

The Linde British Refrigerator Co., Ltd.
301 ST. JAMES ST., MONTREAL.
Sole Manufacturers
Cold-Air-Circulation System.

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

THE CANADIAN
JOURNAL OF COMMERCE
FINANCE AND INSURANCE REVIEW.

Vol. 53. No. 14.
NEW SERIES.

MONTREAL, FRIDAY, OCTOBER 4, 1901.

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.

13 VICTORIA SQUARE.

**Abenakis
Mineral
Water**

TAKEN
FOR
HEALTH
GIVES
PLEASURE.

TAKEN
FOR
PLEASURE
GIVES
HEALTH.

Health and Pleasure bottled together. A recognized specific for all diseases of the Stomach, Kidneys, Blood & Nerves. A snappy, sparkling NATURAL Mineral Water of unexcelled flavor. Used as a table water, there is no need of medicine to aid digestion. Bottled at the Famous Abenakis Springs, the "Carlsbad of Canada."

For sale by grocers and druggists.

R. G. KIMPTON, Manager,
Abenakis Springs, P.Q.

Special Agent: F. LOHMANN,
346 St. James St., MONTREAL.

ROOFING AND ASPHALTING

OF EVERY DESCRIPTION.

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

CANADIAN AGENTS:
Boston Hot Blast Heating, and Pneumatic 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.

JAMES CORISTINE & Co.,

(LTD.)

Manufacturers and Importers of

Hats

Caps

and Furs

MONTREAL.

The following Brands
Manufactured by . . .

THE American Tobacco Co.
OF CANADA, Limited,

Are sold by all the Leading Wholesale
Houses . . .

OUT TOBACCOOS.

Old Chum,
Seal of North Carolina,
Old Gold.

CIGARETTES

Richmond Straight Cut,
Sweet Caporal,
Athlete, Derby.

MARK FISHER SONS
AND COMPANY,

Merchant Tailors and
Woolen Buyers

will find our Stock replete with all the Latest Novelties selected in the Home and Foreign Markets.

We have never shown a more extensive line of . . .

STAPLE WOOLLENS

than we are doing at present.

Our Tailors' Trimming Dep't
is also more than usually complete.

Mark Fisher, Sons & Co.,
VICTORIA SQ., - MONTREAL

**Destructors and
Boiler Furnaces.**

HORSFALL DESTROYER CO.,
Ltd.,
LEEDS, England.

Canadians can purchase these furnaces under the new Canadian Tariff, 33½ p. c. cheaper than any other Country.

**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.

The Chartered Banks.

THE CANADIAN BANK OF COMMERCE

HEAD OFFICE, TORONTO.
Paid-up Capital, \$8,000,000
Rest, 2,000,000

DIRECTORS:
President, Hon. GEO. A. COX
Vice-President, ROBERT KILGOUR, Esq.
Jas. Crathern, Esq., W. B. Hamilton, Esq., John Hoskin, Esq., K. C., LL. D., Matthew Leggat, Esq., J. W. Flavelle, Esq., W. E. H. Massey, Esq., A. Kingman, Esq.
B. E. WALKER, General Manager.
J. H. PLUMMER, Asst. General Manager.
A. H. Ireland, Chief Insp'r and Supt. of Branches.

BRANCHES OF THE BANK IN CANADA.

ONTARIO: Simcoe, Stratford, Strathroy, Toronto, Toronto Jc., Walkerton, Walkerville, Waterloo, Windsor, Woodstock.
QUEBEC: Dawson, White Horse.

BRITISH COLUMBIA: Sandon, Vancouver, Victoria.

IN GREAT BRITAIN: London, 60 Lombard St., E. C. S. C. Alexander, Mgr
IN THE UNITED STATES: New York, San Francisco, Cal.; Portland, Ore.; Seattle, Wash.; Skagway, Alaska.

Bankers in Great Britain: The Bank of Scotland, London; Lloyds Bank, Limited; Messrs. Smith Payne & Smiths, London.
Correspondents Abroad: France—Credit Lyonnais, Paris; Messrs. Lazard Freres & Cie., Paris.
Germany—Deutsche Bank, Holland—Disconto Maatschappij, Rotterdam; Belgium—J. Matthieu & Fils, Brussels; Mexico—Banco de Londres y Mexico; West Indies—Bank of Nova Scotia, Kingston, Jamaica; Colonial Bank and Branches, Bermuda—Bank of B mda, Hamilton. South America—British Bank of South America, London and Brazilian Bank, India, China and Japan—Chartered Bank of India, Australia & China, Limited, Africa—Standard Bank of South Africa, Limited, Bank of Africa, Limited, Australia & New Zealand—Union Bank of Australia, Limited; Bank of Australasia, Honolulu—First National Bank of Hawaii, Bishop & Co.

Traders Bank of Canada

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

Board of Directors:
C. D. Warren, Esq., President.
John Drynan, Esq., Vice-President.
Hon. J. R. STRATTON, C. KLOEFFER, Esq. M.P., Toronto.
J. H. BEATTY, Esq., of Thorold.
W. J. SHEPPARD, Wauhaushere.

Head Office, Toronto.
H. S. STRATHY, General Manager.
J. A. M. ALLEY, Inspector.

BRANCHES:
Arthur, Ont., Hamilton, Sarnia.
Aylmer, Ingersoll, Sault Ste. Marie,
Burlington, Leamington, Strathroy,
Drayton, Newcastle, St. Mary's,
Dutton, North Bay, Sturgeon Falls,
Elmira, Orillia, Sudbury,
Glencoe, Port Hope, Tilsonburg,
Grand Valley, Ridgeway, Windsor,
Guelph.

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

BANQUE D'HOCHELAGA.

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

DIRECTORS:
F. X. ST. CHARLES, President.
Hon. J. D. Rolland, J. A. Vaillancourt, Esq., and Alphonse Turcotte, Esq.,
M. J. A. PRENDERGAST, Gen'l Manager
C. A. GROUT, Assistant Manager
C. E. DORAIS, Inspector

Head Office, Montreal.
BRANCHES—Quebec, P. Q., Vankleek Hill, Ont.
Three Rivers, P. Q., Winnipeg, Man.
Joliette, P. Q., St. Henri, near Montreal
Sorel, P. Q., 1393 St. Catherine "
Valleyfield, P. Q., 1756 "
Louisville, P. Q., 2317 Notre Dame "
Sherbrooke, P. Q., Hochelaga, "

CORRESPONDENTS: Nat'l Park Bank, Nat'l City Bank, Importers & Traders National Bank, Mchts National Bank, M.M. Ladenburg, Thalmann & Co., M.M. Heidelbach, Ickelheimer & Co., M.M. Kountze Brothers, New York. Third National Bank, International Trust Co., National Bank of Redemption, National Bank of the Commonwealth, Boston. National Live Stock Bank, Illinois Trust and Savings Bank, Chicago. The Clydesdale Bank (Limited), Credit Lyonnais de Paris, Credit Industriel & Commercial, Comptoir National d'Escompte de Paris, London, Eng. Credit Lyonnais, Société Générale, Crédit Industriel & Commercial, Comptoir National d'Escompte de Paris, Paris, France. Crédit Lyonnais, Brussels, Belgium. Deutsche Bank, Berlin, Germany. Banque Imp. Royale & Priv. des Pays Autrichiens Vienna, Austria. Banque de Rotterdam, Rotterdam, Holland.
Letters of Credit issued available in all parts of the World. Interest on deposits allowed in Savings Department.

The Chartered Banks.

BANK OF HAMILTON.

CAPITAL paid up, \$1,995,750
RESERVE FUND, 1,500,000
HEAD OFFICE, HAMILTON.

Directors:
President, JOHN STUART,
Vice-President, A. G. RAMSAY,
Geo. Roach, Wm. Gibson,
Hon. A. T. Wood, A. B. Lee, (Toronto.)
J. TURNBULL, Cashier.
H. S. STEVEN, Assistant Cashier.

AGENCIES:
Beamsville, Hamilton, Palmerston, Plum Coulee, M.
Berlin, Barton St., Port Elgin,
Blyth, Hamiota, Man. Port Rowan,
Brandon, Man. Jarvis, Simcoe,
Carman, Man. Listowel, Southampton,
Chesley, Lucknow, Stonewall, M.,
Delhi, Manitou, Man. Toronto,
Dundalk, Milton, Vancouver, B.C.
Dundas, Mitchell, Winkham,
Georgetown, Morden, Man. Winkler, Man.
Gorrie, Niagara Falls, Winnipeg, Man.
Grimsby, Orangeville,
Hamilton, E. End Owen Sound.

British Correspondents:—National Provincial Bank of England [Ltd.] London.
American Correspondents:—New York—Fourth National Bk. and Hanover National Bk. Boston—International Trust Co. Buffalo—Marine Bank. Chicago—Union National Bank. Detroit—Detroit National Bank. Kansas City—National Bank of Commerce. St. Louis—National Bank of Commerce.

Eastern Townships Bank.

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

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

HEAD OFFICE, SHERBROOKE, Que.
Wm FARWELL, General Manager.
Branches: Province of Quebec—Montreal, Waterloo, Cowansville, Rock Island, Coaticook, Richmond, Granby, Huntingdon, Bedford, Magog, St. Hyacinthe, Ormstown. Province of B.C.—Grand Forks, Phoenix.

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.

The Dominion Bank.

NOTICE is hereby given that a Dividend of 2½ per cent. upon the Capital Stock of this Institution has been declared for the current quarter, being at the rate of 10 per cent. per annum, and that the same will be payable at the Banking House, in this city, on and after Friday, the first day of November next. The transfer books will be closed from the 21st to the 31st October next, both days inclusive. By order of the Board. T. G. BROUGH, Gen. Manager. Toronto, September 25th, 1901.

The Standard Bank of Canada

Capital Paid-up, \$1,000,000
Reserve Fund, 750,000
HEAD OFFICE, TORONTO.

DIRECTORS:
W. F. COWAN, President.
JOHN BURNS, Vice-President.
W. F. Allan, Fred. Wyld,
T. R. Wood, Jas. Scott, A. J. Somerville

AGENCIES:
Alles Craig, Cannington, Kingston,
Bowmanville, Chatham, Markham,
Brantford, Colborne, Parkdale, Toronto
Bradford, Durham, Picton,
Brighton, Forest, Richmond Hill,
Brussels, Harriston, Stouffville,
Campbellford.
BANKERS
New York—Importers and Traders National Bank
Montreal—Can. Bank of Commerce.
London, England—National Bank of Scotland.
All banking business promptly attended to. Correspondence solicited.
GEO P REID, General Manager.

The BANK OF OTTAWA.

Established, 1874
HEAD OFFICE, Ottawa, Canada,
Capital (authorized) \$2,000,000
Rest, 1,665,000

DIRECTORS:
CHARLES MAGEE, President.
GEORGE HAY, Vice-President.
Hon. Geo. Bryson, Alex. Fraser, John Mather, David MacLaren, D. Murphy.
GEO. BURN, Gen. Mgr.—D. M. FINNIE, Ottawa Mgr.
Branches: Ontario—Alexandria, Arnprior, Avonmore, Bracebridge, Carleton Place, Cobden, Hawkesbury, Keewatin, Kemptville, Lanark, Mattawa, Ottawa, Wellington Street, Bank Street, Rideau St., Somerset Street, Parry Sound, Pembroke, Rat-Portage, Renfrew, Smith's Falls, Toronto, Vankleek Hill, Winchester, Quebec—Granby, Hull, La chute, Montreal, Shawinigan Falls, Manitoba—Dauphin, Portage la Prairie, Winnipeg.

The Chartered Banks.

UNION BANK OF CANADA

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

Board of Directors:
President, ANDREW THOMSON, Esq.
Vice-President, HON. JOHN SHARPLES,
D. C. Thomson, Esq., E. J. Hale, Esq.
Ed. Groulx, Esq., Wm. Shaw,
Wm. Price, Esq.

E. E. Webb, Gen. Manager
J. G. Billett, Inspector
F. W. S. Crispo, Asst. Inspector

Branches:
Alexandria, Ont. Indian Hd., n.w.t. Pincher Creek, N.W.T.
Boissevain, Man. Killarney, Man. Quebec, Que.
Calgary, n.w.t. Lethbridge, n.w.t. do St. Louis St.
Carberry, Man. Macleod, n.w.t. Regina, n.w.t.
Carleton Place, O. Manitou, Man. Smith's Falls, O.
Carman, Man. Merrickville, Ont. Shelburne, Ont.
Crystal City, M. Melita, Man. Windsor, Man.
Deloraine, Man. Minnedosa, Man. Souris, Man.
Edmonton, n.w.t. Montreal, Que. Toronto, Ont.
Glenboro, Man. Moosomin, n.w.t. Virden, Man.
Gretna, Man. Moose Jaw, n.w.t. Wawanesa, Man.
Hamiota, Man. Morden, Man. Warton, Ont.
Hartney, Man. Neepawa, Man. Winchester, Ont.
Hastings, Ont. Norwood, Ont. Winnipeg, Man.
Holland, Man. Yorkton, N.W.T.

Foreign Agents:
London, Parr's Bank, Limited
Liverpool, " "
New York, National Park Bank
Minneapolis, National Bank of Commerce,
St. Paul, St. Paul National Bank.
Great Falls, Mont. First National Bank.
Chicago, Ill. Commercial National Bank.
Buffalo, N. Y. The City National Bank.
Detroit, Mich. First National Bank

THE QUEBEC BANK.

HEAD OFFICE, QUEBEC
Founded 1818 Incorporated 1822
CAPITAL AUTHORISED \$3,000,000
PAID-UP 2,500,000
REST 700,000

DIRECTORS:
President, JOHN BREAKLEY,
Vice-President, JOHN T ROSS,
Gaspard Lemoine, W. A. Marsh, Vevey Boswell,
F. Billingsley, Edson Fitch.
THOMAS MCDUGALL, Gen. Manager.

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

HALIFAX BANKING CO

Incorporated 1872.
Capital Paid-Up, \$600,000
Reserve Fund, 475,000
HEAD OFFICE, HALIFAX, N.S.

DIRECTORS:
ROBIE UNIAKKE, President.
C. W. ANDERSON, Vice-President.
JOHN MACNAB, W. J. G. THOMSON, W. N. WICKWIRE
H. N. WALLACE, Cashier.
A. ALLAN, Inspector.

BRANCHES:—Nova Scotia: Halifax, Amherst, Antigonish, Barrington, Bridgewater, Canning, Lockeport, Lunenburg, Middleton, New Glasgow, Parrsboro, Shelburne, Springhill, Truro, Windsor, New Brunswick: Sackville, St. John.
CORRESPONDENTS:—Dominion of Can.—Molsons Bank and Branches. New York—Fourth National Bank. Boston—Suffolk National Bank London. England—Parr's Bank, Limited.

BANK OF NOVA SCOTIA.

INCORPORATED 1832.
Capital Paid-up, \$2,000,000.00
Reserve Fund, 2,600,000.00
HEAD OFFICE, HALIFAX, N.S.

DIRECTORS:
JOHN Y. PAYZANT, President
CHARLES ARCHBOLD, Vice-President
R. L. BORDEN, J. WALTER ALLISON
GEO. S. CAMPBELL, HECTOR MCINNIS.

General 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, Glace Bay, Halifax, Kentville, Liverpool, New Glasgow, North Sydney, Oxford, Pictou, Pugwash, Stellarton, Westville, Yarmouth.
In New Brunswick—Campbellton, Chatham, Fredericton, Moncton, Newcastle, St. John, St. Stephen, St. Andrews (sub. to St. Stephen), Sussex, Woodstock.
In P. E. Island—Charlottetown and Summerside in Quebec—Montreal and Paspébiac.
In Ontario—Almonte, Arnprior, Berlin, Ottawa, Toronto.
In Manitoba—Winnipeg.
In Newfoundland—St. John's and Harbor Grace.
In West Indies—Kingston, Jamaica.
In United States.—Boston, Mass.: Calais, Maine. Chicago, Ill.

The Chartered Banks.

Imperial Bank of Canada.

Capital (paid up) \$2,500,000
 Rest 1,850,000

DIRECTORS.

H. S. HOWLAND, President.
 T. R. MERRITT, Vice-President.
 Wm. Ramsay, Robert Jaffray,
 T. Sutherland Stayner, Elias Rogers, Wm. Hendrie.

HEAD OFFICE, TORONTO.

D. R. WILKIE, General Manager.

BRANCHES IN ONTARIO.

Essex, Listowel, St. Catharines,
 Fergus, Niagara Falls, Sault Ste. Marie
 Galt, Ottawa, St. Thomas,
 Hamilton, Port Colborne, Toronto,
 Ingersoll, Rat Portage, Welland,
 Woodstock.

BRANCH IN QUEBEC.—Montreal.

BRANCHES IN NORTH WEST AND BRITISH COLUMBIA.

Brandon, Man. Prince Albert, Sask.
 Calgary, Alta. Revelstoke, B.C.
 Edmonton, Alta. Strathcona, Alta.
 Golden, B.C. Vancouver, B.C.
 Nelson, B.C. Winnipeg, Man.
 Portage La Prairie, Man.

AGENTS.—London, Eng., Lloyd's Bank, Limited,
 New York, Bank of Montreal, Bank of America.
 Sterling exchange bought and sold. Letters of
 Credit issued available in any part of the world.

La Banque Nationale.

HEAD OFFICE, QUEBEC.

Capital Paid-Up, \$1,200,000.00
 Rest, 275,000.00
 Undivided Profits, 54,738.91

DIRECTORS:

R. AUDETTE, Esq., President.
 A. B. Dupuis, Esq., Vice-President
 Hon. Judge Chauveau, V. Chateaufort, Esq.,
 N. Rioux, Esq., N. Fortier, Esq.,
 J. B. Laliberté, Esq.,

P. LAFRANCE, Manager. N. LAVOIE, Inspector.

Branches:

Quebec, (St. Roch) Nicolet, P.Q.
 do (St. Johns St.) Rimouski, P.Q.,
 Montreal, Roberval, P.Q.,
 Ottawa, Ont., Sherbrooke, P.Q.,
 Chicoutimi, P.Q., St. Casimir, P.Q.,
 Coaticook, P.Q., St. Francois, Beauce, P.Q.,
 Fraserville, P.Q., St. Hyacinthe, P.Q.,
 Joliette, P.Q., St. Johns, P.Q.,
 Montmagny, P.Q., St. Marie, do
 Murray Bay, P.Q.,

Agents—England—The National Bank of Scot-
 land, London. France—Credit Lyonnais, Paris and
 Branches. United States—The National Bank of
 the Republic, New York; Shoe and Leather
 National Bank, Boston, Mass.
 Prompt attention given to collections.
 Correspondence respectfully solicited.

Union Bank of Halifax.

INCORPORATED 1856.

Capital Authorized, \$1,500,000
 Capital Paid up, 900,000
 Rest, 505,000

DIRECTORS.

WM. ROBERTSON, Esq., President.
 WM. ROCHE, Esq., M.P., Vice-President.
 C. C. BLACKADAR, Esq., J. H. STYMONS, Esq.
 G. MITCHELL, Esq., M.P.P., E. G. SMITH, Esq.
 A. E. JONES, Esq.

HEAD OFFICE: HALIFAX, N.S.

E. L. THORNE, Genl. Mgr.,

C. N. S. STRICKLAND, Inspector.

BRANCHES:

Annapolis, N.S., E. D. Arnaud, Man ger.
 Barrington Passage, N.S., C. Robertson,
 Bridgetown, N.S., N. R. Burrows,
 Broad Cove, C.B., J. A. Irving, Act. Mgr.
 Clarke's Harbour, N.S., C. Robertson,
 Dartmouth, N.S., J. P. L. Stewart, Mgr.
 Digby, N.S., J. E. Allen,
 Glace Bay, C.B., J. W. Ryan,
 Granville Ferry, N.S., E. D. Arnaud, Act. Mgr.
 Halifax, N.S., A. D. McRae, Manager.
 Kentville, N.S., W. C. Harvey,
 Lawrencetown, N.S., N. R. Burrows, Act. Mgr.
 Liverpool, N.S., E. R. Mulhall, Mgr.
 Mabou, C.B., J. R. McLean, Act. Mgr.
 New Glasgow, N.S., R. C. Wright, Manager.
 North Sydney, C.B., C. W. Frazee,
 Sherbrooke, N.S., F. O. Robertson,
 Sydney, C.B., H. W. Jubien,
 Sydney Mines, C.B., R. Creighton, Act. Mgr.
 St. Peter's, C.B., A. F. Little, Manager.
 Wolfville, N.S., J. D. Leavitt,

CORRESPONDENTS:

Bank of Toronto and Branches, Canada.
 National Bank of Commerce, New York.
 Merchants' National Bank, Boston.
 London & Westminster Bank, Lt. London, Eng.
 Royal Bank of Canada, St. John's, Nfld.
 Interest allowed on Deposit Receipts and De-
 posits in Savings Bank Department.
 Collections receive immediate attention and
 prompt returns made.

THE

Ward Commercial Agency

Mercantile Reports. Collections.

Personal Attention. Prompt Returns

246 St. James Street, MONTREAL
 Attention Given to Special Reporting.

Ocean Steamships.

DOMINION LINE
 . . . Steamships.

LIVERPOOL SERVICE

FROM PORTLAND.

*OTTOMAN Oct 5th, 9 a.m.
 VANCOUVER Oct. 12th, 9 a.m.
 DOMINION Oct. 19th, 9 a.m.
 CAMBROMAN Oct 26th, 9 a.m.
 *ROMAN Nov 2nd, 9 a.m.

*These steamers do not carry passengers.

Rates of Passage.

Saloon—\$30.00 and upwards.
 Second Saloon—\$35.00 and \$37.50 according
 to steamer
 Third Class—\$25.00 and \$26.00, according to
 steamer.

FROM BOSTON.

(Via Queenstown)

NEW ENGLAND Oct. 9th
 COMMONWEALTH Oct. 23rd
 NEW ENGLAND Nov. 6th
 COMMONWEALTH Nov. 20th

Rates of Passage.

Saloon—\$50.00 and upwards.
 Second Saloon—\$40.00 and upwards.
 Third Class—\$38.00 to Liverpool, London
 Londonderry, Belfast and Glasgow.
 Midship saloons, electric light, spacious prome-
 nade decks
 For further information apply to any agent of
 the company, or to

DAVID TORRANCE & CO.,

General Agents Montreal.

17 St. Sacrament Street.

Loan Societies.

BONDS
FOR PERMANENT INVESTMENT.

We have purchased, after careful investi-
 gation, various issues of
**Government, Municipal and
 Corporation Bonds**
 which we now offer, to yield from 3 1-2 per
 cent. to 5 1-2 per cent.
 Send postcard for full information to
**THE CENTRAL CANADA
 Loan & Savings Company,
 TORONTO, CANADA.**

The Dominion Savings
 & Investment Society

MASONIC TEMPLE BUILDING,

London, Canada.

Capital Subscribed, \$1,000,000 00
 Total Assets, 31st Dec'br, 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 fol-
 lowing 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.

Business Founded 1795.

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.
 J. K. MYERS, Ass't Treas.
 F. R. MYERS, Ass't Secy.

Oceanic Steamships.

ALLAN LINE

MONTREAL TO LIVERPOOL

VIA

QUEBEC, RIMOUSKI, MOVILLE.
 ROYAL MAIL SERVICE.

NEW STEAMERS.

Tunisian, 10,575 Tons, Twin Screws.
 Bavarian, 10,375 Tons, Twin Screws.
 Ionian, 10,000 Tons, Twin Screws.
 Australasian, 7,765 Tons, Twin Screws.

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

From Liverpool. Steamers. From Montreal.
 12 Sept. . . . Pretorian, new, 28 Sept., 5 a. m.
 19 Sept. . . . Tunisian . . . Fri. 4 Oct., 6 a. m.
 26 Sept. . . . Corinthian . . Sat. 12 Oct., 6 a. m.
 3 Oct. . . . Parisian . . . Sat. 19 Oct., 6 a. m.
 10 Oct. . . . Australasian, Fri. 25 Oct., 10 a. m.

The Tunisian is the largest, fastest and finest
 steamer ever built for the Canadian route.

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: \$50.00 and up-
 wards. A reduction is made on Round Trip
 Tickets, except on lowest rate.

Second Cabin—To Liverpool, London or Lon-
 donderry. \$35 to \$40 Single, \$68.88 to \$76 Return.

Steerage—To Liverpool, London, Glasgow, Bel-
 fast or Londonderry, including every requisite for
 the voyage, \$26.00.

Glasgow, and New York Service
 calling at Londonderry.

From New Pier foot of W. 21st Street, New York
 From Glasgow. From New York.
 14 Sept. Sardinian 2 Oct., 9 a. m.
 21 Sept. Mongolian 9 Oct. 9 a. m.
 28 Sept. State of Nebraska, 16 Oct. 12 noon

Rates: \$103.00 Cabin, \$40 to \$60 Single,
 \$80 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 ROYAL TRUST CO'Y

....MONTREAL....

Capital Authorised - \$5,000,000 00
 Capital Subscribed, - \$500,000 00
 Capital Paid Up, - \$250,000 00

PRESIDENT.

RIGHT HON. LORD STRATHCONA AND MOUNT
 ROYAL, G.C.M.G.

VICE-PRESIDENT:

HON. GEORGE A. DRUMMOND.

DIRECTORS:

R. B. Angus, Sir William C.
 E. S. Clouston, Macdonald,
 A. F. Gault, A. Macnider,
 E. B. Greenshields, H. V. Meredith,
 C. M. Hays, A. T. Paterson,
 C. R. Hosmer, James Ross,
 Sir T. G. Shaughnessy,
 Sir William C. Van Horne, K.C.M.G.

Offices—Bank of Montreal Building, St. James
 Street, Montreal.

H. Robertson, Manager.

The Company is authorized to act as Trustee,
 Executor, Assignee, etc., to manage estates, to
 countersign and issue bonds, to act as judicial
 surety-security in Appeal, etc., and as Transfer
 Agent and Registrar of Shares; and to accept any
 Financial Agency.

The Company will act as Agent and Attorney
 for executors already acting.

Solicitors and notaries placing business with
 the Company may be retained to do the legal work
 in connection with such business.

Telephone UP 1091.

H. O'BRIEN & CO.,

Real Estate Agents,
 Interior Painters, Designers and Decorators.

257 B'euury St., Montreal,

SOLE AGENTS FOR AGENTS FOR

Electric Sanitary English, American
 No Dust and Canadian
 Floor Dressing Wall Paper.

Used by the Leading Merchants,

R. HUDSON

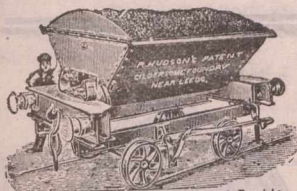
Gildersome Foundry, near LEEDS. ENG

Telegrams—
Foundry, Gildersome
& B C Code used

5 Minutes' walk from
Gildersome Station, G.N.
Railway.
Leeds to Bradford via Tingley.

National Telephone
No. 14,
Leeds Exchange.

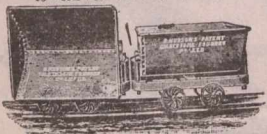
30 Minutes' walk from Morley Station, L. & N.W. Ry



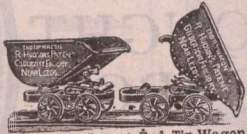
59—R. H.'s Patent 5-Ton Steel Double Side Tip Wagon, to work with ordinary Ry Wagons



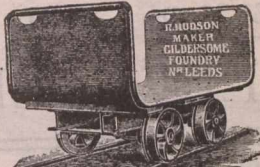
62—R. H.'s Patent Steel Goods Wagon, with Side Doors



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



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



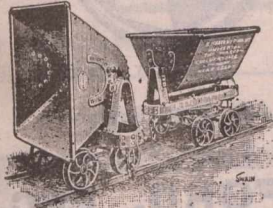
76—Hand Trolley, made to carry any weight or to suit any rail gauge.



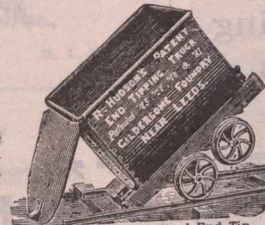
70—R. H.'s Patent Steel Mining Wagon



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



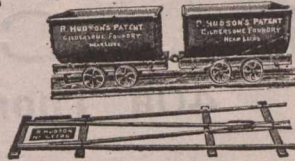
50—R. H.'s Patent Double-Centre Universal Tip Wagon tipping either Endways or Sideways at will



1—R. H.'s Patent Steel End Tip Wagon



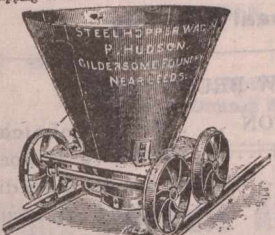
40—Turnout, with Fixed Point.



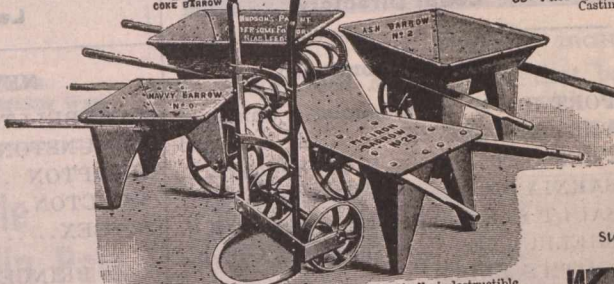
39—Pass-by, with Fixed Points Castings only



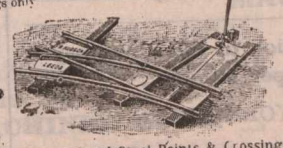
17—R. H.'s Patent Self-contained Ball Bearing Turntable, dispensing with Lubrication and Masonry Foundations



27—Hopper Wagon, with Slide Door



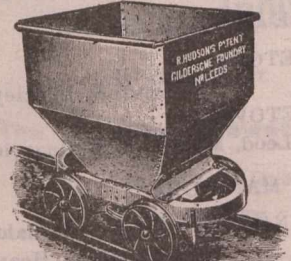
16—R. H.'s Patent Steel Barrows. Practically indestructible



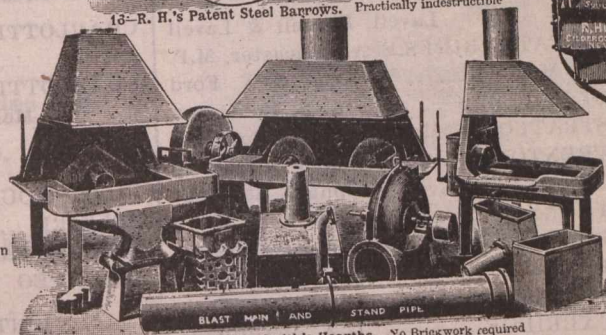
10—Left-hand Steel Points & Crossing



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



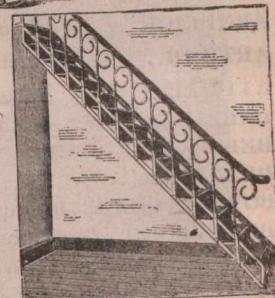
69—R. H.'s Improved Steel Hopper Wagon with Slide Door



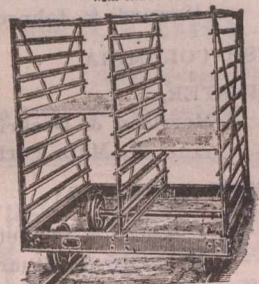
6—R. H.'s Patent Iron Smith's Hearths. No Brickwork required



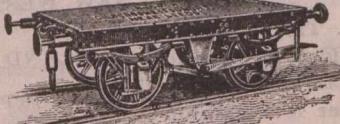
Steamship Barrow. Drawing V 10



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



68—Cake Drying Wagon



56—10-Ton Platform Railway Wagon



58—Steel Plate Bogie



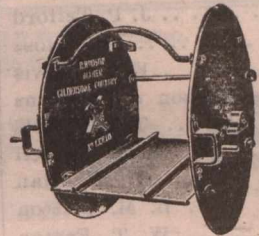
71—R. H.'s Improved Steel Tank Cart. 500 Gallons capacity



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



22—Two Tons Steel Plate Bogie. Practically indestructible.



78—Tippler for Mining Wagons



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



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



70—Foundry Fettling Box



57—Steel Coal Box with Drop Bottom



Self-righting Steel Tip Bucket, with R. H.'s Patent Self-acting Catch



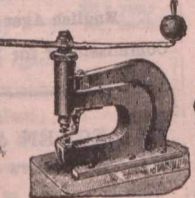
61—Rope Bucket, with R. H.'s Patent Catch for Wire Rope Tramways



62—Mining Kibble with or without Valve in bottom



4—Purnace Coal Wagon



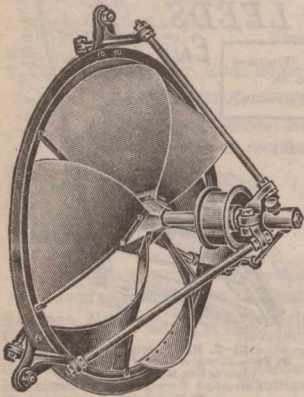
33—Fly Punch



28—Foundry Ladle

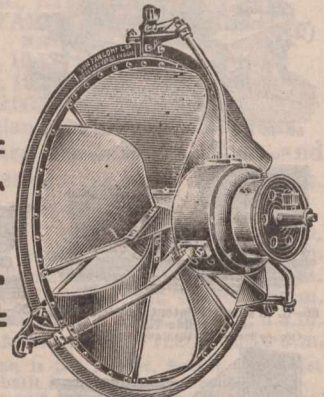
"Sun" Ventilating Fans

Highest Efficiency, Strength and Lightness



Belt Driven.

MADE ENTIRELY OF WROUGHT OR MALLEABLE IRON.



Electrically Driven.

For Ventilating, Drying and All Cooling Purposes . . .

"Sun" Fan Co. Ltd.,

GENERAL BUYING AGENTS WANTED.

Special prices to Canadians under the New Tariff.

40a Thornton Road, BRADFORD, ENG.

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)
141 Broadway

ONTARIO.

ARNPRIOR . . . Thompson & Hunt
ARTHUR . . . M. M. MacMartin
AYLMER . . . Miller & Backhouse
BARKIE . . . John Dickinson
BELLEVILLE . . . Geo. Denmark
BLENHELM . . . 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
KINGSTON . . . B. M. Britton
LEAMINGTON . . . W. T. Easton
LINDSAY . . . McLaughlin & McDiarmid
LINDSAY . . . Barron & Steers
LISTOWEL . . . S. B. Morphy
MOUNT FOREST . . . W. C. Perry
LONDON . . . W. H. Bartram
L'ORIGNAL . . . J. Maxwell
MITCHELL . . . Dent & Thompson
MORRISBURG . . . Johnson & Bradford
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 . . . T. A. Gorham
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
SWEETSBURG . . . F. X. A. Giroux
WATERLOO . . . C. A. Nutting

NOVA SCOTIA.

AMHERST . . . Townshend & Rogers
ANNAPOLIS ROYAL . . . H. D. Ruggles
ANTIGONISH . . . A. Macgillivray
BRIDGETOWN . . . T. D. Ruggles & Sons
BRIDGEWATER . . . Jas. A. McLean, K.C.
KENTVILLE . . . Rosecoe & Dunlop
LUNENBURG . . . S. A. Chesley
PORT HOOD . . . S. Macdonnell
SYDNEY . . . Crowe & Burchell
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,
McLeod, Morson & McQuarrie

MANITOBA.

PILOT MOUND . . . W. A. Donald
SELKIRK . . . James Heap
WAWANESA . . . Jos. H. Chambers
WINNIPEG . . . Howard & Johnson

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.
CLARKSON JONES, BEVERLY JONES,
GEO. A. MACKENZIE, O. J. LEONARD.
English Agent: JONAS AP JONES,
99 Cannon St., London,
Commissioner for N. Y., Illinois and other States

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

Legal.

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

BROSSEAU, LAJOIE & LACOSTE,
Advocates.
Banque Jacques Cartier B'dg., 7 Place d'Armes,
T. BROSSEAU, LL.B. Montreal.
H. GÉRIN-LAJOIE, LL.L., PAUL LACOSTE, LL.L.

Kingston, Ont.

SMYTHE & LYON,
Barristers, Solicitors, &c.,
E. H. SMYTHE, LL.D., K.C. H. I. LYON.

Seaforth, Ont.

MCCAUGHEY & HOLMSTED,
Barristers, &c.

London, Ont.

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

White Capsule Ale
.... India Pale.

IS BREWED BY

The Canadian Breweries Ltd.

MONTREAL, Que.

SUCCESSOR TO

The CANADIAN BREWING CO.
and H. A. EKBERS.

Unsurpassed for Family Use

SELL TELS. EAST 465 AND 140

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,	\$3 a year
Mail Subscribers to any other part of	
Canada,	\$2 a year
British Subscribers,	£1 5s.
American,	\$3 a year
Single Copies,	10c, each

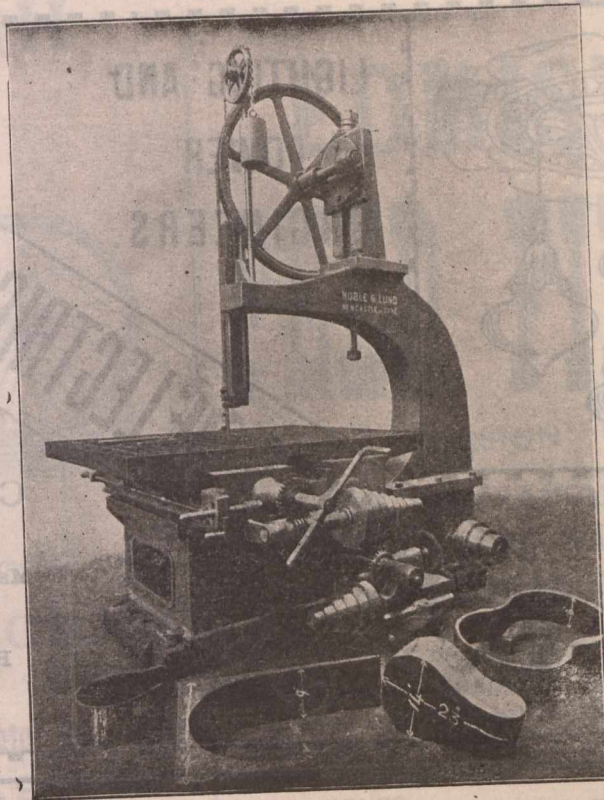
Editorial and Business Offices:

Nos. 171 and 173 St. James Street,
Head of St. John Street,
MONTREAL.

M. S. FOLEY, Editor, Publisher and Proprietor.

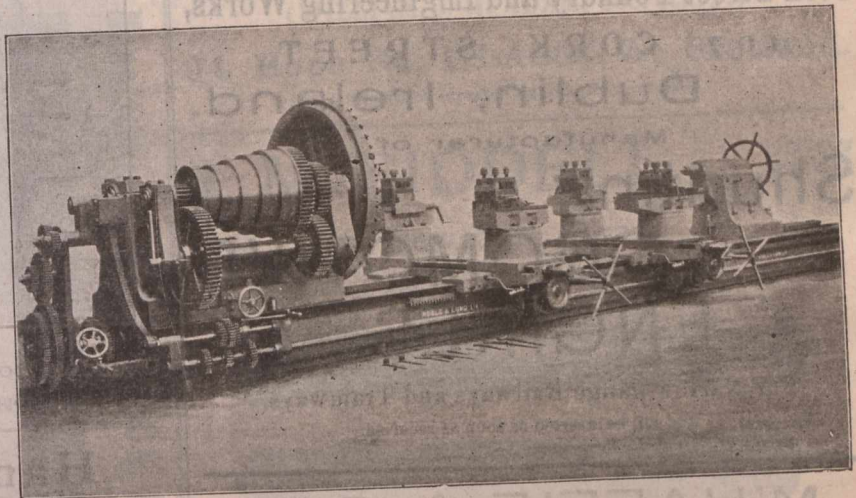
We do not undertake to return unused manuscripts.

The Editor cannot under any circumstances undertake to return unused manuscripts, or enter into any correspondence concerning it.



NOBLE
AND
LUND,
Ltd.,
Felling-on-Tyne,
ENGLAND.
MAKERS OF
High-Class . . .
Machine . . .
Tools for . . .
Engineers and
Shipbuilders. .
—SPECIALTY—
BAND SAWING
MACHINES

FOR CUTTING IRON AND STEEL, COLD.
We make these Machines so that bars of any length can be cut square with the bar.
OVER 500 MACHINES SOLD.



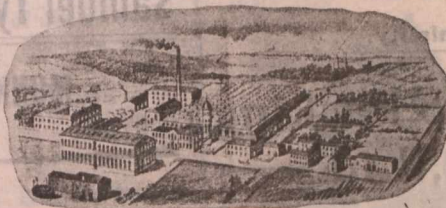
40-in. Centre Crank Shaft Turning Lathe.

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

S. Haley & Son,
LIMITED.

CLECKHEATON, YORKSHIRE, ENG.

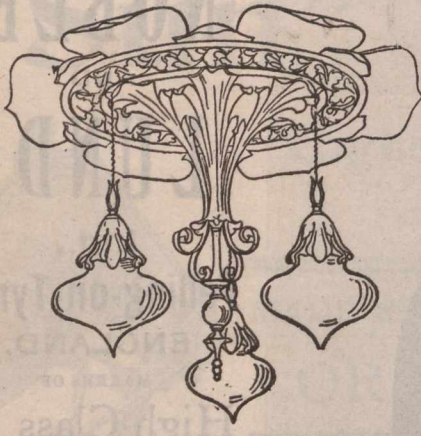
Manufacturers of every
Description of



Card Clothing for
Woollen, Worsted
& Cotton


CARD CLOTHING with Patent Bright Hardened and Tempered Steel Wire, Mild Steel or Iron Wire, specially polished Plough Ground, Needle Pointed, Angle, Single and Double Convex, Combined Round and Flat, and all other shaped Wires, in any Foundation used in the Trade.

Also Card Clothing with best Patent Bright Hardened and Tempered Steel Wire with ELECTRIC HARDENED POINTS. Experienced men sent out to Nail Cards when required.



**LIGHTING AND
POWER
ENGINEERS.**

M'ALPINE'S ELECTRICAL COMPANY, Ltd.,
GLASGOW, SCOTLAND.



60 Bath St.,

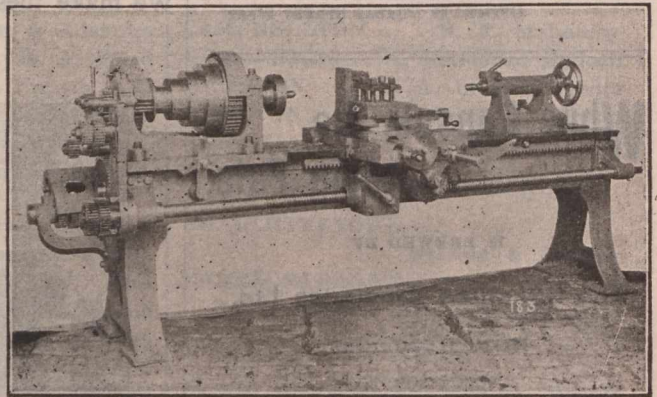
Complete Installations
— FOR —

Mansion Houses,
Institutions, Factories,
Mines, Ironworks,
Railway Stations,
Docks, Shipyards,
Ships, Etc., Etc.

WILLIAM SPENCE,
Cork Street Foundry and Engineering Works,
107 CORK STREET,
Dublin, Ireland.
Manufacturer of
**Shunting
LOCOMOTIVE
ENGINES**
For Narrow-gauge Railways and Tramways.
Cut will be inserted as soon as received.

JOHN STIRK & SONS.

**ENGINEERS'
TOOL MAKERS.**



Ovenden Road,

HALIFAX, ENGLAND.

Special prices to Canadians under New Tariff.

Hand Power Lifts.

PRICE LIST F.O.B. Glasgow.

No.	Size of Cage.	Height.	Load.	Price.
1.	1 ft. 9 x 1 ft. 3	15 ft.	50 lbs.	£8-15-0
2.	2 ft. 0 x 1 ft. 6	15 ft.	75 lbs.	£9-5-0
3.	2 ft. 4 x 1 ft. 9	15 ft.	100 lbs.	£10-0-0
4.	2 ft. 9 x 2 ft. 0	30 ft.	150 lbs.	£12-0-0

Price includes overhead gearing, cage, balance weight, wood guides and ropes.

**JOHN BRYDEN & SONS, 60 Renfield Street
GLASGOW, SCOTLAND.**

Samuel Tyzack & Co., Ltd.,

MONKWEARMOUTH IRON WORKS,

Sunderland, England.

Makers of all descriptions
...of....

Iron for Shipbuilding, Engineering and Mining
Purposes. Bedstead Angles and Merchant Iron
of all descriptions. Rivets.

Telegrams: "TYZACK, SUNDERLAND."

M'HAFFIE & CO.,
Glasgow Sheet-Metal Works,
107 JOHN ST., - **GLASGOW, SCOTLAND.**
SPECIALTIES.
Street Lamps—In Tinplate, Zinc, and Copper.
Packing Cases—For Calenderers, Wholesale Warehousemen and Shippers.
Japanned Trunks—In Steel, Iron, and Tinned Plate.
Stencil Plates—In Zinc, Copper, and Brass.
Metallic Kegs, Oil Drums, Tanks, and Cisterns.

Telegraphic Address: "PACKING" SOUTH SHIELDS.

Contractors to the Admiralty.

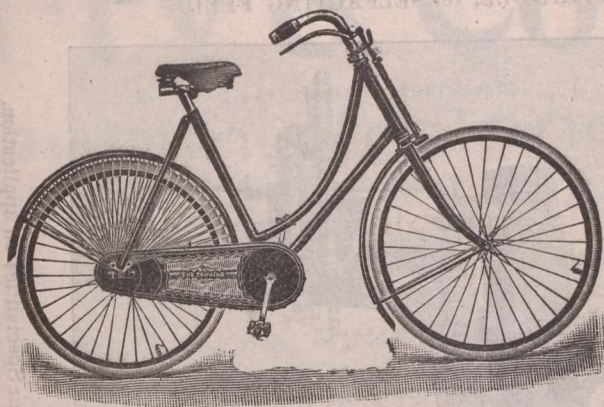
**The Elastic Metallic Packing
& Engineering Co., Ltd.**

Tyne Dock Entrance,
SOUTH SHIELDS, ENGLAND.

...Engineers, Brassfounders, Coppersmiths, &c...

Special prices to Canadians under the New Tariff.

ROSSLEIGH



THE ROSSLEIGH.

As Supplied to H. M. Government.

Cycles and Motors.

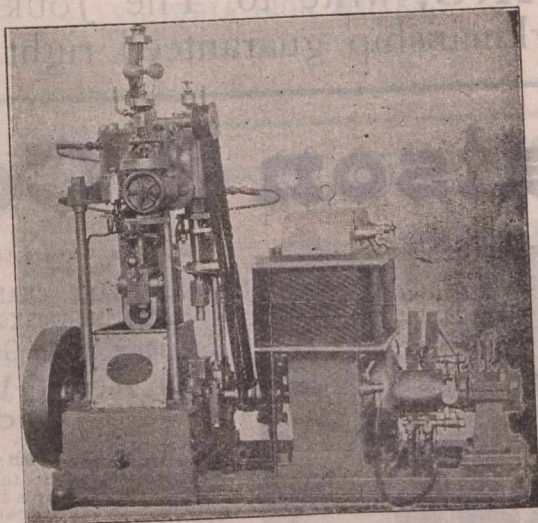
Special terms to Canadians under the New Tariff.

