S.

THE

WERNER MOTOCYCLETTE.

We were the first people to build a practical MOTOR BICYCLE, and we have had years more experience than any other firm.

We are about to appoint Sale Agents in all the chief towns in Canada, and will quote to

Cycle
Agents

very special terms, under the New Preferential Tariff.

Werner Motors, Ltd.,

151a Regent Street,
LONDON W. ENGLAND.

Fast Metal-Edging ²/₃ Studding Machines

(PATENTED.)

(Endless Roll System.)

Still the **SIMPLEST, CHEAPEST**
and **BEST BUILT** Machine
for the Trade.

Every Machine Guaranteed.
Popular Prices and Terms.

For particulars of this and our **NEW BENDING MACHINE**, which will bend every kind of Leather, Pulp and Strawboard write or see

The Box Making Machinery & Engineering Co.,
78 Turnmill St.,
CLERKENWELL RD., London, E.C., Eng.

These Box Machines, which are made in England for the Canadian Market, are sold 33 1/3 p.c. less than from any other Country.