Catalogues Free

The New Rossleigh Cycle and Motor Co., Ltd.,
1 York Buildings, Edinburgh, Scotland.

HILEY & ORCHAR.

Mechanical & Electrical Engineers,



Manufacturers of DYNAMOS, Etc.

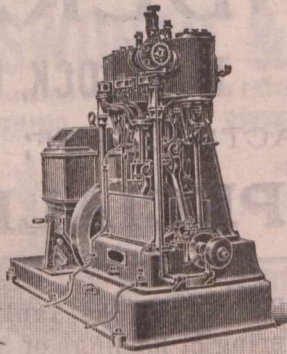
21 North Tay St., DUNDEE.
SCOTLAND.

SHANKS'S STEAM ENGINES.

For Electric Lighting, Traction, &c.

MOST MODERN DESIGNS.

- Single Cylinder,
- Compound,
- Triple Expansion,
- Vertical and Horizontal,
- Perfect Governing,



COMPOUND ENGINES of High Speed—Enclosed Type.

CORLISS ENGINES.

Sizes up to 1,000 brake H. P.

ALEX. SHANKS & SON, Limited,
Arbroath, Scotland,

—AND—

BUSH LANE HOUSE CANNON ST., LONDON, ENR

AGENCIES AT ALL PORTS.

EDMISTON FEED FILTERS

DESIGN "T."

- DOUBLE FILTRATION.
- INDEPENDENT VALVES.
- VERTICAL FILTRATION
- LARGE AREA.

The Filters are designed to work vertically; the grease collects at the top of the chambers, leaving the under part comparatively free, thereby greatly reducing the working pressure.

GLASGOW PATENTS CO.,

(WILLIAM J. H. ADAM, Secretary.)

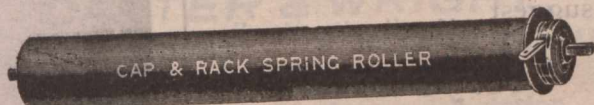
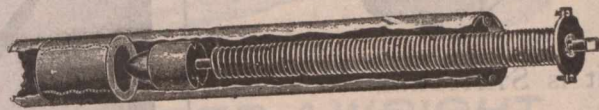
94 Hope St., GLASGOW, Scotland.

(Cut will be inserted as soon as received.)

J. M. SIDDELL,

UNION MILLS,

Dewsbury Road,
LEEDS, Eng.



Spring Roller, Tin Barrel, & Steel Spiral Spring Manufacturer.

Speciality:—Outside and Inside Tin Barrel Spring Rollers and Malleable Castings and Blind Arms, for outside Sun Blinds.

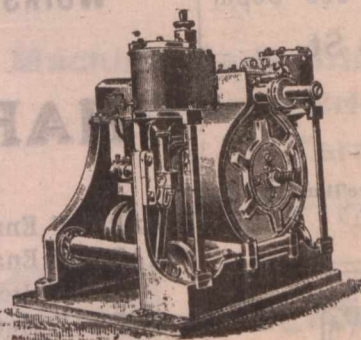
Telegraphic Address:—"FISHER, ENGINEERS, PAISLEY."

STEAM & HAND

STEERING-GEARS, Windlasses

—AND—

Capstans.



FISHER & CO.,

Engineers,

St. Mirren's Engine Works, - PAISLEY,
SCOTLAND.



RECOGNIZING the value of the Journal of Commerce as an advertising medium—and as a trade winner—we insert this ad. In other words, we want your trade—

YOUR PRINTING.

Watch Your Mail Bag

If it contains MAIL ORDER PRINTING from us—then you'll be satisfied



If it is STATIONERY you want we suggest

“Keystone”

—You can't get anything better for the money.

Write.

By return mail we'll give you an estimate.

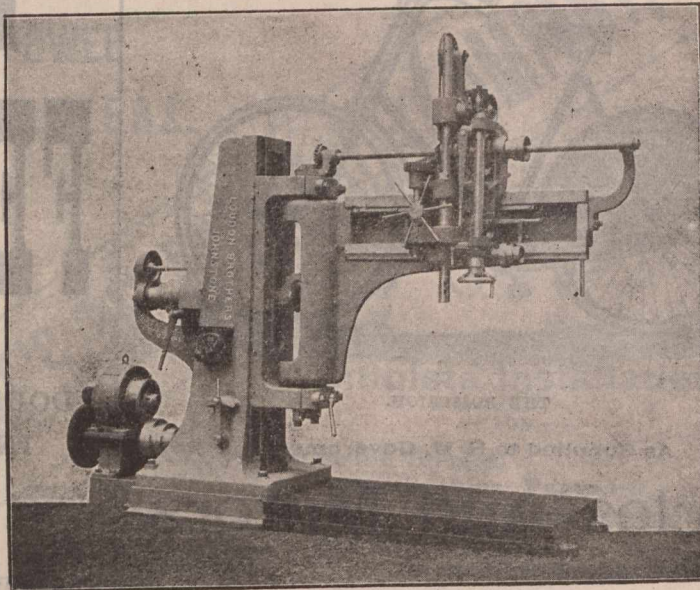
Journal of Commerce Job Dept.,
171 St. James St.
MONTREAL.

N.B.—Mention this ad. and we'll make our offer still better.



Improved 5ft Radial Drilling and Tapping Machine.

2 1/2" SPRINDLE, 18" SELF-ACTING FEED.



Radial Drilling Machine.

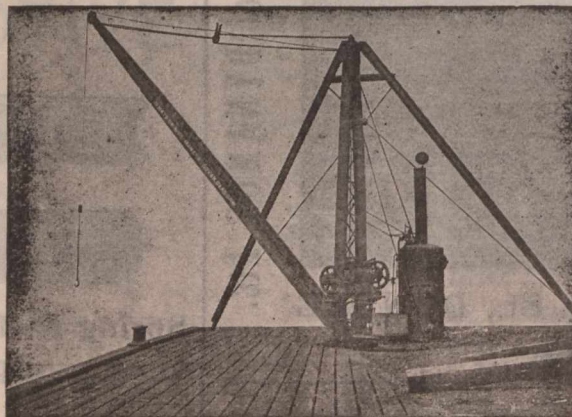
GLASGOW OFFICE:
39 West Campbell Street.

Catalogues of our Specialities on application.

LOUDON BROS., Clyde Engineering Works,
JOHNSTONE, SCOTLAND.

WHEN you want anything in the line of **PRINTING**, write to The JOURNAL. Prices and workmanship guaranteed right.

D. Watson & Co.



Engineers, Crane & Chain Makers,
GOVAN CRANE, CHAIN and TESTING WORKS,
Harmony Row, Govan,
GLASGOW,
Scotland.

SPECIALTIES:
Hand and Steam Scotch Derrick Cranes, Ship's Deck Cranes, Hand and Steam Portable Cranes, Wharf Cranes, Mortar Mills, Piling Engines, Hoisting Engine, and all kinds of Contractors' Plant.
Extra B Best Short Link Crane and Stud Cable Chains, Pitch Chains, Messenger Chains, and Anchors of every description.

J. T. HENDERSON,

Works and Offices - TYNE DOCK, England,

MANUFACTURER OF;

“HAROC” SPECIALITIES.

- “HAROC” Enamels for Holds, Bunkers, Tanks, Tank Tops, etc.
- “HAROC” Enamels for the Covering of Roofings of Sheds, etc. (either Wood or Iron).
- “HAROC” Metallic Elastic Cement for Boiler Bottoms (inside), and Silicate Cotton Mattresses for Boiler Bottoms (outside).
- “HAROC” Non-Conducting Composition for Covering Boilers, Pipes, etc., etc.

Fry & Co.

115 & 116 Cork Street,
Dublin, Ireland

ALWAYS HOLD A HUGE STOCK OF
Carriage Cloths,
Carpets, Canvasses, &c.

ARE ACTUAL MANUFACTURERS OF
Coach Laces, Silks, Tabarets

AND EVERY VARIETY OF
Trimblings for Carriages.

Renowned for
Considerably over a Century

FOR THE BEAUTY OF THEIR DESIGNS &
THE FAST QUALITY OF THEIR DYES & ARE

Still at the Top.

Established 1860.

BINNS BROS.,

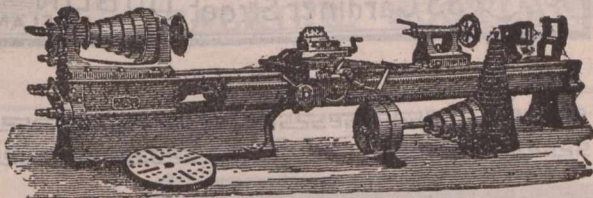
ENGINEERS' TOOL MAKERS,

VICTORIA IRON WORKS,
Water Lane, HALIFAX, Yorkshire, Eng.

Special terms to Canadians under new Tariff.

Telegraphic Address:
"BROADBENT, SOWERBY BRIDGE."

Contractor to
H. M. Government.



HENRY BROADBENT,

ENGINEER'S
TOOL MAKER.

Hollins Tool Works. : Sowerby Bridge,
Yorkshire, Eng.

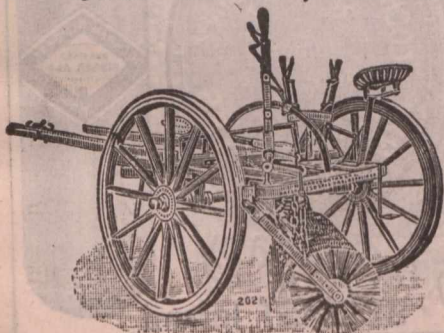
Special prices to Canadians under the New Tariff.

ESTABLISHED 1820.

HY. WADSWORTH & SON,

SOLE MANUFACTURERS OF WADSWORTH'S PATENT
STREET WATERING, SANDING, SWEEPING,

AND CLEANSING
MACHINES, &c.



GOLD MEDAL
AWARDED
PARIS
EXHIBITION,
1900.

SANITARY IMPLEMENT WORKS, HALIFAX, ENG.

Sissons & White, HULL, ENGLAND.

PATENT STEAM PILE DRIVER.

TESTIMONIAL.



65 King Street, Manchester.

We have tried this machine, besides those of
other makers, and taken altogether, we have no
hesitation in saying that it is the most satisfac-
tory Pile Driver for Contractors' Purposes.

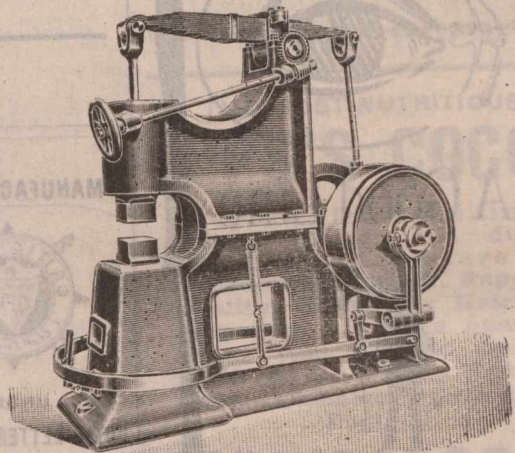
Exors. of T. A. WALKER
(pro. L. P. Nott),

Messrs. Sissons & White,
Hull.

Description and Testimonials sent on Application.

...PATENT SPRING BEAM POWER HAMMER...

The most Perfect on the Market. The BLOW
can be REGULATED whilst RUNNING.



...SOLE MAKERS...

CARTER & WRIGHT

Hexagon Iron Works, HALIFAX, ENGLAND.

Patent Cold Iron Sawing Machines
and Machinery Tools of every description.



THE

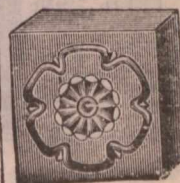
MODEL



BRICK & Terra-Cotta Works, Lim'd

Machine Made Bricks,
Pressed Bricks and
Terra-Cotta Work.

✧ Balmoral, ✧



BELFAST,

✧ Ireland, ✧




GROCERY MEN.

BROKERS—Wanted an energetic and reliable man to push our Irish Preserves during the coming season. Apply, stating terms and the district proposed to work, to

WM. VINT & SONS,
Unity Street Preserve Factory,
BELFAST, IRELAND.

52 25252525 25252525 25252525



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.

52 25252525 25252525 25252525

JOHNSTON BAIRD & CO.,

GLASGOW, SCOTLAND.

Coffee Essence

— AND —

Sauce Manufacturers, &c.

BAIRD'S ESSENCE OF
COFFEE & CHICORY.

BAIRD'S

WORCESTERSHIRE + SAUCE.



MANUFACTURERS



TRADE

MARK

UNDER
ROYAL LETTERS PATENT.

Specialities.

- "Critic" Soda
- "Critic" Lemon Soda
- Old Stone Beer



LEMONADE
Made under TAYLORS
New PATENT Non-Alcoholic
Process
TAYLOR & Co.,
35 Gardiner Street DUBLIN
IRELAND

52 25252525 25252525 25252525 25252525 25252525

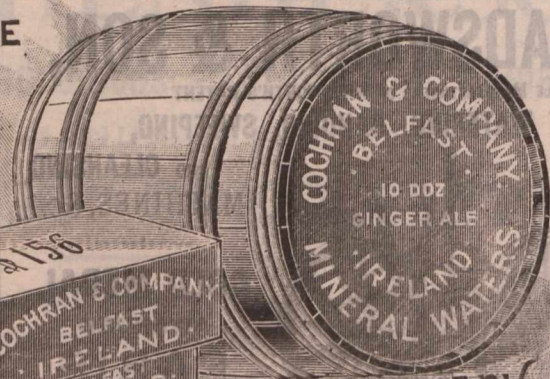


"CRITIC" LEMON SODA
Made under TAYLORS
New PATENT
Non-Alcoholic PROCESS.
TAYLOR & Co.,
DUBLIN IRELAND

SODA WATER · GINGER ALE

CHAMPAGNE
· CIDER ·

AERATED
QUININE
AERATED
SARSAPARILLA
ETC.



Cochran & Company
BELFAST Ireland

52 25252525 25252525 25252525

Sanderson's EXTRACT OF COFFEE,

— UNSURPASSED IN —

* Purity, Strength, and Flavor. *

SAMPLES AND PRICES ON APPLICATION TO

A. C. SANDERSON & CO., Easter Road
EDINBURGH. - SCOTLAND.

SHANKS'S GINGER ALE

AROMATIC

IS a drink attractive in appearance, fragrant to smell, and grateful to the palate.

Is perfectly wholesome, and made from choicest ingredients only.

Is entirely free from alcohol, while stimulating in a high degree.

Is agreeably piquant and full flavored.

Is invaluable for Yachting, pic nic parties and for the Ballroom.

Is guaranteed to keep.





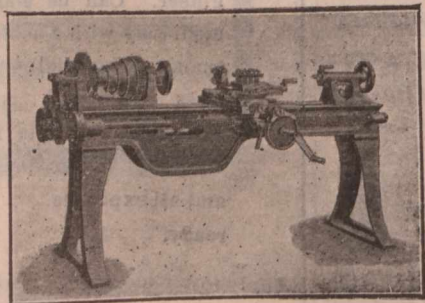
ONLY
MEDAL
1883

J. SHANKS & Co.
LIMITED
DUBLIN - IRELAND

E. LUMB & CO.,

Green Mount Works,

HALIFAX, Eng.



Machine Tools of every Description for Engineers
Wood-Workers, &c., &c.

IRISH GINGER ALE.

HOVENDEN & ORR, Ltd.,

Agents wanted in Canada.

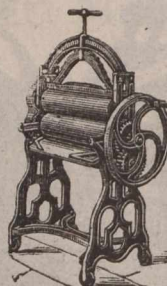
Dublin, Ireland.

Telegraphic Address:
"PHOENIX," KEIGHLEY.

W. Summerscales & Sons,

LIMITED.

Coney Lane Works,
KEIGHLEY, England.

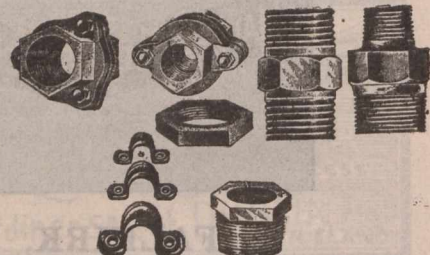


Manufacturers of
every class of

LAUNDRY & DOMESTIC
MACHINERY,

For Canadians, under the New Tariff.

Farrar's Improved Malleable Iron — Steam, Water & Gas Fittings. —



These goods are all
screwed to Standard
sizes and perfectly fit-
neable.

Also Makers of **GUN-METAL FITTINGS.**
Every Description of

Brass and Malleable Iron Castings to Order.

THOMAS FARRAR, Borough
Brass Works,
KEIGHLEY, England.

D. Battye & Son

TALLOW MELTERS AND REFINERS,

Manufacturers
of ...

CYLINDER & LUBRICATING OILS

Wheel Greases, Boiler Composition, &c.

Cylinder Oil, Engine Oil, Stainless Lubricating Oil, Gas Engine
Oil, Special Dynamo Oil, Castor Oil, Wheel Grease, Water Wheel
Grease, Belting Grease, Corve Grease.

Office: Cloth Hall St., HUDDERSFIELD, Eng.

Works:—CROSLAND MOOR BOTTOM.
Samples & Prices on application.

Special Prices to Canadians under the New Tariff.

Cotton Rope, Clothes Lines,
Sash Cords, Skipping Ropes.

By
New
Automatic
Machinery.

WRITE FOR SAMPLES AND PRICES.

A. E. HAWORTH,

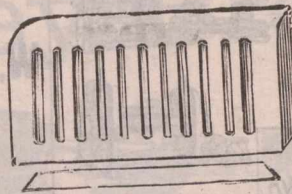
ROPE MAKER,

Bell Street,

BOLTON, ENGLAND.



FIRE BRICKS
And
BOILER
BRICKS.



John R. Fyfe & Co

Shipley
Firebrick Works,

Shipley, Yorkshire, Eng.



Special prices to Canadians under the New Canadian Tariff.

M. Coulson & Co., Ltd.

ENGINEERS,

Spennymoor, Co. Durham,
England

Manufacturers
of...

**Coal Washing...
and Screening Plants.**

Heapsteads, and Colliery Plant of all Descriptions.

MAKERS OF

Wood & Burnett's "Murton" Coal Washer, "Positive" and "Simplex" Tipplers, Automatic Delivery Screens, "Blackett" Washer (Blackett & Palmer's Patent), Etc.

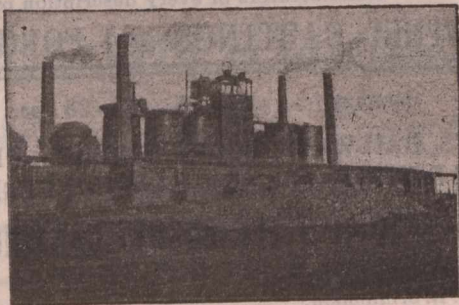
Special prices to Canadians under new Tariff.
Full particulars on Application.

Telegrams, NORMANBY.

**The Normanby Iron Works Co.
LIMITED.**

Normanby Iron Works, Middlesbrough, England.

Brand HEMATITE "N. H. H."



Special terms to Canadians under the New Canadian Tariff.

Telegraphic and Cable Address
"SMITHS CLECKHEATON."
A B C Code (4th edition)

Pyenot Works.
Phoenix Works

E. & A. Smith & Co.,

LIMITED,

WIRE MANUFACTURERS,

Manufacturers of
all kinds of

Cleckheaton, Eng.

Patent and Plough Steel Wires for Mines
and Hauling Purposes, Wire for Steel Haws-
ers. Music Wire a Speciality.

Established 1858.

George Sampson & Son,

LIVERSEDGE LEATHER WORKS,

Liversedge, Yorkshire, England.

BEST BARK TANNED

ENGLISH BELTING

Single, Double and Treble MAIN DRIVING BELTS,
ANY WIDTH.

LEATHER BOOT LACES.

Waxed and Russet Kip Butts, Improved Condenser Rubber
Leathers, Bark Tanned Picking Straps, &c., General Mill Fur-
nishers, &c.

Special prices to Canadians under the New Tariff.

At the Office of

The "JOURNAL of COMMERCE"

—YOU CAN GET—

Everything in Job Printing.
the line of...

THORPE, JOHNSON & CO.,

... Limited

Keighley, England.

MANUFACTURERS
OF THE

Finest Bobbins in England

FOR THE
TRADE.

Special terms to Canadians under the new Preferential Tariff.

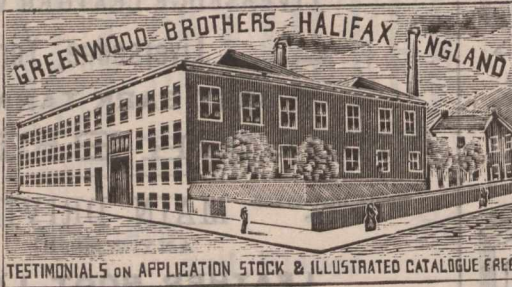
Cut will be inserted when received

W. E. W. Clay,
HOLBECK, LEEDS, Eng.

LOW
HALL
MILLS,



Manufacturer of **BABY CARRIAGES, PERAMBULATORS**
and **MAIL CARTS** of the latest designs, under the new
Canadian Tariff.



Special prices to Canadians under the New Tariff.

W. & F. P. CURRIE & CO.,

134 McGill Street,

Corner St. Paul St.

MONTREAL.

Sofa, Chair and Bed Springs,

A Large Stock always on Hand.

Roman Cement, Portland Cement, Water Lime.

Drain Pipes, Vent Linings,
Fire Covers, Fire Bricks, Fire Clay
Whiting, Plaster of Paris,
Borax, China Clay, etc.

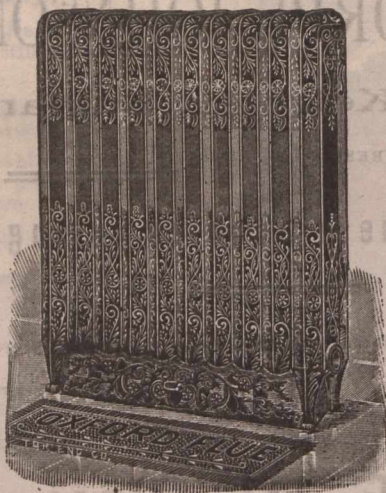
When You're Planning
For Winter

Remember that you can count on perfect comfort and warmth if you use

OXFORD

Boilers and Radiators

For Hot Water or Steam Heating.



They never fail in any weather; are perfect in construction, simple to manage, specially economical with fuel and moderate in price.

In popular use from the Atlantic to the Pacific, with a guaranteed capacity to suit any building.

Write us for full details, or ask any leading dealer.

The **GURNEY-MASSEY CO., Limited, MONTREAL.**

PILE SHOES

With Chilled Points

(Copley & Co's Patent),

FOR

PILE WORK of Every Description:

PRICES AND TESTIMONIALS
ON APPLICATION.

Copley, Turner & Co., Ltd.

MIDDLESBOROUGH, ENGLAND.

JOHN ROGERSON & Co., Ltd.

Steel Works,

WOOLRINGHAM, R. S. O.,

Co. Durham, England.

Manufacturers of every description of

STEEL CASTINGS and FORGINGS

Castings from a Few Lbs. up to 25 Tons, for

**SHIPS, RAILWAYS, DOCKS, BRIDGES, DREDGERS,
GOLD MINES, COLLIERIES, ENGINEERING, &c.**

SPECIAL STEEL MAGNET CASTINGS.

LONDON, ENG., AGENT—

Mr. R. S. Sheffield,
101 Leadenhall St., E.C.

Telegrams—

"STEELWORKS," Wolsingham

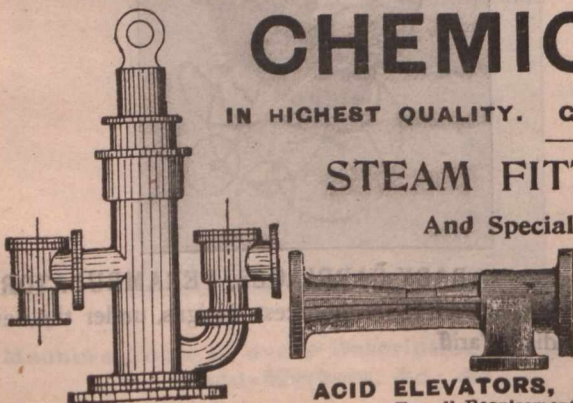
CHEMICAL PLANT

IN HIGHEST QUALITY. GUARANTEED NON-CORROSIVE METALS.

STEAM FITTINGS, CASTINGS, INGOTS,

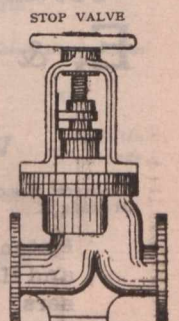
And Special Goods in various Metals and Alloys.

CHEMICAL PLUMBING.



ACID PUMPS, Various kinds. **ACIDELEVATORS,** For all Requirements.

Also Patent Plugs and Seats for Railway Tanks,
Heaters, Syphons, Lead-Burning Apparatus, Bottling Cocks, Gauge
Taps, Saturator Valves, Junction Pieces, Etc., Etc.



Telegraph
"Rudd, St. Anthony's,
Newcastle-on-Tyne."

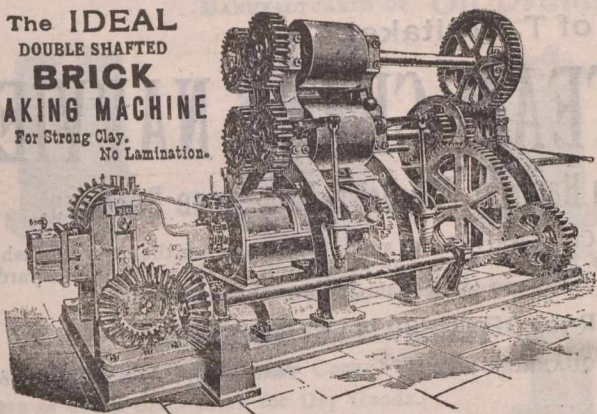
CHAS. H. C. RUDD & PARTNERS, Thistle Works, St. Anthony's, NEWCASTLE-ON-TYNE, Eng.

Swinney Bros, Ltd.,

Telegrams: "SWINNEY MORPETH."

ALL BEARINGS GUN METAL.

The IDEAL
DOUBLE SHAFTED
**BRICK
MAKING MACHINE**
For Strong Clay.
No Lamination.



Send for Catalogue & Testimonials.

ENGINEERS,
Wansbeck Ironworks, MORPETH, ENGLAND,
Manufacturers of . . .
Brickmaking Machines,

(Single and Double Shaft Pug Mill)
adapted to every kind of Plastic Clay.

—SPECIALITIES—

Hard Rollers, Machine Made Wheels,
Improved Trust Bearings, Metallic Die.

Our Motto is—"STRENGTH, SIMPLICITY AND EFFICIENCY."

GEORGE ANGUS & Co., LTD.,

Newcastle-on-Tyne, England.

Manufacturers of

**LEATHER,
INDIA RUBBER, Etc.,**

FOR GENERAL MECHANICAL PURPOSES.

Specialities in

Leather, Cotton and Hair Beltings,

**INDIA RUBBER SHEETS,
VALVES, WASHERS,
BUFFERS, ETC.**

CONTRACTORS TO THE ADMIRALTY, HOME, AND
FOREIGN GOVERNMENTS.

ST. JOHN'S WORKS,

Newcastle-on-Tyne, England.

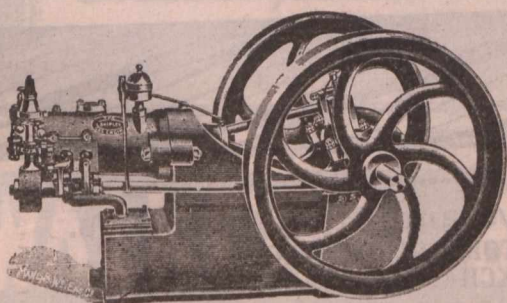
BRANCHES AT LONDON, LIVERPOOL,
LEEDS, CARDIFF, MANCHESTER.

—WRITE FOR PRICE LISTS AND TERMS.

Telegrams: "Robson, Shipley." National Telephone: "57 Shipley."
"THE NONPAREIL"

SHIPLEY GAS ENGINE.

Gold Medal "Bradford Trade" Exhibition, 1898.



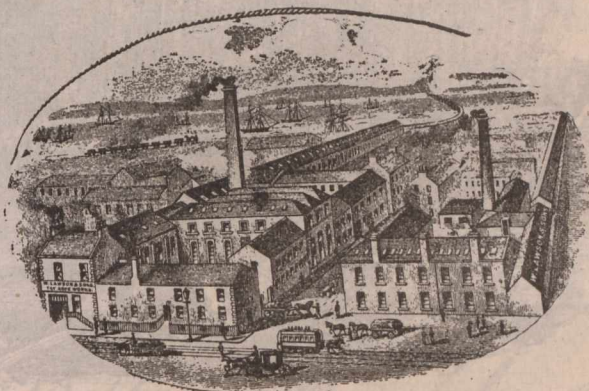
Diploma, Newcastle Electrical Exhibition, 1897.

Sole Maker **JOHN ROBSON,**
SHIPLEY, Yorkshire, England.

William Lawson & Sons,

ESTABLISHED 1866.

Manufacturers of every description of
Hemp & Jute Ropes, Lines & Twines.



TAY ROPE WORKS.

DUNDEE, SCOTLAND.

—SPECIALITIES.

Box Cords, Clothes Lines, Tent Lines, Polished Twines

Gaskins, Driving Ropes, Tarpaulins

and Waterproof Coverings.

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.

WHITAKER BROTHERS, LTD.,**HORSFORTH,
LEEDS, ENG.**

Proprietors and Sole Makers of T. Whitaker's

PATENT STEAM CRANE NAVVIES.

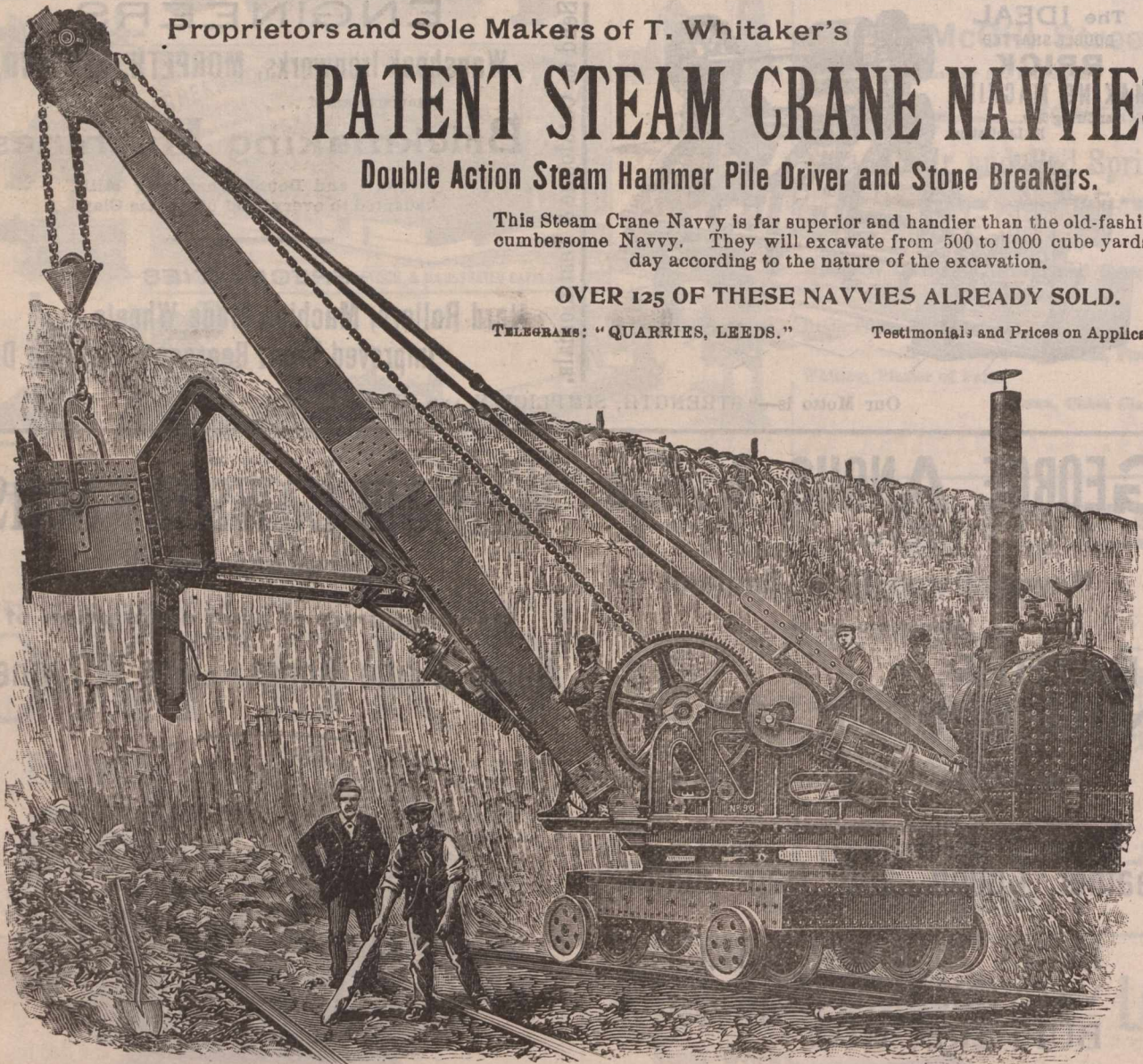
Double Action Steam Hammer Pile Driver and Stone Breakers.

This Steam Crane Navy is far superior and handier than the old-fashioned cumbersome Navy. They will excavate from 500 to 1000 cube yards per day according to the nature of the excavation.

OVER 125 OF THESE NAVVIES ALREADY SOLD.

TELEGRAMS: "QUARRIES, LEEDS."

Testimonials and Prices on Application.



AS AT WORK ON THE MARSH LANE TUNNEL CONTRACT, LEEDS.

LOOK FOR DIFFERENT TESTIMONIALS EVERY WEEK

WYKE HOUSE, CASTLE BAR HILL, EALING W., APRIL 12, 1895.

GENTLEMEN,

Referring to the Navy you supplied to my Hull Dock Contract last year, I am pleased to inform you that in a working day of 10 hours it has excavated and filled 1040 cube yards of earth, and very frequently does over 1000 in the same time.

Yours faithfully,

A. KELLETT.

Messrs. Whitaker Bros., Ltd.

R. S. NEWALL & SON, LIMITED.

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

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

Contractors to H.M. Government.



Makers of all descriptions of _____

Wire Ropes for Mines, Tramways and other purposes.

LONDON OFFICE—11, QUEEN VICTORIA STREET, E.C.

GLASGOW OFFICE—19, ROYAL EXCHANGE SQUARE.

Sole Makers of... **NEWALL'S PATENT MICROMETER WIRE GAUGE.**

Telegraphic Address: "Rees, Dundee."

WM. REES & CO., LTD.,

The Dundee Tin and Sheet Metal Works
DUNDEE, SCOTLAND.

MANUFACTURERS OF Oil Drums, Tapers, Paint & Ink Kegs.



Oil Drum.



Plain Keg.



Hooped Keg.



Taper Can.



Tins for Biscuits, Jams, Coffee, etc., and Con ectionery Tins of every description.

Lever-top Tins for Paint, Enamel, Syrups, Soap, &c.; Oil and Varnish Cans; Tin Canisters of every description for Dry Goods.



Quality Guaranteed. Prices on Application. Contractors for every description of Tin and Sheet Metal Goods.

✳ CRAWFORD & SONS, ✳

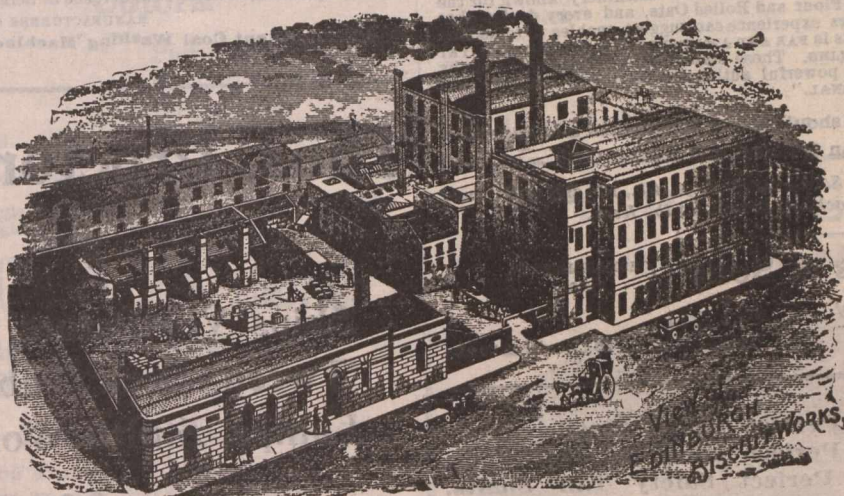
ESTABLISHED

1813.

BISCUIT

EDINBURGH,

Manufacturers,



SCOTLAND.

CRAWFORD & SONS

Belfast, 1st July 1895

City Bank, Limited

Pay to the order of the Collector of Inland Revenue

Fifty thousand five hundred and twenty two pounds

eight shillings & two pence

£ 50,572: 8: 2

James Barr Limited

High Street

WALKER'S BISCUITS & CAKES
JOHN WALKER LTD ROYAL BISCUIT FACTORY, GLASGOW.

Makers of all Varieties Suitable for Export. SCOTLAND.

JOHN INGLIS & SONS'
 Genuine **....Midlothian Oatmeal**
 and **Rolled Oats** (Steam Cooked)

As supplied for many years to H.R.H. The PRINCE OF WALES.
THE VERY BEST THE WORLD PRODUCES.



Facsimile of Tin for Export.

Our mills are furnished with the most modern machinery known for the Production of Oatmeal, Oat Flour and Rolled Oats, and every device that science and upwards of 60 years' experience can suggest, enables us to declare that the quality of our products is FAR AND AWAY SUPERIOR TO ANYTHING YET ATTEMPTED IN OATMEAL MILLING. These statements are fully borne out by the recommendation of such powerful authorities as "THE LANCET" and "THE BRITISH MEDICAL JOURNAL."

Canadian Storekeepers should avoid substitutes and Indent for **INGLIS' Midlothian Oatmeal and Rolled Oats**

Packed for Export in 280 lb. Sacks, 140 lb. Bags, 4lb., 7lb. and 14 lb Tins : also in 2 lb. Packets ; 50 and 100 lb. Kegs.

John Inglis & Sons' (ESTABLISHED 1838)

The Original Manufacturers of **Leith, Scotland.**
 MIDLOTHIAN OATMEAL.

MacLaine's Patent Perfect Safety Battle Ships.
 MacLaine's Patent Perfect Safety No. 2 Pistons.
 MacLaine's Patent Perfect Safety Tail Shafts.

MACLAINE'S PATENT PERFECT PISTON

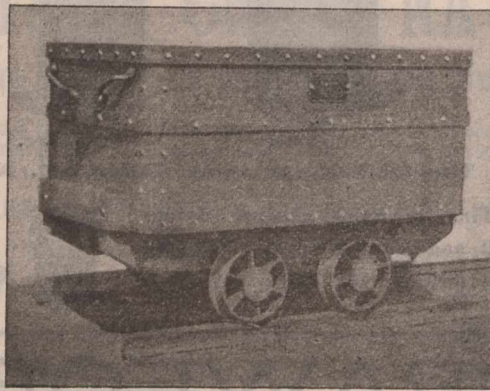
Company, Limited.

CAPITAL £100,000 FULLY SUBSCRIBED.

24, ULSTER CHAMBERS, - - BELFAST, IRELAND.

EVERYTHING in the line of **JOB PRINTING** executed promptly at the office of **The JOURNAL of COMMERCE.**

JOSEPH COOK, SONS & COMPANY, LTD., Engineers,
 Iron Founders and Iron Merchants, Truck,
 Wagon and Colliery Tub Builders, . . .
WASHINGTON, CO. DURHAM, ENG.



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

MANUFACTURERS OF
Ramsay Patent Coal Washing Machines and Patent Coal Wedge.

Thos. Proctor & Son,

Makers of

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

• •

ENGINEERS' TOOLS, SPADES AND SHOVELS.

• •

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

Telegrams: Procurator, Newcastle.

Works: GATESHEAD, ENGLAND.

Holroyd & Thompson's

PATENT

CLOTH PRESSING MACHINE

Cylindrical. Continuous. Hydraulic.

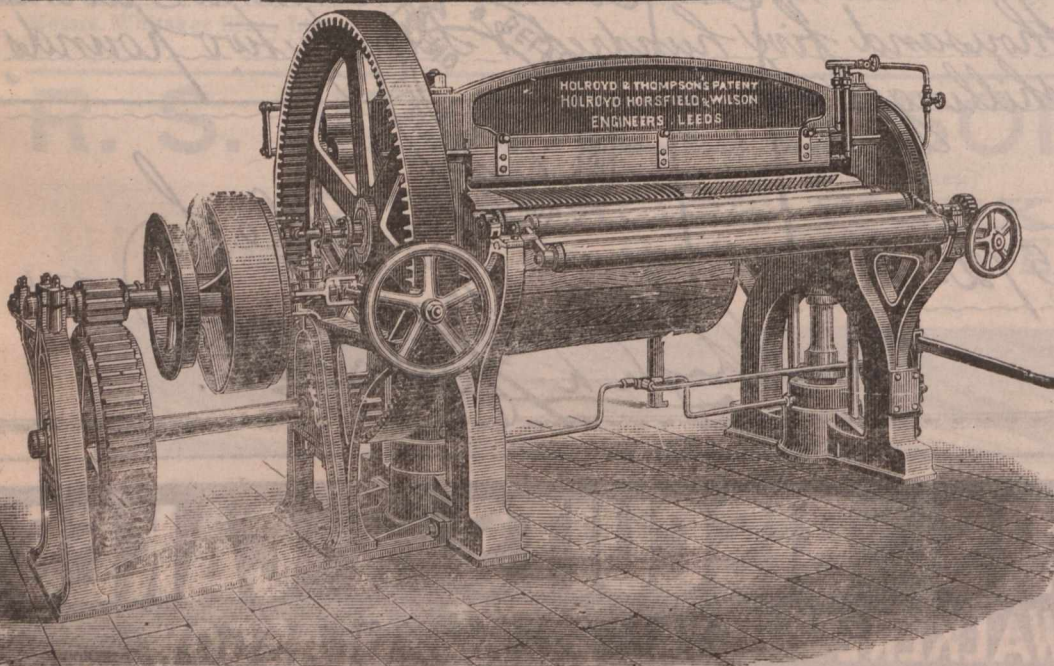
MAKERS:

Holroyd, Horsfield & Wilson, LIMITED,

LARCHFIELD FOUNDRY,

Hunslet, Leeds, - England.

NOTE. "Buy British Machines, 33 1/2 per cent. in favor of British manufactures under the new preferential tariff with Canada."



CONTRACTORS TO HIS MAJESTY'S GOVERNMENT,

SHARP, WORSNOP & CO., Ltd.

Telegraphic Address:
"SHARP, WORSNOP, WYKE."

Aniline Color Manufacturers,
Flash Pond Chemical and Explosive Works,

Latest Makers of Pure
Picric Acid and Pic-
rate of Ammonia. . . .

WYKE, nr. Bradford, Eng.

MANUFACTURERS OF

Chemicals.

Picrate of Ammonia
Spirits Salts
D. O. Vitriol
Nitrate Iron
Special Iron
Muriate Tin
Nitric Acid
Blue Spirits
Scarlet Spirits
Finishing Spirits

Ammonia
Crystals
Copperas
Palm Oil Soap
White Soap

Colors.

Picric Acid
Bismarck Brown
Chrysoidine
Magenta Crystals

Magenta (Acid)
Scarlet
Acid Red
Orange
Acid Yellow
Soluble Blues
Green
Violet

Extracts.

Logwood Extract

Fustic Extract
Myrabolam Extract
Indigo Extract

Dyewoods.

Logwood
Fustic
Barwood
Peachwood
Camwood
Ground Myrabolams

Registered Telegraphic Addresses: "Haggie, Newcastle-on-Tyne"; "Haggie, London"; "Haggie, Hull"; "Haggie, Cardiff."

R. HOOD HAGGIE & SON, LIMITED,

Willington Patent Hemp
and Wire Rope Works,

NEWCASTLE-ON-TYNE, ENGLAND.

Head Office and Postal Address:
NEWCASTLE-ON-TYNE, ENG.

BRANCHES: London, 35 Lime Street, E.C.; North Shields
29 Clive Street; Hull, Victoria Pier; Car-
diff, Burt Street.



SPECIALITIES:

FLEXIBLE STEEL HAWSERS, MANILLA ROPES COIR AND HEMP
ROPES, WIRE RIGGING STEEL AND IRON WIRE ROPES
FOR MINES AND ENGINEERING PURPOSES.

Driving ropes of all kinds, Sisal, New Zealand, and other sorts of
Packing Cords and Baling Ropes.

Five Highest Medals Awarded for Excel-
lence of Manufacture.



ALL STEEL HAWSERS GUARANTEED
UP TO LLOYD'S TESTS.



Large Stocks always ready. Export Orders care-
fully and promptly executed.

TYNE WIRE ROPE MANUFACTURING CO., LTD., TYNE DOCK, ENGLAND,

Manufacturers of all kinds of

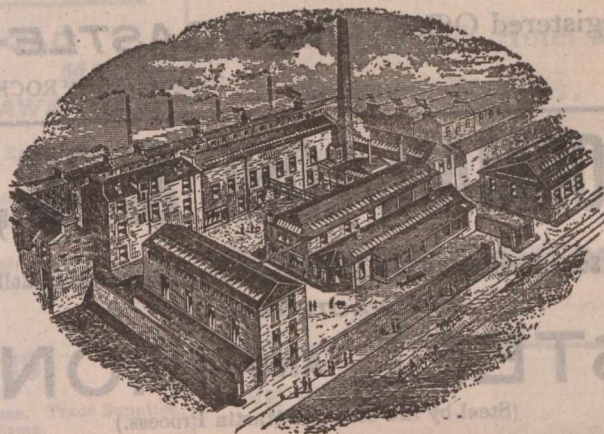
.. WIRE ROPES ..

FOR

Collieries, Engineering, Shipping & General Purposes.

WM. R. STEWART,

Hillbank Hackle W'ks, Dens Road, DUNDEE, Scotland.



Manufacturer of Hackles, Gills and Wood Card Covering

For the FLAX, JUTE and HEMP TRADES

STEELFACED CARD COVERING A SPECIALTY.
Gill and Card Pins. Rivets, &c.

Charles Wood, Limited,

Tees Railway and . .
Engineering Works.

Middlesbrough, - England.



Manufacturers of . . .

Coal Mining Plants and Tipping
Wagons of all Descriptions with
Rails.

Locomotives
for all Pur-
poses.

Boilers.

Ships.

Pontoons.

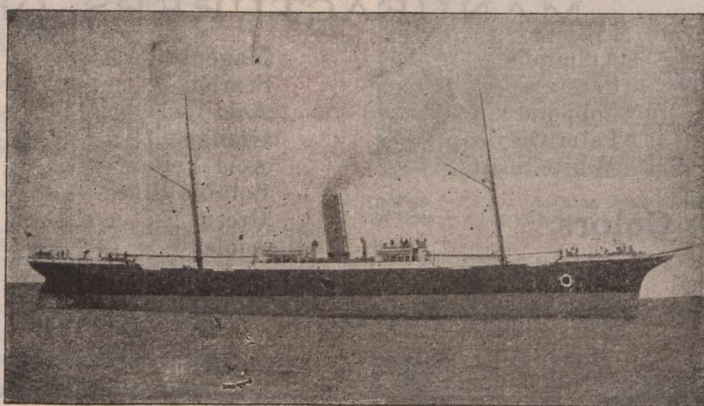
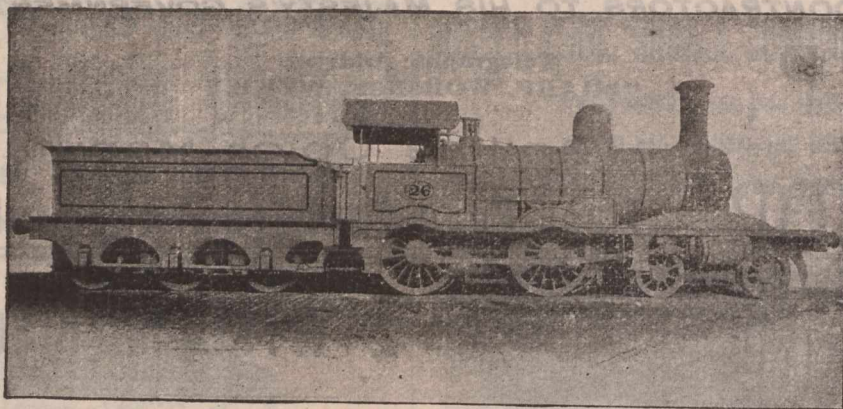
Dock Gates.

Creosoting
Plant.

Oil Engines.

Locomotive
Cranes.

Pumps.



High Speed
Vertical
Steam En-
gines

Rock Drills.

Hauling and
Winding
Gear.

Ball Mills.

Iron

Castings of
Special
Quality.

ROBERT STEPHENSON & Co., LTD.,

Registered Offices: **NEWCASTLE-ON-TYNE, - - ENGLAND.**

TELEGRAMS: "ROCKET, NEWCASTLE-ON-TYNE."

DORMAN, LONG & CO., Limited, MIDDLESBROUGH, ENG.

London Office: 19 Victoria St., Westminster
ENGLAND.

Stock Yards at Works and Nine Elms Lane, London, also at Melbourne, Australia.

Telegrams, "DORMAN," Middlesbrough.

MANUFACTURERS OF

SPECIALITY

STEEL AND IRON

STEEL ROLLED JOISTS.

(Steel by the Siemens-Martin Process.)

Brand: "DORMAN, LONG & CO., Ld."

No. of Section.	Size.	Weight per foot.	No. of Section	Size.	Weight per foot.
G 1	20 x 7½	89 lbs.	G 17	7 x 3¾	18 lbs.
G 2	18 x 7	75 lbs.	G 17A	7 x 3¾	18 lbs.
G 3	16 x 6	62 lbs.	G 18	6¼ x 3½	16 lbs.
G 3A	16 x 5	50 lbs.	G 19	6 x 5	25 lbs.
G 4	15 x 6	59 lbs.	G 19A	6 x 4½	20 lbs.
G 5	15 x 5	42 lbs.	G 20	6 x 3	16 lbs.
G 6	14 x 6	57 lbs.	G 20A	6 x 3	13 lbs.
G 6A	14 x 6	46 lbs.	G 21	6 x 2	12 lbs.
G 6B	13 x 5	41 lbs.	G 22	5½ x 2	11 lbs.
G 7	12 x 6	54 lbs.	G 22A	5½ x 1½	9 lbs.
G 7A	12 x 5	32 lbs.	G 23	5 x 5	24 lbs.
G 7B	12 x 6	44 lbs.	G 24	5 x 4½	22 lbs.
G 8	12 x 5	39 lbs.	G 24A	5 x 4-3-16	19 lbs.
	10 x 8	70 lbs.	G 25	5 x 3	15 lbs.
G 9	10 x 6	45 lbs.	G 25A	5 x 3	11 lbs.
G 10	10 x 5	35 lbs.	G 26	4¾ x 1¾	10 lbs.
G 10A	10 x 5	29 lbs.	G 26A	4¾ x 1¾	6½ lbs.
G 11	10 x 4½	30 lbs.	G 27	4¾ x 3	14 lbs.
G 11B	9¾ x 3¾	21½ lbs.	G 28	4 x 3	13 lbs.
G 12	9 x 7	58 lbs.	G 28A	4 x 3	9½ lbs.
G 13	9 x 3¾	20 lbs.	G 29	4 x 1¾	8 lbs.
G 14	8 x 6	35 lbs.	G 29A	4 x 1¾	5 lbs.
G 15	8 x 5	30 lbs.	G 30	3½ x 3	10 lbs.
G 16	8 x 4	25 lbs.	G 31	3½ x 1½	6 lbs.
G 16A	8 x 4	19 lbs.	G 32	3 x 3	10 lbs.
			G 33	3 x 1½	4 lbs.

Makers of COMPOUND and PLATE GIRDERS, STANCHIONS, Etc.

12,000 tons of all sections kept in stock.

All sizes of ANGLES and CHANNELS.

FLOORING of Lindsay's and Special Sections: Bulbs, 6-inch to 12-inch; Rounds, ½-in to 7-in; Half-Rounds, 1½-in to 3¼-in; Squares, ½-in. to 4-in.; Flats, 1-in to 18-in.; Rails up to 56 lbs. per yard. Tees, Bulb-Tees, Zeds, etc., for Engineering, Ship-building and Wagon Work.

Manufacturers of Galvanized, Corrugated and Plain SHEETS, 16 to 28 gauge. Usual lengths and widths.

Manufacturers of TELEGRAPH WIRE, WIRE RODS, Bright, Galvanized STRAND & BARB WIRE. Varnished and Galvanized FENCING WIRE.

STEEL WIRE FOR ROPES.

CONTRACTORS TO HER MAJESTY'S GOVERNMENT
 BY ROYAL LETTERS PATENT

NO PAINT. NO PUTTY.

IMPERISHABLE WATER-TIGHT

WORKS LONDON OFFICE
 BAY HALL, HUDDERSFIELD, YORKSHIRE. 39, VICTORIA ST. WESTMINSTER, S.W.

TELEGRAPHIC ADDRESS: "GLAZING" HUDDERSFIELD. TELEPHONE: No 254 HUDDERSFIELD

THE ONLY DUST-PROOF SYSTEM

HEYWOODS

GLASS GLASS

LEAD BAR

SMALL FULL-SIZE Steel BAR SECTION Galvanized

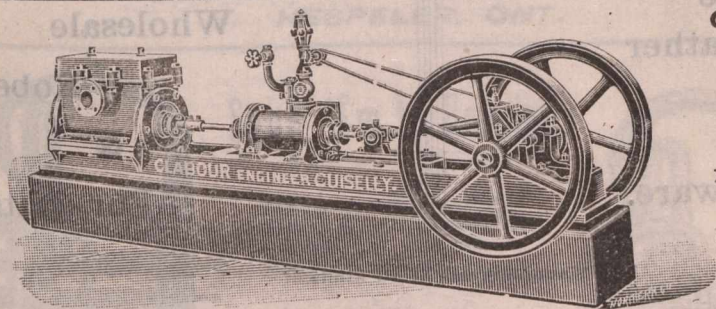
COMBINATION SYSTEM

No OUTSIDE FASTENINGS to break off.

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

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

Asbestos Packing



GOLD MEDAL AWARDED.

Established 1874.

Nat. Telephone No. 7, Guiseley

Tele. Address: "CLABOUR, GUISELEY."

Improved Horizontal Steam Engines,

From 2 to 30 H.P., in Stock and Progress. Trade Supplied. Send for List of References from 200 firms.

IMPROVED VACUUM PUMPS For Chemical Manufacturers

With Engine Combined. The Best in the Market. 33 per cent. cheaper than any other maker. Send for References.

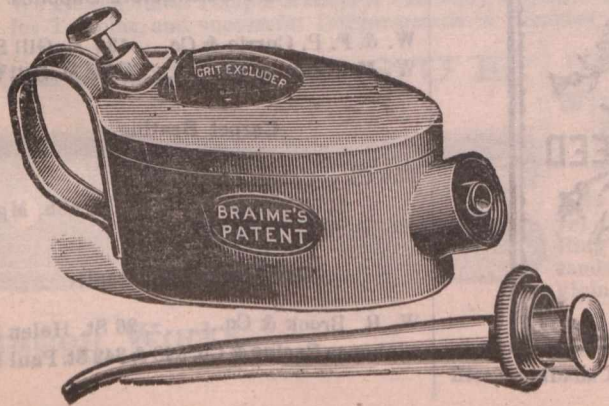
SOLE MAKER:

J. B. CLABOUR, ENGINE WORKS, GUISELEY, near LEEDS, ENG

These Engines are manufactured for the Canadians, under the New Preferential Tariff, 33 1/2 per cent. cheaper than American Engines.

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.

D. M. LONG.

Carpenter

Builder,

104 Cathedral St., MONTREAL.

Estimates

Given for Buildings of every Description, including Dwellings, Stores, and Hotel and Bar-room Fixtures.

Tel. Main 3556.

BANK PRINTING.

Journal of Commerce,

Tel. Main 238.

171 St. James Street.

FOR SALE, in Canada (about 5 miles West of Niagara Falls) in the Garden of the Dominion, that First-Class Grain, Pasture and Fruit Farm known as "BEECHLANDS," situated immediately East of the town of Thorold, and 4 1/2 miles from St. Catharines, in the Province of Ontario; about 1/2 mile from P. O., Market, Railway Stations, Churches, Schools, &c., containing about 90 acres fertile loam clay; Fishing Stream of Water and Railway through the place; Partridge Grove at lower end; Barns, Stables and other Outhouses, all for \$7,500. Or will sell without large Stone House and part of Orchard, Grove and Lawn, say 6 acres. The Gothic Stone Lodge-House, at the North gate is ample for ordinary family. Easy terms of payment. The place is well adapted for, and produces Wheat, Oats, Barley, Hay, Clover, Apples, Grapes, Pears, Peaches, Plums, Cherries, Quinces, Strawberries, and other small fruits, nearly all of the finest quality. Or will Lease Farm, Lodge and Outbuildings (the latter somewhat out of repair), with privilege of buying. No waste land. Thorold and St. Catharines have a connecting electric-tram service running through the manufacturing town of Merritton. The steam railway service to the Falls has been replaced by an electric railway service. Address the owner, M. S. FOLEY, Editor and Proprietor of the "Journal of Commerce," Montreal, Canada.

Leading Manufacturers &c.

D. MORRIGE, SONS & CO.

MONTREAL and TORONTO.

Manufacturers' Agents and
General Merchants,

The Canadian Colored Cotton Mills Co.,
Montreal,
MILLS AT

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

Shirtings, Gingham, Ticks, Cottonades, Oxfords,
Denims, Flannelles, Yarns, Awnings, Dress
Goods, Sheetings, etc.

THE PENMAN MANUFACTURING CO.,
PARIS.

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

THE AUBURN WOOLLEN MAN'G CO.
PETERBOROUGH.

Tweeds, Beavers, etc.

WHOLESALE TRADE ONLY.

Leading Manufacturers, &c.

JAMES A. CANTLIE,

NEW OFFICE:

22 ST. JOHN STREET,
Montreal, Que

Same Telephone
No. 341 MAIN.

Kindly Alter my Address in the Telephone
Directory.

**CAMPBELL'S
QUININE WINE.**

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

The best cure for Debility.

JUST WHAT

YOU NEED

THIS SPRING.

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.

See our

**LOOSE
LEAF**

LEDGER, (Miller Patent.)

....ALSO OUR....

Binders & Sheet Holders,

For Duplicate Invoices,
Orders, Way Bills, etc.

Before ordering elsewhere.

WE MANUFACTURE.

* **MORTON, PHILLIPS & CO.,** *

Stationers, Blank Book Makers and Printers.

1755 & 1757 Notre Dame St., Montreal.



S. BIRCH & CO.,

BELFAST, Ireland,

Manufacturers of the celebrated

BELFAST GINGER ALE
and SODA WATER...

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.

Special Prices to Canadians under the New Canadian Tariff

MONTREAL

MERCHANTS AND MANUFACTURERS.

Awnings, Tents Tarpaulins, Flags, Etc.

Thos. Sonne.....193 Commissioners St.

Builders' and Contractors' Supplies.

W. & F. P. Currie & Co....134 McGill St.

W. McNally & Co.....50 McGill St.

Carpet Beating.

The City Carpet Beating Co.,

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

Dry Goods, Wholesale.

W. R. Brook & Co.....26 St. Helen St

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

Canadian Colored Cotton Mills Company.

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

Wholesale, Trade only Supplied.

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

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

STORAGE
(FREE OR IN BOND)

FINLAYSON & GRANT,
CUSTOMS BROKERS,

418 to 417 St. Paul Street, Montreal

Bell Telephone Main 1202 P. O. Box 684.

JOHN E. HARDMAN, S.B.

Consulting Mining Engineer,

Room 3, Windsor Hotel, MONTREAL, QUE

20 Years' Experience in the Mining and Reduction of Gold, Silver, Lead and Copper.

13 Years as a Specialist in Gold Mining and Milling

GEO. GONTHIER,

Bell Tel.:—Main 2113, Accountant & Auditor.

SOLE REPRESENTATIVE FOR THE PROVINCE OF QUEBEC OF

The ACCOUNT, AUDIT & ASSURANCE Co., Ltd.
OF NEW YORK.

11 & 17 Place d'Armes Hill, MONTREAL, QUE.

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

171 St. James St.

Journal of Commerce.

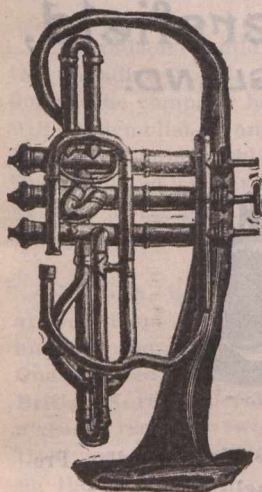
THIS LITTLE TRADE MARK



ON A SAW GUMMER

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

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



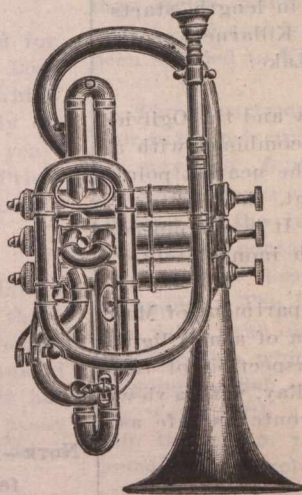
Send 'Em to Douglas'

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

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

36 to 42 Brunswick Street,
Glasgow, Scotland.

Established over Half a Century.



Telegrams: "UNITY, PADIHAM."

The Unity Wood & Iron Co.

MACHINISTS, IRON and BRASS FOUNDERS,

Patent Temple Makers and Patentees,

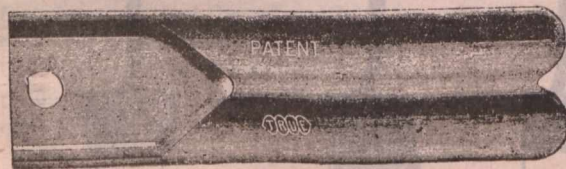
Guy Foundry, Padiham, Lancashire, England.

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

PATENT "TRUE" TEMPLE.

With Steel Cap and Patent Adjustable Roller Bearers.

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



Station Works,

Padiham, England.

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 authorities of Queen's University, Kingston, are arranging meetings throughout Frontenac County with reference to the by-law granting \$20,000 to build a convocation hall.

—The Valleyfield, Que., Board of Trade has entered into negotiations with the American Steel and Wire Co., a part of the big steel corporation, looking to the location of a Canadian mill of the company in that town.

—The Canadian section of the Imperial Institute, in London, is preparing to open offices in the business part of the city, where Canadian produce will be better placed before the eyes of London merchants than at present.

—An order will, it is stated, be shortly given the Kingston Locomotive Works for twenty engines for the Intercolonial Railway, and similar orders from Sault Ste. Marie, and from the Dominion Steel Company, about sixty in all.

—Roland Millar, Montreal; Victor Vivian Rogers, Victor Harold Lyon, Ellis Clendenan and James Facey Warne of Ottawa will apply for a charter of incorporation, under the title of the Canadian Power Company. The capital stock is said to be \$25,000.

—During the week ending September 14th there were inspected at Winnipeg 1,045 cars of wheat, of which 466 graded No. 1 hard, 890 No. 1 northern, 161 No. 2 northern, 5 No. 3 northern, 10 rejected, 2 no grade, 5 condemned. The large proportion of wheat grading No. 1 hard and No. 1 northern makes it evident that the bulk is bringing top prices.

INCORPORATING FIRMS ESTABLISHED OVER 100 YEARS.

FLEMING'S

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

'TEON'

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

BELTING.

Fleming, Birkby & Goodall, Ltd.,

Leather, Hair, Cotton & 'Teon' Belting Mfts.

West Grove Mill, Halifax, England,

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

—The customs returns at the port of Toronto for September were heavy, the receipts being \$478,060, an increase of \$65,845 over those of September, 1900.

—The Oddfellows' block, Kingston, Ont., burned about three years ago, has been sold to L. L. Henderson and Jas. Henderson, who will construct stores on the site. The ruins brought \$4,500.

—Berlin advices state that an important meeting of 140 representatives of the Chambers of Commerce of the Empire was held recently to consider the Government's tariff proposal. The adoption of a minimum tariff on cereals and other commodities was almost unanimously opposed.

—As pointed out to us, a word of explanation is necessary regarding an item in our issue of the 27th ult re the declared dividend of the Dominion Iron and Steel Company. The reference to a 3½ per cent. dividend should have specified as being on the preference stock.

—The Canadian Pacific Railway Company is making surveys from Greenway to Holdner in Manitoba for a branch road. The projected line, about 100 miles in length, starts at Carmen and runs southwesterly toward Killarney, crossing the valley between Rock and Pelican Lake.

—The Winnipeg Street Railway Company and the Ogilvie Milling Company have, we are informed, combined with a view to bringing in electric power from the nearest point on the Winnipeg river, sixty miles distant, the rights of which have been secured for some time. It is announced that developments will be proceeded with immediately.

—Col. Anderson, chief engineer of the Department of Marine, who is superintending the installation of a new light and syren at Belle Isle, will make an inspection of the lights and signals at Cape Race and Cape Ray, with a view of having everything done to make the route as safe as possible for navigation.

—Berlin advices state that the Minister of Commerce, Herr Moeller, speaking at a banquet recently in connection with the sitting of the German commercial diet, declared the Government was in a difficult position. It must admit that commercial treaties for long periods were necessary and that higher protection for agriculture was a political necessity.

—Copenhagen advices state that it is officially announced that the Minister of Finance will this week recommend the Rigsdag to authorize a Government loan of thirty million crowns. Americans are interested in the loan, as they were in the recent loan of \$10,000,000, floated by the City of Copenhagen, which was furnished by New York capitalists.

—September land sales by the Canada and Northwest Land Company were very heavy. This company sold 11,000 acres for the sum of \$60,000. For September, 1900, the sales were 2,400 acres, for the sum of \$12,800. The sales by the Canada and Northwest Land Company for the year are 8,000 acres in excess of those up to September 30 last year.

—Toronto advices of the 27th ult., state that during the week five hundred thousand bushels of Canadian oats have

been purchased for shipment to South Africa. These consignments added to the purchases amounting to about 700,000 bushels bought earlier in the month, have lessened the Canadian supply of the cereal by over a million bushels. The filling of the orders has stiffened prices quite materially.

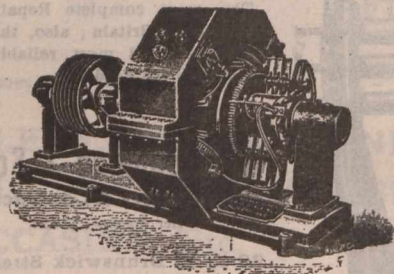
—The Canadian Pacific Railway land sales for the month of September were much heavier than usual, aggre-

ALFRED SYKES,

**ELECTRICAL
ENGINEER,**

Spring Place Works,

**Huddersfield,
ENGLAND.**



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

MATTHEW, REID & CO.,

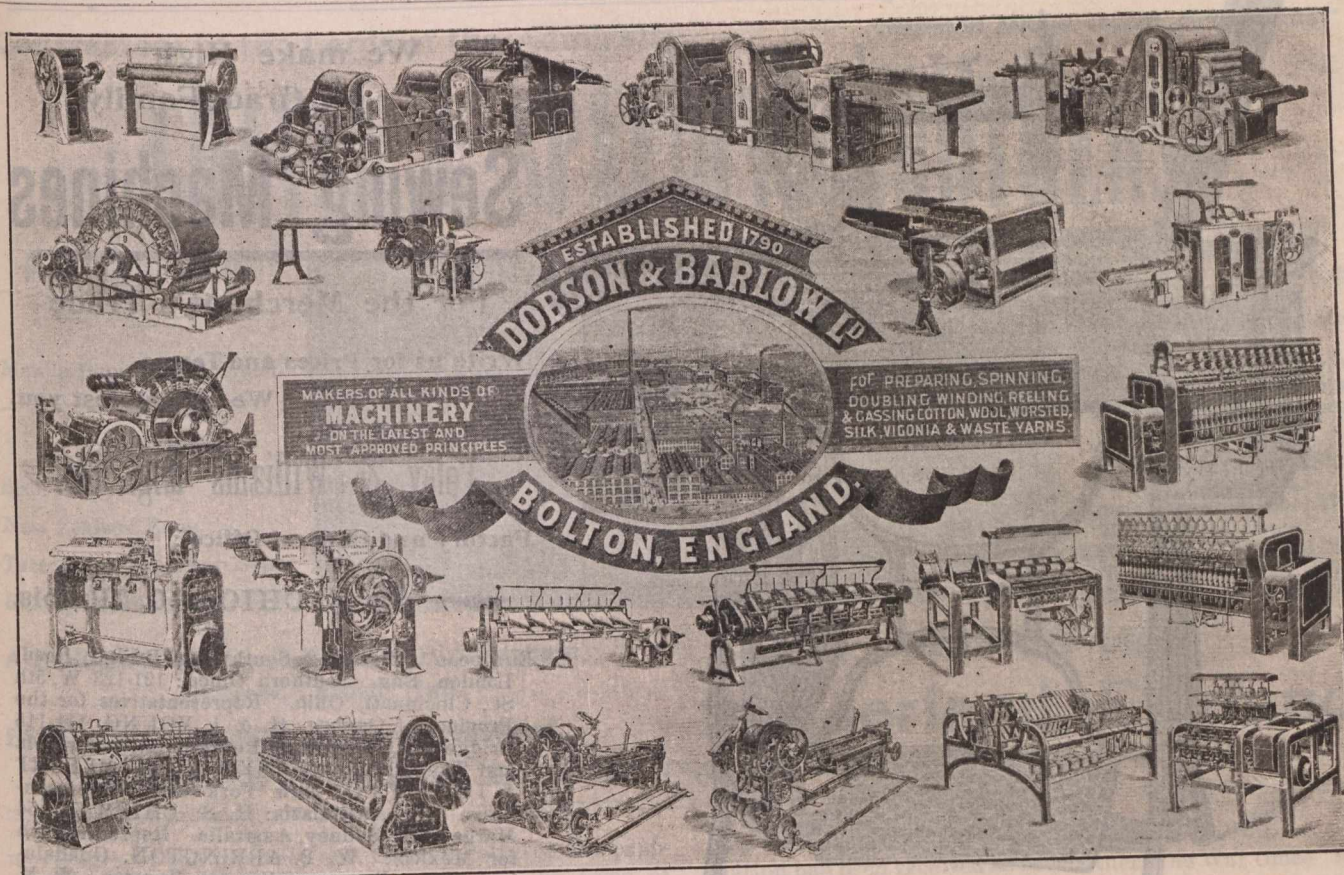
Kilmarnock Forge, - - KILMARNOCK, SCOTLAND.

Manufacturers of

Spades and Shovels.



Special reduction to Canadians under the new tariff made with England.



gating, when the returns are completed, in the neighborhood of 63,000 acres for \$219,000. In September, 1900, the total sales amounted to 21,807 for \$69,012.54. The land sold this year exceeds sales up to the same period of last year, by about 40,000 acres.

—A handsome building, it is stated, will be erected for the Canadian Pacific Railway on Trafalgar Square, London. The company has acquired four large stores, which will be demolished and work commenced immediately on the new building, which is to be completed within a year. The plans, which have been drawn up by Mr. Bruce Price, of New York, now await the approval of Sir Thomas Shaughnessy.

—Victoria, B.C., advices state that the steamer *Hating* arrived from the North on the 1st instant, with three hundred thousand dollars' worth of gold dust on board. One hundred thousand was consigned to the local Bank of British North America. The Vancouver assay office has already received two-thirds of the shipment for assay treatment. One hundred and sixty passengers came down on the steamer.

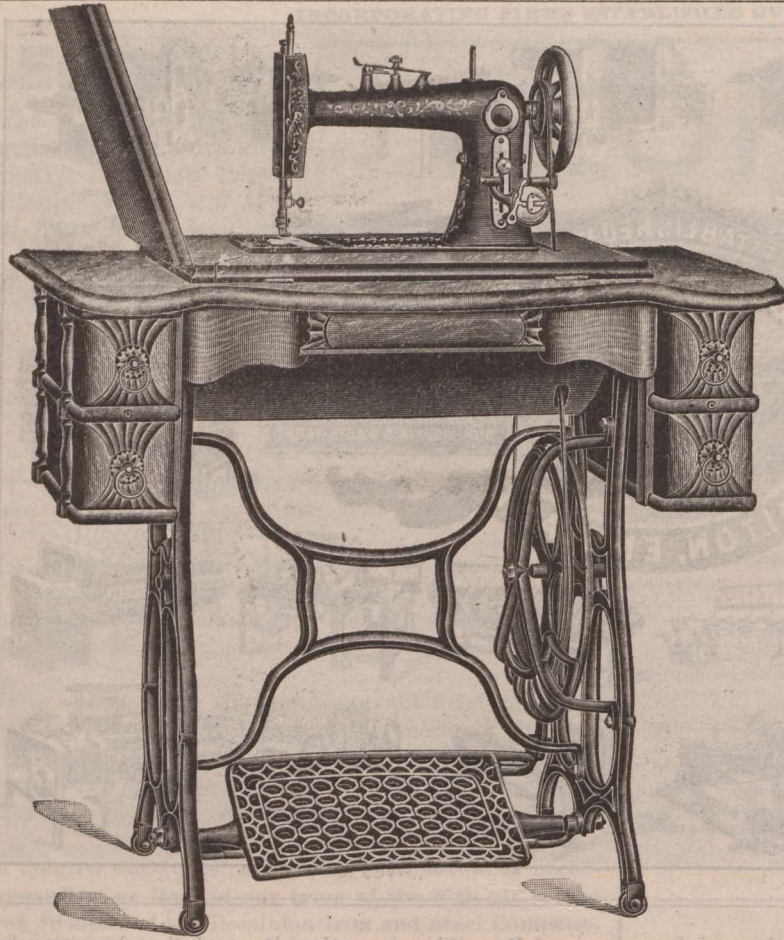
—Advices received from British Columbia state that the product of the salmon fishing in that province during the past year has surpassed anything previous. On the Fraser river alone there have been 920,000 cases of salmon tins prepared for shipment. The total output all over will be about 1,250,000 cases. The largest shipment in any former year was 860,000 cases. There are 48 tins in a case, which makes a total of sixty million tins of salmon for consumption.

—Negotiations are stated to be in progress with Toronto shipbuilders for a first-class ferry steamer to run between Indiatown and Gagetown, or Washademoak, on the St. John river, N.B. The vessel is to be a side-wheeler 140 feet long, 25 feet broad, with a draught of 5 ft., fitted with feathering paddle-wheels of the latest type, and driven by triple expansion engines of 1,000 horse-power and capable of giving a speed of 18 miles an hour. She will cost about \$45,000.

—We learn from Philadelphia that the British steamship *Ormesby* was chartered last week to take the first full

cargo of Pennsylvania anthracite coal that has ever been shipped to Europe from the United States. The cargo will consist of 3,600 tons and will be shipped to Stettin, Germany, but will finally go to Berlin. The coal will be laid down in Berlin, at 31s 6d per ton, which is 2s cheaper than Welsh cannel, which is generally used on the Continent. The coal is for use in American stoves, which have been shipped to Europe lately in large numbers.

—The Department of Fisheries is active in the distribution, in the principal waters of the Dominion, of such fish as may be found adapted thereto. From Ottawa we learn that a car specially fitted for the purpose left Ottawa by the Imperial Limited this week carrying 50 large casks containing black bass, intended for planting in some half dozen lakes in the Territories and British Columbia. The bass are of three sizes, viz., full grown fish, fish a year old, and small fry about three months old. The problem which has perplexed the authorities in the shipping of fish such a long distance is that of charging the water with a sufficient quantity of oxygen to maintain the life of the fish for the five or six days of the journey. A novel device has been determined upon, operated on the principle of a fanning mill, and is intended to charge the water in which the fish swim with the necessary oxygen as often as is required. The car is in charge of two expert officers, and the first planting will take place in Crane Lake, on the western prairies. At Calgary another lot will be left to be deposited in the lakes near Lacombe, in the district of Edmonton. At Banff, a fine collection will be unloaded and placed in Devil's Lake and other fine sheets of water in the National Rocky Mountain Park. Golden, B.C., will get a consignment, part of which will go to the northeast waters of the Kootenay and part to Revelstoke. A very important selection of bass will be shipped to the Boundary district to be deposited by officers at Cascade City, in Christina, and other lakes. The fish then remaining in the car will be taken to Vancouver and planted in three or four lakes there. These lakes are admirably adapted for black bass and are frequently visited by military and naval officers at Victoria and Esquimalt. The Fisheries Department has been very successful in securing a good supply of black bass on a somewhat less extensive scale for planting in Lake Massawippi and some other lakes near Sherbrooke and Three Lakes near Montreal. This will be the first experiment in planting bass tried in Quebec.



We make High
Grade Family
Sewing Machines

For the Merchant's Trade
Write us for Prices and Terms.
We can interest you.

Foley & Williams Mfg. Co.
Factory and General Office :
CHICAGO, Illinois.

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

—The man who has to buy heavy woollen underwear for his family's winter needs is naturally in favor of securing these goods at the lowest possible price regardless of where they were made or in what measure the tariff assisted or hindered their presence in his locality. The man who is manufacturing these goods in Canada desires a protective tariff high enough to keep the home market clear for home manufacture, while the English and Scotch makers are in line with the former, because, with special machinery for each kind of weave they can manufacture at a lower price than the Canadians, whose mills are not so well adapted. From these points a good argument is raised on both sides. We learn from Toronto that the executive of the woollen section of the Canadian Manufacturers' Association decided recently to hold the annual meeting of the section at Montreal during the annual meeting of the Canadian Manufacturers' Association. Mr. C. J. Alexander, ex-president of the South of Scotland Chambers of Commerce, delivered a short address, in

which he dwelt upon the absurdity of the policy of the Dominion Government in not encouraging the woollen business. Mr. Alexander instituted comparisons between Canada and the United States, showing that while this country imported \$10,000,000 worth of woollen goods last year, the imports of the United States only amounted to \$14,000,000. This was due to the fact that the United States grants a much larger measure of protection to the woollen manufacturers than Canada. Mr. Alexander was of the opinion that the tariff on woollens should be materially increased in this country until such a time as the industry becomes firmly established. He stated that while he was a free trader so far as Great Britain was concerned, he believed that what Canada required was a true national policy. Mr. Alexander was for a number of years engaged in the woollen business in Scotland, and had also made himself thoroughly conversant with the conditions of trade in Canada and the United States.

—Fire Insurance Decisions.—Where a husband conveys property to his wife for the purpose of defrauding his creditors, and she subsequently has the same insured for her own benefit, and a loss covered by the policy occurs, the insurance company, if in any event liable to the husband for such loss, certainly is not if it issued its policy in ignorance of the fraudulent transaction between him and his wife, and hence cannot in such a case be by garnishment made liable to his creditors. *St. Paul Fire & Marine Ins. Co. et al vs. Brunswick Grocery Co.*, 39 S. E. Rep (Ga.), 483.—Where policies are taken by a warehouseman to secure property held by him in trust for others, they are floating policies, and are broad enough to cover property belonging to other persons, and taken into storage subsequently to their issuance. *Smith et al vs. Carmack et al.*, 64 S. W. Rep. (Tenn. Ch. App.) 372.—Where a warehouseman procures insurance on property held in trust for others, and, by his representations that the property was insured, prevents the owner from taking insurance on his own account, he is estopped, after loss by fire, from claiming that the policies were only for indemnity on his personal loss. *Smith et al vs. Carmack et al.* 64 S. W. Rep. (Tenn. Ch. App.) 372.—Where an owner of property which was destroyed by fire had taken out a number of insurance policies on the same, each of which contained a "mortgage clause," making the insurance payable to a

SLADE & Co., Ltd.

THE ROYAL
TAFFY WORKS,

LEEDS, - ENGLAND.

Manufacturers of
the finest

HOME
MADE
TAFFY.

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

Contractors to the Lords of the Admiralty.

Telegraphic Address: "ROPES, SUNDERLAND."

CRAVEN & SPEEDING BROTHERS,

Hemp Rope Department.

Manilla Rope, Staple Brand.

" " "Red Star" "

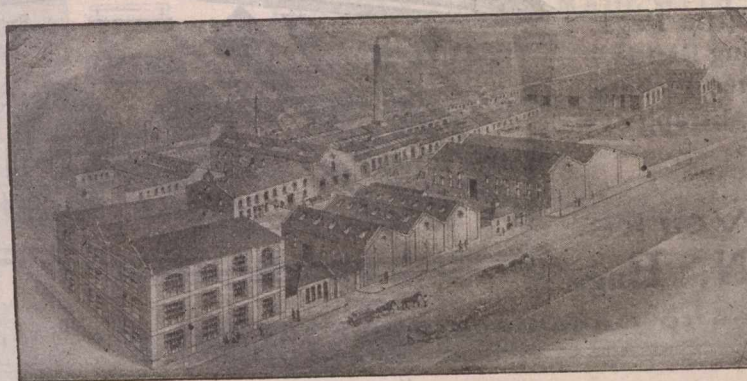
" " "Blue Star" "

Sisal Rope.

New Zealand Rope.

Tarred Russian Hemp Rope

Boltrope & Boltrope Cordage



Wire Rope Department.

(COLLIERY SECTION.)

Special "C" quality Extra

Plough Steel Ropes.

"D" quality Plough Steel

Ropes.

Special "A" quality Patent

Improved Steel Wire Ropes.

"B" quality Patent Improved

Steel Wire Ropes.

Wire Rope Department.

(SHIPPING SECTION.)

Special Flexible Steel Wire

Hawsers and Ropes.

Extra Special Flexible Steel

Wire Hawsers and Ropes.

B.B. Galvan'd Wire Rigging

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

FOREIGN AGENCIES: Hamburg, Antwerp.

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

HEAD OFFICE:

Sunderland, England.

mortgagee of the property and the full value of the property destroyed was paid to such mortgagee by some of the insurance companies, such owner thereafter had no right of action against another insurance company, even if before such settlement of the loss it may have been liable to him upon its policy. Norwich Union Fire Ins. Soc. vs. Wellhouse, 39 S. E. Rep. (Ga.) 397.

—Shipments of Canadian hay are reported going forward to South Africa at the rate of 10,000 tons a month. Exclusive of the shipments on board the Selasian, which is about ready to leave St. John, N.B., for the Cape, says an Ottawa dispatch, ten additional steamers have been

chartered up to the end of November. No official intimation has been received as to whether the War Office will require more Canadian hay after that time. The Sella-sian will take to South Africa the last of the stock of old hay. Future shipments will consist of the new crop, and contracts between the Government and shippers are being made on the following basis: The hay to be good timothy, specially selected, not mixed with more than 20 per cent. clover; the bales to weigh approximately one hundred pounds each, and in no case less than ninety-five pounds or more than one hundred and five pounds each; the hay to be compressed to stow in not more than 70 cubic feet per ton. Hay occupying more may be accepted at the option of the department, but only at a reduction of \$1.50 per ton from the contract price for every ten feet, or any part thereof, stowage space required per ton in excess of the standard herein specified. The department is paying the farmers \$14 a ton for this hay, and the demand for export cannot fail to keep up the price all over Canada. Prof. Robertson has been at St. John, N.B., making arrangements for the erection of a storage shed so that loading may proceed during inclement weather.

—Valuable discoveries have, it is reported, been made recently on a large deposit of iron ore 24 miles north of Sault Ste. Marie, Ont. The mine was originally discovered many years ago, but was not developed, as the prospect of spending a large sum on building a railroad to the Soo, did not look favourable. Now, however, it is reached by

SASH WEIGHTS



Manufactured for the Canadian Market
under the New Tariff, by

C. H. Taylor & Son,

CYCLOPS FOUNDRY.

LEEDS, ENGLAND.

The Cherry Tree Machine Co.,

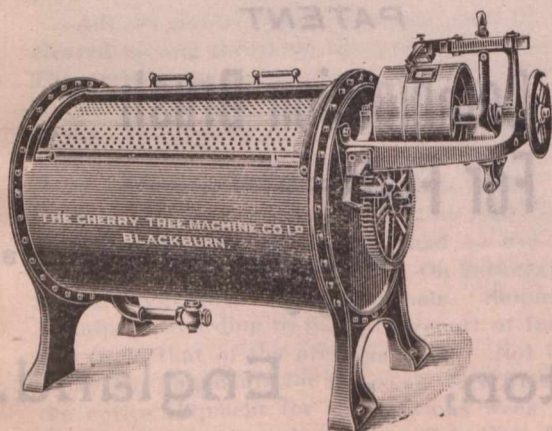
LIMITED

MAKERS OF HIGH-CLASS MODERN

Laundry • Machinery,

For Hand and Steam Power Laundries, Hos-
pitals, Workhouses, Public Baths, Hotels, &c.

Cherry Tree, near BLACKBURN, Eng



Send for Illustrated Catalogue.

Plans and Estimates Free on receipt of Particulars.

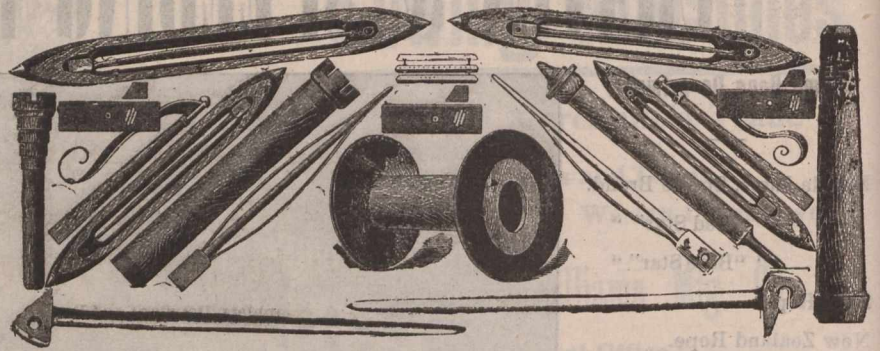
KIRK & CO.,

SHUTTLE
And Bobbin Makers and General
MILL FURNISHERS.

SPECIALITIES.

SHUTTLES, Shuttle Pegs.
Oak-tanned Picking Bands.
Buffalo and Leather Pickers.
Leather Bumpers, Strappings,
etc.

Cob Wall Works,
BLACKBURN, Eng.



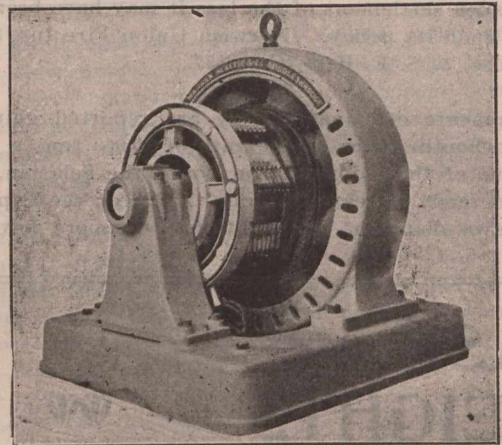
Special Rates to Canadians under the New Preferential Tariff

the Algoma Central Railway, and work is being pushed by the Beitung Iron Company. A vein of specular iron ore, 300 feet wide and 60 per cent. pure on the surface, is reported to have been found, while the whole deposit is in the nature of a mountain, suggesting comparisons with the Helen mine at Michipicoten. A complete plant of mining machinery is now on the way to the mine and will soon be installed. The company expects to ship ore to the Canadian Soo this fall. The Alice A., which has been regarded as one of the promising gold mines in the Seine River district, has been leased by a newly-formed English company known as the British Ontario Gold Company, Limited, for a term of 99 years, as the result of the efforts of Col. J. S. Hillyer, formerly of Duluth and now of London, England. The new company includes in its directorate Col. Engledue, who headed a syndicate which did considerable exploratory work in western Ontario several years ago. The agreement calls for development work at the rate of 200 tons of ore a day for 300 days in the year. The capital of the company is £300,000, and the property leased covers 1,152 acres.

—The continuous rains in Manitoba and the Northern country are interfering seriously with construction work as well as threshing operations. Speaking of the work on the Canadian Northern line to Port Arthur an official of that road stated that if the present conditions continue it will be difficult to get very much done this season, and it is quite impossible to say how far work will be on before the winter sets in. Even considering the scarcity of men the work would most likely have been through to Port Arthur by October 31st. Regarding the unthreshed wheat in Manitoba this official said: "If there is not a change soon the damage cannot fail to be considerable. I do not see why the farmers of Manitoba do not stack their grain as soon as it is cut. I am sure there was time

enough this year for the whole crop to be put into stack. Yet very little of it is, and the consequences will be great damage in many ways to the crop. If it was well stacked it would be safe until next spring. The farmers have had repeated lessons on this point, but they do not seem to profit by them." The different elevator companies who have headquarters in Winnipeg have decided to stop buying wheat for the present. This has been decided upon

TELEGRAMS:—"Install,"Middlesbrough.



30 KIL WATT DYNAMO.

Warren, Beattie & Co., ELECTRIC POWER ENGINEERS,

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

...MIDDLESBROUGH, England.

Philipson & Co's.,

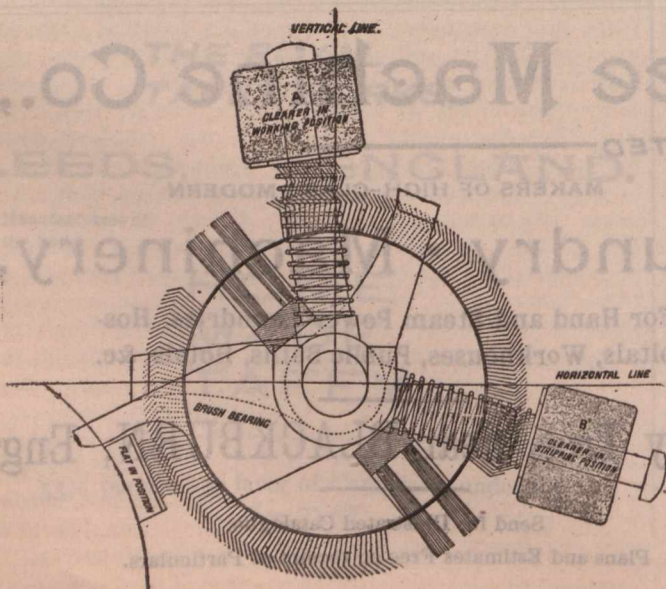
PATENT

Combination Brush For Flats

With 1897 Improvements.

...

Bolton, - England.



'RODGERS' PULLEYS'

(REGISTERED.)

WROUGHT IRON THROUGHOUT:—RIM, ARMS AND BOSS.

THE ONLY PULLEY MADE WITH A WROUGHT IRON BOSS.

Split or Solid.

All Sizes up to 24 feet Diameter.

140,000 in use.

THE BEST PULLEY IN THE WORLD.

Pamphlets, Drawings and Prices
Forwarded on application.The "NON-DRIP" Shaft Bearing. (ETCHELL'S
PATENT.)

Self Swivelling. Self Lubricating. No Drip Cups Required.

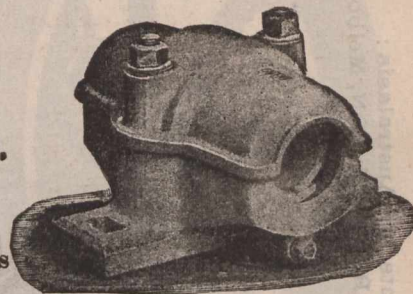
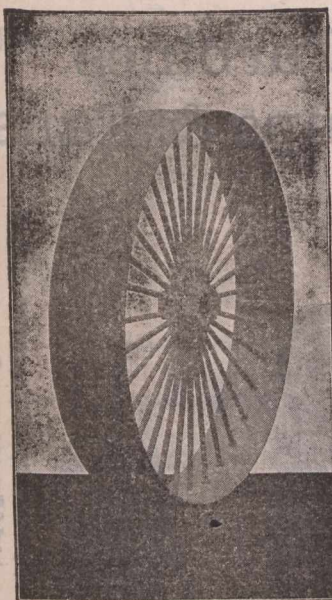
SOLE MAKERS:

HUDSWELL, CLARKE & CO., Ltd.,

RAILWAY FOUNDRY.

(Telegraphic Address:)
"LOGO," Leeds.

LEEDS, ENGLAND.



SEND FOR PRICES.

in the interest of the producer, as a large quantity of "no grade" wheat put on the foreign market at present would have a bad effect on the balance of the crop to be marketed. Deliveries of grain at C.P.R. points were reported light, owing to wet weather, threshing throughout the country has practically ceased. Grain men say the country wants a month of dry weather to get its crop threshed. A later report published on another page shows conditions to be greatly improved.

—Eastern Townships, Que., Notes.—At a special meeting of the Richmond Town Council, held recently, the by-law authorizing the town to take \$10,000 stock in the Bridge Company was passed. The by-law will be submitted to the people October 8.—Potatoes are reported to be turning out badly in the Townships. Rot, due to wet weather in September, has done much damage.—The bronchos from the Northwest sold to Eastern Townships farmers this summer are turning out badly. A large percentage have died.—The directors of the Molsons Bank have decided to close their Valleyfield branch. Its collections, etc., will be taken over by the Hochelaga Bank.—The buildings of the Brompton Pulp and Paper Company, are to be of mammoth proportions, and three stories high. Two hundred men are now employed, and the work is going forward rapidly. The dam is finished and the company has purchased 1,400 acres of land along the St. Francis, which has been surveyed into lots and streets for a village. About fifteen acres of this is cleared up ready for building. A large hotel will be erected. The company expects to turn out two hundred tons of pulp per day.

—Advices received from Manitoba state the weather has cleared up and threshing operations are now in full blast. The outlook for continuous fine weather for some weeks is good. Threshing will not be completed for about six weeks. In previous years with ordinary crops it has been about finished at this date. The amount of wheat in store at country points at Canadian Pacific Railway stations at the close of the week ending September 28, shows that the wet weather has not had so bad an effect on the deliveries as was anticipated. On Saturday the amount in store aggregated 1,661,000 bushels. Shipments through Winnipeg, according to the daily report of Inspector Horn, will equal that of the previous week. Not including Saturday, the shipments for the week were 1,144 cars, against the entire shipment for the previous week of 1,471 cars. For the previous week, ending Saturday, September 21, there were 1,455,865 bushels of wheat in store, which would

indicate that the deliveries for the last week at elevators in Manitoba were something over a million and a half bushels of wheat.

—The following company notices appear in the current issue of the Ontario Gazette: The Longford Quarry Company, Limited, has been incorporated with a share capital of \$50,000—McFarland, Gray and Southgate, Limited, have been incorporated with a share capital of \$200,000, to carry on the dry goods business in Toronto now conducted under the firm name of McFarland, Gray and Southgate. —The Canada Grip-Quinine Company, Limited, have been incorporated with a share capital of \$500,000. Head office, Brockville. The provisional directors are: Hon. Chas. W. Merriman, U. S. Consul; Lieut.-Col. Jackson, Thomas Tompkins, Lieut.-Col. W. H. Cole, and W. F. Jackson, all of Brockville.—The Dominion Laundry Soap Co., Limited, has been incorporated with a share capital of \$20,000. Head office, Toronto.—The Black Eagle Gold Mining Company, Limited, the Canada Hammock Manufacturing Company, Limited, of Paris, Ont., the Hull Electric Company, and the Dominion Portland Cement Company have also been licensed to carry on business in Ontario.

—The tariff rates adopted by the Government telegraph service for the recently completed Yukon telegraph line have been issued by the Government. The local rates at present in force on the line beyond Atlin are to be continued. The rate for any office on the line, above or below Atlin, to or from Ashcroft, is to be on the basis of 50 cents for the first 100 miles, and 25 cents for each additional 100 miles, which would figure out from Dawson to Ashcroft \$4.50 for 10 words and Atlin to Ashcroft \$3 for 10 words, the usual proportionate rate for additional words being 30 and 20 cents respectively. For through business the proposed rate contemplates 30 cents for additional words where the 10 words each is over \$4; 20 cents for additional words \$3 up to \$4; 15 cents for additional words \$2 up to \$3, and 10 cents for additional words \$1 up to \$2. The cable rate will be 35 cents per word with a minimum of \$4 from any point on the line. The press rate will be 5 cents a word, with a minimum of \$3 to all points from Ashcroft.

—Later and more reliable estimates of the Manitoba wheat crop, it is pleasing to note, do not lessen former predicted figures. Mr. G. V. Hastings, manager of the Lake of the Woods Milling Company, in Montreal this week, estimates the crop of wheat for Manitoba and the Territories at 46,000,000 bushels, out of which there would

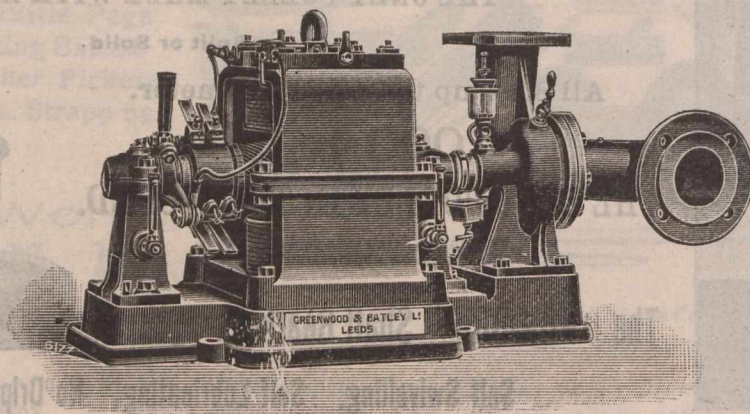
Machines in use, 2402

HP. 71,786.

Made from 1½ to 300 HP.

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

Agents for Australasia:
JAMES BARTRAM & SON, Melbourne.



No. 6771. ELECTRIC MOTOR PUMP; TYPE A. M. P. 2.

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

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

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

SOLE SELLING AGENTS:

Greenwood & Batley, Ltd., ALBION WORKS, LEEDS, Eng.

To whom all Communications should be Addressed.

be a surplus for sale of something like 42,000,000 bushels. The great bulk of the present crop grades No. 1 hard, although the late rains have bleached a portion, and some of it will lose in consequence. Fortunately, the major part of the crop was threshed before the rains, and is either in store at receiving elevators or in farmers' granaries. Last year, nearly all the wheat was low grade, so that the farmers did not benefit by the comparatively high prices. This year the price is lower, but the grade is higher, and there is abundance. The above company has taken in more wheat in some elevators during the few days that have expired since threshing began than it did for the whole of the season last year.

—Strike matters are reported to have reached an acute stage at Rossland, B.C., R. J. Frecheville, the newly appointed London Le Roi director, who has been sent out by the shareholders to investigate the mine management and the labor situation, arrived and will commence his investigation at once. The Dominion Government agent who was sent to investigate the alleged open violations of the alien labor act, has forwarded his report to Ottawa, and is waiting instructions before deporting the Missouri miners brought in. The Police Magistrate in two recent test cases fined a contractor \$550 for importing alien miners, against the provisions of the Act, and the evidence and judgment were sent to the Minister of Justice, with the request that the men brought there should be deported under the Act. It is stated that unless the law is enforced there is likely to be more or less trouble, particularly between the newcomers from Missouri and the local miners, who for the most part have their homes in Rossland.

—The population of Ottawa, according to the census just taken in connection with the assessment will, it is said, be 60,400, an increase of 2,207 over last year, when it was

58,193. The population of Ottawa as given by the Dominion census taken in April was 59,902. The increase in the population as per the 1901 municipal assessment over that of 1900 was 1,191, so it will be seen that the augmentation of population has doubled this year as compared with last. The total revenue of the city to be collected by general taxes this year amounts to \$592,000. City Collector Seguin stated that during the month of September when the discount was available a total of about \$306,000 was collected and the showing thus made is consequently very satisfactory. In the corresponding period of last year \$248,000 was taken in. Monday, the last day of the discount period was a particularly heavy day, nearly \$90,000 having been collected.

—To know that elsewhere higher prices are being paid is sometimes consoling to the man who sees a liberal growth in his butcher's bill. The New York Herald publishes the following as the prices retail butchers pay for meats at the present time compared with prices of a year ago:

	Wholesale Price.	
	1901.	1900.
	Lb.	Lb.
Pork, loins	14c	10½c
Pork, hams	13c	10c
California hams (shoulders)	10c	6c
Beef dressed in carcass	9½c	8c
Sheep and lamb	8c	8c
Veal	12c	9c
Chickens	13½c	9½c

Wholesalers and retailers in that city agree that the price of pork was never higher than at present, and that it will go still higher.

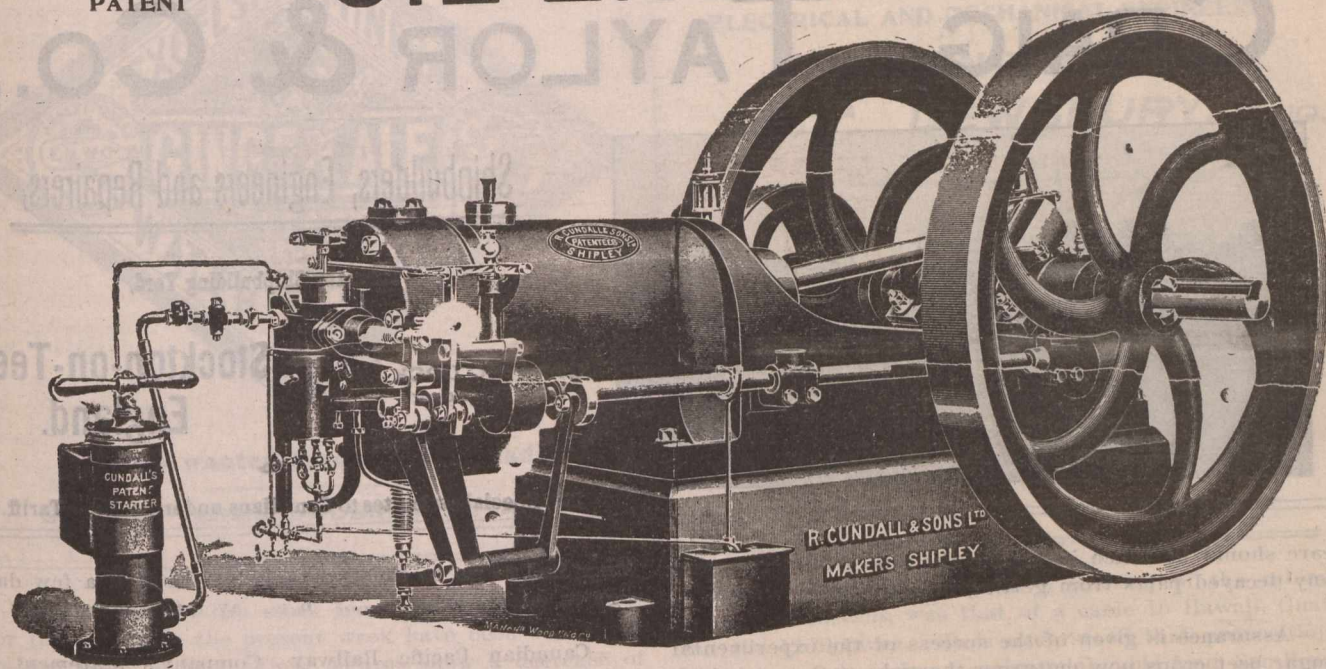
—A dispatch from Antwerp states that the Northwestern sailed on the 25th ult. for Montreal and Chicago with a full cargo.

Contractors to H. M. Government.

Telegrams: "CUNDALL, SHIPLEY"

The "CUNDALL"
PATENT

OIL ENGINES

Are the Simplest
Engines Running.

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

R. CUNDALL & SONS, Limited

SHIPLEY, ENGLAND.

Best Power for FARM, DAIRY, WOOD CUTTING,
MINING, &c.

—The Department of Fisheries learns that the experimental planting of the lakes of eastern Nova Scotia with Rocky Mountain trout, which was carried out two years ago, has proved a complete success. A fine specimen of the justly esteemed "Rainbow" trout, which is regarded on the Pacific Coast as one of the finest game fish, and of superior qualities for the table, has been received here for examination by Prof. Prince. It is a fine specimen, weighing about 1½ pounds, and is shapely and well fed. Prof. Prince thinks that the rainbow trout is admirably adapted for introduction into the waters of Ontario, as well as of the Maritime Provinces. It is a brilliant, silvery fish, abundantly speckled with black and marked by a rose-tinted band along each section of the body. About 20,000 young rainbow trout were shipped to Lord Strathcona's Lakes at Glencoe, Scotland, where they have proved a marked success.

—A serious state of affairs caused by extraordinarily low water in the southwest and northwest branches of the Mirimachi River, N.B., and its tributaries has been reported to the Department of Fisheries. These waters which stretch for a distance of nearly 200 miles are almost dry on account of the lack of rain, none having fallen for the past three months, and there is not enough water above the tidal limits to enable the salmon to move up. Consequently the river and its tributaries are alive with fine salmon, waiting for the water to rise. This state of things has not occurred for over twenty years, and the fisheries officers find it extremely difficult to prevent the wholesale destruction of fish. Since 1893, when there a phenomenal abundance of salmon, the present season has not been approached for the immensity of the runs of salmon.

—The provincial Department of Agriculture, says a Toronto dispatch, has been advised that Ontario cheese, in competition with the whole of North and South America, has won the gold medal offered by the Buffalo Exposition. The Department of Agriculture of Ontario, through a

committee of the Western Dairymen's Association, sent over at different times during June, July, and August 140 boxes of cheese, which were scored by expert judges. The exhibits were the products of fifty-seven cheese factories of Ontario, situated in both east and west, and included a fine lot from the Ontario Agricultural College. According to the rules of the exposition, any exhibit scoring 94 points or over would receive a diploma, and of the Ontario August cheese, which was last scored, only one package failed to reach this standard, while some of the packages scored as high as 99½ per cent.

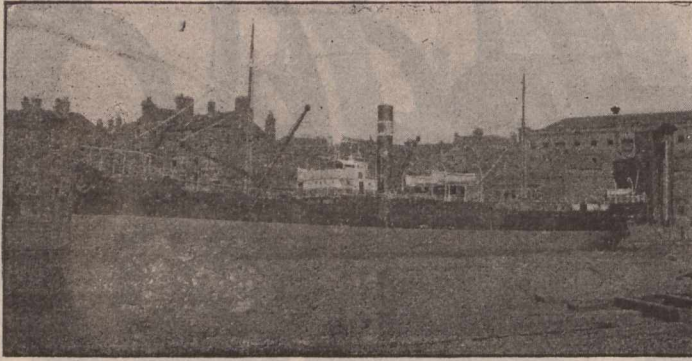
—Chicago advices report that the lead producers of the country, stirred by the reported projection of a great \$20,000,000 trust under the Whitney-Ryan-Guggenheim Smelter Syndicate, are planning a close combination of the producing interests. Their object, it is stated, is to get into a position where they will not be at the mercy of the smelting combine. The plan, as set forth, is to form a corporation of moderate capital which shall become the selling agency of the producers. The producers plan, also, to store their product when the conditions of the market make such action advisable, or to curtail production. It is not proposed to combine the ownership of the mining properties. Several conferences of influential producers of lead are reported to have been held in Chicago recently and it is stated that the movement has taken definite form.

—Bananas are likely to find a better market shortly through a new form of use for which they are being secured. The United States Consul at Coburg, Germany, has informed the Department of State at Washington that dried banana meal finds a ready sale in Europe, owing to its great nutritive power. So far as the consul is informed, Jamaica merchants are the only exporters of this article to Europe. He suggests that the Southern States should pay some attention to the industry, which promises before long to be a large and paying one. As an addition to milk, soups, meat stews, etc., banana meal is very palatable, imparting a delicate, pleasant flavor. Great

Telegraphic Address :
 "CRAIG TAYLOR, STOCKTON."

Oil & Passenger Ships,
 Twin Screws, &c.

CRAIG, TAYLOR & Co.,



Shipbuilders, Engineers and Repairers,

Thornaby Shipbuilding Yard,

GRAVING DOCK
 570 Ft. Long.

Stockton-on-Tees,
 England.

Special estimates to Canadians under the New Tariff.

care should be taken in drying the ripe fruit to prevent any decayed parts from getting into the meal.

—Assurance is given of the success of the experimental sugar beet crops now maturing throughout Ontario, which must give a considerable impetus to the industry. Prof. Shuttleworth of the Agricultural College, who has charge of the experiments, informed Hon. Mr. Dryden in a recent interview that the quality of the beets now appears to be considerably above the standard. There is yet two weeks before harvesting, in which the beets may accumulate sugar. The department arranged in the spring for the planting of beets by about two score farmers at each of fourteen centres, so that when the reports are finally in a fair idea of Ontario's capability in this direction may be gained. Already a number of companies have been formed for the purpose of establishing factories.

—Low water and the sawdust nuisance threaten to shorten the navigation season at Ottawa. The freighters of the Ottawa Forwarding Company's line are reported to have been running under difficulty. Some days ago the freight steamer Hall was unable to secure entrance at the foot of the locks owing to the presence both within and without the gates of large quantities of sawdust. The situation was made worse by the low water. The steamers Welshman and Harry Bate were in the same predicament early in the week and had to be lightened. The absence of docking facilities at the foot of the locks rendered the work of unloading the steamers a difficult one.

Tugs had to go to the assistance of the Hall a few days ago to enable her to make her way into the locks.

—Canadian Pacific Railway Company's statement of earnings and expenses:

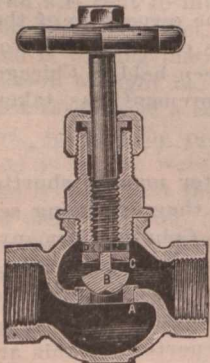
	July 1st to Aug. 31, 1901.	Aug., 1901.
Gross earnings	\$3,118,551.32	\$5,970,006.63
Working expenses	1,812,919.23	3,568,507.60

Net profits \$1,305,632.09 \$2,401,499.03
 In August, 1900, the net profits were \$1,054,475.60; and from July 1st to August 31, 1900, there was a net profit of \$1,938,849.50. The gain in net profits over the same period last year is, therefore, for August \$251,156.49; and from July 1st to August 31, \$462,649.53.

—The latest experiments with improved cold storage facilities on ocean vessels have proved very successful. An Ottawa letter states that when the Minister of Agriculture and Professor Robertson were in England in the summer, arrangements were made to have a number of steamers fitted up with an improved system of cooling and circulating cooled air through the parts of the ships where cheese and apples are carried. So far as experiments and experience have gone this season, these have been a great success. Most satisfactory reports have been received of the cheese ex steamship Hurona of the Thomson line, from Montreal to London, the first ship to sail from Canada fitted with the improved system of refrigeration and circulation of cooled air.

The "SHAW" Patent Improved Valve..

FOR STEAM OR WATER



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

The "SHAW" Patent Universal Union Joint

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

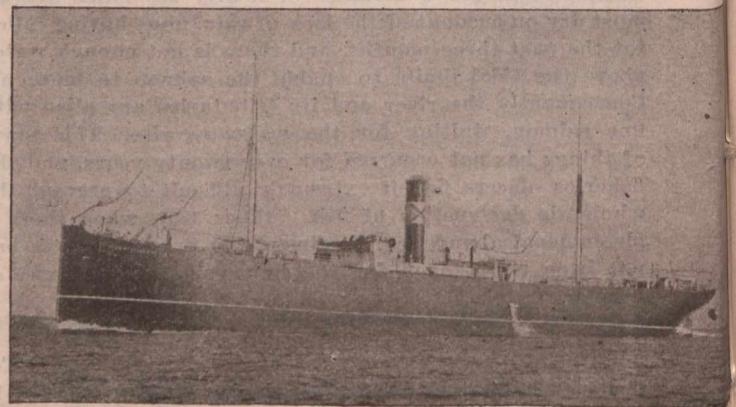
JOSEPH SHAW, HUDDERSFIELD, ENGLAND. ALBERT WORKS.

Telegrams: "GOVERNOR," Huddersfield.

Supplied under the New Canadian Preferential Tariff.

TYNE IRON SHIPBUILDING COMPANY, LIMITED

Steel and Iron Shipbuilders and Repairers.



Willington-Quay-on-Tyne, ENGLAND



Agents wanted throughout Canada.

SPECIAL TERMS UNDER NEW TARIFF.

A. HIRST & SON, Limited,
ELECTRICAL AND MECHANICAL ENGINEERS,
CRESCENT WORKS,
VICTORIA ROAD... **DEWSBURY, ENG.**

MAKERS OF

DYNAMOS, ELECTRICAL PUMPS,
MOTORS, HAULING FANS,
RESISTANCES, MACHINERY, SWITCH BOARDS,
STARTING SWITCHES.

And All Kinds of Mining Machinery.

—The exports of live stock from the port of Montreal for the season to the present week have been 54,297 cattle and 34,970 sheep. These figures show a decrease of 11,281 head of cattle and an increase of 11,602 sheep, as compared with the same period in 1900. The decrease in the exports of cattle is largely due to the fact that shipments have been and are still being steadily made from Quebec and Portland, and besides these two ports a large number have found their way via American ports, owing to the much lower rates of freight obtainable at times during the present season, as compared with those ruling here. The increase in the export of sheep is due to the good markets abroad for them early in the season.

—A direct cable to the Philippines is projected by the U.S. Government. A Washington letter states that the

principal subject discussed at a meeting of the cabinet on the 1st instant, was that of a cable to Hawaii, Guam and the Philippines. It is understood that propositions have been made to lay a commercial cable from San Francisco to connect these islands, and the question under discussion was whether under the peace treaty with Spain the U.S. could authorize or in any way encourage the laying of such cable by private parties. The Attorney-General will prepare a statement for the President, covering all of the questions involved.

—The Dominion customs revenue during the month ended October 1st, amounted to \$2,755,541, as compared with \$2,472,731 in September of last year, an increase of \$282,810. For the first three months of the present fiscal year there is an increase of \$488,924 in the customs revenue, as will be seen from the following comparative statement:—

	1901-2.	1900-1.
July	\$2,274,067	\$2,414,771
August	3,005,485	2,658,667
September	1,755,541	2,472,732
Totals	\$8,035,094	\$7,546,170

—Some interesting facts appear from the late census of Germany. According to a Berlin dispatch, there are now 442 German cities with populations ranging between ten thousand and one hundred thousand. In 1816 Germany had 24,333,000 inhabitants; in 1885, 36,114,000, and now by the last census, the inhabitants number 56,345,000. Prussia's population nearly tripled in the same time. In 1816 it was 13,700,000, and in 1900 34,463,000. The great increase in the population of German cities is attributed to a retrograde movement in agriculture, which has driven

VALVES! VALVES!!

ALL KINDS.

TURNBULL'S
... PATENT **Safety Valves.**

Awarded Gold, Silver and Bronze Medals.

ALEX. TURNBULL & CO., Ltd.,

Bishop Briggs,

Special Prices

Under New Tariff.

GLASGOW,

SCOTLAND.

→ Established * 1825. ←

A. G. THOMSON & CO., Limited,

Highland Whisky Distillers,

Blenders and Bottlers to Wholesale Trade only.

PROPRIETORS OF

GLENCADAM DISTILLERY, Brechin, Forfarshire,

where the Best Scotch Barley only is used.

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

Buyers' own Brands or Labels alone used when desired.

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

AGENTS WANTED IN MONTREAL AND TORONTO.



Established 1851.
KIRKER & CO.,
 LIMITED.
 Belfast, Ireland.
 Manufacture
**Ginger Ale,
 Lemon
 Squash,**

Sole Agents for Canada
A. CHARLEBOIS & CO.,
 MONTREAL.

Cable Address:
 ALBA MONTREAL

Cable Address:
**BOTTLERS,
 BELFAST.**

Telegraphic Address: "SPIRITS, DUNDEE."



The Highest Point of Perfection



GEORGE MORTON & CO. LTD
 DUNDEE
 SCOTLAND

WHOLESALE WHISKY 24 to 31 Dock St., and
 MERCHANTS DISTILLERS & BLENDERS, 26 to 30 North Lindsay St.

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



A Safer Drink has never yet been brewed than . . .

**Watson's
 Dundee
 Whisky**

Undoubtedly the Finest Imported.

**Henry J.
 Chard & Co.**

Agents for Canada,

**28
 HOSPITAL ST.,
 MONTREAL.**

the population from the country towns to the big municipalities.

—We learn from Coaticook, Que., that owing to the Penman Manufacturing Company not having fulfilled the conditions under which their bonus and exemption from taxation was due, the council has decided that the bonus has been forfeited and have taxed the property. The proprietors have requested the council to reconsider their decision. The request has been granted.—Councillor Shurtleff has secured a contract to erect an \$18,000 building at Asbestos. This building is being erected by the New York Asbestic Company, for the purpose of treating the rock from which the fibre has been removed.

—London advices report that Mr. Charles T. Yerkes has bought another London railroad, or, rather, he has contracted for 999 years with the Great Northwestern to take over its suburban business and the franchise for the projected underground road to extend from Holborn to Finsbury Park. Parliament will be asked to grant a franchise for a link, less than a mile long, to connect this line with Mr. Yerkes's Brompton and Piccadilly line. Both lines connect with the district (underground) railway, giving to Mr. Yerkes control, altogether, of forty-six miles of road.

—New York advices state that a trek of Mexico is contemplated by the Boers. Part of the land is the Flore-

shales estate, a concession from the Government of Mexico to certain financiers, one of whom is a member of the House of Commons. The purchase price has been set down at \$2,500,000, which will buy 20,000,000 acres, this being the aggregate of two concessions now in the hands of syndicates. The smaller of the two estates comprises 5,000,000 acres. This land has a seaboard of 200 miles and will thus offer shipping facilities, which were denied to the Boers in South Africa and which they so much desired.

—The Post Office Department gives notice that the summer arrangements for the despatch of mails to Dawson and other places in the Yukon district are liable to be brought to a close at any moment, and that when this takes place, it will be necessary, as in previous winter seasons, to restrict the mails to letters and a limited quantity of newspapers, preference being given to single papers addressed to private individuals. The department cannot guarantee the transmission to the Yukon of any matter other than letters after Oct. 1st.

—Preliminary steps were taken at a recent meeting of the stockholders of three leather manufacturing companies of Allegheny County, Pennsylvania, for the formation of a leather combination. At first, it is stated, the new company, which will be known as the Standard Leather Company, now having a nominal capital of \$1,000, will be capitalized at \$400,000. Later efforts are to be made to combine with large patent leather interests in other parts of the United States, with a capitalization of between \$80,000,000 and \$100,000,000.

ESTABLISHED 1827.

H. HENDERSON & SONS,

Tanners and Curriers.

Makers of Leather Belting and Fire Hose.

LADYBANK LEATHER WORKS, AND
 DUDHOPE & PLEASANCE TANYARDS, DUNDEE, Scotland.

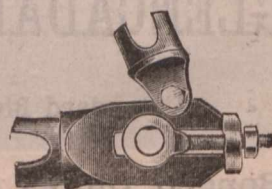
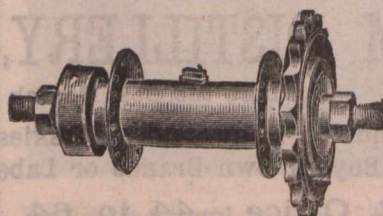
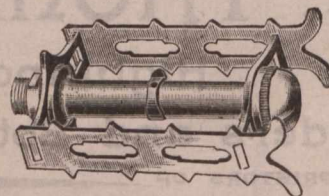
SPECIALTIES

- Oak Bark Tanned Strap Butts.
- Oak Bark Tanned Harness Leather.
- Best Curried Black and Stained Harness and Trace Backs, and all Leathers for Saddlers' Purposes.
- Leather Belting—Single and Double.
- Mechanical Leathers of Every Description, for Foundries, Ship-building Yards, Jute, Cotton, Flax and Woollen Mills.
- Pump Leathers and Hydraulic Rings, etc., etc.
- Walrus Leather in sides from 1/2" to 1 1/2" thick.

JURORS' AWARD INTERNATIONAL EXHIBITION, 1862.
 MEDAL & HIGHEST AWARD, Jubilee International Exhibition, ADELAIDE, 1887.
 MEDAL & HIGHEST AWARD, Centennial Exhibition, MELBOURNE, 1888.

HOLLOWAY MANUFACTURING COMPANY.

98 Duke Street, GLASGOW, SCOTLAND.



**High Grade Cycle Fittings, Motors
 and General Engineering.**

**“PERFECT”
SCOTCH
WHISKY.**

This Whisky has been well known for nearly a century. During that period it has not varied in character. There is nothing finer in the market. Made solely from home-grown barley, and sold perfectly matured when seven and ten years old.

Special price to Canadians under the new tariff. . . .

J. & R. WILLIAMSON,
17 Royal Exchange Square,
GLASGOW, - SCOTLAND.



Lang Brothers, Ltd.,
Scotch Whisky
Distillers and Blenders,
GLASGOW & KILLEARN.

Proprietors of
TAM O' SHANTER SCOTCH WHISKY
AND
GOLD MEDAL BANANA RUM.

Distillery . . .
GLENGOYNE, STIRLINGSHIRE,
Offices and Bonded Warehouse:
10 to 20 Oswald Street, GLASGOW,
SCOTLAND.

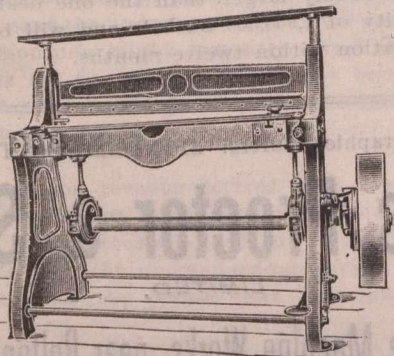


—Preliminary plans for what may turn out to be a large trust are stated to have been recently formed. The combination will include the merger of all vessel property owned by the large lumber shippers on the great lakes.

It is said that the scheme will be carried out this winter. Vesselmen say many benefits would be derived from such a unification as this. Rates would be established on a uniform basis, and held thus, enabling lumber merchants to dispose of their products on an equal market footing.

A. Kinghorn & Co.,

Phoenix Ironworks, Millwood,
TODMORDEN, ENGLAND.



Single Action Power Squaring Shears.

Canadians have 33 1/3 per cent. in their favor by purchasing these Machines, under the New Canadian Tariff.

—Some high-priced Toronto real estate has been changing hands lately. The property bounded by the southeast corner of King and Jordan streets and the northeast corner of Melinda and Jordan was sold last week at the price of nearly \$200,000. The King and Jordan corner was bought for about \$150,000, or nearly \$3,000 a foot, and the lot to the south was bought for \$44,000. The whole block has a frontage on King and Melinda streets of 47 feet 3 inches, and on Jordan street of 168 feet.

—The Canadian Niagara Power Company has awarded the contract for the large tunnel and portal to Mr. A. C. Douglas. The price is over half a million dollars, and the work is to be completed by Jan. 1, 1903. The tunnel will be 2,200 feet in length and 19 by 21 feet in diameter. It will be bricked throughout the same as the tunnel on the American side. The contractor has the shaft sunk to the required depth, and will immediately commence the work of drilling.

—The British steamer Monmouthshire, trading between Pacific Coast ports and China, and Japan, has been sold to the Quebec Steamship Company, and will be used on the Windward Island route by her new owners. The Mon-

THOMAS C. KEAY,

Engineer and Machine Merchant,
Mill Furnisher, Shuttle, Bobbin and Picker Maker.
17 BALTIC STREET,
DUNDEE, SCOTLAND.

ALL KINDS OF NEW AND SECOND-HAND FLAX, JUTE,
HEMP AND TOW MACHINERY.

SPECIALITIES. — Second-hand machines as above thoroughly overhauled and repaired in first class order.

Maker of Sack Printing Machines for marking in one or more Colours.

SACK CUTTING AND SEWING MACHINES.

All kinds of Shuttles, Pickers and Bobbins for Jute and Linen Trades
.. .. Enquiries Solicited

Cable Address :—WENDT, BELFAST.

A. B. C. CODE.

Vint's Irish Preserves.

The Best Old Country Jams to be had.

Made from Irish Grown Fruit.

WARRANTED PURE.

No finer Jams in the world
much cheaper than some...

WM. VINT & SONS,

BELFAST, IRELAND.

SPECIAL TERMS TO CANADIANS UNDER THE NEW TARIFF.
As Supplied to His Majesty's Government.



“Drink the
FAMOUS UNIVERSITY
GINGER ALE
AND
CREAM SODA”

Special Quotation
under New Tariff.

**JOHN HOLMES
& CO.,**
Export Bottlers and
Cordial Makers,
UNIVERSITY AVENUE
Belfast,
Ireland.

Telegrams:
“RESORATIVZ, BELFAST.”



SPECIAL PRICES TO CANADIANS UNDER NEW TARIFF.

“ROSEBANK”
—* PURE *—
SILENT MALT WHISKY,
(Distilled exclusively from the Highest Quality of Scotch Malt.)
ROSEBANK DISTILLERY, LD., FALKIRK,
SCOTLAND.

mouthshire is a steel screw steamer, built at Glasgow, Scotland, 1886, for the Jenkin Shire line of London. Her dimensions are: Length, 344 feet; breadth, 40 feet 4 inches; depth, 26 feet, 5 inches; gross tonnage, 2,874 tons.

—The Leyland Line Steamship Company has, it is reported, arranged with the Great Northern Railway Company to keep its steamers running to Liverpool from Quebec until January, with the object of showing that the Lower St. Lawrence can be navigated six weeks longer than has been the practice, if not throughout the winter. There is said to be plenty of cargo to keep the vessels fully employed.

—An extensive sale of timber limits is reported to have been negotiated, by which Klock Bros.' limits on the Kippewa, have become the property of Mr. Robert Hurdman of Ottawa. The purchase price is in the vicinity of \$380,000. These limits are located around Ross Lake and embrace some hundred square miles. They are among the largest limits in the Kippewa district.

—Winnipeg advices state that men have commenced laying the rails on the Forrest extension of the C.P.R. The new line extends for thirty miles west through Daly and Woodworth. The entire line will extend 42 miles to the Assinboine River.—Plans are published for the construction of a mammoth apartment block for Winnipeg, to be erected by a Chicago syndicate. The estimated cost is \$250,000.

—The Crown Attorney of the Parry Sound Ont., district, at Toronto recently stated that although little was heard outside nowadays of copper mining at the Sound, development work was being carried on to some extent, and he hoped to see a prosperous industry yet established there. At the McGown mine a shaft had been sunk 250 feet, which showed a continuous vein of copper ore of 3 to 4 per cent. purity.

—It appears that the feasibility of navigating the St. Lawrence River in the winter season is to be given a practical test. The ice crusher Algoma, used last year in Green Bay, Mich., is reported sold to a Sault Ste. Marie, Ont., prospector, and will be used this winter in endeavoring to keep a channel open between Montreal and the Gulf of St. Lawrence.

—The Grand Trunk Railway Company has awarded the contract for the erection of a new elevator at Port Edward to replace one recently burned. The new elevator will be considerably larger than the one destroyed, having a capacity of 1,500,000 bushels and will be completed and in operation within twelve months.

Telegraphic Address: “SPINDLES, BOLTON.”

Jonas Proctor & Sons,
LIMITED,

Moses Gate Machine Works, near Bolton, England.

Manufacturers of all kinds of

FLUTED ROLLERS,

Iron, Steel and Casehardened.

Flyers, Rollers and Ring Spindles Repaired by Efficient Workmen, Spindles and Flyers of every description, Doubler Rollers, Plain and Loose Boss Top Rollers, General Tool Makers, Milling Machines, Forging Machines, Fluting, Punching, Drilling and Grinding Machines, and all Tools Requisite for Roller, Spindle and Flyer Making.

FLEXIBLE and other kinds of RING SPINDLES.

ADMIRALTY CONTRACTORS.

Tel. Address: “PUMPS,” Leeds.

THE
LEEDS ENGINEERING & HYDRAULIC Co.,

Manufacturers of

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

ELECTRICALLY DRIVEN PLANT.

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

Special prices to Canadians under the new tariff.

A. & R. THWAITES & CO.

Inventors of
SODA WATER,
Dublin,
IRELAND.

(Established 1799.)



LIMITED,

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

—From Moncton, N.B., it is learned that dykes were broken at several points on the Petitcodiac river by the tide on the 30th ult., which is said to have been the highest since the Saxby gale. Two wash-outs occurred on the Intercolonial, sixty feet being carried away near Dorchester, and thirty feet near Sackville. The trains were delayed for several hours.

—The crop outlook in India is assuring. A dispatch from Simla says the apprehension that the early withdrawal of the monsoon might seriously affect the crops and the sowings for the spring harvest has been relieved by rainfall everywhere, except in a few provinces. The prospects are now good.

—The Dominion revenue derived from customs for the three months ending 30th September amounts to \$8,035,094. This is an increase of \$488,924 or nearly half a million dollars over the corresponding period of last year. The increase for the month over September, 1900, was \$282,810.

—Four companies are said to be considering the proposition of shipbuilding at Halifax, two being Scotch and two English. The companies expect bonuses of \$200,000 and \$300,000 from Halifax and Dartmouth respectively, which are presumably payable by the local Government.

—The Customs report for the port of Montreal shows an increase of \$57,644.93, as compared with the corresponding month of last year. Following are the collections for the months of September, 1900-1901: Sept., 1900, \$738,024.21; Sept., 1901, \$795,689.14.

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

The J. C. McLaren Belting Co.

FACTORY:

MONTREAL. TORONTO. VANCOUVER.

—The stockholders of the Rutland Railroad in special session at Rutland recently, ratified the proposition for the consolidation of the Ogdensburg and Lake Champlain Railway Company with the Rutland Railroad Company.

—A dispatch from Vienna says in effect that Austria-Hungary has intimated to Germany that the dual kingdom will not conclude a commercial treaty with her on the basis of the proposed German tariff.

—Belleville, Ont., advices state that a hitch has arisen in connection with the sale of the electric street railway, recently reported. In consequence the transfer has not yet been made, and is the subject of negotiation.



FINE COLORS & PAINTS

Established 1848.

FINE COLORS

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

PAINTS

Of every description for Painters, Decorators, &c.

VARNISHES

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

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

Write for Prices and Samples to Head Offices and Works:

W.H. HOLMES & SONS, Portland Road, Newcastle-on-Tyne, Eng.

LONDON OFFICE:

40 St. John Street, London, E.O., Eng.

THE STANDARD ASSURANCE CO. ESTABLISHED 1825.
OF EDINBURGH.
HEAD OFFICE FOR CANADA, - MONTREAL.

Invested Funds, - - - - -	\$48,400,000
Investments in Canada, - - - - -	14,930,000

[WORLD WIDE POLICIES.]

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

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

Successful Management

From commencement up to January 1st, 1900, the CANADA LIFE ASSURANCE COMPANY has paid or credited policy-holders, or their representatives, with \$716 for every \$100 which has been paid in, besides defraying all expenses of management. This splendid record is one of the evidences of that good management which has caused the

Canada Life

To be recognized as **Canada's Leading Company.**

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.,
111 St. James Street, MONTREAL.

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



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

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

THE Trust & Loan Company of Canada

(Incorporated A. D. 1845 by Royal Charter.)

Capital Subscribed -	\$7,500,000.00
Paid Up Capital - - -	1,581,666.00
Cash Reserve Fund - - -	870,375.00

Negotiate Loans on City Property and improved Farms at low rates and on very desirable terms.

Address, THE COMMISSIONER,
THE TRUST AND LOAN COMPANY OF CANADA,
26 St. James St., MONTREAL, QUE.

THE CANADIAN Journal of Commerce.

MONTREAL, FRIDAY, OCTOBER 4TH, 1901.

THE GREAT U. S. STEEL CORPORATION.

Under this caption we continue the republication of the paper prepared by Messrs. Hobson and Macrosty for the Contemporary Review, the early portion of which appeared in our issue of 6th September. A few interpolations and alterations are deemed necessary in this portion of the series also:

V.

Whatever may be the ultimate effect of the operations of the Steel Trust so far as regards the growth and final triumph of the free trade idea, the immediate practical fact is that both Great Britain and Germany may at any moment expect keen competition in all departments of

Insurance.

PHENIX ASSURANCE CO'Y

OF LONDON, ENG.

Established in 1781. Canadian Branch Established in 1884.

No. 164 St. James St.

MONTREAL, P. Q.

PATERSON & SON,

Agents for the Dominion

City Agents:

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

Caledonian... INSURANCE CO.

The Oldest Scottish Fire Office.

Canadian Head Office, MONTREAL.

R. WILSON-SMITH

FINANCIAL AGENT.

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

STANDARD LIFE CHAMBERS,

151 ST. JAMES STREET, MONTREAL.

THE MANCHESTER FIRE ASSURANCE COMPANY.

Established 1824.

CAPITAL, - - \$10,000,000

Head Office, MANCHESTER, ENG.

Canadian Branch Head Office, - TORONTO. JAS. BOOMER, Manager.

R. P. TEMPLETON, Assistant-Manager.

C. R. G. JOHNSON, Resident Agent, MONTREAL, 1723 Notre Dame St.

IMPERIAL LIFE ASS'CE CO'Y OF CANADA.

UNEXCELLED SECURITY.

1. CAPITAL—One Million Dollars.
2. GOVERNMENT DEPOSIT.—The Government Deposit of The Imperial Life is Larger than that of any other Canadian Life Insurance Company.
3. RESERVES.—The Imperial Life holds relatively the strongest reserves of any Canadian Life Insurance Company.
4. ASSETS.—For every \$100 of liabilities to Policy-holders The Imperial Life holds \$180 of securely invested assets.

E. S. MILLER, Provincial Manager,
Office: Bank of Toronto Bldg. Montreal, Que.

FIRE. LIFE. MARINE.

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

ESTABLISHED 1865.

* 11 HOSPITAL STREET, *
MONTREAL.

Telephone Main 1277. P. O. Box 2081.

the world's steel trade. At the present moment it is true that the American home demand is keeping the steel mills of America fully employed, and for some months British and German steel manufacturers will

Mutual Reserve Fund Life Association

FREDERICK A. BURNHAM, PRESIDENT.

EIGHTY-ONE THOUSAND POLICY-HOLDERS.

Total Assets, \$12,264,838.21.

THE TWENTIETH ANNUAL STATEMENT

Shows that the 1900 Business Brought

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

..AND..

An Increase in Insurance in Force.**Net Surplus, - \$1,187,617.68.**Total Death Claims Paid since Organization, over
FORTY-SIX 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 CIT
Montreal Office, - - La Presse Building.

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

**UNION ASSURANCE SOCIETY
OF LONDON.**

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

Capital and Accumulated Funds exceed, - - \$16,600,000

ONE OF THE OLDEST AND STRONGEST OF FIRE OFFICES.

CANADA BRANCH:

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

T. L. MORRISEY, Manager

scarcely feel the full force of American competition. Even three years ago Mr. Carnegie could declare that Europe had become a "dumping-ground" for American surplus; and now it needs only the slightest relaxation of effective demand in the United States to compel the Steel Trust to ship its products to foreign markets. There cannot be the slightest doubt on this point. Already the metal markets in Glasgow, Manchester, Birmingham, and London are being affected by the weekly reports as to the parity between production and demand in the United States. Is there a temporary lull in the American market, then the British manufacturer may expect to hear of prompt quotations from the agents of the American Trust in his country. Prices immediately slacken, sometimes even without substantial reason. The American Steel Trust is a standing threat to a "panicky" British market. If this be so to-day, when American steel manufacturers are busy with home buyers, what will be the state of the British market when there is a large surplus of American steel over and beyond American needs? This is not precisely a new state of things, for there has been successful American competition in wire products, in structural steel, and in rails prior to the formation of the Steel Trust.

It has been pointed out that the Steel Trust is, after all, only a combination of combinations. If, therefore, under the smaller combinations, and mainly as the outcome of the American faculty of working co-operatively, American competition has proved itself to be an important factor, this will be much more the case when the combinations themselves have combined and practically eliminated the more wasteful elements of competition. Some of the smaller constituent companies of the Trust, as President Schwab has pointed out, have not been favourably

situated in the past for foreign business, since their surplus was too small to justify the establishment of extensive and expensive foreign agencies. With the consolidation of foreign agencies that disadvantage disappears. It has been also shown how the constituent sections of the Trust have ceased to compete with each other, save in the direction of intense emulation to excel in the direction of reducing the cost of production. Through their President, they have avowed their intention of cutting prices to any extent to secure foreign trade in order to keep their mills running full, even if there should be a loss in so doing.* Nothing can be conceived more dangerous than for English manufacturers to ignore the significance of this latest development of industry.

Hitherto the chief difficulty which American manufacturers have had to face has been the maintenance of regular and uninterrupted trade relations with foreign consumers. Americans have lost enormously in the past by capriciousness. One day they would be in the market selling at unheard-of prices, and then, for months nothing more would be heard from them. The result of this has been a disposition on the part of consumers to use the Americans only as a convenience; to buy from them only when all else has failed. A successful business connection cannot be built up in this way. Prompt attention to the requests of all possible customers in small as in big things is essential. The leaders of the Steel Trust are alive to this weakness in their armour and for the future their agents in Europe and elsewhere will be able to rely upon selling a fixed quantity of steel, whether market prices serve or not. A certain proportion of the output of the Trust will be allocated to foreign markets to be sold even at a loss, if needs must [although this is latterly looked upon as unnecessary owing to the cheapness with which iron ore is procured and transported], for the express purpose of keeping in organic touch with the consumer and of luring him away from the home products to which he naturally turns. This means the thin end of the wedge; it means that for the future American competition will be a permanent factor. And, of course, immediately the demand in America slackens this wedge will be driven in farther and farther.

"There seems no doubt," say the writers, "that Great Britain can produce pig-iron as cheaply as the United States, but it is beyond cavil that under present conditions British manufacturers are behind their American colleagues in the manufacture of tin-plate, soft steel billets, plates and strips, and, indeed, of Bessemer steel generally. [The Steel Corporation claim they can outrival the world in the cheapness of their ore.] The British manufacturer is not blameable for this. One reason alone largely exonerates him from any blame as to slackness. It is this: the conditions which obtain in British industry are far more complex than they are in America. For example, a British steel maker may to-day be called upon to roll steel carbonized to a certain proportion; to-morrow, for other purposes, the proportion may have to be altered. The strong position of the American manufacturer lies in the fact that with his specialised plants he is able continuously to roll enormous quantities with the constituent parts in fixed proportions. This disadvan-

*"When we have as much as we can do at home, as we have to-day, we are not anxious to sell at low foreign prices; but when our mills are not running steadily, we will take anything at any price, even if there is some loss in so doing, in order to keep running."—President Schwab, Evidence before Industrial Commission.

tage under which British makers of necessity labour is inherent in the British commercial system. As long as the present system continues, that is to say, as long as habits of isolation characterise British practice, the difficulty will continue. The United States Steel Corporation by adapting to manufacture the principle of association, have at one spring left their British competitors behind in this respect. Those who desire to follow up the technical side of the problem in greater detail would do well to study the proceedings of the May meeting of the Iron and Steel Institute. At that meeting a paper was read by Mr. William Garrett, of Cleveland, Ohio, in which a very thorough comparison was made between American and British rolling mill practice. Mr. Garrett's paper is not one which Englishmen will read with any sense of pleasure, any more than Frenchmen may be expected to peruse the details of the Battle of Waterloo with delight. But the statements made by a practical man like Mr. Garrett must be faced, and without delay. In the discussion which followed his paper, the ironmasters present betrayed, more or less consciously, the weakness of their own position. For example, Sir Lowthian Bell discussed the question of capital outlay on works. He remarked that we were in a totally different position from that of the American ironmaster, who was about to erect an entirely new works at an expense, say, of £25,000. He might choose to go to the expense of £25,000 in order to make steel or iron as cheaply as it could be made, so far as mechanical means were concerned. But the English ironmaster was differently circumstanced, because if he spent £25,000 in order to effect that saving, he would have to sacrifice the £25,000 he had laid out already and consequently the American manufacturer had the advantage. Mr. Walter Dixon, in the same discussion, hit upon two points of real importance. Commenting upon the readiness with which Americans will exchange old works for new, he said he had been told by a well-known American manufacturer, a few years before, that they could not make tin-plates at their old works. The American's statement was colossal in its simplicity. "There are the old works; there are six hundred thousand dollars gone there, and if the concern is of any use to you, you can have it; it is no use to us." Mr. Dixon went on to recognise frankly that Americans did, bona fide, make money in the manufacture of iron and steel, and that there was really nothing in the charge that they made their money by combinations and Stock Exchange manipulation. The second point made by the speaker was that when visiting works in America he gained the general impression that men under 35 years of age controlled the policy of the iron and steel trade. At the end of the discussion, Mr. Garrett genially remarked that he had come to England to "put a little ginger to the Englishman." It is much to be hoped that the ginger so enthusiastically applied will result in healthy stimulation.

In dealing then with the U.S. Steel Corporation as a competitive factor in the world's market these facts cannot be ignored. It is already seen that the officials of the trust are agreed upon the importance of cultivating a foreign trade. They admit that their foreign trade in itself is not sufficiently profitable to keep their works going, but they are fully aware that low export prices must be quoted not only in order to secure a foreign trade as a second line of defence in maintaining the home trade, but for the purpose also of systematically

tempting foreigners to extend their preference to America rather than to Great Britain or Germany. "We do not think," say the writers, "we are overstating the truth when we say that, given a continuance of the present conditions in America and the present conditions in Great Britain, the supremacy in the foreign steel trade will rest with America. Foreign trade obviously depends upon the possession (1) of raw materials, (2) of a mercantile marine, and (3) of strong commercial organisation. Applying these tests to the Steel Trust there cannot, we think, be any doubt that the advantage lies with our trans-Atlantic kinsmen. They have certainly got the trade organisation, and despite the recent large discoveries of ore in Norway, they have an enormous advantage in the quantity and situation of their raw materials." In the Lake Superior region the supply of hill-side iron ore is illimitable, and requires only the steam shovel to load it on trains which convey it to vessels for Conneaut or Cleveland in Ohio. Their recent purchases of steamship lines show that they are determined to establish a mercantile marine which will be much accelerated when a system of shipping bounties is introduced, an event likely to occur at a time not far distant. More than all this, they have the will to secure the world's trade and are setting about it with characteristic energy. The new shopkeeper in a district will, in the nature of things, cut prices to attract to himself the trade he desires. The analogy holds good in the larger concerns of commercial life.

VI.

"In view, then, of the developments described, what is the future of the British steel industry? We believe there is reality in Mr. Schwab's threat to cut prices as soon as it suits his purpose. This threat will, we imagine, become a living fact immediately after a further augmentation of the American mercantile marine. Whether the Steel Trust will in the course of time absorb the Dominion Steel Company of Canada or not, the facts as they are are sufficiently serious. The Dominion Steel Company may for some time to come, for its own purposes, be a thorn in the side of the large merger. Its supply of raw material is large and even cheaper than the American supplies;—(this is questioned)—its political privileges are many and valuable. But its capital and the energy which directs it come entirely from the States side of the border; its general manager, formerly served in one of the constituent companies of the Trust. Considerable fear is even now expressed by Canadians lest Mr. Morgan should swallow up their new infant industry, and it looks as if there may be a curious contest between national feeling and business influence. On the whole it seems inevitable that, unless the Canadian Government should boldly nationalise the Dominion Steel Company sooner or later there will be either an agreement as to fixed prices, or an actual organic connection between the two concerns. In any case the Dominion Steel Company is as much a menace to the British ironmaster as to the American Trust."

If, therefore, the British steel manufacturer is to hold his own in the future, he has got to solve two or three urgent problems. He must, first of all, make his peace with the trade unions. How is this to be done? Chiefly, by dealing sympathetically with the progressive elements in the unions. The trade unions connected with the iron trades have, like everybody else, their special difficul-

ties of domestic politics. Take, for example, the most powerful union, the Amalgamated Society of Engineers. A study of the inner politics of this great body of operative engineers will throw a flood of light upon the situation. It is sometimes said, and perhaps truly, that the trade unionist is so conservative that he has failed to recognize the true economic bearings of the growth of automatic machinery. But the most intelligent men in the Amalgamated Society of Engineers are all for a frank acceptance of automatic machinery, subject to the proper safeguarding of the wages of their members. As things are now, the unionist does not regard with kindly eye the introduction of automatic machinery, because he is an all-round mechanic. Hitherto, his great aim has been to maintain or even to raise, the value of his own hand labour. The introduction of the automatic machine-tool has meant to him the elevation of the non-unionist and the non-skilled workman into a specialist of low wages and with a relatively small stock of mechanical skill. The machine worker in nine cases out of ten, is under the rules and practice of the union, precluded from joining it. And so the union, as such, has seen the area of activity of the non-unionist extending and apparently its own area of activity contracting.

Up to now the conservative element has controlled the trade, and has, it is thought, failed to gauge the real significance of recent mechanical developments. But the progressive element, ably voiced in this instance by Mr. George N. Barnes, the Secretary of the Amalgamated Society of Engineers, is now not only all for a recognition of the new condition of affairs, but is anxious so to change the constitution of the union as to include within its scope and membership the machine man, who otherwise would be, in trade-union parlance, "unskilled." The difficulty of wages, however, has to be circumvented. The master engineer says naturally that he ought not to be compelled to pay 36s. or 38s. (about \$9 to \$9.50) a week for work which, as he contends, can be equally well done at 27s. The conservative element says "You must pay 36s. or we strike your workshop"; but the progressive element says, "Let us have a system of graded wages, and let every operative in the trade, machine-minder or skilled mechanic, come into the union, and by that means strengthen the labour element." If this is done, it is contended, the skilled mechanic's prospects are not prejudiced and the machine-minder (in the restricted sense, the specialist) can, by means of organisation, secure better wage conditions than would be otherwise possible under unorganised conditions of labour. There is no necessity that the anticipated drop in wages should be realised, for the operator of a complicated machine-tool is anything but an unskilled labourer. The statistics compiled by the United States Department of labour on the returns from thirteen trusts show that the wholesale introduction of automatic machinery has not lowered the level of wages. Comparing the condition of things before and after the formation of the combinations, we find that the number of skilled labourers getting up to ten dollars a week has fallen from 9,915 to 9,349; the number getting from ten to fifteen dollars has remained almost stationary, rising only from 14,122 to 14,344; while the number earning over fifteen dollars has risen sharply from 9,600 to 16,544. The "unskilled labourers" show a similar tendency at work, for while the number earning up to eight dollars a week fell from 25,592 to 19,937, the number earning over eight dollars rose from 18,077 to 34,277.

"Careful inquiries," say the writers, "lead to the conclusion that if only British manufacturers will eliminate prejudice and bias from the problem there is no reason why they should not make the trade-unions thoroughly useful co-operators in the work that lies before them. First and last, whether on the mechanical side or the human side, the end to be attained is efficiency. The most efficient men are in the unions; nay, more, it is the most efficient men who look upon the unions as a veritable palladium of industrial liberty. We would therefore urge upon all those concerned to adopt a friendly attitude towards the unions. This we regard as one of the essentials to success. To make good this assertion, we venture to quote from an article by Mr. George N. Barnes in the Engineering Magazine of January this year." Mr. Barnes says:

The new unionism seeks to prevent labour organisations being pitted against each other. Its leaders have actively opposed the fomenting of squabbles between rival trades. If at any time it has backed up the old unionism against an incursion of unskilled labour into a trade, it has not done so for the purpose of seeking privileges for one section at the expense of other sections of labour, but because convinced that such an incursion would lead to over-specialisation, with attendant evils. It accepts specialisation as inevitable, but desires to regulate the application of the newer methods arising therefrom, so as to make them harmonise with wider interests than those arising from mere considerations of production.

In reply to the demand made by so many manufacturers that under a system of piece-work greater production is secured, Mr. Barnes says:

There are two ways only by which piece-work can be wrought smoothly, and with permanent advantage to employers and employed. Where standard price-lists are possible, such may be arranged or agreed to by the employer and the union, and each man or group of men then be left to his own or their own resources. The alternative method—applicable where work is not sufficiently standardised to admit of price-lists—is that the employer should himself price the work (individual bargaining really amounts to that), but guarantee a certain minimum wage, which should, I think, be a certain percentage over and above the day-work rate. The former method safeguards collective bargaining as applied to standardised work. The latter safeguards the interests of both sides in the fixing of prices of other work, as it protects employers against workmen by the stimulus given to the latter to earn more than the guaranteed wage if the price will admit of it, and it protects the employed against employers, inasmuch as, if employers reduce prices to that point which will just yield the day-work rate, workmen will drop into day-work speed and effort. Employers object to this guaranteed wage, because, they say, workmen have been content with such wage, and have not exerted themselves to earn more when such wage was guaranteed. But surely such an argument from employers carries its own refutation and moral. It is a proof of the soundness of the workman's position, since it proves that employers had cut down prices to a point at which it was not possible to earn anything for extra effort. It is inconceivable that workmen would refuse to increase their earnings if they had a chance of doing so. The Employers' Federation refuse to recognise or concede either of these two methods of payment of piece-workers, and, as a result, workmen object to piece-work altogether, although it is but fair to say that the practice of many employers has been a good deal better than the precept of the organisation of which they are members.

It is not within the scope of the present purpose to treat in detail all the technical points raised in the discussion upon the relations of labour to the most recent economic developments. But by way of indicating on

what lines future efficiency of labour may in part be gained, the authors quote from one of the most influential of engineering employers, Sir Benjamin C. Browne, who, in an article in the *Engineering Magazine* for February, deals with "The Application of Piece-work and the Premium Plan." Sir Benjamin Browne wants to reward workmen according to their skill or attention, but also wants to protect the workmen against the effects of bad management on the part of employers. He then adumbrates a scheme which has much in it to recommend it both to progressive masters and workmen. He says:

The employees are paid never less than their time wages. Should they, however, do their work in less than a given time, they receive, as a premium, payment for some proportion of the difference between the time in which they did the work and the time given them for the work. Thus, suppose a man, working 54 hours a week, performs an operation, for which the time given is nine hours, in six hours, he would, at the end of the week, receive payment for 54 hours' work, plus a certain proportion of 27 hours, he having saved three hours a piece on nine articles. The merit of this system, from the employees' point of view, is that if they are given a time to perform an operation which they consider too small, they can work at an ordinary time rate without loss to themselves. Looked at from the employers' side, it is seen that if work is done under the given time they receive, not only the profit from the increased output of the machines, but also pay a smaller price for each piece.

A variation of the above method is the following: Suppose an engine is to be built to fill an order. An estimate is made of the total number of working hours required to complete it. When the engine is finished, the actual number of hours worked is subtracted from the estimated time, and some proportion of the difference—if the actual time is less than the estimated time—is divided amongst the men who worked on the engine, in proportion to the length of time they worked, and they receive pay for this time according to their rating. The advantage claimed for this system is that every man will try to make the other work as hard as, if not harder than himself, it being greatly to each man's interest to prevent any slackness on the part of the others.

It is not for us to ban or bless these proposals; they are quoted as indicating the spirit in which masters and men should discuss these problems. It may, perhaps, be added that the recent judgment in the House of Lords, in the case of the Taff Vale Railway Company versus the Amalgamated Society of Railway Servants, although seemingly a set-back to the energies of trade unionists, may in the long run have precisely the effect to be desired. The recognition of registered trade unions as legal entities which may be sued, carries with it implications of far-reaching character. Thus it may be that before long we shall have collective bargaining between employers and the unions, backed by legal instruments, and with the sanction of law, as in New Zealand and Victoria. It may prove that employers would prefer, under the new conditions, to bargain with the trade unions, now that they know the legal position. And in the same connection we may note that, carrying such heavy legal responsibilities, the trade unions will, in the future, be very chary about entering upon the dubious arbitrament of a strike. In any event, it seems desirable to emphasise the fact that the constant tendency to save profits by reducing wages is a symptom of incompetence indicating serious organic ill-health.

Branching into another side of the question, it is impossible not to observe that the young men in American workshops, who either control or overlook workshop

practice, are not there merely because they are young, but because of the scientific and technical equipment which American colleges can give them. The young American, with three years' training in a technical college, makes acquaintance with the essential elements of his trade. We know of one case of a large American electric company who maintain at the technical colleges, at their own cost, a large number of promising students, who, before long, will enter the service of the company. At the present moment the electrical engineering trade in England is feeling the influence of this educational policy, to the detriment of our own young men and to the material advantage of our American competitors. Technical and scientific training, no matter how much it may be derided by the "practical man," must be secured, not only for the sons of British manufacturers but for all the most promising mechanics.

The recent amalgamation of the firm of Bryant & May with the Diamond Match Company of Liverpool will—it is to be hoped—long remain the classical instance of the results of neglecting the scientific equipment of business. Until the meeting at which union was agreed upon, everyone believed that if one firm was secure from competition it was Bryant & May, but the brutal truths bluntly told by Mr. Barber, President of the American Diamond Match Company, which is the parent of the Liverpool concern, effectually dispelled that illusion. He said:

The machinery now being used in Bryant & May's factory was the invention of men who had been in the employ of the Diamond Company since its inception, but that machinery was discarded by the company 15 or 16 years ago, and they had gradually been improving upon it. He did not think there had been a year when the Diamond Company of America had not expended at least \$50,000 in experiments in improving their machinery. They had good inventive talent, and they had quite a large number of people working continuously with the sole object of improving their machinery. In fact, in this direction they had spent altogether fully \$1,000,000, with the result that they had machinery for the manufacture of matches that could not be competed with by any machinery in the world. Then, again, they had representatives always travelling in different parts of the world for the purpose of acquiring any new invention which would be of assistance to the business, and in the purchase of patents they had spent in the last year over \$250,000, and in the last twenty years, \$1,000,000.

This example may be paralleled by recalling the fact that if the Whitworth-Armstrong Company maintain their great position it is in a large degree due to their policy of spending £100,000 a year on experiments. But of how many British ironmasters can it not be said that they are using methods and machinery discarded in America fifteen years ago? The departure of some of the best of them across the Atlantic to study newer ways, affords some notion of what the answer might be.

Important though the foregoing points are, and necessary as they undoubtedly are, still more important is the intelligent organisation of trade. Look at America. The metal trades are organised into associations from the manufacturer down to the retailer. The retail hardwaremen of America have their organisations, and are themselves slowly feeling their way towards collective bargaining with the factors and manufacturers with successful economical results. Each section of the trade co-operates in the most remarkable way with other sections, and it is very seldom indeed that anything in the nature of a deadlock occurs. The truth is, British busi-

ness men do not take kindly to association as a working commercial principle. Mazzini's dictum that association is the basis of civil society seems to the average Englishman to be either a counsel of perfection or an emanation from a brain as mad as William Blake's. Yet it is impossible to avoid the conclusion that the idea of association, co-operation—call it what we may, has been to a large extent the yeast in the dough of American commercial life. It carries us much farther than seems possible at the first glance. Not only is each section of the trade well organised within itself, and in touch with the other sections, but habits of frankness are engendered, a disposition to impart trade knowledge freely and without reserve, which, to the British mind, seems foolish, if not impossible. It is not that the Americans are inspired by any altruistic sentiments in this regard; they are frankly selfish in their objects. Yet it is not improbable that a hundred years hence, when some economist seeks to study the business outcome of the co-operative idea as it showed itself to-day, he will find more real light and guidance in the general habits of American business men than in any consciously co-operative organisation which reverences Robert Owen and the Rochdale Pioneers. It will be found that as the outcome of association of business untold waste has been saved, whilst efficiency has been gained at all points.

How can the British manufacturer successfully compete with the American trust? Only by forming a good working combination, not necessarily upon the American model, but one that shall be racy of the British soil. The influence of the Joint Stock Acts tends in this direction, but the commercial organiser which America has developed is not yet there. True, Great Britain has her great commercial magnates in the iron and steel trades even more prominently than elsewhere, but few of them appear to possess the special faculties required to carry through a combination of British manufacturers to a successful issue. To some extent there is a tendency towards combination existing in various sections of the iron and steel trades. There is a very distinct trend in the direction of the formation of large companies organizing for themselves departments of industry in which all operations from the supply of the raw material to the turning out of the finished article remain in the same hands. The process is not complete in all cases, but there are a number of cases showing various aspects of the movement. Since the union of the Whitworth and Armstrong companies the joint concern has acquired a large interest in the engineering and ship-building company of Robert Stephenson and Co. in order to have a graving dock at its disposal. Vickers, Son and Maxim, Ltd. beginning as armour-plate manufacturers, absorbed the Naval Construction and Armament Company and the Maxim-Nordenfeldt Guns and Ammunition Company, and can now boast that they are able to turn out a battleship completely equipped in every respect. The purchase of the Clydebank Engineering and Shipbuilding Company by the old Sheffield firm of John Brown and Company affords another case in which everything from the coal and iron ore to the ship ready for launching can be provided by the same company. Guest, Keen and Company—in which are united the Patent Nut and Bolt Company, the Dowlais Iron Company, and Guest and Company—belong to the same class, and we may add that their directors are among the latest who have gone to learn in the school of the United States Steel Corporation. James Dunlop and Company, ironmasters and

colliery owners, have followed in the same path by purchasing the Calderbank Steel Company, and Robert Napier and Co., shipbuilders, have similarly united with Broadmore and Co., steel and armour-plate makers. A new line has been struck out by the Thames Iron Works which, after widening their scope by the absorption of the engineering works of John Penn and Sons, have lately formed a combination with Messrs. Siemens, Messrs. Mather and Platt, and the Brush Electrical Engineering Company for the purpose of undertaking electrical equipment in competition on equal terms with the great German and American combinations.

Of amalgamations on the model of the American Trust there are but few. Still, the Scottish rivet, nut and bolt trade is organised into one company with a capital of £550,000, and the Scottish tube manufacture is mainly in the hands of two combinations. The Fairbairn Lawson Combe Balfour Company is an amalgamation of the three largest firms making machinery for the preparation and spinning of flax, hemp and jute. The South Durham Steel and Iron Company was formed by the fusion of three firms having more than half the output of iron and steel plates on the north-east coast. Richardsons, Westgarth and Co. is a combination of the well-known engineering firms of Thomas Richardson and Sons, Sir Christopher Furness, Westgarth and Co., and W. Allan and Co., and is closely connected with some of the shipbuilding industries. The Textile Machinery Association is an amalgamation of the seven chief makers of wool combing and washing machinery in the West Riding of Yorkshire.

On a lower grade of organisation may be reckoned the numerous local selling associations which regulate the prices of rail, ship-plate, boiler-plate, boiler-tube, bar-iron, and many other finished or semi-manufactured articles, and the bar-iron associations have recently formed a national union under the title of the Consultative Council of the Iron Trade of Great Britain. In the Birmingham staple trades the "alliances" between the associations of masters and workmen for securing a fixed rate of profit and a sliding-scale of wages have been for some years familiar to all, but the breakdown of the Bedstead Alliance, the parent organisation, shows that those unions by preserving the principle of competition have retained within them the seeds of decay. Belief in association has even begun to reach the retail trade; and the Ironmongers' Federated Association, a young but energetic body, has succeeded in fixing standard prices for lawn-mowers and other articles. A less evident but not less real form of co-operation consists in the existence of independent companies related by having common directors. How this works may be exemplified by the following passage from the prospectus of Pease and Partners:

Several of the directors of the vendor company are directors of, or shareholders in, other important companies or firms on the east and west coasts, in which they hold a considerable, and in some cases a preponderating, interest, and trade contracts have for many years been entered into and are now subsisting with such other companies and firms, to the mutual advantage of the parties to such contracts.

The yeast of association is thus at work in many ways in various departments of the steel and iron trades, and one might almost say that the whole industry was waiting for some heaven-sent organiser to carry on the process a step or two farther. One method which is ready

for adoption was described in an interesting interview with Mr. B. H. Thwaites, C.E., on April 27th of this year. That gentleman said:

What I suggest for our country is the formation of a great joint-stock corporation, which shall select the most promising iron and steel concerns, and provide all the necessary up-to-date machinery, this machinery to be the property of the corporation. Out of the profits obtained on the completion of the new installations a determined rate of interest and depreciation is to be first secured for the benefit of the corporation, and then an amount shall be set on one side to compensate the iron company for the plant made obsolete, the balance of the profits to be divided between the iron company and the corporation, according to an agreed ratio. The depreciation factor for the corporation plant to be fixed on a ten years' useful service; the corporation to have a voice in the administration of the company's business. The corporation, having ample capital would, with a mere fraction of the capital of the great steel trust, be able to secure an annual output from English works, which would be little short of the output capacity of the Trust. Such a corporation would be powerful enough to influence the railway companies to adopt a lower rate policy. By its introduction of scientific processes and the most suitable machinery, it would reduce the labour proportion influence to the same degree as exists in the United States, and, along with the reduction of the railway rates, and the adoption of a preferential fiscal policy with our Colonies, could not fail to revivify our once greatest of all British trades and industries.

Whatever may be the demerits of this scheme, it at least provides a solution for Sir Lowthian Bell's two great difficulties, the need of fresh capital and the heavy loss of throwing aside old but still useful equipment, and it affords a means for that specialisation of plant on which American success so largely depends. To the outsider it may seem entirely fantastic, but in several ways it has been put into operation on a smaller scale. For example, in the spring of 1900 it was announced that the Weardale Steel Company, the South Durham Steel Company, and Furness, Westgarth and Company were jointly interested in the establishment of a new armour-plate plant on the Tees, and were sending a commission of experts to the States to study American methods. Even more to the point is the syndicate of thirty-four British capitalists which was formed about three years ago to investigate Mr. Edison's inventions for the utilisation of low-grade iron ore, to develop his patents, and to acquire the ore-beds which his genius rendered valuable. A third method, a development of the last quoted, is the formation of joint-stock companies for the exploitation of new processes and patents by way of license. Examples are the Talbot Continuous Steel Process Company, the Bischoff White Lead Corporation and the Mond Nickel Company, all of which have this in common: before being introduced to the public they were developed by groups of associated capitalists. "Again," say the writers, "we must repeat, in concluding this sketch of the present organisation of the iron industries, that everything points towards the further development of combination—but that there is no sign that the task will be undertaken by our private capitalists before the United States Steel Corporation has got a firm hold of our trade."

(To be Continued.)

AN IMPORTER ON RECIPROCITY.

In our last issue there was published an interesting letter with which we were favoured by "An Importer," who gives his views therein on "Reciprocity" and some germane matters. He regards the returns of our exports as proving that Canada is able to compete on equal terms with the world in the products of the forest, the farm and mines. Were the fiscal fences on both sides of the line removed, "Importer" thinks the Canadians could more easily sell to their neighbours in the States "his horses, pigs, chickens, turkeys, eggs, and small fruits," as well as his "barley, oats, hay, logs, pulp, and minerals." "But," he remarks, "we are not so ready with our manufactures." This, in brief, is an assertion that reciprocity with the States would only enlarge the market for Canada's natural products, for we should be unable to sell any large quantities of manufactured goods in the States, even were "the fences down" on both sides the line.

Whether it would be any advantage to Canada to have an open market in the States for such natural products as now are sent to England depends entirely upon whether better prices could be obtained across the line than across the ocean. Enlarging the outside market does not necessarily involve enlarging the home production. All the "horses, pigs, chickens, eggs, &c., and small fruits" raised in Canada are now sold. Reciprocity, therefore, unless it gave a better market for these products, a market, that is, where higher prices could be secured, would be of no advantage. We should sell to Uncle Sam, if more convenient, instead of to John Bull; but the pecuniary result would be the same. As matters now stand the British market is enormously greater than can be utilized by Canada. Our supplies of all farm products are a mere fraction of the total sold in British markets. Why should Canada expect advantage from the mere largeness of the American market, if opened, when already her sales in the British market are so small compared with the opportunities offered in that very large market?

The States are now exporting the farm products above enumerated in competition with ours. This trade fixes the prices of these goods in both countries. Is it reasonable, then, to regard it possible for such Canadian products to fetch a higher price in the States than they now do when exported to England? Is it the course of trade for a competitor to buy the goods of his rival? Such considerations cause us to regard reciprocity in "horses, pigs, poultry, eggs and small fruits" as having no promise of any material advantage to Canada.

"Importer" puts "barley, oats and hay" in a separate class. It would be a benefit to us were Canadian barley entered free into the States, but not so much so as in past years, because our farmers have learnt to do without the American market, while the Americans have learnt to do without our barley—using other materials in its stead, as our own distillers substitute American corn (maize) in making rye whiskey. Whether, then, this trade would revive is doubtful. As to oats and hay we should be glad to sell them in the States. Of oats we export on an average of about 2½ million dollars' worth yearly, of which 80 per cent. goes to Great Britain, and about 1 per cent. to the States. Oats are exported to the same market by the States; therefore, they do not need any of our grain, and would not give us better prices than we get in England. As to hay, we do better in the States than with oats, poultry, &c., as the following shows:

—The city assessor has fixed the population of Woodstock, Ont., at 9,257. This is 424 in advance of the Dominion census.



"RED HAND"

ROOFING

Foundation Felts.
Inodorous Felts.
Slaters' Felts.



FELTS,

Dry Hair Felts.
Silicate Cotton
Patent Hair Fabric.

ARE UNEQUALLED **THE WORLD OVER**

Manufactured by **D. ANDERSON & SON, Ltd.,** Lagan Works, Belfast.

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

LOYALTY TO THE TRADE IS OUR MOTTO.

Hay Exports—			
	To Gt. Britain.	To U. S.	Total.
1900	\$378,946	\$715,946	\$1,414,119
1899	258,604	118,274	411,631
1898	299,462	25,729	358,614
1897	193,172	773,079	999,238
1896	305,616	1,641,789	1,976,749
Oat Exports—			
1900	2,060,047	62,923	2,489,048
1899	3,026,535	40,219	3,536,937
1898	2,696,378	32,144	3,320,718
1897	1,498,313	9,762	1,835,721
1896	112,704	12,736	285,418
Horse Exports—			
1900	2,060,047	62,923	2,489,048
1899	602,027	452,610	1,077,907
1898	1,232,717	578,319	1,840,989
1897	1,359,472	547,055	1,952,071
1896	1,735,108	650,761	2,441,118
Barley Exports—			
1900	937,721	77,754	1,200,852
1899	120,143	59,158	179,519
Egg Exports—			
1900	1,447,030	2,661	1,457,942
1899	1,254,392	6,666	1,267,063
Butter Exports—			
1900	5,239,814	19,637	5,429,563
1899	3,844,051	10,472	4,025,405
Cheese Exports—			
1900	20,437,936	7,108	20,483,981
1899	17,320,790	40,038	17,401,436

Pulp Exports—			
	1900	1899	Total
1900	562,178	1,193,753	1,816,016
1899	671,704	578,329	1,274,376
Wood for Pulp—			
1900	38,370	864,077	902,772
1899	28,099	809,795	842,086
Lumber Exports—			
1900 and 1899	30,649,000	17,464,000	52,232,000

So far as minerals are concerned, reciprocity would have no effect; the market is now open. In regard to pulp and wood for pulp Canada is fast developing her capacity to manufacture all her pulp-wood at home, and the sooner exports of mere raw material are stopped the better it will be for the country. We shall need all we possess some day and probably have to regret shipping so much to the States. Great Britain is a better customer for lumber than America so far as quantity goes; but whether it would be an advantage for Canada to have an open market in the States in exchange for our throwing the Canadian market open is a much controverted question.

So far we have dealt only with "Importer's" views on natural products. His remarks on the deficiencies of Canada in regard to manual training are timely and well stated. Such ideas as he enunciates should be heard in the Houses of Parliament where their discussion would be of far greater service to the country than the great bulk of ordinary debates. We endorse heartily and adopt the words of "Importer": "Let our Government wake up. Establish schools of art and manufactures to teach young men how to learn mechanics scientifically." Under present conditions were the fiscal fence of Canada thrown down, the day of this country as a manufacturer would soon be ended. For such a result reciprocity in farm, forest, and mineral products would be no recompense worth a moment's consideration.

The above tables do not encourage hopes that the farm products included in the above returns, which are produced in Canada, are likely to find a large market in the States. Enough is raised there for home consumption and for export.

We pass on to the mineral, pulp, and lumber exports, in which "Importer" says, "we are ready for reciprocity":—

Mineral Exports—			
Gold, Silver, Copper:			
	To Gt. Britain.	To U. S.	Total.
1900	\$4,034	\$15,485,745	\$15,502,598
1899	81	5,888,707	5,902,983
Lead Ore—			
1900	41,289	621,280	688,691
1899		895,769	895,769

THE POSITION OF COPPER.

The recent drop in copper shares, when Amalgamated Copper stock fell to \$37 per share under the price ruling in June last has emphasized the opinion expressed in the metal trade that the price of copper is far too high today in spite of the increase in consumption caused by

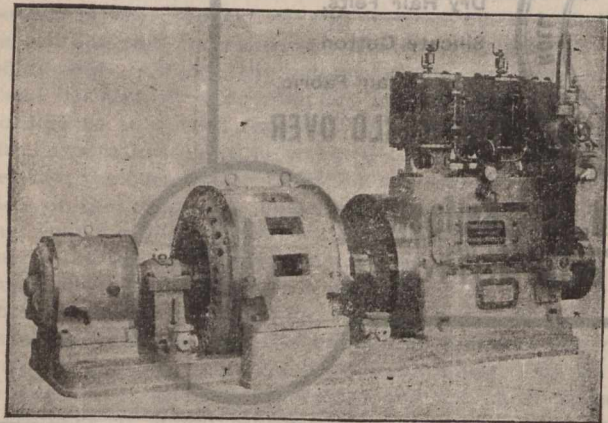
Telegrams: "MAGNETO," Bradford.

ROSLING, APPELEBY & FYNN,

LIMITED.

TRAFALGAR WORKS.

Bradford,
Yorkshire, England.



the remarkable developments in electrical supplies and machinery. In the belief of many users of this metal the normal price in New York should be nearer 10 cents than 17 cents per pound. Nevertheless, for nearly three years now, copper has been firmly held at from 16½ to 18½ cents; and while at the outset legitimate conditions of supply and demand no doubt supported the rapid advance from the price of 10 to 12 cents which prevailed well on into the year 1898, there is every reason to believe that the 17-cent copper of recent months has depended more upon the stays of trust manipulation than upon natural supports. For it is known that production has continued large, and that foreign consumption of American copper has fallen off, and it is thus reasonable to suppose that domestic consumption in relation to production may have also shrunk materially. The exports of copper ingots and bars for the seven months ending with July amounted to 120,477,997 pounds, compared with 216,650,814 pounds sent abroad in the same time last year. Thus an impression is current in the trade that the copper combination is carrying a large stock of unsold copper in the effort to prevent a fall in the price of the metal to a more normal level.

This naturally involves a heavy expense. And in view of the prices paid for the shares of the Boston and Montana and Butte and Boston by the Amalgamated—who secured these shares at the very culmination of the copper boom and at valuations based upon prices ruling at that inflated epoch—a drop in the price of the metal just now would be a serious thing. The Amalgamated stock is largely in the hands of investors, who have necessarily bought it "blind" on the assurance of "tips" from the "inside," since the Amalgamated maintains a close secrecy as to its affairs. The amount of stock thus held is said to be something enormous. And were any demoralization to set in, it is difficult to see where it would end. The experience of the Secretan French copper syndicate of 1889 is always in the foreground, as a warning to investors in copper stock who base their hopes of dividends on a manipulated situation in the copper industry. The calculations of that syndicate were, on paper, regarded as perfect and incapable of being upset. And in respect to production of new copper a wonderful control was established. But with old cop-

per and consumption—the case was different. The number of old copper kettles and boilers and pots in the world, which suddenly came forth, was beyond the wildest fears, and the way in which consumption turned from copper to zinc, and even iron, as a substitute, was no less amazing; so that the syndicate was not long in going down with a crash. And yet it had put the price of copper up to only 16 cents.

One result of these frequent revelations of weakness in the affairs of trusts and combinations must and should be a stronger demand than ever for such public regulations as shall at least compel full publicity in their operations and reports, and full adequacy of statement in setting forth their financial condition. Investors should insist upon it for their own sakes, as the general public should insist upon it as a measure of restraint. As things are at present, the investor who buys into a trust or combination buys into a blind pool about whose affairs he knows nothing except what those who sell him the stock consider it advisable to let him know. His investment is wholly at the mercy of a management operating in the dark. And, if the interests of this management are not identical with his own—and there are times when they are not—he may chance to suffer severely for his confidence.

HARBOUR AND RIVER MATTERS.

Montreal, like some other seaports in various parts of the world, has its envious detractors who magnify every accident, however trivial its character, into what is represented as a dangerous feature in the navigation of the St. Lawrence generally and if the misadventure happens between Montreal and Quebec the "candid friends" of the former port at once repeat the old stale cry that is to ensure its end and unfitness to be pre-eminently the seaport of the Dominion as it has hitherto presumptuously pretended to be—and actually is.

The slightest accident in that reach of the St. Lawrence route is sufficient to bring out columns of jeremiahs lamenting the futile spending of money on what they call the mud channel leading up to Montreal, and the insurance companies and their agents at once re-echo

..Clay-working Machinery..

Manufactured

by

C. WHITTAKER & CO., LTD.

Dowry Street Iron Works

...ACCRINGTON,

—Lancashire, England.

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

(Cut will appear next week.)

the cry, and give it effect by using it as an argument for the discriminating rates of insurance that are now injuring, most unfairly, the whole St. Lawrence route.

It is true that some accidents have occurred this year to vessels between Montreal and Quebec, but probably not one of them can be attributed to the dangers of the channel itself. If we take the two last reported instances, which are yet to be investigated and on which, therefore, we give no opinion as to who is to blame, it is clear that H.M.S. Indefatigable was actually within the limits of the harbour of Quebec when she grounded on a well known shoal on the edge of a channel over a quarter of a mile wide and one hundred and fifty feet deep at low tide.

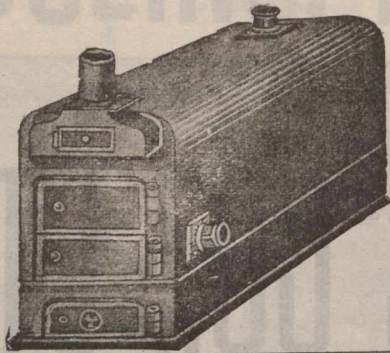
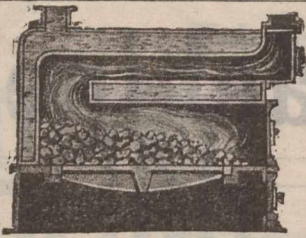
A still more recent case is the Montfort, the accident to which vessel is magnified into one of the dangers incident to the Montreal end of the ocean route. This seems to be a choice morsel for our "candid friends" to discuss and they lament over the consequences to this port because there is not sufficient water in the river, which is gradually drying up, they say. The particular cause of that accident and the previous circumstances attending have not yet been brought out, but it is safe to say that it was not owing to an extreme low stage of the water. The Montfort struck the rocks at Cap Charles, some forty miles above Quebec, at which point the tides rise on the average about seven feet. That part of the river from its rocky character and the strong current on the ebb tide, is always considered the most critical part of the navigation, and prudent masters and pilots of vessels generally try to pass over it when the tides best suit. If a vessel like the Montfort could have

plenty of water to reach Cap Charles, there would undoubtedly be plenty of water to pass safely over that point if the vessel was kept in the channel, which we may say is as perfectly marked and buoyed as it is possible to have it. It is as utterly childish as it is absurd to use such accidents as these to depreciate the channel as is done by our "candid friends" and some others.

Accidents will happen; if they did not there would be no need for marine insurance companies. It is safe to say that in proportion to the trade the losses inside of the Gulf of St. Lawrence have, this year, been smaller than those in the seas that surround Great Britain and Ireland. Yet when any accident occurs over there—be it great or small—we do not hear the cry raised—off with somebody's head—raise insurance rates or abandon the route. That is something reserved only for the use of Montreal's "candid friends"—but all the same the port of Montreal will continue to prosper until the public spirit of its past generations of men has passed away and become degenerate.

It is very true and much to be deplored that the harbour authorities are in these days passing through much tribulation and appear to be in a continuous series of worries. Let them take heart, however; in some way the troubles will be righted, and it may reasonably be hoped that as time passes and brings along the hours for reflection, the differences of opinion and much talking will give place to decided action that will hasten forward, more rapidly, the works that are to ensure the long-promised facilities for handling the trade of the future.

Most of those worries that are now bothering the Har-



BINNS & SPEIGHT,

Limited

WROUGHT IRON WELDED
HEATING BOILERS

TELEGRAMS.
"Welding."

BRADFORD, ENG.

Special prices to Canadians under the new Canadian Tariff.

hour Board are the consequences of their own unwise and injudicious actions, in some cases owing to inaction. The Minister of Public Works has several times had occasion to give them a lead or ask for information as to their intentions. As is well known, the Hon. Minister is always in active motion and not easily caught napping. His last call, as reported, is for information as to the financial position of the Board—if it will have money enough left out of the grants in aid to complete the works for which the Government's advances were promised.

This call was timely and when information is prepared the public will doubtless have the benefit of it. The report of the Board for the last year has not yet been published, although this year is drawing to a close. This delay is totally inexcusable. In August last we had occasion for some information that should appear in that report, and when we applied for a copy we were told it was not ready, but it would be out in a few days. It is now well into October and the report has not yet appeared. This is passing strange, to say the least about it.

The last worry troubling the Board is the implication that \$20,000 might possibly be floating about in connection with the contract for the proposed elevator. All but one member of the Board have asked the Minister of Public Works if he intends to find out what there is in it. The one member who did not sign is probably among the last any one would connect with anything intentionally crooked; those who did sign all repudiate the soft impeachment.

The strange story, which seems an unlikely one, appears to have originated at a meeting with closed doors and must have leaked out in a mysterious way. The moral to be drawn is to have all meetings open, and the truthful reporters will tell us all about things.

HINTS TO EXPORTERS.

The commercial papers of Rio de Janeiro, have been recently discussing the methods that promote or hinder international trade, with especial reference to the success of German exporters in the markets of Brazil. Their remarks have a close bearing upon the trade conditions of Canada.

The Rio papers attribute the success of German exporters to their making every possible effort to come into direct contact with Brazilian consumers, whose tastes

and requirements are closely studied and catered for, and such shipping and financial arrangements made as are in accord with the local customs of the country. The form, weight, design, colour, texture, finish, and packing of goods sent out by German exporters are in conformity with the ideas of merchants and consumers. All their agents, whether settled in a city or town, or employed in travelling for orders, speak Spanish or Portuguese; they are familiar with all local habits and needs. In a word, every device that shrewd business instincts, experience and local knowledge can suggest is adopted to nationalize the trade done by Germans in Brazil, and bring vendors of their goods and individual purchasers into such close touch as removes any prejudice or aversion that might arise from the people knowing that they were dealing with a foreign firm in Europe.

This wise policy was adopted some years ago by a Sheffield manufacturer when seeking to create a demand for his goods in Spain. He secured samples of the articles he could make that were popular in Spain, as some of our English advertisers are doing in respect to Canada; also of the boxes in which they were packed, of the paper wrapping, of even the twine used in packing, and by adhering closely to these samples, and following local customs in prices and discounts, and terms, and brands, he built up a very large trade in Spain and Portugal. It is known to us that another manufacturer sent out to that market what he thought to be an improved matchet, or heavy knife, but the venture was a dead failure.

Buyers everywhere will purchase what they want, not what a merchant or maker thinks they ought to buy. The closer then the producer conforms to the ideas of the consumer; the more intimately they are brought into touch the more freely is business transacted between them, and, as a rule, trade facilities tend to trade development.

One grave mistake made by many British firms is the neglect of such conditions as are necessary to place their wares in sight, as it were, of buyers outside Great Britain. Another great mistake is to suppose that advertising in journals that are only seen by those in their own trade is sufficient. It is true a retailer may see some article so advertised in his English trade paper, but unless there is a demand for the article why should he import it? It may be remarked here that dealers in Canada and the United States are extending their lines of goods gradually to include kindred sorts. For example, the sewing

Telegraphic Address: "GLOBE," Burnley.

Butterworth & Dickinson, Machinists

Makers of all kinds of Looms and Preparing Machinery, for Cotton, Worsted and Linen Goods, Cop, Ring-Bobbin and Hank Winding Frames, Single and Double Drum Winding Frames, Pirn Winding Machines, Self-Stopping Warping Machines, Sectional Warping Machines, &c., Winding on Machines (Heavy and Light), Ball Warp Beaming Machines, Warp Balling Machines, Size Mixing Apparatus and Boiling Pans, Cylinder and Cool Air Slasher Sizing Machines, Twisting and Drawing-in Frames, Galico Looms, No. 3 or 4 Framing, Strong Calico Looms, No. 5 Framing, Looms with Inside Treading, for Twills, Sateens, &c., Looms with Outside Treading (either with rods or Plate Tappets), for Twills, Sateens, serges, &c., Looms with Woodcroft Section Tappets for Velvets or Light Fustians, Drop-Box Looms (Ecoles' Patent) for Checks, Oxfords, &c., Circular or Revolving Box Looms, Strong Sheetting Looms, up to 160" Reed Space, Heavy Fustian Looms, Turkish Towel Looms, Silk Looms, Patent Double-Lift Dobbies Either Double or Single Barrel, Plaiting Machines, Hydraulic Presses, Beaming and Warping Machines for Linen Yarn, Warp Dressing Machines for Linen, Light Looms for Cambrics, &c., Strong Looms for Plain and Twill Linens, Light and Heavy Looms for Damasks, Heavy Looms for Linen Sheettings, Malleable Iron Flanges for Warpers and Loom Beams, Malleable Iron Castings of all kinds, Accessories and Fittings of every description for Preparing Machinery and Looms.

Globe & Saunder Bank Iron Works **BURNLEY, Eng.**

(Cut will be inserted as soon as received.)

machine is kept in samples or in stock in many country stores of late years. To secure trade outside the country the goods desired to be sold must be brought to the notice of consumers, that is, of the general public. This creates a demand and it is then easy for a retailer directly, or through his supply house, to secure the goods asked for and open up opportunities for putting other goods of the same maker in the market.

Manufacturers should ever bear in mind that they have not only to make goods but, as far as possible, to make demand for them by advertising in journals that circulate amongst probable handlers. The day is past when the maker of an article could sit in his factory and wait for customers. Trade to-day must be solicited, and the manufacturer in the old land and his agent on this side, or his merchant-customer, must work together to stimulate business by bringing the goods they have on sale persistently to the notice of our consumers. An expensively got up catalogue is useful in its way, but it implies an existing trade; it is of limited service in creating a demand amongst consumers. Nor is there in Canada an instinctive craving for British goods. What will sell here must be sent here, not what sells in England; and what will sell here must be learnt by observing the market and the people.

The colonies have each their specialties in the style and quality of certain goods in popular demand. Those who are anxious for our custom must cater to our tastes, they must adapt their terms to our needs, and to bring their goods into notice throughout Canada they must, as we say, "Hang out their shingle" where it will be read by a large class of possible buyers—dealers and users.

TWO DEFAULTS.

The fact that two industrial enterprises, the Halifax Heat and Light and the Sissiboo Paper and Pulp Co. have been forced to default upon their interest payments forms a poor commentary upon the prevailing prosperous condition of trade. In the case of the Sissiboo, the default is said to be due to managerial friction. But in the case of the Halifax Heat and Light, the company seems to have been a failure from the start. Yet

it had apparently bright opportunities. It had acquired the existing gas company in Halifax and removed the works from the city to a site on the North-West arm, where it was proposed to go into the business of not only supplying gas, but of developing the by-products on a large scale as well as manufacturing coke. The Cape Breton coal of the Dominion Coal Company was to be used in that connection, and it was said that the capitalists interested in the larger concern had interested themselves in the Halifax concern. So bright did the outlook seem some years ago, that the bonds sold here readily at from 90 down to 75. In fact most of the \$700,000 of common stock, \$700,000 of first mortgage and \$100,000 of second mortgage, are held in this city.

But it soon became evident that the new company had paid more for the Gas Company's plant and franchise than it was worth. The removal of the works was also a costly enterprise. The manufacture of by-products does not seem to have passed the experimental stage, and the company soon began to run behind. The stock went steadily down until at last it was offered at 15 on the Stock Exchange without finding buyers, and its present default on interest does not come to any one in the light of a surprise. Readers of the "Journal of Commerce" will remember our comments at the time of the company's inception.

As in the case of the Sissiboo Company the bondholders of the Halifax Heat and Light are willing to defer action until it can be seen if the company can extricate itself from its present unpleasant position. In fact it is understood that a year's delay will be granted in order to give the board of directors a chance to inaugurate a new departure in the company's policy.

THE HESSIAN FLY.

When one insect can be charged with doing damage to the Canadian farmer to the extent of \$2,500,000 in one brief season of six months, it becomes a factor of commercial importance. Yet this is the record of the Hessian fly, this season, in the Province of Ontario. The normal yield of that province is estimated at a value of \$16,000,000. And in about one-fifth of the wheat rais-

Tel. Address, "Abbey," Accrington. Established over 50 years.

James Walmsley & Sons

Accrington, Eng.

LEATHER CURRIERS, STRAPPING MANUFACTURERS and MILL FURNISHERS.

SPECIALITIES:

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

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

(Cut will be inserted next week.)

ing area at least two-thirds of the crop have been destroyed by this insidious insect.

This is an absolute and tangible loss that appeals to the commercial interests as well as to the farmer. The Hessian fly bids fair to cost our agriculturists two and a half millions of dollars this year. And these are figures which are calculated to make bankers feel that it is time that some steps were taken to check the ravages of this insect pirate. Unfortunately no scheme of extermination has yet been thought out, as the attacks of the insect seem to come at most irregular intervals. It first arrived on this continent in 1778 and was noticed in New York. It was supposed to have been imported by Hessian soldiers who fought in the revolutionary war. The weight of opinion, however, is that the fly came over in the seed of the plants on which it feeds. In Canada the total failure of the wheat crop in 1856 was blamed principally on the Hessian fly. There was in 1878 another plague of it, which caused wheat-growing to be abandoned in Ontario for two or three years. The last outbreak began in 1899, and is at the present moment at its worst.

This is a serious problem. It is one that confronts the banker and the merchant just as much as the farmer. But how shall the evil be combatted? In some districts what are termed "trap-crops" are found to be very effective. These are fields sown earlier than the regular crops, which attract the flies before the latter mature. The trap crop is then plowed under the land so deep as to destroy the whole brood. But in this plan of attack co-operation among the farmers is essential, for if one man in a locality fails to take preventive measures, his fields will breed enough flies to infect the whole neighborhood. And how is this co-operation to be secured? Can the Government be called upon to pay for the loss of these "trap" crops? And can we expect the farmers to plant "trap" crops for nothing? Clearly not. We are confronted with the two horns of the dilemma. Either the Government must undertake the burden of destroying the Hessian fly, or we must witness the purchasing power of the Canadian farmer lowered by three million dollars annually. Which will it be?

Correspondence.

CANADIAN WOOLLEN INDUSTRY.

To the Editor of the Journal of Commerce:

Sir,—In reference to the uneasiness and dissatisfaction which we read of as existing among manufacturers of woollen goods in Canada, owing, as they contend, to the preferential tariff, which they say is injuring their business by permitting English woollens to be sent here in such large quantities, how is it that the woollen exports of England have fallen off as well during the past year? Or is there not a something which the great law of supply and demand might explain? We cannot expect to have perpetual prosperity in all our lines. What is the matter with the Canadian wool market at present? Aside from the almost prohibitory duty which so largely prevents its shipment to the United States, don't you think there should be a sufficient home market for a wool which can be bought for 12½c per lb., washed, to enable enterprising manufacturers to put it in shape to be sold by the yard or suit instead of having it remain the "drug" it is proving? Should like to hear both sides of this matter explained. I may be inclined too much to the one side, but, you see, I'm desirous of "pulling off the wool" so all can see, and have the discussion woven into material that will stand a fair test.

Yours,

TWEED.

Montreal, Oct. 1, 1901.

Telegraphic Address: "STANDARD WIRE, SOWERBY BRIDGE."

The STANDARD WIRE COMPANY, Limited,

MANUFACTURERS OF

Patent Plough Steel Rope Wire.

Patent Mild Plough Steel Rope Wire,

Patent Steel Rope Wire,

Galvanised Hawser Wire to Lloyds' Tests.

Galvanised Cable Wire. Bright and Annealed Wire.

Bright and Annealed Core Wire,

Galvanised Mild Steel Rigging Wire,

Soft Steel Screw Wire, Tinned Mattress Wire.

SOWERBY BRIDGE,
ENGLAND.

ALSO AT
DARLINGTON,

CONVEYOR and ELEVATOR CO.

LOWER BRIDGE WORKS,
ACCRINGTON, Lancashire, Eng.

Contractors to H. M. GOVERNMENT.

Telegrams: "CONVEYOR, ACCRINGTON."

Spiral Conveyors, Coal Conveyors.

Chain Conveyors, Band Conveyors

Grain Conveyors, Tray Conveyors,

Stokehold Conveyors.

Grain Elevators, Coal Elevators,

Chain Elevators, Belt Elevators,

Bale Elevators, Barge Elevators,

Ship Elevators 9508

COMPOUND FLOATING GRAIN ELEVATORS.

THE NEW YORK LIFE.

The New York Life Insurance Co. is to be congratulated on the remarkable progress in its Canadian business during the last five years, or since the direction of the agency in this country was assumed by Mr. R. Hope Atkinson in 1896. The figures for each of the ensuing years, for new business actually paid for during each period of twelve months, speak for themselves. They show as follows:

1896	\$2,474,992	1898	\$3,202,700
1897	2,861,050	1899	4,588,100
1900	5,227,506		

This means an increase of \$2,752,514 in actually paid for new business, or a growth of over 111 per cent., in four years. A better testimony to the energy and enterprise used in pushing the Company's business in this country could hardly be cited.

If we take the complete figures of the past two years we find that they compare as under:—

	31 Dec., '99	31 Dec., 1900	Inc.
Income in Canada	\$1,138,505	\$1,288,011	\$149,506
New business actually paid for within the year . . .	4,588,100	5,227,506	639,406
First year's premiums paid within the year	175,310	211,155	35,844
Total paid business in force	26,840,096	29,484,779	2,644,683
Sworn and approved assets in Canada	5,410,267	5,971,873	561,605

These show that the increase is not confined to any one item, but is evenly spread over them all. And in addition it shows a surplus of \$426,208 over all Canadian liabilities.

In fact, the business of the Canadian agency has now reached that point when, in accordance with the custom of the Company, it will bear the expense of sub-division into a number of smaller agencies. And thus a number of branches will replace the single agency, whose progress bears such ample testimony to the administrative talents of Mr. R. Hope Atkinson. That gentleman will be transferred to an important position in New York at a largely increased salary. But whatever his successes may be in the future on American soil, he can always look back with satisfaction to the showing he has made in this country, when he more than doubled the business of his company in the comparatively short period of four years.

—The Toronto City Council on the 30th ult., passed unanimously the third reading of the by-law to prohibit the giving and selling of trading stamps. It will go into effect on January 2nd, 1902.

ASK FOR MORE TIME.

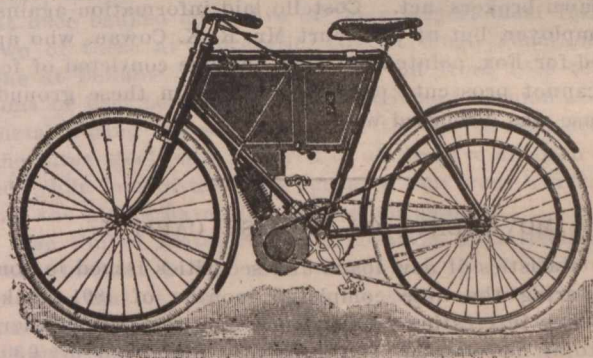
The announcement that the Sissiboo Pulp Mills Co. had defaulted in the interest payment on their bonds did not cause much surprise in this city as it is known that there was internal friction that would result in things coming to a climax. Hence the bondholders believe that when everything is running smoothly, their interest will be forthcoming and that the present default is merely a case of deferred payment. Let us hope this view is correct, for a large quantity of bonds are held in this city, since in September, 1899, the company offered, through Montreal financial agents, \$250,000 6 per cent. 30-year gold bonds at par, and \$250,000 common stock at 25 cents for public subscription. The capitalisation of the company was given as \$550,000 in 5,500 shares of \$100 each, with a bond issue of \$250,000, and the National Trust was appointed trustees for the bonds. The interest fell due last Tuesday. But it was soon learned on the "Street" that their bankers had no funds wherewith to cash the coupons.

—The ironclad *Wasa*, a new Swedish war vessel, was recently launched at Stockholm, in the presence of King Oscar and the members of the diplomatic corps.

ESTABLISHED 1837.

Telegrams:—"PNEUMATIC, Leeds."

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



THE IMPERIAL PRIMO MOTOR BICYCLE,

MANUFACTURED BY THE

LEEDS MOTOR EXPERTS,

WALKER BROS.,

"PRIMO" WORKS.

Meanwood Road, LEEDS, Eng.

JOHN HALLIDAY & SON,

Wholesale and Export Manufacturers

Of Strong and Medium



Men's,
Women's
and
Children's

BOOTS

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

WARRANTED
ALL
LEATHER.

BRAMLEY, LEEDS,
ENGLAND.

PAWNBROKERS IN ONTARIO.

The law of Ontario as to pawnbrokers is hardly up to date or in accord with justice in Britain, when a pawnbroker cannot be compelled to answer a charge of fraud alleged against him by an ex-convict who had undergone his sentence. It was so decided at the London, Ont., police court (on the 30th ult.), according to the London Free Press, which says: "As the result of a crime committed almost ten years ago, and of which Michael Costello was convicted, the latter was unable to prosecute Isaac T. Fox on a charge of breach of the pawn brokers' act at the police court this morning. At that time Costello was found guilty of stealing a gold cross, and sent down for three months. On regaining liberty, Costello engaged with Isaac Fox, with whom he has been employed for over nine years. Some time ago he pawned a watch to Fox, in disposing of which the latter was alleged to have broken the pawn brokers' act. Costello laid information against his employer, but at the court Mr. R. K. Cowan, who appeared for Fox, pointed out that any one convicted of felony cannot prosecute pawn brokers. On these grounds the case was dismissed without costs."

MOVEMENTS OF ENGLISH CAPITAL.

The statistics of new loans and securities issued in London, during the nine completed months of 1901, make some very interesting comparisons. For the period, there is a total increase of £5,443,700 over 1900, and of £30,584,000 over 1899. But this increase is wholly due to issues of British Government loans, which in the past nine months have been £27,030,000 larger than in 1900, and £71,300,000 than in 1899.

Separate figures for the quarter ending with September make a better showing, the total for 1901 being £19,029,200, as against £49,768,500 in 1900. This difference is chiefly due to the fact that the British Government bor-

rowed £12,770,000 during the quarter last year, and none at all in the same three months this year. British railways have also issued £5,236,000 less. There has been no market for them.

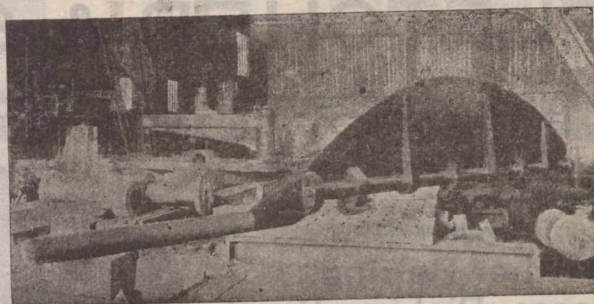
LEAMINGTON NOTES.

Our correspondent at Leamington, Ont., writes: This town still continues to improve both in appearance and business. The building boom has continued and to a much greater extent than in any previous year. The Government wharf, jutting into Lake Erie, for which the contract price was \$30,000, is nearing completion, and it is understood that Mr. John Flook, the contractor, has given every satisfaction; the dock itself presents a very strong and enduring appearance.—The six-storey tobacco factory of H. C. Ward is having its roof put on, and will be completed in time for this season's crop of tobacco. As reported to you before, this is an industry commenced by H. C. Ward, of Pontiac, Mich. The business consists of preparing and curing tobacco, the Canadian leaf, for cigars, and they expect to prepare and cure in the neighborhood of 2,500,000 lbs. this year, and will employ from one to two hundred hands. In addition to this, he has also made preparations to start a mammoth cigar factory and has already accommodation for about 125 hands and expects to increase this number very materially so soon as business is on a working basis.—The Consumers' Tobacco Co. are doing a large and increasing business, and are talking of enlarging their factory and increasing the number of hands; as it is, they are working with a night shift until near midnight and intend to put on an all-night force in order to keep up with their orders.—The Dominion Steel Whiffle-tree Co. are now in working order and have turned out some four or five hundred whiffle-trees, but are now handicapped through the inability to have their orders for sheet-steel filled, owing to the

Single Plated Built Rudder

**FINISHED COMPLETE
READY FOR SHIPPING**

Manufactured in 8 Days
...By...



THE

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

ST. BEDE WORKS, TYNE DOCK,

South Shields, Eng.

strike in the United States. They have sold their output and could fill many more orders had they the raw material.—The South Essex Veneer & Basket Co. have had to turn away many orders on account of being unable to fill them, their business having been an extensive one this season; they purpose moving from their present site and building a large addition to their factory, and next season will double the number of hands, or a total of about eighty or ninety.

Many new and fine dwellings have been and are being built in the town this season and it is impossible to procure carpenters or other builders at the present time.—The tobacco crop promises to be a large one as is also the price to be paid therefor, as, owing to the great number of contracts made by Ward, the price will advance about 15 per cent.; the corn crop also promises to be an excellent one, but potatoes and apples, like at other localities, will be poor here, although several farmers at the marsh have from two to three thousand bushels each, and as the price still remains at \$1 per bushel, those fortunate ones will reap a good harvest this year.—The census was a disappointment to the citizens here, as it was to many other places in this province; with our population at 1,210 in 1891, and the great boom we have had for the past five years, we should have had at least 3,300 or 3,500 people, as fully 250 or 300 new houses have been built in the past four years that, in addition to those which were built to replace old ones torn down, and allowing the usual average of five to a house, we should have had an increase of from 1,200 to 1,500, while the census gives only an increase of 500. The returns made by assessors for the past few years have shown a steady increase to 3,100, and we cannot understand the discrepancy between assessors and census-takers, but are inclined to believe the census is wrong.—The mercantile business in this town is still booming, and the dry goods men especially are doing a good business. The grocery business is overdone, as there are some thirteen or fourteen groceries to do the business which could be done by six or eight, but still they all seem to be making a living and possibly something more.

UNFAVORABLE REPORTS.

It cannot have escaped attention from persons other than the investors directly interested that several annual reports of large corporations recently published have been disappointing. Nor can it have been a surprise to persons whose vision takes in something of the past and attempts some forecast of the future. The continent has had three years of exceptional prosperity. This began with the farmers who were blessed with good harvests at a moment

when conditions abroad afforded exceptional markets for American surplus. It spread rapidly through the banking, manufacturing, transporting and mercantile worlds. Profits have been great, and they have sought fields of investment with an earnestness that has raised to high figures the values of all securities in which the element of risk is practically a negligible quantity, and that has made it possible to market very great quantities of securities of which the same cannot be said.

No one could have expected that such a condition could be permanent. We do not mean that disaster must follow prosperity. The great accumulations of wealth and the increased wisdom as well as resources of the banking world have materially reduced the dangers of panic and of commercial crisis. It can hardly be said that they have abolished them; but they have reduced their liability to occur. The country has passed with little jar through events that would at an earlier period have given all its business a severe shock and possibly something more than that.

THE MOVEMENT OF PIG IRON.

Reports in the press that the United States Steel Corporation is buying all the Bessemer iron it can lay its hands on, and has already bought 50,000 to 60,000 tons, are untrue. When the strike was declared and President Shaffer of the Amalgamated Association called out the men in the Bessemer steel mills of the National Steel Company at Newcastle, Pa., Bellaire, and Mingo Junction, Ohio, the officials of the United States Steel Corporation at once banked down five of their largest blast furnaces, two of these at Newcastle, two at Mingo Junction, and one at Bellaire. This action cut off from 1,500 to 2,000 tons of iron per day and prevented any accumulation of metal during the strike. Since the strike was declared the three steel mills referred to above have all been started, while four of the blast furnaces that were banked during the strike have also started up again.

The United States Steel Corporation finds itself in the same position to-day as it was before the strike was declared, that is, the company is short of Bessemer and basic iron at three or four of its steel plants and is buy-enough iron to make up these shortages. It is probable that ten thousand tons will cover the entire purchases of the Steel Corporation, all of this iron being for quick shipment. The present arrangement existing between the United States Steel Corporation and the Pig Iron Furnace Association is a very advantageous one for both parties. It will be remembered that about six months ago an effort was made by Joshua Rhodes & Co. of New York, acting

FLETCHER & SHAW, GOVERNMENT & RAILWAY CONTRACTORS,

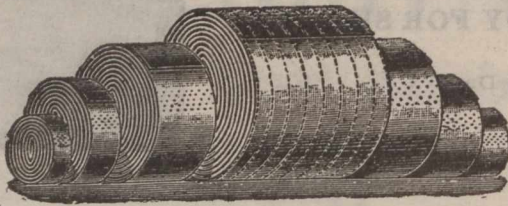
Ryburn Leather Works, SOWERBY BRIDGE, ENGLAND.

Telegrams—"Fletcher & Shaw, Sowerby Bridge."

Telephone No.—0980, Halifax.

Manufacturers of every
description of

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



**Cotton, Hair
and Link Belting, &c**

Special prices to Canadians under the
new Canadian Tariff.

for some Eastern and Pittsburg capitalists, to consolidate the blast furnaces in the two valleys into one company, with a capital of \$15,000,000, but the project was not consummated. Had the deal gone through it was the intention of the new combine to build a Bessemer steel works in order to find an outlet for the pig iron made by their furnaces and which must be sold in the open market. The Steel Corporation does not desire to have any more steel works built and for this reason it buys enough basic and pig iron each month to relieve the market of the surplus output of the valley furnaces. By doing this it holds up the prices of pig iron and keeps the furnacemen satisfied. It is a fact that the Steel Corporation, through its constituent companies, sells hundred of thousands of tons of material every year, prices of which are based on the price of Bessemer pig iron. If the price of Bessemer iron is moderately high the Steel Corporation is able to get just so much higher prices for their products. On the other hand, if it did not take care of the surplus product of pig iron and keep prices reasonably high it would have to accept lower prices for material sold at so much above the price of Bessemer iron. Only recently a prominent trade journal told of a large contract for steel, running over a period of five years, made between the Steel Corporation and the consumer, the price of which is on a sliding scale, based on the price of pig iron.

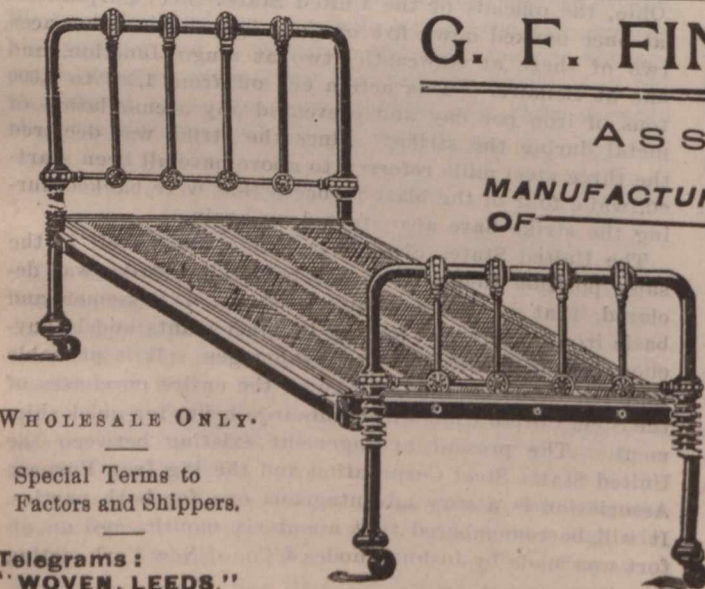
they get very cheap. They make a nice profit on their tinware in the trade, and they also get a profit on the beeswax when they turn it over to the retailers in hardware. The beeswax passes from them to the wholesale hardware men in the cities, and they ship it in barrels to New York. Wholesale hardware dealers often receive notices from customers that they have shipped a certain number of barrels of beeswax to apply on account. Beeswax is always a staple article, and in the trade is just as good as the cash at all times. Like many other goods, it sometimes fluctuates in price, but there is always a steady demand for it at the market value. Before the patent hives and honeycombs came into use some years ago, the wholesale price of beeswax was 25 cents a pound. Where large numbers of bees were kept the patent comb was used, and the consequence was that the bees didn't have to manufacture any comb, and in the course of a year the production of wax decreased so much that the price went up to 70 cents a pound wholesale. It went even higher than that for a while, and then it fell again, but it has never got back to where it was before the patents were adopted. If it were not for the tens of thousands of small beekeepers who cling to the old style of handling bees the price of beeswax would be more than \$1 a pound.

BEESWAX.

It will surprise many people to learn that in almost every part of the United States there is something which merchants regard just as good as the cold cash. That something seems commonplace, for it is nothing more than beeswax. But it is only in one branch of trade that beeswax is current, and that is the one the average person would least suppose—the hardware line. The reason hardware stores handle beeswax was explained the other day by a prominent wholesale dealer. It appears that all through the South, as well as in other parts of the country, the tin peddlers swap their wares for beeswax, which

SUGAR BEETS.

Assuring reports have been given by the deputation from Galt, Ont., and vicinity which returned recently from a tour of inspection to the sugar beet raising sections of Michigan. The deputation report in part: "We visited the cities of Bay City and West Bay City, Mich., the centre of the industry in America. In the former there are two factories, which have been in operation for a couple of years in the latter, there is one factory, operated last year, and to a limited extent the preceding year, and another now nearing completion. The sugar beet is very largely grown in this district, the soil being considered specially suitable for its cultivation. It is a very level tract of country, and for some distance around the cities



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

Assembly Works,
MANUFACTURER
OF **BEDSTEADS.**

Folders, Chair-Bedsteads, Wire Spring Mattresses,
and Coppere^d Diamond Spring Mattresses.

WIRE MESHES FOR MATTRESS MAKERS.

Angle Irons and Dovetails for Wood Bedsteads.

Special terms to Canadians under the New Preferential Tariff.

WHOLESALE ONLY.

Special Terms to
Factors and Shippers.

Telegrams:
"WOVEN, LEEDS."

Telegrams:—"Lumby, Halifax, Eng."

Boilers

FOR ALL PURPOSES.

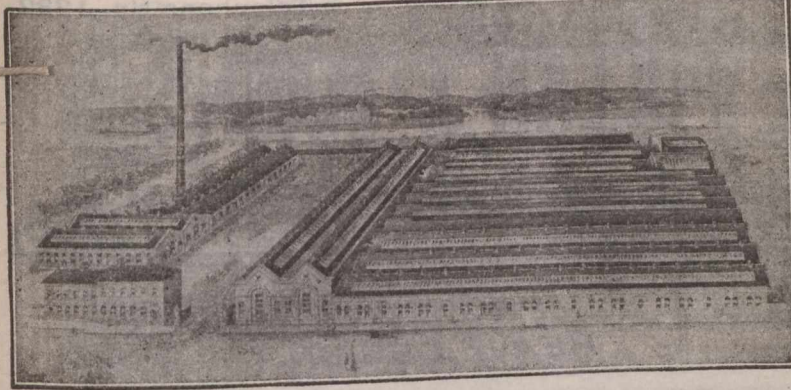
All Wrought **WELDED** without rivets, and without seams for Hot Water or Steam.

LUMBY, SON & WOOD, Ltd.,

HALIFAX,
ENGLAND.

Finest Catalogue in the Trade Post Free. Prompt Deliveries.

Special terms to Canadian buyers under new Preferential Tariff.



named beets are grown on almost every farm. The farmers interviewed in regard to the sugar beet were absolutely unanimous in stating that they considered it the most profitable crop grown in the district. The yield varied considerably, according to the condition of the land and the attention given to the crop. The percentage of sugar also varied, but so far as we could ascertain averaged above rather than below the 12 per cent. which is the buying standard. The industry, so far as can be learned, has been an exceedingly profitable one for the shareholders. Each of the three factories in the Bay Cities are said to have been very successful, and a fourth is being completed by parties who are no doubt familiar with the records of the others. Too much cannot be said in favor of these factories from a general business standpoint. The three referred to paid in cash for last year's crop, \$63,000. In addition to this their aggregate pay rolls during the several months of the season probably amount to nearly \$1,000 per day. The effect of the payment of these large sums of money has been of much benefit to the business in general, and farmers state has enhanced the value of land. The manufacturing plants are very large in each case, and entail great cost in erection and equipment. The results of our investigations may be summarized as follows: (1) That the sugar beet crop is declared by every farmer interviewed to be the best paying crop in the districts visited, and the annually increasing acreage is evidence of their sincerity. (2) That the crop is not specially exhaustive of the soil, inasmuch as it has been grown, in some cases, two or three years in succession on the same fields, with satisfactory results. (3) That the crop grown in a proper rotation would be beneficial in cleaning the land. (4) That we learned nothing that would lead us to doubt that this crop can be successfully grown in this district or on lands on a fairly deep soil where corn, turnips, etc., are successfully grown. (5) That the manufacturers have been able to pay \$4.50 per ton of twelve per cent. beets, and realize exceedingly good returns on their investments.

DAIRY PRODUCE.

A private London circular, date 20th ult., treating of dairy produce says: Butter.—The weather since the issue of the last report has on the whole been favorable to the growth of the pastures and the cruciferous crops as well, though the time of year forbids any great increase in forage, but owing to the very light crops of hay, farmers welcome any addition to their scanty store of winter fodder. The demand for Canadian butter this week shows a further improvement, and prices have advanced 2s per cwt., choicest brands now being 108s to 110s, finest brands range from 104s to 106s. Many purchasers of butter are not aware of the very fine quality that some of the fancy and choicest brands of Canadian possess, some of the fancy being equal in quality to Irish creameries, which are bringing 4s more. The first shipment of Australian but-

ter for the new season of 1901-02 left Australia this week and consisted of only 3,102 boxes. The vessel is due in London about 29th October. Last year on the same date the Orizaba arrived from Australia with 13,118 boxes, so that the deficiency of over 10,000 boxes shows how late the new season is in comparison with the last. The Danish Official Quotation remains unchanged at 103 kroner as the effect of the rise last week has weakened rather than stiffened the market. It is early in the year for such a high quotation to be fixed, and but for the exceptionally droughty summer much lower values would rule in September. Only twice since 1885, viz., in 1893 and 1899, has the quotation for the second week in September exceeded 100 kroner. The arrivals of Russian butter last week were 14,670 cwt., which is a considerable increase on the previous week. The prices of strictly choicest Russian are 96s to 98s per cwt. Inferior qualities are most difficult to move even at much lower figures. Cheese.—The demand for Canadian cheese shows improvement. Coloured cheese is worth about 1s more than white. Values here being 47s to 49s for strictly choicest goods, while c.i.f., quotations for September make, half white are 50s. Last year same date choicest Canadian was quoted at 52s to 54s and finest at 49s to 50s.

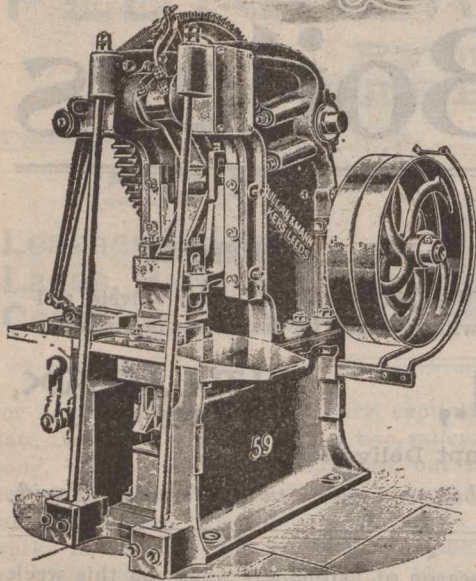
FIRE LOSSES.

Sydney, N.S., Sept. 26.—Residence of Mr. H. M. Whitney destroyed. Supposed incendiary. Loss about \$20,000.—Montreal, 27.—M. Longtin's hardware stock damaged.—Montreal, 30.—Vinette & Co.'s shoe factory, damage about \$500.—St. Jerome, Lake St. John, Que., 30.—For the last few days forest fires have been raging all over the country, burning houses, barns and crops. The farmers are obliged to sell their cattle on account of having lost all their feed. Saturday the wind blew a gale, and the fire extended from Lac Bouchette to St. Jerome, a distance of thirty miles in length and many miles in width. At St. Andre Lepouyant, 12 miles from here, the presbytery, Metabetchouane Pulp Company's store and ten houses and dependencies were destroyed. Two lives were lost.—Quebec, 28.—A despatch from Portneuf light, Saguenay, reports a terrible fire raging there. Unless the gale abates the entire village will be destroyed. The bush fire started about a month ago and the strong winds blowing for the last few days have fanned the flames. People are leaving their houses. Three houses have been completely destroyed. Two were the property of Louis Boucher, and the other belonged to Captain Albany, pilot.—Belleville, Ont., 28.—The Grand Trunk carpenter shop, situated east of the city, and an adjoining building, together with a quantity of lumber, were destroyed. Loss, \$2,000. The company carry their own insurance.

—There is quite a scarcity of repairing watchmakers in Montreal.

Telegraphic Address:—"CAMBRIAN, LEEDS."

Telephone No. 1232.



PULLAN & MANN'S

Steam-Power Brick and Tile Press,

**IMPROVED NEW
HEAVY DESIGN.**

Capacity 10,000 to 12,000 best facing bricks per day. Will press Bull Noses, Splays, and other Ornamental Bricks. Also Flooring Tiles, Paving Bricks, etc. Puts two slow nips on each Brick. Approx. weight, 3 tons. Only one horse-power required to drive. Small Engine combined with Press if required. Safety-Guards fitted round Press not shown in illustration.

This Brick and Tile Press is a strong and massive Machine, simple in construction, having few wearing parts, and costing very little for repairs. It is self contained, requiring merely two timbers to rest upon.

The great pressure applied to each brick or tile is obtained by a powerful arrangement of toggle levers, which gives two slow nips to each brick. The pressure remains on the bricks for a considerable time, thereby squeezing out all the air and making a good, sound brick.

The motions for feeding and delivering the bricks to and from the mould, and also for lifting them out of the mould, are all self-acting and simple. The bricks can be delivered either side, and the Press can be easily regulated to press any thickness of bricks.

Toggle levers and other parts subject to great stress are made of best crucible cast steel, and all shafts run in gun-metal bearings of large wearing surfaces, and the whole is constructed of the best workmanship and material.

PULLAN & MANN, Cambrian Works, **LEEDS, ENG.**
 Patent Improved Brick, Tile, and Sanitary Pipe Machinery, Etc.

THE LINEN MARKET.

The linen market shows, if anything, a firmer tone than that which existed a few weeks ago. The cut in prices made on goods which manufacturers on the other side had in stock was regarded by many in this market as an indication of a break in prices on new goods. The more conservative in the trade, however, feel that it is nothing more than a deire on the part of manufacturers to dispose of a portion of their stock goods. This seems to have proved the correct view of the matter, as the market at present, now that it is clear of these goods, has regained its former condition, and there is little immediate danger of a break for some time to come. The position of the local market is familiar to the majority of buyers, and is devoid of speculating, while transactions are made only when the demand requires them.

A fair business is being accomplished, especially in household linens of the better class. Most of the large concerns have placed their orders, although there is still quite an amount of business coming to hand which is keeping sales up in a very satisfactory manner. The call at present seems to be for small designs, the large patterns so much in evidence during former seasons having gone out to a large extent. In some cases the jobber is selling linens at cheaper prices than he can replace them, having had a supply left over from last season, which was purchased at a lower figure than present market prices. As long as these goods have remained he has been able to sell at lower prices, and buyers, well posted on the market, have been able to take advantage of this. Holes made in the stock have had to be filled at higher prices, and the supply of goods at old figures is rapidly diminishing.

Reports from Belfast are to the effect that buyers, who have depended on lower prices, owing to the new-flax crop, are likely to be disappointed, as reports state that the new crop will not be over the average. Business in the

manufacturing end continues to show a gradual improvement. Some firms are reported as being well engaged, while others are not doing much. The call from the United States is largely for union goods, while house-keeping goods are also in fair request.

AMERICAN HARDWARE PRICES. (Continued From Our Last Issue.)

Fuse—	Per 1,000 feet.
Hemp fuse	\$2.60
Cotton fuse	2.90
Single taped fuse	3.25
Double taped fuse	4.20
Triple taped fuse	5.00
(Less 10and2½%).	
Gauges—	
Marking, Mortise, &c.	55&10@55&10&10%
Gimlets—Single Cut—	
Nail, Metal, Assorted, gro.	\$1.40@\$1.60
Spike, Metal, Assorted, gro.	\$2.80@\$3.25
Nail, Wood Handled, Assorted, gro.	\$1.75@\$2.00
Spike, Wood Handled, Assorted, gro.	\$3.25@\$3.50
Glass, American Window, Jobbers' List, Jan. 21, 1901—	
Less than Carloads	80&20%
Carloads	85&5%
3,000 Boxes	87%
Glue—Liquid, Fish—	
List A, Bottles or Cans, with Brush	37½@50%
List B, Cans (½ pts., pts., qts),	33 1-3@48%
List C, Cans (½ gal., gal.)	25@45%
International Glue Co., (Martin's)	40&10@50%
Awl Hafts—	
Peg Patent, Leather Top	\$4.90@\$5.25
Peg Patent, Plain Top	3.50@ 3.75
Sewing, Brass Ferrule	1.50@ 1.60
Saddlers', Brass Ferrule	1.35@ 1.45

YORKSHIRE RELISH

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

Proprietors, GOODALL, BACKHOUSE & CO., LEEDS.

ENGLAND.

AGENT FOR CANADA

CHAS. GYDE,

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

Peg, Common	1.25@	1.35
Brad, Common	1.50@	1.75
Heavy Hammers and Sledges—		
3 lb. and under, lb., 45c; 3 to 5 lb., lb., 36c; Over 5 lb., lb., 90c—80&10@80&10&5%		
Wilkinson's Smiths'	9½c@	10c lb.
Agricultural Tool Handles—		
Axe, Pick, &c	.60@	60&10%
Hoe, Rake, Fork, &c.	.60@	60&10%
Shovel, &c., Wood D. Handle	.50@	50&5%
Mechanics' Tool Handles—		
Auger, Assorted, gro.	\$2.30@	\$2.50
Brad Awl, gro.	\$1.25@	\$1.50
Chisel Handles:		
Apple Tanged Firmer, gro. assorted, \$2.25@	\$2.35;	large, \$2.50@
\$2.60. Hickory Tanged Firmer, gro., assorted, \$1.75@	\$2.20; large, \$3.50@	\$3.70. Apple Socket Firmer, gro., assorted, \$1.70@
\$1.85; large, \$2.00@	\$2.25. Hickory Socket Firmer, gro., assorted, \$1.60@	\$1.75; large, \$1.75 @
\$2.00. Hickory Socket Framing, gro., assorted, \$2.50@	\$2.75; large, \$2.65@	\$2.85.
File, assorted,	gro.	\$1.00@
\$1.15		
Hammer, Hatchet, Axe, &c.	.60%	
Hand Saw, Varnished, doz.	.70@	75c
Do. Not Varnished	.55@	60c
Plane Handles:		
Jack, do., 25c; Jack, Bolted, 55@	60c; Fore, doz., 35c@	38c;
Fore, Bolted, 70@	75c	
Hangers—Barn Door, New Pat., Round Groove, Regular—		
Doz. 3 in., 85c; 4 in., \$1.20; 5 in., \$1.50; 6 in., \$1.90; 8 in., \$2.25.		
Barn Door, New England Pattern, Check Back, Regular:		
Doz., 3 in., \$1.30; 4 in., \$1.75; 5 in., \$2.50; 6 in., \$3.00		
Gate Hinges—Clark's or Shepherd's—Doz. Sets:		
Hinges, with Latches, No. 1, \$1.80; 2, \$1.90; 3, \$2.65		
Hinges only	\$1.20,	\$1.49, \$2.00
Latches only	60c,	60c, 65c
New England.		
With Latch	doz....@	\$1.55
Without Latch	doz....@	\$1.25
Reversible Self-Closing:		
With Latch	doz....@	\$1.80
Without Latch	doz....@	\$1.45
Western:		
With Latch	doz....@	\$1.40@
Without Latch	doz....@	\$0.95@
Spring Hinges—		
Holdback, Cast Iron, gro	\$7.00@	\$7.25
Non-Holdback, Cast Iron, gro.	\$6.50@	\$6.75
Blind and Shutter Hinges. Surface Gravity Locking Blind:		
(Victor; National; 1868 O.P.; Niagara; Clark's O.P.; Clark's Tip; Buffalo).		
Dozen pair, No. 1, 75c; 3, \$1.45; 5, \$2.90		
Mortise Shutter: (L. & P., O. S., Dixie, &c.—)		
Dozen pair, No. 1, 60c; 1½, 55c; 2, 52c; 2½, 45c		
Mortise Reversible Shutter, (Buffalo, &c.)—		
Dozen pair, No. 1, 65c; 1½, 60c; 2, 55c		

(To be Continued.)

—The first cable for a telephone line between Brussels and London was reported laid some days ago. The distance is 250 miles, 56 of which will be under water. The cost of the construction of the line will be £36,000.

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.

Bayfield—Lavina Spackman vs Isabella Johnston, \$2,000; Brantford Tp.—T. G. Ludlow vs H. T. Batson, \$10,000; Cornwall—L. Chevalier vs. Martha Ross, \$500; Norwich S. Tp.—E. Sackrider vs J. McNally, \$2,000; Richmond Hill—E. H. Sanderson vs J. M. Sanderson, exr., \$511; Tobermory—Knox, Morgan & Co. vs R. & D. Gillies, \$509; Toronto—M. Walsh vs Canada Cycle & Motor Co., \$1,500; W. H. Jones vs J. J. Gibbons, \$5,000; Imperial Bank vs E. H. Greene, \$3,161; United Electric Improvement Co. vs W. A. Johnson, \$2,999; Toronto—Toronto Land and Inv. Co. vs F. J. Wesley, \$2,335; Toronto Junction—Farmers' L. & S. Co. vs J. Druery, \$997;—M. Watts vs E. Moore, \$1,000; Markham Tp.—Farmers' L. & S. Co. vs A. W. Lehman, \$1,343; Ottawa—Mary A. Tilley vs T. Askwith, \$3,840; Mary Teskey vs W. A. Cole, assignee, \$1,080; Christina A. Johnson vs G. and Jessie Daglish et al, \$2,566; Peterborough—Creelman Bros. Typewriter Co. vs C. B. McAllister et al, \$2,000; Toronto—Farmers' L. & S. Co. vs J. Dowden, \$2,318; W. & L. Armour vs G. Hellam et al, \$2,000; Farmers' L. & S. Co. vs E. B. Myers et al, \$610; Toronto—M. S. Mercer vs D. O'Leary, \$830;—Margt. A. Seltzer vs Grand Lodge of Ancient Order of United Workmen, \$1,000; Belleville—Canada Perm. Corp. vs B. Truaisch, \$7,043; Breslau—G. A. Burrows vs A. M. Bechtel, \$5,000; Brockville—P. McLaren vs T. Tompkins, \$984; Huron Co.—Jane Lawrason vs J. J. Craig et al, \$520; London—S. C. Walsh vs H. Server, \$1,843; Toronto—Farmers' L. & S. Co. vs R. Allen et al, \$4,880; Farmers' L. & S. Co. vs W. Blackley, \$1,876; Farmers' L. & S. Co. vs W. J. Hambly, \$1,424; R. McDougall vs H. D. Sinclair, \$3,428; Toronto—J. K. McMichael vs C. E. B. Smithett, \$1,636; Vaughan Tp.—C. Barton vs A. E. Larkin, \$531; Winona—T. D. J. Farmer vs E. H. and V. R. Ellis et al, \$1,002.

WRITS ISSUED—MANITOBA & N.W.T.

Manitou—R. Parker, \$342; Neepawa—A. McConaghy, \$400.

WRITS ISSUED—BRITISH COLUMBIA.

Windermere—Kimpton & Pitts, \$1,474.

Telegraphic Address: "MUSGRAVE, BOLTON."

Manchester Exchange, Tuesday and Friday, Pillar No. 14.

ESTABLISHED 1839.

Registered.

John Musgrave & Sons,

LIMITED.

GLOBE IRON WORKS,

Sole Agents for India,

SORABJEE SHAPURJEE & Co.,
KHETWADY, BOMBAY.

BOLTON,
ENGLAND.

—Grand Trunk Railway System —
Earnings 22nd to 30th September, 1901,
\$794,947; 1900, \$720,917; increase, \$74,030,

Two assignments are reported, both small, E. S. Belasco, tobacconist, Montreal, and G. E. St. Cyr, furniture dealer, Ste. Cunegonde.

—The gross earnings of the Montreal Street Railway Company for the year ending August 31st last are shown to be some \$200,000 over those of the year previous.

—Quotations on printers' leads and slugs, received from the firm of Messrs. Taylor & Watkinson, Leeds, Eng., prominent manufacturers of these and other supplies for printers' use, whose advertisement appears on another page, show a reduction of $2\frac{1}{2}$ c per lb., laid down in Montreal, from the net price of either Canadian or American manufacture.

—At the annual meeting of the Lake of the Woods Milling Company, Ltd., held in this city on the 2nd instant, the annual report for the year was submitted to the shareholders, and was found to be satisfactory. A dividend of ten per cent. was declared on the paid up capital for the year ending August 31st, 1901. The following were elected directors for the ensuing year: Messrs. Robert Meighen, W. A. Hastings, R. B. Angus, R. G. Reid, F. S. Meighen, of Montreal; John Mather, of Ottawa; and G. V. Hastings, of Winnipeg. At a subsequent meeting of the directors, Mr. Robt. Meighen was elected President and Managing Director, and Mr. W. A. Hastings, Vice-President, and General Manager.

FINANCIAL.

Montreal, Thursday Ev'g,
3rd Oct., 1901.

The annual report of the C.P.R., presented yesterday at the meeting in this city shows the company to be

contemplating large extensions of its services. Bonds for \$2,400,000, at 5 per cent., running 20 years, are to be issued to acquire more steamers, and debenture stock on a basis of \$15,000 per mile for branch lines, in which the interest will be 4 per cent. Land bonds for \$428,500 were cancelled last year, and the sales this year are 75 per cent. in excess of same period in 1900. The company will place \$250,000 in a pension fund for employees, to which they will not contribute. The C.P.R. has had an invaluable advertisement in the trip over it of the Royal party, the services having been conducted most successfully. The amalgamations of the Phoenix and Atlas insurance companies, the transference of the life business of the latter to the Pelican, and the absorption of the old Quebec by the London and Lancashire Fire make a record week for such movements, involving as they do the transfer of assets amounting to about \$22,000,000. The annual report of the New York Clearing House states the total clearings for year as \$77,020,672,493, which exceeds 1900 by 25 billions. The total balances of the year were \$3,515,037,741, of which \$3,509,869,000 was paid in gold, and balance of \$5,168,741 in notes. The scarcity of commercial bills caused sterling exchange in New York to advance yesterday, sales of stock for London and the October settlement calling for remittances for which the supply was short. The show of profits by Steel Trust had no effect on the market, the public trust not being overdone. Consols, 93 5-16, which seems probably to be their lowest notch. Catching Boers is expensive sport, and until all the game is bagged Consols will not advance — then they will jump several points, though the price of money must keep them low for a length of time. German Consols with interest at $3\frac{1}{2}$ per cent. are just at par and the 3's, at $90\frac{1}{4}$. A nasty scandal has arisen in New York over a deal connected with the Metals Selling Company, and another concern, out

of which a trial arose that exposed the "behind the scenes" tricks of trust company manipulators. The deal is styled a "hold up" of the shareholders by our N.Y. namesake, and this term means a swindle. The contract of the Royal Electric to supply the city with lights at \$60 per lamp for 5 years has been passed. This will save the city a large sum yearly, which, however, is likely to be distributed over the private consumers in the shape of higher rates, so the gain of the public will probably be at the expense of the users of electricity for light or power.

The stock market here is lifeless, the yacht race seems to absorb the attention of operators and brokers alike. Canadian Pacific is offered at $109\frac{1}{2}$; small sales at $109\frac{3}{4}$ and 110; Montreal St., a few sales at 279 to 280; Montreal Power, $95\frac{5}{8}$ to 96; Dominion Coal, common, $44\frac{1}{2}$ to $44\frac{3}{4}$; Twin City, $100\frac{1}{4}$ to $100\frac{1}{2}$; Dominion Steel, prefd, $75\frac{1}{2}$ to 76; Bonds, 77. Bank quotations, Montreal, 257; Toronto, sales, $234\frac{1}{2}$; Merchants, $152\frac{1}{2}$; Commerce, $156\frac{1}{2}$; Hochelaga, $145\frac{1}{2}$; Molsons, 201; Ontario, 122; Hamilton,

El Padre Needles

10 Cents.

VARSAITY,

5 Cents.

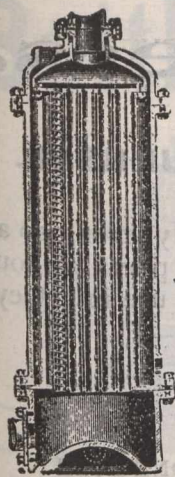
The Best

~ CIGARS ~

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

Made and Guaranteed by

S. DAVIS & SONS,
MONTREAL, Que.



The "Airedale" Exhaust Steam

Special prices to Canadians under the New Tariff.

Green's Patent.

Pressure Feed Water Heater.

WITH SPIRAL DEFLECTORS.

THE MOST EFFICIENT HEATER ON THE MARKET.

WILL PAY FOR ITSELF IN TWELVE MONTHS.

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

JOHN BARRETT, Eastburn Foundry Crosshills,

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

KEIGHLEY, England.

WANTED AGENT

To represent in Canada a large Scottish Distillery. One of their brands is already well known in Montreal

Address: "MALT," Post Office Box 576, Montreal.

sales, 223½; Imperial, 232. The sales were all trifling. Speculation is going on based on uncertainty as to whether the St. Railway will issue bonds or stock for one million to pay for the Park and Island deal. Bonds seem most favoured. Paris, exchange on London, 25f. 7½c. Berlin, 20m. 39pf. New York, call loans, 3 to 4; good paper, 4½ to 5. Local starting exchange, 60s, 9 to 9½; demand, 9½ to 9½. Call money, 4½ to 5 per cent.; trade paper, no change.

The following is a comparative table of stocks for week ending Oct. 3rd, supplied by Chas. Meredith & Co., Stock Brokers, Montreal:—

Banks.	Shares sold.	Highst.	Lowst.	Average same date 1900.
Montreal	59	260	257	.....
Molsons	2	203	203	.....
Toronto	2	235	235	.....
Merchants	25	153	152½	.....
Commerce	19	156½	156½	.....
Hoehelaga	38	145½	145	.....
Miscellaneous.				
Can. Pac. xd . . . . .	.1460	110½	109¼	86½
Duluth, S.S. com 100	117½	117½	117½	4½
Do. pfd.	75	20¼	20	12
Montreal St. . . . .	.4554	282	276	270

Do. New	350	280¼	277¾	261
Toronto St.	1060	1147½	113¾	103½
Halifax St.	30	99½	98¾	93
Twin City	928	102	100¼	60¾
Montreal Power.1869	97	95½	.....	.....
Rich. & Ont. Nav. 760	117	113	107½	.....
Montreal Tel. xd 15	172¾	172¾	163	.....
Bell Teleph'e xd 48	175	173	169	.....
Montreal Cotton. 302	130	120	135	.....
Dom. Cotton	250	86	85	93
Merchants Cot.	50	109½	109½	125
Payne	1000	16	16	92
Mont. & Lond. .3200	3	3	10	.....
Virtue.	34500	25	18	50
Dom. Coal. com .4020	44¾	44	38	.....
Do. pref.	125	118	117¼	111
Dom. I. & S. com 25	20¼	20¼	.....	.....
Do. pfd.	205	76	72½	.....
Nat. Salt. Com. 25	37	37	.....	.....
City 4 p.c. bds.	500	104	104	.....
Can. Col. Cot. bd 200	98	98	99	.....
Dom. I. & S. bds17000	77	77	.....	.....

The export dairy produce trade is slack, on a decline in both cheese and butter. In hardware a slight advance in cut nails is the only feature beyond an active trade. Dry goods payments on the 4th (to-morrow) are expected to be satisfactory in consequence of generally favorable country conditions.

BUTTER.—There was considerable less doing in the market the past week and prices are showing an easier tendency all around. Finest creamery is offering at ½c lb. under last quotations, 20½c to 21c being the highest that can be made; and then only very choicest qualities are being called for. Grades under finest are neglected, there being no demand to speak of. In dairy butter there continues to be a good business passing for choice grades, Townships command 19c to 20c; Western, 17c to 18c. Held goods, off in flavor, are slow and quoted at 15c to 16c. Receipts are large, stocks are accumulating, and the market is closing weak with a lower range of prices looked for.

CEMENTS.—With the end of the season approaching trade is narrowing down accordingly, transactions being confined to jobbing lots, which, however, are being sought freely. Quotations remain unchanged. Arrivals for week ending 1st inst., were 125,820 fire bricks and 1,050 barrels English cement.

CHEESE.—The market is reported as decidedly heavy with offerings large and demand light. Export orders are coming in very sparingly and prices are quoted ¼c to ½c lower. Finest Western is worth 9½c to 9¾c, with Eastern being quoted at 9c to 9½c.

DRY GOODS.—To-morrow is the 4th of October and the trade are speculating as to how the paper maturing on that date will be met. Of late remittances have been poor, partly because retailers have been husbanding their resources and partly because the threshing has prevented farmers coming in to buy. The cooler weather has brightened trade in many lines and travellers out on the road

MONTREAL CLEARING HOUSE.

	Clearings.	Balances.
Total for week ending Oct. 3, '01	\$17,457,209	\$2,306,363
Corresponding week, 1900	14,510,953	2,111,797
" 1899	17,308,396	2,722,637
" 1898	18,453,523	3,880,073

BRAZILIAN EXCHANGE.

For week ending Oct. 1st, 1901.	
Sept. 25	11 11-32d
26	11 7-16d
27	11 7-16d
28	11¾d
30 . . . . .	.....
Oct. 1	11 9-16d

MONTREAL WHOLESALE MARKETS.

Thursday, Oct. 3, 1901.

In a review of the week there are not many changes in values to record. The fall trade in seasonable commodities is showing a briskness fully up to the expectations which found their origin in good crops and fair prices.

EXTRACT of INDIGO. REDUCED INDIGO.

J. W. EASTBURN,

Raglan Chemical Works:

HALIFAX, ENGLAND.

Special prices to Canadians under the new Canadian Tariff.

Bray's Gas Burners.

BRAY'S "RAILWAY CARRIAGE" BURNERS.



These Burners are specially made for use in the Lighting of Railway Carriages.

SIZES—Union Jets, 0000, 000, 00.

BRAY'S "GEYSER" BURNERS.



These Burners are specially strong so as to take the grip of the pliers without injuring the tips. For use in "Geysers" and the like.

SIZES—Union Jets, 00 to 7.

BRAY'S ACETYLENE BURNERS.

UNION-JET.

UNION-JET "CEETEE."

RATSTAIL OR ONE HOLE.



SIZES—00000, 0000, 000.



SIZES— $\frac{3}{4}$ foot, $\frac{1}{2}$ foot.



SIZES—00000000 to 000.

GEO. BRAY & CO., GAS BURNER MANUFACTURERS, Bagby Works, Leeds, Eng

report very satisfactory orders. The rise in fine wools at the London sales has stiffened figures for imported dress goods but the question of price is not having much of an effect on buyers, notwithstanding reports of an upward tendency in the majority of lines. This state of affairs does not seem to be worrying buyers very much, and in many instances they are willing to take the risk of higher prices in the future. At present, however, substantially old prices are obtainable on the majority of lines, and notwithstanding reports to the contrary, jobbers continue to offer the same prices which prevailed at the beginning of the season.

Eggs.—Fine fresh boiling stock is in light supply and brings higher prices, 17c to 18c being offered freely. Held lots are plentiful and in excess of requirements, with an easier tendency to prices. Quotations are 13c to 15c. No. 2 stock is also plentiful and offering at 10c to 12c. Beyond a select grade furnished privately to limited custom in Montreal at 50c to 60c per doz., retail stores quote two grades over the counter. Best, they sell at 22c to 24c doz.; and inferior at 4c to 15c.

FLOUR AND FEED.—The demand for all kinds of feed is exceptionally heavy, millers simply doing their utmost to fill orders and partially succeeding. Prices show no advance. The flour market has not changed from last week's conditions. Prices hold steady and there is a good demand from all quarters. We quote. Flour, winter wheat patents, \$3.65@ \$3.90; Manitoba patents, \$4.10@ \$4.20; straight roller, \$3.40@ \$3.50; do. bags, \$1.65@ \$1.75; strong bakers, \$3.90; rolled oats, \$4.30@ \$4.40; Corn meal,

bag, \$1.30; bran, bulk, \$15@ \$16; shorts, moullie, \$22@ \$25. The local hay market is firm owing to good demand for local and export trade. We quote: New crop, No. 1 hay, \$9 to \$9.50; No. 2, \$8 to \$8.50; and No. 3, \$6.50 to \$7.50 per ton, in car lots.

GREEN FRUITS.—The recent heavy wind storms did much damage to the winter apples in several sections, which has further tended to decrease the available supply. Otherwise the situation has not changed from previous report. Some dealers say they are securing plenty apples in this province at \$2.50 per barrel, but these must be beyond general knowledge of buyers. Quotations are: Canadian apples, 25c to 35c per basket; do. barrels, \$2.00 to \$3.50; Cal. late Val oranges, \$4.50 to \$5; Jamaica oranges, \$5.75 bbl.; lemons, 360s, \$2.75; do. 300, \$3.75 to \$4.50; bananas, 8-hands, \$1.00 to \$1.35; No. 1, \$1.50 to \$1.75; extras, \$2.00; limes, per 100, \$1.50; new figs, mats, 3½c per lb.; do. boxes, 8c to 12c per lb.; new dates, 4c per lb.; nuts, Pecans, extra large, 14c do.; do. large, 12½c; walnuts, 12c; filberts, 12c; French chestnuts, 10c per bl.; cocoanuts, \$3.25; California plums, \$1.15 to \$1.50 per box; Canadian do., per basket, 35c to 45c; Cal. peaches, \$1; Can. do., 90c to \$1.10; do. pears, Bartletts, \$3.50 to \$4.25; baskets do., Can., 35c; onions, \$3 per crate; Egyptian onions, 2c lb.; Canadian brls., \$2.25; egg plant, 25c basket; Can. tomatoes, 20c to 22c per box; Canadian grapes, Champions, 15c to 20c per small basket; Tokay grapes, \$3.25 per box; pears, per bbl., \$3; boxes Can. Bartletts, \$1.65; brls. sweet potatoes, \$2.75 to \$3.00; watermelons, 15c each; musk melons, 15c to 25c; small crates, Spanish onions, 80c; Cape Cod cranberries, \$7.50 per bbl.

GREEN HIDES.—Beef hides are steady at 8c, 7c and 6c for Nos. 1, 2 and 3. Lambskins have been advanced to 50c. The tone of the market is considerably better. The New York market showed but light business, though tanners were free buyers whenever business could be closed at inside figures. The Chicago market was firmer. Native steers were held by one firm at 13½c. There was a good demand but the extreme prices at which supplies were held prevented many purchases.

GROCERIES.—Sugars have declined. The continued lower quotations for raw sugar coupled with a shortage in consumption caused by the high price and scarcity of most kinds of summer fruit have shown this to be expected for some time; the only point against it being that refiners have been working on small margins of late and would not be adverse to better profits were they available. Granulated, best grades, are now quoted at \$4.30, and yellows, \$3.45 to \$4.20, as to quality. Powdered, cut loaf, etc., are subject to the same decline. London cable advices on raw sugar reported a steady market for beet; October delivery was unchanged at 7s 6¾d; November delivery was quoted at 7s 7¼d; cane was dull and unchanged. In the New York market there was a slightly better undertone and a slight advance was established in the price for muscovados. Refiners appeared to be paying increased attention to this grade, and with but limited offerings paid 1-16c advance to obtain supplies. Purchases included 7240 bags Cuba centrifugals, 96 degrees test, from store, at 3¾c; 500 tons Porto Rico muscovado, 89 degrees test do., at 3 5-16c; 300 tons do. to arrive at 3¼c ex-ship, and 537 bags Ja-

Bottle Washing Machinery

OUR NEW PATTERN "KINGSTON."

No. 2

22-dozen Half-pint Beers.

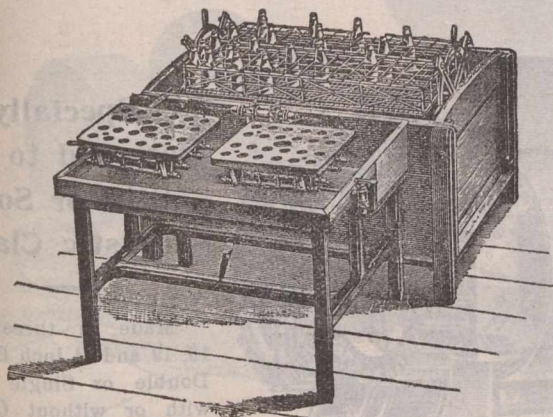
Fitted with Revolving Rinsers as shewn,

£27

with Bottle Sinker.

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

Machines from £10 to £40.



Original Inventor and Patentee.

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

Special estimates to Canadians under the New Tariff.

STOCKS AND BONDS.

NAME.	Par Val's.	Capital Subscribed.	Capital paid-up.	Rest.	Div. last 6 Ms	Dates of Dividends.	Per Cent. Price Oct 3 (Bid)	Cash value per £.
British North Am.	243	4,866,666	4,866,666	1,703,833	3	Apl. Oct	122½	29767½
Can. Bank of Commerce	50	8,000,000	8,000,000	2,000,000	3½	June Dec	147	78 50
Commercial, Windsor ..	40	500,000	350,000	60,000	3	.....	105	42 00
Dominion	50	2,500,000	2,500,000	2,500,000	2½	May	244	122 0
Eastern Townships.	50	2,000,000	1,742,535	1,050,000	3½	Jan July	150	75 00
Halifax Banking Co	20	600,000	600,000	475,000	3½	Feb. Aug	158	79 00
Hamilton	20	2,000,000	1,995,750	1,500,000	5	June Dec	204½	204 50
Hechelaga	100	1,500,000	1,500,000	750,000	3½	June Dec	152	152 00
Imperial	100	2,500,000	2,500,000	1,850,000	5	June Dec	229	229 00
Merchants' Can.	100	6,000,000	6,000,000	2,800,000	3½	June Dec	152	152 00
Molsons	50	2,500,000	2,500,000	2,050,000	4	April Oct	201	100 50
Montreal	200	12,000,000	12,000,000	7,000,000	5	June Dec	257	514 00
Nationale	30	1,200,000	1,200,000	275,000	3	May Nov	95	28 50
New Brunswick	100	500,000	506,99	700,000	6	Jan July	300	300 00
Nova Scotia	100	2,000,000	2,000,000	1,582,840	4½	Feb. Aug.	232	232 00
Ontario	100	1,500,000	1,290,080	350,000	2½	June Dec	122	122 00
Ottawa	100	1,994,900	1,993,330	1,660,74	4 & 1	June Dec	205	205 00
People's of N. B.	150	180,000	180,000	165,000	4	June Dec	250	375 00
Provincial	25	873,487	781,248	700,000	3	June Dec	155	155 00
Quebec	100	2,500,000	2,500,000	1,700,000	3½	Feb. Aug	175	175 00
Royal	100	2,000,000	2,000,000	1,700,000	3½	April Oct	.....	.....
St. Stephen's	100	200,000	200,000	45,000	2½	April Oct	232	116 00
Standard	50	1,000,000	1,000,000	750,000	5	June Dec	232	232 00
Toronto	100	2,340,000	2,340,000	2,340,000	5	June Dec	112½	112 25
Traders	100	1,350,100	1,344,420	250,000	3	June Dec	150	75 00
Union (Halifax)	50	800,000	930,000	505,608	3½	Mch Sept	.....	.....
Union of Canada	100	2,000,000	2,000,000	550,000	3	June Dec	.....	.....
Western	100	500,000	401,239	134,000	3½	Apl Oct	.....	.....
Agri. Sav. and Loan Co	50	630,200	630,200	192,000	3	Jan July	172½	172 50
Bell Telephone Co	100	5,000,000	5,000,000	800,000	4½	Jan July	128	128 00
Brit. Can. Loan & Inv. Co.	100	1,987,900	398,481	120,000	2½	Jan July	128	128 00
Brit. Mortg. Loan Co.	100	450,000	389,214	130,000	3	Jan *	65	65 00
Can. Colored Cot. Mills Co.	100	2,700,000	2,700,000	350,000	3	Jan July	90	90 00
Can. Landed & Nat'l Inv't Co	100	2,008,000	1,004,000	1,490,057	3	Jan July	115	57 50
Can. Sav. & W. Can. M. Corp'n.	10	5,951,350	5,951,350	250,000	3½	Jan July	114	57 00
Can. Sav. & Loan Co.	50 & 7½	750,000	750,000	450,000	1½	Jan July	136	136 00
Centre! Can. Loan & Sav. Co	100	2,500,000	1,250,000	30,000	2	Jan July	72	86 00
Dominion Sav. and Inv. Co.	50	1,000,000	984,200	.....	1½	Jan *	124	62 00
Dominion Telegraph Co	50	1,000,000	1,000,000	.....	6	Mar *	77½	77 50
Dominion Cotton Mills Co.	100	3,333,600	3,333,600	.....	3	Jan July	112	112 00
Hamilton Prov. and Loan	100	1,500,000	1,100,000	356,752	3	Jan July	135	135 00
Home Sav. and Loan Co	10	2,000,000	200,000	200,000	3½	Jan July	179	89 00
Huron & Erie Loan & Sav. Co	50	3,000,000	1,400,000	890,000	4½	Jan July	70	70 00
Imperial Loan and Inv. Co.	100	732,724	720,647	175,000	3	Jan July	111	111 00
Landed Banking and Loan	100	700,000	700,000	210,000	3	Jan July	68	34 00
Land. & Can. Loan and Ag.	50	1,000,000	877,287	87,500	3	Jan July	110	50 00
London Loan Co.	50	679,700	678,350	160,000	3	Jan July	55	55 00
Manitoba & North-W. Ln Co	100	1,500,000	375,000	50,000	.....	Jan	171	68 40
Montreal Telegraph Co.	40	2,000,000	2,000,000	.....	2	Jan	241	96 50
Montreal Gas Co	40	3,000,000	2,968,640	.....	5	April Oct	278	139 00
Montreal Street Ry. Co.	50	5,000,000	4,500,000	560,318	2½	Feb. *	119	119 00
Montreal Cotton Co.	100	1,400,000	1,400,000	600,000	4	Mch. *	108	168 00
Merchants Cot. Co.	100	1,250,000	1,250,000	380,000	3½ &	Feb. Mch	137½	34 37
Montreal Loan and Mortg.	25	500,000	500,000	150,000	3	Jan July	121½	60 75
Ont. Indus. Loan and Inv.	100	466,800	314,386	535,000	3	Jan July	24	12 00
Ont. Loan and Deb. Co.	50	2,000,000	1,200,000	50,000	2	Jan July	70	35 00
People's Loan and Dep. Co.	50	600,000	600,000	162,315	3	Jan May	114	114 00
Real Est. Loan Co.	40	373,120	373,720	320,155	.....	Jan. *	240½	240 50
Richelieu and Ont. Nav. Co	100	2,088,000	2,188,000	.....	.....	Jan. *	136	136 00
The Royal Electric Co	100	2,250,000	2,250,000	250,000	2½	Jan. *	76½	76 50
Toronto Electric Light Co.	100	2,000,000	2,000,000	.....	.....	Jan. *	108	108 00
Toronto Mortgage Co.	50	1,445,880	724,540	.....	.....	Jan. *	112½	112 50
Toronto Street Railway	100	6,000,000	6,000,000	.....	.....	Jan. *	.....	.....
Windsor Hotel .....	.....	.....	.....	.....	.....	.....	.....	.....

* Paying quarterly dividends.

maica do. from store, at 3 5-16c. Later additional sales were made of 11,784 bags Brazil muscovado, 84 deg. test, at 2¾c. At the close it was stated that refiners had supplied their wants of muscovado, and that 3¼c was the best bid obtainable. Quotations on new Valencia raisins for November delivery, per steamer Bellona, which left Denia on Monday last, were received in Montreal this morning, and show a fraction under quotations for October delivery of 5½c to 7c, as given last week. New currants are arriving and sell at 5½c to 7c, as to kind. A London circular date 20th ult., says of Indian and Ceylon teas: The marked expansion which has been quietly going on for several months in the re-export of Indian and Ceylon tea from the United Kingdom has perhaps been hardly sufficient appreciated. The following are figures from Jan. 1 to the end of August:

	1901.	1900.	1899.
Indian	8,422,618	5,093,465	4,213,753
Ceylon	11,871,757	8,946,997	7,553,903

20 294,375 14,040,462 11,767,656
 Indian—The better tone noticed last week has been further accentuated, while some improvement in prices was recorded for medium and better liquoring teas, common being also a trifle firmer. This improvement was especially noticeable in Assam growths, some of which were very attractive. The official wire gives exports to the United Kingdom for the first half of September, including 1,180,000 pounds from Chittagong, as 10,910,000 pounds, against 9,140,000 pounds for the same period last year, making the total from April 1 to Sept. 15 60,919,330 pounds, against 64,980,000 pounds last year.

IRON AND HARDWARE.—The market is strong in all lines and rumours of advances are current. A rise of 10 cents was expected in bar iron this week; but it did not materialize although rolling mill men's ideas are every firm. Coil chain is scarce. So

Johnson & Tucker

Wilmington,
Hull, England.

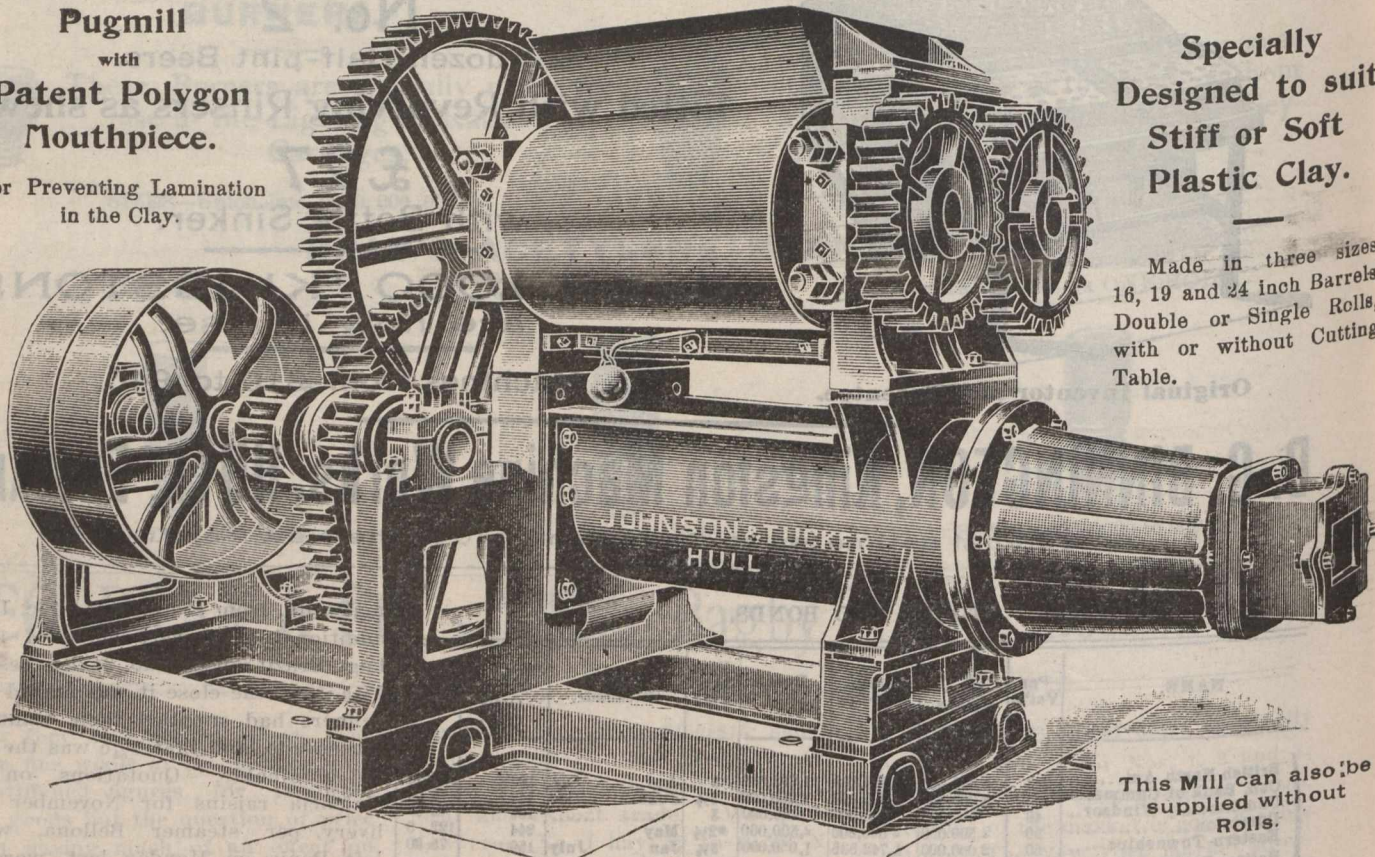
(Late SHEPHERD, HILL & Co.,

Specially
Designed to suit
Stiff or Soft
Plastic Clay.

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

Pugmill
with
Patent Polygon
Mouthpiece.

For Preventing Lamination
in the Clay.



This Mill can also be
supplied without
Rolls.

are Canada plates, the few arrivals having been quickly absorbed. Coke tins in lighter weights are practically unobtainable. Pig lead is scarce, and large orders could not be filled in this market. Terne plates are easier with the approaching ending of the building season. Ingot tin has eased off a little also and sells at 28 to 29 cents. The other lines are unchanged. We quote: Cut nails, base price, \$2.55 per keg; in car lots, \$2.45; with the usual extras; coil chain, \$3.60 for inch and upwards as to size; galvanized iron, Queen's head or equal, 28 gauge, \$4.50 to \$4.75; Comet, \$4.25 to \$4.50; bar iron, \$1.85 to \$1.90; hoop iron, base, \$2.90; Canadian band iron, 1 to 6 inch, 30 cents, with usual extras; Canada plates, ordinary, \$2.75 to \$2.85; full polish, \$3.75; black iron pipe, \$2.72 to \$10.40, as to size; cast steel base, 8c; tire steel, base \$2.10; sleigh shoe steel, base \$2; machinery steel, base \$2.75; tin plates, I.C. Coke, \$4.50; I.C. charcoal, \$4.75; terne plates, 18 to \$8.25; tinned sheets, Lion and Crown, \$7.50 to \$7.75; black sheet iron, \$2.50 to \$2.85, as to gauge; plain iron and steel wire, \$2.80 base; barbed wire, \$3.05 f.o.b. Montreal; pig lead, \$3.35 to \$3.30; shot, less, 17½ p.c., \$86.50; lead pipe, \$7, less 30 p.c.; plain galvanized wire, \$2.85 to \$4.85 as to number; horse shoes, \$3.50 to \$3.75.

LEATHER & SHOES.—The situation in leather is one of considerable firmness. Hides are up, stocks are light and shipping abroad continues steadily and free. The one thing lacking

is local trade which persists in making but slow headway. Shoe manufacturers are anticipating extra trade for the spring and are working in that direction. They report trade in general as very good with the cash movement and short time purchases more to their liking.

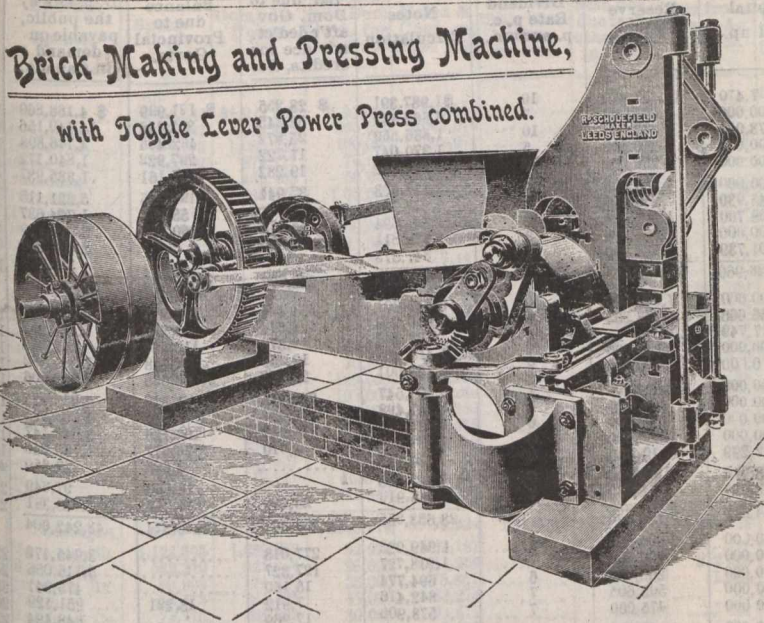
OILS, CHEMICALS, ETC. — The past week has been devoid of special interest, beyond the regular routine made somewhat easier by less business. Turpentine is steady at 53c to 54c. Linseed oils are rather quiet at 78c to 79c for raw and 81c to 82c for boiled. In dyestuffs gambier is reported very firm, with stocks at primary markets very light. Indigo is unchanged. The outturn of vegetable indigo this year will be very much short of what it was last season, and it is not improbable that prices will rule proportionately higher, though it is too early yet to speculate with anything like exactness.

PROVISIONS. — Notwithstanding the recent advance in values in mess pork the market rules very firm through light supplies and little prospects of increase because of good general demand which is more likely to further reduce stocks at present ratio. Hams and bacon are steady at former quotations. We quote as follows:—Heavy Canadian short cut mess pork, \$21.50 to \$22; short cut mess pork, \$21.50 to \$22; selected heavy short cut mess pork, boneless, \$23 to \$23.50;

family short cut clear pork, \$21 to \$21.50; pure Canadian lard, in 375-lb. tierces, 11 1-2c; parchment lined, 50-lb. boxes, 11 3-4c; parchment lined pails, 20-lb., 12c; tin pails, 11 3-4c; tins, 3, 5, and 10 lbs., 12c to 12 1-4c; compound refined lard, in 575-lb. tierces, 7 3-4c; parchment lined, wood pails, 20-lb., 8 1-4c; tin pails, 20-lb., 8c; hams, 13 1-2c to 14 1-2c; and bacon, 14c to 15c per lb. Liverpool, Oct. 2.—Lard, American refined in pails, quiet, 50s 3d; bacon, Cumberland cut, dull, 50s; short ribs, quiet, 50s 6d; clear bellies, quiet, 58s 6d. Tallow, prime city strong, 29s; Australian in London, firm, 30s 3d. Chicago, 2.—Provisions closed from 12½c to 32½c down. Futures were: Mess pork, per barrel, October, \$14.25; January, \$15.52½; May, \$15.67½. Lard, per hundred pounds, October, \$9.80; November, \$9.60; January, \$9.17½; short ribs, per hundred pounds, October, \$8.50; January, \$8.00; May, \$8.05. Cash prices. Mess pork, barrel, \$14.30 to \$14.35; lard, 100 lbs., \$9.80 to \$9.90; short ribs, sides, loose, \$3.50 to \$8.70; dry salted shoulders, boxed, 7¼c to 7¾c; short clear sides, boxed, \$9.30 to \$9.40.

WOOL.—Forced along by the current of affairs at the London auctions, prices here have hardened and manufacturers are becoming more liberal buyers while yet their offerings are taken up. Cape, greasy is quoted at 14c to 16c; Natal, 17c to 17½c; B.A. scoured, 27c to 35c, Canadian washed fleece, 12½c to 13c.

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



Established 1868.

Telegraphic Address: "Brick, Leeds."

Brick-making & Grinding Machinery

Manufactured
by

Richard Scholefield,

ENGINEER . . .

Burley Vale Mills

Kirkstall Road, LEEDS, Eng.

OPINIONS OF TOURISTS.

The very heavy tourist traffic, as well as the thousands of people who have visited the Buffalo Exposition this year, over the lines of the Grand Trunk Railway System has naturally brought forth several very favorable criticisms regarding the management, equipment, and general excellence of

this railway. The General Officers are continually in receipt of letters from travellers praising the facilities that the Grand Trunk now offer on all their lines. Passengers, as a rule, are not in the habit of informing railroad companies of the satisfactory features in connection with their service, and unsolicited testimonials are therefore appreciated.

The following letter from a prominent broker of New York city has just been received at the general offices of the Grand Trunk in Montreal:—

"In July and August, in company with four others, I greatly enjoyed a trip over your road from Toronto to Portland. Aside from the charms of the region through which we travelled, our pleasure was very much enhanced by the uniform courtesy and kind attention shown us by the employees of your road, and especially those on the morning train from Toronto to Portland. Our experience was so delightful that I have persuaded several of my friends to take the same trip.

"The only object of these lines is to recognize merit where it is due."

Everywhere the Grand Trunk is known, nothing but high encomiums of praise are heard from those who patronize this up-to-date system.

—The carpenters' strike at Winnipeg, started in July last, has been temporarily settled.

—The following complete weekly list of patents granted to Canadians is furnished by Messrs, Fetherstonhaugh & Co., patent solicitors, Canada Life Building: Canadian patents—J. A. Craig, drill chucks; J. W. Hunter, drill molds and their products; C. T. Godard, railway trucks for removing baggage from baggage car to baggage room without injury; W. Eacrett, evaporating apparatus; A. Gosselin, evaporating apparatus; C. Roberg, evaporating apparatus; W. V. Milton, awls for lacing leather and rubber belts; G. H. Cove, propellers; N. Poirier, evaporators; G. A. Burdick, and

THE CANADIAN . . .

JOURNAL of COMMERCE

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

171 ST. JAMES STREET,
MONTREAL.

Telegraphic Address:
"HASTE, BRAMLEY, LEEDS."

Haste & Brown,

Hough End Tannery,

BRAMLEY, LEEDS, - Eng.

—Tanners, Curriers,—
Enamellers & Japanners.

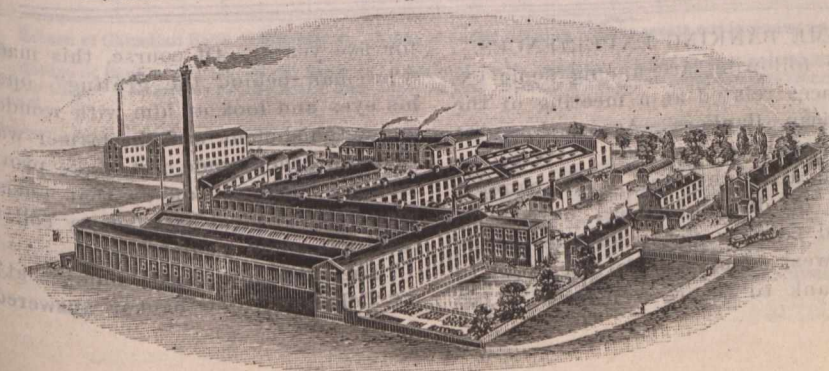
Russet Lining Bellies and Shoulders, of Light Sub'sance, Soft, Bright and Dry Finish.

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

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



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



LIABILITIES.		Capital	Capital	Capital	Reserve	Dividend	Notes	Bal. due to	Balance	Deposits by
Bank Statement to Govt.		Authorized.	Subscribed.	Paid up.	Fund.	Rate p. c.	Circulation	Dom. Gov.	due to	the public,
Month ending Aug. 31, 1901.						p. annum.		adv'ced't.	Provincial	payable on
								credits, &c.	Govts.	demand
										in Canada.
1	Toronto	\$3,000,000	\$2,356,600	\$2,317,470	\$2,317,470	10	\$1,987,391	\$ 28,255	\$ 121,999	\$ 4,168,860
2	Commerce	8,000,000	8,000,000	8,000,000	2,000,000	7	6,662,829	52,345	303,448	14,140,156
3	Dominion	3,000,000	2,501,600	2,473,091	2,473,091	10	1,886,559	25,872	462,406	4,746,898
4	Ontario	1,500,000	1,396,800	1,390,030	350,000	5	1,370,047	17,722	297,922	1,840,172
5	Standard	2,000,000	1,000,000	1,000,000	750,000	10	945,022	19,282	107,161	1,885,937
6	Imperial	2,500,000	2,500,000	2,500,000	1,850,000	10	2,118,680	37,941	199,725	5,221,115
7	Traders	1,500,000	1,350,100	1,345,930	250,000	6	1,277,780	.....	53,907	1,724,637
8	Hamilton	2,000,000	2,000,000	1,998,700	1,500,000	10	1,644,394	15,077	360,758	3,388,129
9	Ottawa	2,000,000	2,000,000	2,000,000	1,665,000	9	1,378,811	26,383	.....	2,438,626
10	Western	1,000,000	500,000	401,739	184,000	7	347,075	.....	.....	316,785
	Total, Ontario	26,500,000	23,603,000	23,426,960	13,289,561	.....	20,118,511	222,877	1,907,326	39,821,313
11	Montreal	12,000,000	12,000,000	12,000,000	7,000,000	10	6,649,601	1,334,434	245,870	19,832,870
12	British North America	4,866,666	4,866,666	4,866,666	1,703,333	6	2,610,026	6,514	8,202	5,448,902
13	Provincial Bk. of Can.	1,000,000	873,437	817,749	Nil.	1 1/2	773,988	19,378	113,594	122,069
14	Hochelaga	2,000,000	1,500,000	1,500,000	750,000	7	1,416,223	19,259	84,718	1,501,362
15	Molson's	2,500,000	2,500,000	2,500,000	2,050,000	8	2,453,001	23,272	63,665	4,213,306
16	Merchants	6,000,000	6,000,000	6,000,000	2,600,000	7	3,593,547	240,215	1,378	4,223,225
17	Nationale	1,200,000	1,200,000	1,200,000	275,000	6	1,181,498	16,952	76,095	1,208,394
18	Quebec	3,000,000	2,500,000	2,500,000	700,000	6	1,834,166	18,917	100,126	3,342,147
19	Union	2,000,000	2,000,000	2,000,000	550,000	6	1,333,558	4,010	576,077	1,736,940
20	St. Jean	1,000,000	500,200	282,299	10,000	6	125,667	.....	.....	29,659
21	St. Hyacinthe	1,000,000	504,600	333,970	75,000	6	293,665	.....	16,666	97,349
22	Eastern Townships	2,000,000	2,000,000	1,743,635	1,050,000	7	1,588,910	25,630	11,317	1,135,281
	Total, Quebec	38,566,666	36,444,953	35,714,319	16,763,333	.....	29,853,855	1,708,581	1,306,324	43,242,004
23	Nova Scotia	2,000,000	2,000,000	2,000,000	2,600,000	9	1,949,023	277,018	.....	3,945,170
24	Royal Bank of Canada	3,000,000	2,000,000	2,000,000	1,700,000	7	1,918,727	127,327	.....	3,115,055
25	People's	800,000	700,000	700,000	260,000	6	694,774	15,160	.....	475,941
26	Union	1,500,000	900,000	900,000	505,605	7	842,476	7,912	13,221	951,129
27	Halifax B. Co.	1,000,000	600,000	600,000	475,000	7	578,900	17,369	.....	648,494
28	Yarmouth	300,000	300,000	300,000	30,000	5	90,644	8,653	.....	63,936
29	Exchange	280,000	280,000	282,906	30,000	5	75,128	.....	.....	62,542
30	Commercial, Windsor	500,000	500,000	550,000	60,000	6	279,227	11,093	.....	424,776
	Total, Nova Scotia	9,380,000	7,280,000	7,112,906	5,660,605	.....	6,428,899	464,532	13,221	9,687,043
31	New Brunswick	500,000	500,000	500,000	700,000	12	459,758	45,538	.....	602,872
32	People's	180,000	180,000	180,000	155,000	8	181,035	10,086	.....	89,316
33	St. Stephen's	200,000	200,000	200,000	45,000	5	111,672	9,276	.....	118,530
	Total, N. B.	880,000	880,000	880,000	900,000	.....	702,466	64,900	.....	810,718
34	Summerside, P.E.I.	48,666	48,666	48,666	24,333	7	22,177	.....	.....	43,169
35	Merchants, P.E.I.	500,000	300,013	300,013	149,996	8	226,402	.....	.....	341,552
	Grand Total	75,375,332	68,556,632	67,482,864	36,787,828	.....	51,353,309	2,460,890	3,226,871	93,945,799

BANKS.		Dep. by public	Deposits	Loans from	Depo. made	Balances	Balances	Other	Total
Liabilities—Continued.		pay, after no-	elsewhere	Banks in	by and	Due other	Due bks or	Liabilities.	Liabilities.
		tice on fix'd	than in	Can. secu'd	Can. in Can.	Bks or ag'ts	ag'ts not in		
		day in Can.	Canada.			in U. K.	Can or U.K		
1	Toronto	\$ 9,320,144	.....	.....	\$ 78,249	.....	\$ 6,344	.....	.....
2	Commerce	29,114,622	\$5,501,024	.....	230,211	\$ 2,951,442	140,349	\$ 845	\$ 15,712,089
3	Dominion	13,688,578	.....	.....	.....	.....	.....	2,662	59,099,099
4	Ontario	5,680,270	.....	.....	.....	413,693	.....	.....	20,810,314
5	Standard	6,612,068	.....	.....	.....	64,619	.....	.....	9,619,328
6	Imperial	10,703,638	.....	.....	.....	16,339	.....	.....	4,600,430
7	Traders	6,202,146	.....	.....	1,801	.....	.....	.....	18,282,824
8	Hamilton	8,179,192	.....	.....	10,388	401,925	4,136	.....	9,674,935
9	Ottawa	7,586,694	.....	.....	9,896	426,938	261	.....	14,024,649
10	Western	1,948,146	.....	.....	4,118	500,625	.....	.....	12,435,259
	Total, Ontario	99,005,498	5,501,024	.....	698	3,758	.....	15,126	2,601,584
	Total, Ontario	99,005,498	5,501,024	.....	351,695	4,763,001	151,090	18,633	171,860,992
11	Montreal	42,489,375	19,242,820	.....	724,072	.....	.....	.....	90,519,044
12	British North America	8,097,807	1,924,479	.....	150,969	.....	46,684	11,567,608	29,451,191
13	Provincial Bk. of Can.	700,381	.....	656,062	.....	.....	.....	1,760	2,387,235
14	D'Hochelaga	5,075,963	.....	.....	1,489	56,569	31,508	88,121	3,575,222
15	Molson's	10,404,887	.....	.....	217,641	.....	.....	.....	17,376,263
16	Merchants	14,124,390	54,346	.....	890,900	439,555	.....	2,403	23,569,963
17	Nationale	3,283,103	.....	.....	24,948	68,857	.....	.....	5,882,850
18	Quebec	4,091,622	.....	.....	196,494	19,267	.....	.....	4,604,741
19	Union	4,604,821	.....	.....	6,089	15,694	.....	.....	8,347,192
20	St. Jean	244,008	.....	.....	.....	.....	1,739	.....	414,939
21	St. Hyacinthe	978,459	.....	.....	.....	.....	.....	.....	1,386,140
22	Eastern Townships	5,137,361	.....	.....	.....	19,192	15,000	.....	7,932,692
	Total, Quebec	99,235,177	21,221,645	656,062	2,211,602	619,134	94,981	11,255,130	206,404,472
23	Nova Scotia	10,803,977	2,037,893	.....	436,468	3,332,528	372,260	4,046	20,158,387
24	Royal Bank of Canada	8,629,410	1,027,452	.....	134,704	.....	184,515	2,194	15,039,688
25	People's	1,687,218	.....	.....	17,737	.....	.....	27,774	2,918,608
26	Union	2,522,615	.....	.....	24,763	658,808	.....	37,418	5,057,845
27	Halifax B. Co.	2,720,025	.....	.....	832	190,987	.....	.....	4,153,345
28	Yarmouth	407,433	.....	.....	990	5,460	.....	.....	577,117
29	Exchange	161,639	.....	.....	.....	.....	.....	.....	300,842
30	Commercial, Windsor	491,081	.....	.....	1,098	.....	.....	1,532	1,199,134
	Total, Nova Scotia	27,413,398	3,065,345	.....	516,592	1,187,283	557,075	76,560	49,409,969
31	New Brunswick	1,671,127	.....	.....	19,158	.....	.....	.....	2,798,455
32	People's	245,159	.....	.....	43	.....	.....	.....	475,640
33	St. Stephen's	169,161	.....	.....	.....	.....	.....	.....	408,885
	Total, New Brunswick	2,085,447	.....	.....	19,201	.....	.....	245	3,682,980
34	Summerside, P.E.I.	134,777	.....	.....	30,479	.....	.....	.....	230,603
35	Merchants, P.E.I.	299,961	.....	.....	.....	.....	.....	.....	877,573
	Grand total	228,174,256	29,788,014	656,062	3,129,509	6,569,418	803,096	11,360,226	431,466,589

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

H. J. Burdick, flag canes; T. Bearman, ditching machines; R. L. Baker, men's, women's and children's undergarments and undervests; D. W. Caswell, portable grainery; Y. G. Alexander, paper boxes. American patents—W. H. Bruce, dental articulator; Henry B. Maldaiz, leather working machine; J. McPherson, speculum; J. Paterson, hydraulic air compressor.

SOME BANKING EXPERIENCES.

The following are among some experiences related at a meeting of the American Bankers' Association, at Richmond, Va.

Soon after the war, when banking rates, or discount rates, were high, an old country friend in one of the southwest counties, a farmer, went to the bank to secure a loan of \$1,000

for years. Of course, this made 'the man behind the grating' open his eyes and look at him with wonder and astonishment, and the farmer was told that they could not make provision for such a loan as that unless they had the most satisfactory collateral that could be obtained.

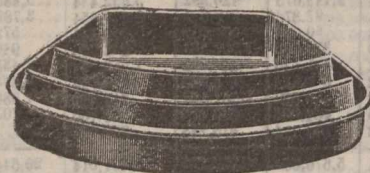
"The old fellow asked, 'Collot what?'
'Collateral,' the banker answered.

BANKS.	Specie	Domini'n Notes	Deposits with Dom Govt. for s'c'rity of note cir.	Notes & Cheq. on other bks	Loans to othr' r bks. in Can. secured	Dep. w/ & bal due from other bks. in Can.	Due from Bks or Ag in U. K.	Bal. due from bks not in Can or UK	Dom and Prov Gov Securitie's	Prov'l or Pub. Sec's not Can.	Railway & other bds deb & stocks	Call Loans on Bonds and Stocks in Can.	Call and short lns. not in Canada.
1 Toronto	\$661,332	\$1,022,662	\$ 95,000	\$ 432,519	.....	7,994	97,203	\$ 661,387	\$ 236,497	\$ 38,154	\$2,963,134	1,979,521	.....
2 Commerce	1,167,007	1,829,895	300,000	2,043,015	.....	172,567	.....	1,504,834	3,143,675	426,392	5,652,434	5,885,665	4,236,800
3 Dominion	851,273	1,080,327	100,000	508,971	.....	181,838	126,408	2,091,584	97,376	717,621	2,496,854	3,789,439	.....
4 Ontario	114,692	274,177	70,000	30,867	.....	71,663	.....	662,904	50,000	191,439	952,136	572,484	.....
5 Standard	191,707	452,053	50,000	204,098	.....	148,006	.....	294,089	373,666	1,507,581	2,136,966	1,930,273	.....
6 Imperial	592,082	1,330,375	105,000	474,561	.....	356,414	397,558	1,446,792	491,435	1,227,082	1,559,062	2,433,727	.....
7 Traders	150,073	396,105	60,000	143,103	.....	200,230	.....	129,832	5,9112	4,938	880,755	2,323,308	.....
8 Hamilton	253,703	771,264	100,000	268,039	.....	131,559	.....	238,360	130,420	1,587,331	214,350	1,980,416	.....
9 Ottawa	341,530	737,702	95,000	238,921	.....	333,847	.....	260,316	644,479	868,160	700,512	.....
10 Western	27,224	20,162	19,817	23,54	.....	504,787	.....	23,713	160,254	415,243	200,163	.....
Total Ont	4,348,723	8,415,321	934,817	4,581,722	.....	2,117,115	621,161	7,533,861	5,676,938	6,738,210	15,481,014	20,644,344	4,296,800
11 Montreal	2,450,069	3,095,515	340,000	1,181,645	.....	15,083	4,414,712	5,946,480	618,714	931,596	4,519,661	3,048,521	2,441,270
12 B. N. A.	883,122	1,398,240	130,078	354,454	.....	21,908	140,145	723,772	537,984	1,625,049	370,472	670,587	.....
13 Royal of Can	4,499	21,607	30,867	15,397	.....	137,004	2,403	14,936	.....	259,183	335,795	.....
14 D'Hochelega	146,879	763,431	70,000	437,828	.....	23,725	30,710	892,794	680,358	390,139	5,000	1,076,054	.....
15 Molsons	345,935	1,013,233	120,000	593,394	.....	150,811	493,755	573,955	324,167	757,102	1,139,279	1,103,420	.....
16 Merchants	492,38	862,956	191,000	806,266	382,246	1,010	.....	2,332	1,305,116	632,420	3,693,298	3,340,156	5,045,70
17 Nationale	81,264	243,307	60,000	303,950	.....	58,182	.....	99,812	35,000	.....	.....	240,020	.....
18 Quebec	257,733	439,050	90,230	402,576	218,816	72,946	.....	308,155	201,060	223,267	552,374	2,087,251	400,000
19 Union	204,002	391,533	81,000	198,418	.....	40,820	.....	88,880	.....	49,777	123,956	599,204	.....
20 St. Jean	7,531	11,907	3,725	7,591	.....	33,405	.....	.....	.....	.....	.....	.....	.....
21 St. Hyacinthe	25,057	79,711	15,337	18,309	.....	102,236	.....	79,074	.....	.....	.....	15,000	.....
22 E. Townships	121,038	147,337	72,047	83,339	.....	679,267	.....	689,852	180,073	249,000	104,512	471,022	.....
Total Que.	5,036,804	8,460,127	1,203,274	4,776,924	604,062	1,335,975	5,071,775	9,446,982	3,932,462	5,098,533	10,747,360	11,604,235	35,256,313
23 Nova Scotia	1,122,605	1,289,752	92,972	939,187	.....	1,287	.....	1,593,793	293,310	922,659	2,228,044	3,248,521	2,102,425
24 Merchants	582,210	921,004	96,000	351,284	.....	114,715	272,948	491,869	39,652	430,073	2,077,616	890,724	585,835
25 People's Bk.	60,999	171,422	35,000	75,851	.....	24,142	11,821	33,127	108,795	.....	1,500,000	111,240	.....
26 Union	86,573	281,625	45,000	83,274	.....	79,690	.....	53,459	639,837	.....	.....	330,251	.....
27 Halifax B. Co	72,970	203,893	30,000	91,412	.....	81,639	.....	51,052	37,416	350,391	.....	.....	.....
28 Yarmouth	27,015	21,640	4,307	14,243	.....	6,447	.....	35,545	39,400	.....	450	.....	.....
29 Exchange	4,437	5,800	3,901	1,800	.....	28,870	.....	60,940	.....	20,000	85,106	.....	.....
30 Com'l W'dsor	32,050	30,346	11,807	15,962	.....	155,286	2,937	44,555	.....	.....	.....	28,522	.....
Total N. S.	1,938,909	2,830,582	318,937	1,544,933	.....	487,506	367,706	2,364,141	1,818,440	1,773,123	5,891,216	4,609,558	2,638,260
31 N. Brunswick	140,344	231,980	25,000	76,000	.....	81,684	.....	400,000	6,120	34,476	87,930	141,466	150,000
32 People's	4,324	11,084	7,500	5,522	.....	68,677	5,699	10,508	38,167	5,100	2,300	.....	.....
33 St. Stephen's	9,069	10,598	7,182	12,157	.....	23,359	159	2,841	.....	.....	.....	.....	.....
Total N. B.	153,637	243,662	39,682	93,679	.....	173,720	18,395	431,358	43,287	39,576	90,230	141,466	150,000
34 Sum'e, P. E. I.	850	4,447	2,538	3,997	.....	5,805	.....	1,132	.....	.....	.....	.....	.....
35 Mcht., P. E. I.	8,174	12,603	9,620	15,662	.....	27,007	.....	5,489	.....	.....	.....	.....	.....
Gr. Total	11,537,097	20,016,693	2,568,918	11,018,915	601,062	4,146,678	6,004,717	19,832,953	11,469,877	13,669,442	32,209,820	36,999,603	42,343,378

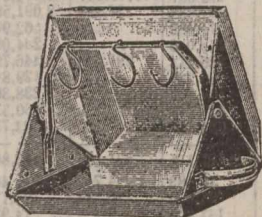
BANKS	Current Loans in Canada	Current Loans elsewhere than Can.	Lo'n's Govt. of Can.	Loans Prov. Govts	Overdue Debts.	R. E. be- sides Bk. premises.	Mortg's on R. E. sold by Bank.	Bank Premises.	Other Assets.	Total Assets.	Liabilit' of Direc- tors & their firms.	Average specie formonth	Average of Dom. Notes dur. month	Greatest amtNotes in circ'u'n dur'w'mth
1 Toronto	\$11,830,092	.....	.....	.....	\$11,468	.....	.....	\$200,600	.....	\$20,626,358	\$213,138	\$661,800	\$1,298,700	\$2,023,500
2 Commerce	32,436,270	7,075,254	.....	925,872	433,442	176,460	156,689	1,000,000	1,024,625	69,705,906	322,747	1,316,000	1,666,000	6,662,829
3 Dominion	13,598,465	.....	.....	.....	37,918	43,977	15,571	42,740	12,275	26,171,649	335,000	854,000	1,196,000	1,890,000
4 Ontario	8,150,403	.....	.....	.....	3,393	30,900	5,500	135,000	.....	11,479,467	69,489	114,800	373,200	1,370,047
5 Standard	6,945,036	.....	.....	.....	11,502	11,023	100,000	.....	3,044	11,446,659	324,112	190,350	521,240	945,022
6 Imperial	12,599,166	.....	.....	.....	38,799	53,284	75,182	380,40	5,266	23,062,148	287,919	586,486	1,340,174	2,152,618
7 Traders	5,848,189	.....	.....	.....	9,188	7,207	.....	149,165	18,040	11,355,351	163,912	152,000	755,933	1,277,780
8 Hamilton	11,610,390	.....	.....	.....	50,018	8,991	34,030	369,264	85,216	17,777,312	297,284	252,200	614,200	1,614,394
9 Ottawa	11,427,816	.....	.....	.....	158,153	9,470	11,097	160,028	.....	16,141,289	138,314	336,659	652,663	1,879,491
10 Western	1,639,390	29,100	.....	.....	12,503	15,179	27,121	12,138	11,510	3,160,103	400	24,809	20,739	354,900
Total Ont.	116,105,216	7,104,354	.....	925,872	821,389	344,570	336,273	2,908,740	1,159,979	211,226,242	2,152,265	4,449,104	8,438,849	23,199,681
11 Montreal	49,193,747	8,622,786	.....	700,000	309,519	42,325	25,000	600,000	6,25,786	111,299,021	5,687,000	2,452,200	3,275,760	6,649,601
12 B. N. A.	1,131,897	6,375,339	.....	17,439	99,792	49,685	.....	581,605	8,783,063	37,697,869	.....	975,479	1,381,775	2,610,026
13 Royal of Can	1,488,490	.....	.....	.....	38,191	24,675	12,106	130,000	187,289	3,222,284	.....	5,321	23,55	802,938
14 D'Hochelega	6,135,118	.....	.....	.....	55,846	30,117	53,969	90,724	10,929,571	124,762	149,638	837,559	1,428,235	1,414,114
15 Molsons	15,168,704	.....	.....	.....	105,233	35,889	39,391	300,000	10,756	22,374,467	260,727	350,405	802,888	2,484,701
16 Merchants	13,566,523	730,093	.....	.....	211,379	24,503	62,371	111,535	140,254	34,309,709	611,346	484,02	848,196	3,593,547
17 Nationale	6,109,514	.....	.....	.....	23,739	7,301	9,133	184,754	35,719	7,495,329	563,266	85,422	253,896	1,190,353
18 Quebec	7,354,544	50,199	.....	.....	62,973	57,796	29,853	220,584	48,407	13,035,785	517,675	2,3,943	663,472	1,834,166
19 Union	8,772,829	.....	.....	.....	26,360	96,729	10,423	13,258	10,100	10,938,350	545,410	200,378	223,149	1,416,923
20 St. Jean	681,612	.....	.....	.....	35,242	.....	8,573	14,170	10,943	71,563	18,800	7,600	12,000	136,672
21 St. Hyacinthe	1,453,528	.....	.....	.....	15,483	13,869	2,900	19,181	56,879	1,837,059	64,625	26,712	33,54	293,665
22 E. Townships	7,533,226	150,000	.....	.....	58,289	23,304	49,403	20,065	43,041	10,860,831	211,124	123,398	153,862	1,590,415
Total Que.	128,540,032	15,928,417	.....	717,439	1,042,137	477,579	279,819	3,290,101	9,992,976	262,841,898	8,644,776	5,125,208	5,503,148	24,031,292
23 Nova Scotia	7,949,333	3,095,056	.....	74,686	48,127	3,620	.....	65,093	10,203	24,987,002	276,392	1,139,511	1,300,22	1,977,734
24 Merchants	10,558,016	873,230	.....	90,584	66,357	975	4,061	60,000	13,512	18,880,521	395,525	545,697	904,324	1,936,000
25 People's Bk.	3,158,241	.....	.....	.....	24,103	15,615	52,003	61,031	2,648	3,946,104	310,458	60,698	146,210	695,039
26 Union	3,729,021	.....	.....	.....	6,548	.....	.....</					

WALKER & HOLROYD, GENERAL STAMPERS, PIERCERS, AND SHEET METAL WORKERS,

Pioneer Works, Thornbury, Bradford, Yorkshire, ENGLAND



Stamped Seamless Ash Pan.



Stamped Seamless Dutch Oven.



Loose or Fast Bottom Cake Moulds.



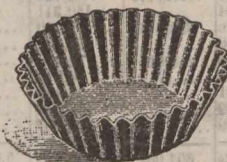
Breakfast Can.



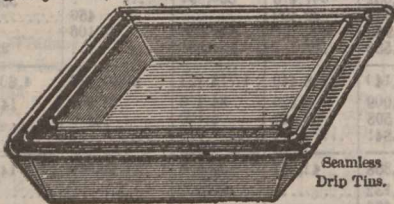
Saucepan with Steamer.



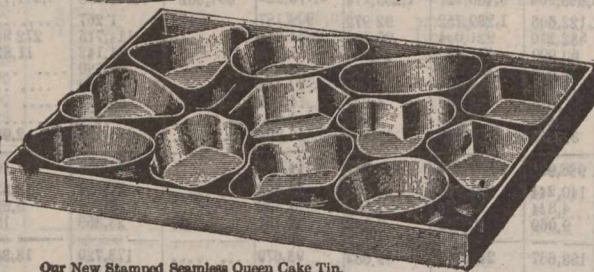
Round Kettle.



Stamped Seamless Bread Tin.



Seamless Drip Tins.



Our New Stamped Seamless Queen Cake Tin.

Special Prices to Canadians under the New Tariff.

in getting his own name upon the paper and his wife's as well, and obtained mortgages on everything he had. He came and dumped his collateral down on the banker's desk. They were satisfactory and the cashier made out his note for him \$1,000 and told him to sign it, which the farmer did. After signing the note he passed it over. Then the cashier counted him out \$287.52. The old farmer ejaculated, 'Come on.'

"No sir," said the cashier, "that is all you can get on a note of \$1,000 for five years at our present rate of discount."

"Dis what?" said the farmer.

"Discount," said the cashier; "that is all you can get."

"What do you mean?" said the farmer.

"Why," said the cashier, "we take off the discount for the first four months and the next four months, and so on, and then at the end of five years your note will only make \$287.52."

"I am glad I did not ask you to lend me that money for ten years," ejaculated the farmer, "or you would have had me in debt, and I would have to pay you something for asking you to lend it to me."

Another story was: — W. W. Woollen, of the banking firm of Woollen, Webb & Co., was the hero of an incident that involved considerable detective acumen. One evening, in an effort to obtain a "trial balance," Mr. Woollen found to his dismay, that his

cash was short \$1,000. Try as he would, he could not locate the missing amount.

The next day he instituted a rigid enquiry among the other persons about the bank in the vain hope that he might obtain some clue that would aid him in locating the money. The messenger boy spoke up promptly when he heard of the loss and said, "I noticed yesterday, when you were cashing a cheque for a fellow that looked like he might be a farmer, that he had a man with him, and when he was counting over his money he chuckled and nudged his companion and then both of them chuckled a good deal."

With this slender clue Mr. Woollen began his investigation. He went carefully over the cheques he had cashed the previous day and came across one that he believed to have been the one in question. Going to the man who drew the cheque, he asked for the residence of the payee. When he secured this information Mr. Woollen approached the farmer and said abruptly: "I came after that \$1,000 bill I paid you by mistake the other day." The man turned red and stammered something about not having any thousand-dollar bill, but Mr. Woollen pressed him so closely that he finally put his hand into his trousers pocket and drew out the bill.

Another story in which a thousand-dollar bill figures prominently involves a citizen whose sensitiveness will not permit the use of his name. This man

was acting as a trustee during the panic of 1893, and had the trust fund on deposit in the Indianapolis National Bank. A day or two before the bank closed its doors the man received a warning that the institution was doomed. He accordingly hastened over to the bank and drew out the money which he held in trust for another.

When he received the money which was in bills, he rolled it up and placed it in his coat pocket, where he carried it for several days. One day Harry C. Adams came into his place of business, and said: "Have you such a thing as a hundred-dollar-bill about you? I need one right away." The man reached in his pocket, pulled out the roll of bills and taking off the top bill handed it to Mr. Adams. "Great heavens!" ejaculated Mr. Adams when he observed that the bill called for \$1,000, "you surely don't carry thousand-dollar bills around loose in your pocket, do you?"

"I have no thousand-dollar bill," retorted the man.

"I'd like to know what you call that," said Mr. Adams, holding up the bill so as to show plainly the figures 1,000 on its face.

The scene changes to the Indianapolis National Bank. The man enters carrying the thousand-dollar bill in his hand. "Did you find any shortage in your cash the other day?" he asked of Cashier Rexford.

"Did I?" exclaimed Mr. Rexford, "well I should say I did. I was short \$900 and I have lost hours of sleep

TAYLOR & WATKINSON,

Patentees and Inventors of

MACHINE-CAST PRINTERS' LEADS,

Clumps and Metal Furniture.

Peter's Yard, Church Lane, Kirkgate,

LEEDS, ENG.

Printers' Leads under the New Canadian Tariff.

BRICK MACHINERY

For Working all kinds of Clay.

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

Double the Strength of any other Machines in the Market.

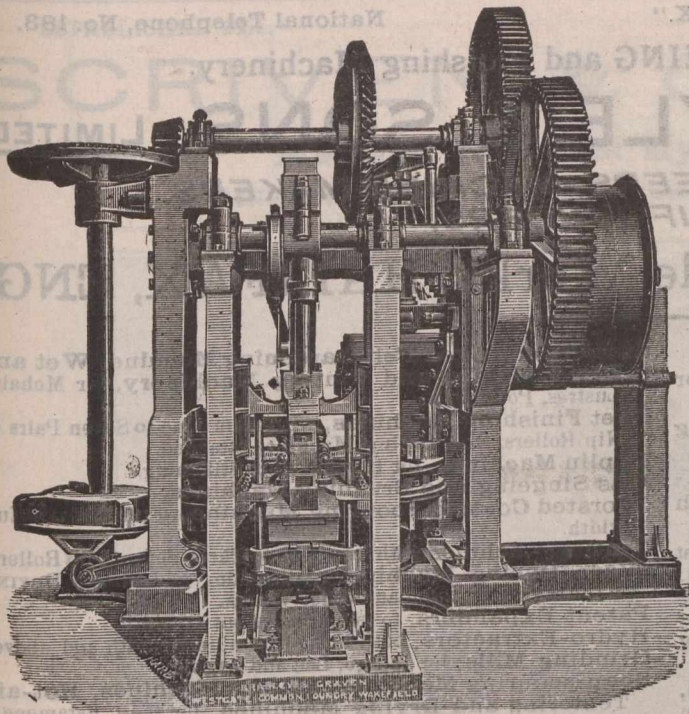
Brick plants for producing the best plastic-pressed facing bricks on the most economical system. Awarded Three Highest Medals at Adelaide Exhibition, and the ONLY Gold Medal for Brick Machinery at the Melbourne Exhibition, 1888-9.

Bradley & Craven,

LIMITED

Westgate Common Foundry, WAKEFIELD, Eng.

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



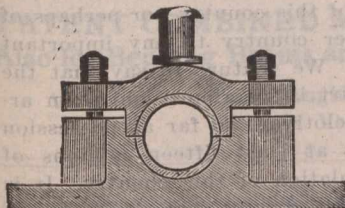
Craven's Patent Brick Moulding and Dressing Machines.

Patent Mica Grease

SAVES 80 TO 90 PER CENT.
OVER COST OF OIL

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

TRADE MARK.
PATENT MICA GREASE



PATENT MICA PACKING REGISTERED.

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

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

"MICA" BELTING SYRUP.

The Harbinger Patent Elastic Metallic Packing

Is Absolutely the Best and Cheapest.

Sole Proprietors and Manufacturers

The Mica Lubricating Company,

(Registered.)

63 King Street, SOUTH SHIELDS, England.

ever since, trying to locate that shortage."

"Well, you can take a little rest now," answered the man, "for here is your money. You paid me a thousand-dollar bill for a hundred-dollar bill the other day." The cashier suddenly found that he had "business outside," and it is said some money was put into circulation at a neighbouring refreshment stand, although this part of the story is not clearly substantiated.

NIGHT-SHIRTS.

The country lad who finds himself thrust for the first time in the same apartments with the man from the city whose older years have brought him into contact with rubbers, overshoes, fur-lined gloves, steam-laundried linen and frilled night-shirts, is apt to contemplate on the presumed fact that to become a man of affairs to which his ambitions lead to be, as it were, in the "upper circle"—he must, also be in possession of these additions which had hitherto been outside his limited rural wardrobe. Yet it is surprising to those who insist on donning all that custom or fashion decrees, or comfort and health suggests, to find many moving along through life in city as in the country with few of these necessary articles. No dealer in shoes would omit the purchase of a line of rubbers and overshoes; no dealer in men's furnishings would consider his stock complete without a suitable assortment of gloves; but instances are not uncommon of inquiries in furnishing stores for a night-shirt being replied to by an admission that there are not enough calls to justify their being carried in stock.

Under the heading: Night-shirts and those who wear them, the Textile Mercury of recent date has the following:

WEBSTER'S INTERNATIONAL DICTIONARY

NEW EDITION
NEW PLATES THROUGHOUT

Now Added **25,000 NEW WORDS**, Phrases, Etc.

Pitch Bindings • 2364 Pages • 5000 Illustrations

Prepared under the supervision of W. T. Harris, Ph.D., LL.D., United States Commissioner of Education, assisted by a large corps of competent specialists.

* The International was first issued in 1890, succeeding the "Unabridged."
The New Edition of International was issued in Oct., 1900. Get latest and best.

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

Specimen pages, etc., of both books sent on application.

G. & C. MERRIAM CO., Publishers, Springfield, Mass., U. S. A.

WEBSTER'S INTERNATIONAL DICTIONARY

GET THE BEST

Telegraphic Address: "ELKANAH, HALIFAX."

National Telephone, No. 183.

Makers of all kinds of DYEING and Finishing Machinery.

ELKANAH HOYLE & SONS, LIMITED,

MILLWRIGHTS, ENGINEERS, MACHINE MAKERS,
AND IRONFOUNDERS,

F. HORATIO CLIFFE,
Managing Director.

Waterside Works, HALIFAX, ENG,

Sole Makers of Reffitt's Patent Crabbing Machine.

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

Sole Makers of Reffitt's Patent Continuous Steaming machine.

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

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

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

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

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

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

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

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

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

Poplin Machines, for Paraffin Wax Stiffening.

Gas Singeing and Brushing Machines.

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

Tinting Machines, with from One to Three Sets of Nip Rollers.

Warp Dyeing Machinery, Bleaching and Sizing DRYING MACHINES, for Cotton and other Warps.

Patent Expanders, to keep pieces out at width.

Hydro-Extractors, both turned from underneath and above.

Grinding Mills, for Indigo, Lac and Argols.

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

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

Messrs. Ingham and Butterfield's Patent Rigging Machines.

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

Horizontal Hydro-extractors with Copper Cylinder.

Damping Machines.

Gold Calendering Machines, with Five Rollers.

Improved Lancashire Jiggers.

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

Wonders never cease. The Camberwell Guardians at their meeting last week decided to provide their boy paupers under their control, numbering nearly 1,000, with night-shirts. Mrs. Moore, a Guardian, said it was a disgrace to that and other London Boards of Guardians that they had for so long allowed the boys to go to bed in the shirts they had worn all day and

which at times were almost soaked with perspiration. We have no objection to this proceeding; it is a very proper and desirable thing. But there is one phase of the matter which does not appear to have struck Mrs. Moore or her estimable colleagues. It is that night-shirts are a development of civilization that has not penetrated among or permeated the industrial

classes of this country nor perhaps of any other country to any important extent. We venture to say that the night-shirt is an almost unknown article of clothing, so far as possession goes, to at least fifteen millions of the population of this country. It is a pity that it is so, but the fact cannot be denied. Are not the Camberwell Guardians, therefore, beginning

"Robisco" White Metal, (REGISTERED.) THE STANDARD OF PERFECTION.

REGISTERED TRADE MARK.

FOR
MARINE,
RAILWAY,
TRAMWAY,
MINING,



ROLLING MILLS,
DYNAMOS
And
GENERAL
MACHINERY
BEARINGS.

PRICES ON APPLICATION.

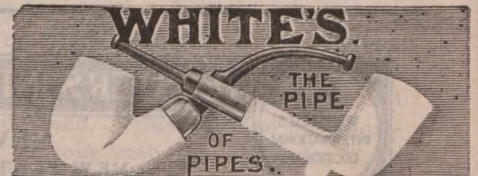
... SOLE PROPRIETORS

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

ESTABLISHED 1805.

WILLIAM WHITE

& SON,
WHITE'S.



ABSORBENT PIPE

Glasgow, Scotland,

THE LARGEST

Clay Tobacco Pipe

Manufacturers in the World.

OF ALL DEALERS.

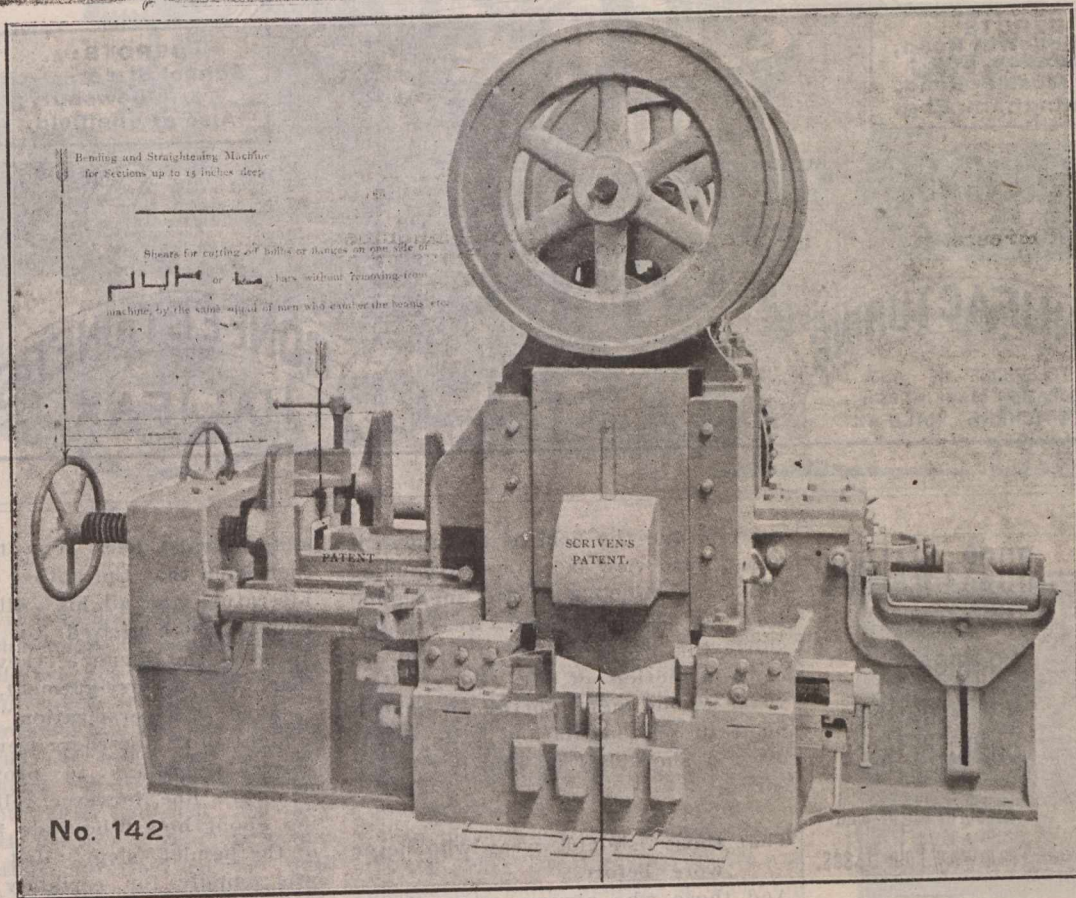
ESTABLISHED 1851.

Tel. Address: "SCRIVEN, LEEDS."

SCRIVEN & Co., LEEDS, ENG.

Machine Tools and Hydraulic Machinery,

For ENGINEERS, SHIPBUILDERS, BOILER MAKERS and BRIDGE BUILDERS.



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

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

at the wrong end of a desirable reformation in starting with the pauper children under their care? Would it not be better to commence with the industrial population generally? The Guardians might follow the example of the professional politicians, and make overtures to the trade unions so as to get at their subjects all the more quickly. Mrs. Moore might with advantage approach Lady Dilke, Mrs.

Tennant, and their respective proteges whom we need not name. We are sure their pleadings would be endorsed by Mr. James Mawdsley, Mr. David Holmes, and other Lancashire trade unionists, because the universal adoption of night-shirts throughout the working population of the country would make the Lancashire spindles hum and Lancashire looms rattle to a tune not heard for some long time. We

commend efforts in this direction to the parties named. If any financial difficulty should stand in the way, the trade unions might be persuaded to give wholesale orders and distribute the articles extensively, so that their advantages might be tested. It would be a much better expenditure of their funds than often occurs. But the topic raised by Mrs. Moore and the Camberwell Guardians is most fruitful of sug-

Fulled Raw Hide Belting AND Laces.

Every Description of LEATHER for Mechanical Purposes.

Edward Fairburn & Sons,

Caldervale Mills, BRIGHOUSE, Eng.

Special Terms to Canadians under the New Canadian Tariff.

Card Clothing of all Kinds.

CHROME and Oak Tanned Picking Bands....

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

JOHN MACKINTOSH LTD.

DEPOTS:
90 Holloway Road,
London, Eng.;
447 Moseley Road,
Birmingham, Eng.



EXTRA CREAM

DEPOTS:
School Street,
Dewsbury;
Also at Sheffield.

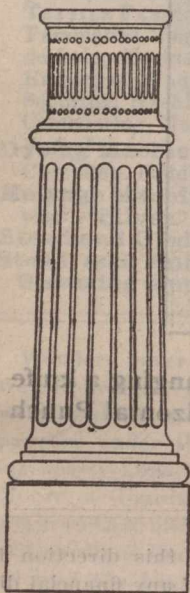
TOFFEE

MANUFACTURING

TELEPHONE NO 453
TELEGRAMS: MACKINTOSH
CONFECTIONERS HALIFAX

CONFECTIONERS

HALIFAX
ENGLAND



ROSS & WALPOLI
Limited.

**Engineers,
Millwrights,
Boiler-Makers.**

**Electric Light and
Tramway Pole Bases.**

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

**MANTELS,
TILES,
MOSAICS,**

**TRANSOM
and PAVEMENT
PRISMS.**

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

gestion, and the field of usefulness it brings into view is an ever-expanding one. So valuable is the suggestion that the people should wear night-shirts that we commend it to the serious attention of Mr. George Harwood as one quite worthy of embodiment in our legislation. He might draft a short Bill making it compulsory—

That those should wear who never wore before,
And those who always wore should wear the more!

As it would bear the sanctified odour of trade-unionism, Mr. Kenyon, Mr. Herbert Whiteley, Mr. W. H. Holland, and Sir William Houldsworth, would no doubt readily endorse the measure; while for once in a kalpa (as the Hindus might call it) a trade-union measure would promote the well-being of everybody in general and—more surprising still—of the cotton trade in particular. Yet it would astonish not a few of our most worthy ancestors, could they revisit the pale glimpses of the moon and find their dear old England thus arrayed: Geoff. Chaucer, among others, would find it most incomprehensible. Mrs. Moore, excellent Guardian and most worthy woman, no doubt practises all the virtues appropriate to her work without requiring the stimulus of Early English studies; nevertheless, if she contrived to spare a little time from the cares of guardianship, she might find in her Chaucer a line that would possibly

astonish her. For it is evident therefrom that the Father of English Literature and all his well-to-do contemporaries contrived to avoid both horns of the dilemma—they slept neither in a dry-garment, possibly “soaked with perspiration,” nor yet in a night-shirt, for there were no Camberwell Guardians to provide them! Chaucer’s line, however, tells us nothing about how “the rude forefathers of the hamlet” slept. Let us hope it was soundly, for certainly they had not even beds to sleep in, like the poet and the Camberwell workhouse-boys;—much less had they night-shirts.

GERMAN EXPERIENCES.

An officially inspired article in the National Zeitung of Berlin admonishes the people to be cheerful; if the prevailing pessimism is not checked it will lead to a calamity; the depression is not confined to Germany; British exports have declined and the article appeals to the German people to feel more confidence in German enter-

THE IMPROVED

Lancashire Steel Potato Peeler,

(Also for Apples, Carrots,
Turnips, Cucumbers, &c.)



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

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

Telegrams:—“PUMPHREY, Glasgow.”

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

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

Icing
and
Caster

SUGARS

as
they
Should
be!

Special Prices to Canadians
under the New Tariff.

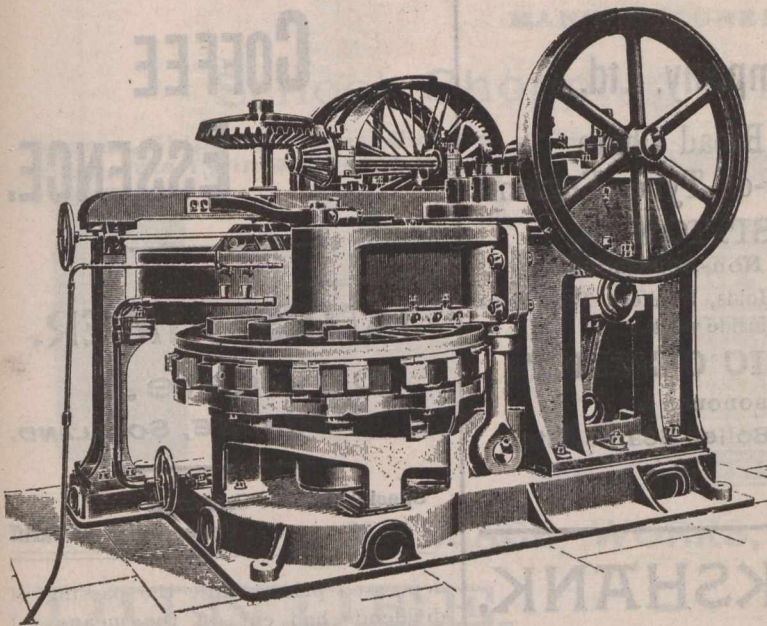
Telegraphic Address:
"ALEXSON, LEEDS."

Brick, Tile and General Clay Working Machi- nery

Herbert Alexander & Co.
LIMITED.

Queen's Engineering Works

Water Lane,
LEEDS, Eng



prises.

All this is familiar enough, and it is also foolish enough. Of course the German people are not in a state of universal bankruptcy, or anything like it. But the troubles are not due to imagination and the mind cure will not remove them. The Germans generally are not nearly so rich as they thought themselves a year ago, and many of them have lost a great deal of money. A lot of bank stockholders have been left penniless; men who got 30 per cent. dividends last year from some of the iron mills and electrical factories are getting no dividends at all this year, and are spending as little money as possible. If the country has been the victim of delusion at all it was in its estimates of prosperity last year and not in its appreciation of the present situation. Stocks are low, partly because dividends are not what they were, partly because so many people have been compelled to sell their securities. It is idle to preach to people who are going through experiences of this sort upon the duty of being optimistic and

keeping up their confidence. When a man has lost money he is sore in his mind and restricted in his pocket. When a good many men have had the same experience the country is in a state of depression. This does not lead to a financial calamity; it is the financial calamity that leads to this unhappiness.

The disease has been running its ordinary course in Germany. There was prosperity, more wealth, a declining price of capital, investment at risks for the sake of a greater return, big profits so long as everybody could go on putting money in securities, land, buildings, factories; then a cessation of earnings, inability and indisposition to invest more money, less buying and stagnation of trade. Then a failure or two which attracted no attention, then two or three larger failures which were explained as the results of bad management, limited of course to these institutions; the wiseacres were said to have expected the failures. Then a stubborn refusal of business to boom again because some people had lost money and others had lost their will-

ESTABLISHED 1878.

THOMPSON'S PRINTERS
PEARLINE
REGISTERED.

J. R. THOMPSON

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

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

WORKS: HIGH COURT LANE, LEEDS

ingness to invest, and the necessity of throwing stocks on the market had

REGISTERED BRAND



"WAVERLEY."

Special Prices to Canadians
under the New Tariff. . . .

Waverley Iron & Steel Co.,

COATBRIDGE, SCOTLAND, Manufacturers of

HIGHEST CLASS SCOTCH IRON & FINEST INGOT STEEL.

IN BARS, ANGLES, TEES AND HOOPS.

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

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

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

ODIC COMPOSITIONS

MANUFACTURERS:

Odic Plastic Composition Company, Ltd.

33 Broad Chare,

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

Newcastle-on-Tyne, England.



"ODIC COMPOSITION"

Non-Explosive, Non-Poisonous.

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

"ODIC" PLASTIC CEMENT

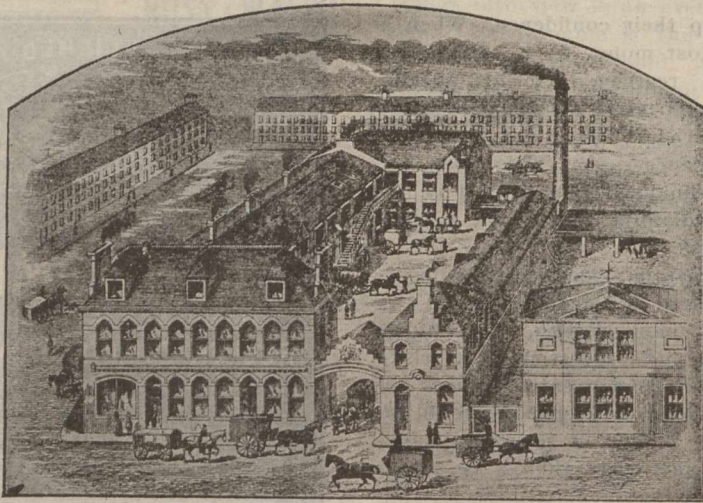
Non-Poisonous.

For Steam Joints, Boller Seams, Etc.

AGENTS WANTED IN CANADA.

R. D. & C. J. CRUICKSHANK,

BISCUIT MANUFACTURERS,



[ESTABLISHED 1848.]

[ESTABLISHED 1848.]

Lambhill Street, Paisley Road,

GLASGOW. - - SCOTLAND.

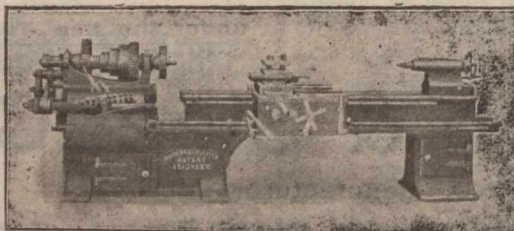
Hudson & Griffith,

FLEECE STREET,

Keighley, Yorks, England.

Do you want a Treadle Lathe?

Ours has more Improvements than any other.



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

Special Terms to Canadians under the New Tariff.

→ USE ←

AIMER'S COFFEE ESSENCE.

Sole Manufacturer . . .

JAMES AIMER,

Cowgate,

DUNDEE, SCOTLAND.

Special Rates to Canadians

. . . Under the New Tariff

depressed prices while the passing of dividends had cut off the means of spending. A general state of gloom having settled down over the country on account of reverses, some official or unofficial sage comes to the front with an admonition to everybody to be cheerful and to forget that he had lost money lest the state of mind he was in should lead him to lose more money.

But the money has already been lost and the confidence has already been shattered. The last news from Berlin quotes the Kreuz Zeitung as saying that "no week passes without revealing outrageous mismanagement in some German stock company. A feeling of deep humiliation, therefore, burdens the mercantile classes, growing heavier and heavier. The German name is injured before foreign countries for years, and the whole nation must suffer in consequence." The Vossische Zeitung refers to swindling operations recently exposed as possibly only "an era of financial credulity like the one we have just had." The National Zeitung, vehicle of the official advice to be cheerful, speaks of the "growing distrust which is continually looking for irregularities and crimes in the management of companies."

After a man has bought a gold brick it is idle to appeal to him to preserve his confidence in his fellowman. That confidence comes back slowly, like the lost capital, as the result of a multiplicity of small investments that have been successful, and the profits which have been saved. Germany is having exactly the same experience that the United States and England have had; the collapse of the boom has revealed the same financial losses and the same wreck of judgment and morality. In the course of a few years it will have saved up another lot of money, and, being very careful of investments in the meanwhile, it will have suffered few losses, and it will then find that its bank account and its confidence in human nature have been alike restored.

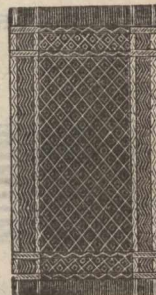
ALEX. B. CRICHTON & Co.

MANUFACTURERS OF

School, Shopping and Market Bags,

Aprons, Skipping Ropes, Clothes Lines, Jute Twines, Hearth Rugs,

Door Mats, Art Squares, Matting, Jute Carpets, &c.



WALLACE WORKS, (Den's Road)

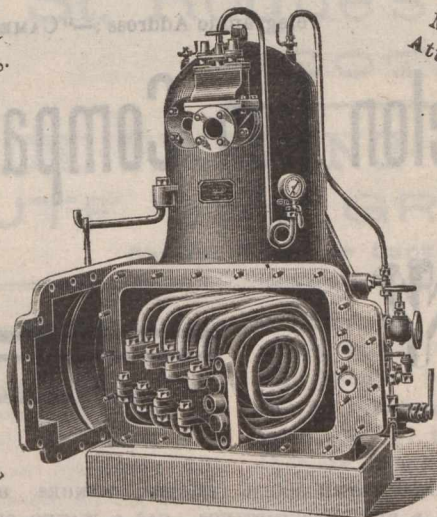
DUNDEE, - SCOTLAND.

Morison's Radial Evaporator

Fitted in upwards of 2,000 STEAMSHIPS.

Minimum of Labour and Attention required at sea.

General Handiness and Facilities for cleaning UNSURPASSED.



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

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

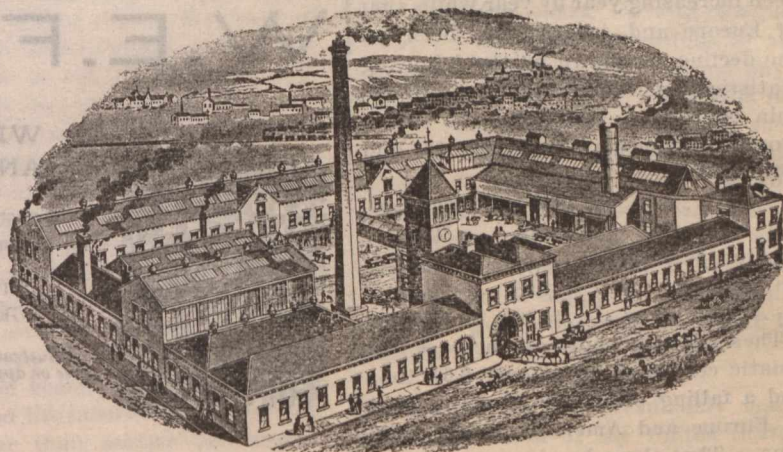
SOAP OILS.

Manufacturers of soap are being confronted with a problem the apparent solution of which appears to be a considerable addition to cost of production. Soap stocks have lately been going up in leaps and bounds, and not the least interesting feature is the stronger and higher position of all the oils used in the soap industry. The past two months, says the Oil & Drug Reporter, has wrought an extraordinary change in cochin oil. American and English merchants alike were caught napping, and no oil is to be had at any price except a chance consumer can be found who has been lucky enough to have contracted for more than his actual needs. Prices under such circumstances are abnormal. Those who have to have cochin oil, regardless of cost, were last week bidding as high as nineteen cents per pound, but even at this figure there was scarcely any obtainable. The

A. Earnshaw & Sons, Ltd.,

MAKERS OF

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



Crown Works,

HALIFAX, ENG.,

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

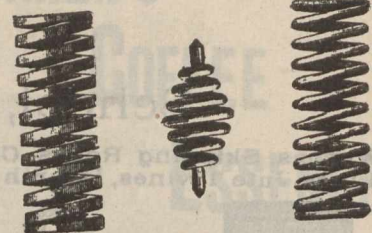
ESTABLISHED 1856.



VALVE SPRINGS.

Joseph Steel & Sons,

MAKERS OF



VALVE SPRINGS.

Spiral Springs,

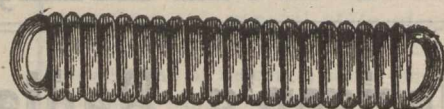


For all Classes of Machinery and Engineering Work.



Harden near BINGLEY, Yorkshire, Eng.

Special terms to Canadians under the new Preferential Tariff Telegraphic Address, "STEEL, BINGLEY."



spot stock of cochin is now exhausted, and whatever is coming forward is in the hands of manufacturing consumers who are unwilling to sell. No oil can therefore be expected for nearby delivery, though late fall shipments are promised upon the basis of seven and one-half and seven and three-quarter cents. It is safe, therefore, to predict that except for high grade expensive soaps there will be very little cochin oil used this year.

It is a curious situation, and came as a surprise to European and American importer alike. The supply in the primary market was short and when the price had risen above six cents, the importers of this country and of Europe withdrew from the market under the impression that the advance was only temporary and that values were bound to recede. The contrary proved to be the case. The lack of demand from other sources only left more oil for Asiatic ports, where merchants profited by the opportunity to take all available, leaving practically nothing for the rest of the world. Asiatic trade in cochin oil has been increasing year by year, while that of Europe and America has been on the decline, as shown by the following statistics concerning shipments of cochin oil from Ceylon for the eleven months ending May 31 in 1900-1901 and 1899-1900:

	1900-1901.	1899-1900.
	Tons.	Tons.
To Europe	2,207	6,092
To America	1,082	2,833
To Asiatic ports	15,400	12,727

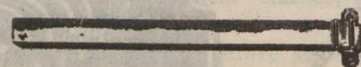
These figures show an increase in Asiatic consumption of over 2,600 tons and a falling off in the quantity sent to Europe and America of over 5,500 tons. That there has been a substantial rise in values here is therefore not

Telegraphic Address :—"CAMELON," FALKIRK.

The Camelon Iron Company, Ltd.,



Single branch pieces. Double branch pieces.



Square Rain water Pipe.

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

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

THE CAMELON CLOSE FIRE KITCHENERS.

W. E. Foggin & Co.,

No. 9 by 9 of 17 g.



WIRE WORKERS AND WEAVERS,

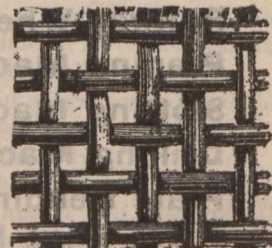
Manufacturers of all kinds of SCREENS for Mining and other purposes

RIDDLES, SIEVES AND GENERAL WIRE WORK.

Illustrated Catalogues and estimates free on application.

ESTABLISHED 1830.

No. 4 by 4 of 11 g.

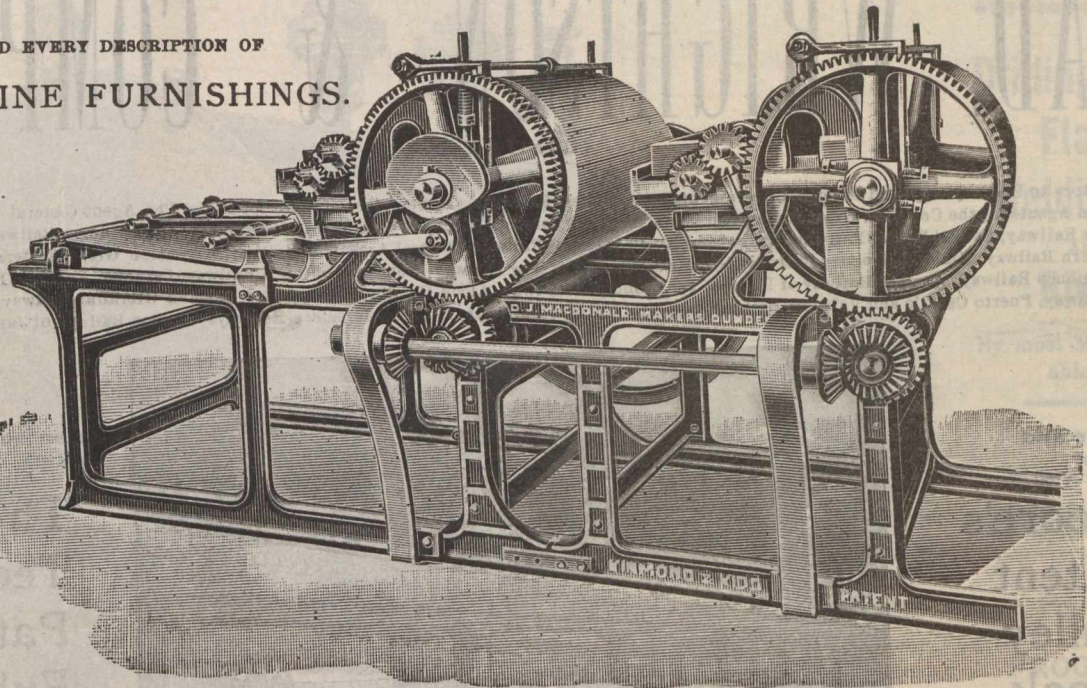


14 HIGH BRIDGE, Newcastle-on-Tyne, Eng.

D. J. MACDONALD, M. I. Mech. E.

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

AND EVERY DESCRIPTION OF
MACHINE FURNISHINGS.



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

SACK PRINTING MACHINES, THE FINEST MACHINE MADE
For JUTE and GRAIN BAG PRINTING.

Special Prices to Canadians under the New Tariff.

to be so much wondered at.

Ceylon oil, not being subject to the same conditions, has not varied to any great extent, though shipments fell some two thousand tons below those of last year, and in sympathy with cocchin there is a much stronger feeling. Offerings are not heavy, and from appearances it would not be surprising if values took a sudden and a decided turn upward.

A strike on the Pacific Coast has prevented shipments to Missouri River points. This brought many buyers of Ceylon to this market, causing at least a temporary excitement and resulting in sales of a hundred and fifty tons at from six and one-eighth to six and one-quarter cents. The present market could hardly be firmer without an actual advance.

Palm oil has remained about stationary for some months. There has naturally been more inquiry, owing to the higher cost of cocoanut, but as it can only be used as a substitute under conditions where color is of no account, it has not become much of a factor in the present situation. Of all the soap oils olive has shown the least tendency to advance. The high price of tallow has been in a measure offset by an abundant olive crop in Europe, where the outturn of French and Italian olives has been twenty-five per cent. greater than last year. Demand, however, has improved with the cost

of other oils. One contract was reported during the past week of seventeen hundred barrels of foots for deliveries covering 1902. The price agreed upon was low, but under conditions as they are at present it is doubtful if demand will not encourage a higher range of values.

Life Insurance Notes. — You can never succeed without doing your duty. And you have no duty more imperative than the insuring of your life.—There is said to be food for thought in an empty cupboard. But it isn't very appetizing. Are you going to leave your family that sort of provender?—What "little man wants here below is the hardest to get." What many men do not seem to want at all is the most necessary, and the easiest to get—life insurance.—If you are a victim of insomnia get and pay for a good life policy and put it under your pillow. Then think about it and the good it may do as hard as you can. When you wake up you will be glad you own it.—If "it was all the style" to be insured, idiotic fadism would soon become a cause for rejection.—Good life insurance is not cheap, no cheaper than science and experience have proved that it can be furnished. Get the proper article, pay the price and rest easy. So will your

family when you are at rest permanently.—Be loyal to your dependents. You cannot be if you do not provide for them. And the very best provision you can make for their future is to insure your life at once.—The way of the transgressor is no harder than that of the wife and mother who parts with her husband and finds herself penniless.—Poverty will never become fashionable if life insurance agents keep at work industriously and successfully.—Lots of agents were all right until they stopped learning. When they thought they knew it all they began to find out they knew nothing at all.—A good agent may generally be known by the companies who keep him.—Yes, "a still tongue keeps a wise head," according to an old saw. But who ever learned anything from the Sphinx? Which is intended to impress you with the fact that in business conversation a fair average is the proper caper.—Do you remember the old darkey camp-meeting refrain: "O nevah min' de weddah, but git obah dubble trubbil fo' we boun' to de happy lan' o' Canaan." That's a good song for the agent to hum in his head these days.

—Advertising the presumably unsailable position of the United States in the manufacture of steel appears to be still a hobby with certain trans-Atlantic visitors. From London it is

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

London Office:
5 VICTORIA STREET WESTMINSTER.

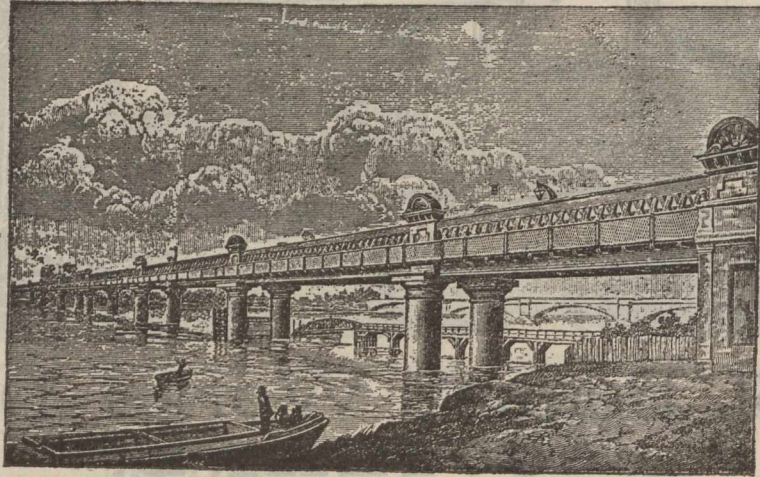
HEAD, WRIGHTSON & COMPANY.

(LIMITED)

Contractors to His Majesty's and Foreign Governments and English Railways, the Secretary of State for India, The Agent General for the Cape of Good Hope, Crown Agents for the Colonies, Great Indian Peninsula Railway, Bombay, Baroda and Central India Railway, South Indian Railway, East Indian Railway, Madras Railway, Bengal Dooars Railway, Bengal and North-Western Railway, Central Argentine Railway, Argentine Great Western Railway, Argentine North-Western Railway, Midland Uruguay Railway, Great Eastern of Uruguay Railway, Mexican Southern Railway, Peruvian Railway, Recife and San Francisco Pernambuco Railway, Western Railway of Havana, Tehuantepec Railway, Alcoy Gandia Railway, Algeiras and Gibraltar Railway, Cordova and North Western Railway, Puerto Cabello and Valencia Railway, Imperial Chinese Railways, Imperial Japanese Railways, Nippon Railway of Japan.

Patentees and
Makers of

Moore's
Patent
Pulley
Block.



Patentees and
Makers of

'The
Teesdale'
Patent
Pulley
Block.

PUTNEY BRIDGE, OVER THE RIVER THAMES, LONDON.

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

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

MANUFACTURERS OF

Blast Furnace Iron & Steel Works Plants

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

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

INGOT MOULDS.

learned that Mr. Joseph Lawrence, member of Parliament for the Monmouth District, who recently returned from the United States, addressing the Newport Chamber of Commerce, made the most interesting and comprehensive statement of the causes of American superiority in the steel trade which has yet been provided for the alarmed British public and business circles. He told his audience that Charles M. Schwab assured him that the Steel Trust could deliver steel billets in England for \$16.50, whereas the lowest price for which British manufacturers could make them was \$19. Mr. Schwab also asserted that, when the Trust had completed certain ocean transportation arrangements now pending, the American price would be still lower. In addition to

this statement, Mr. Schwab called the attention of Mr. Lawrence to the fact that his steel workers get double the wages paid British workmen in the same line. Mr. Lawrence went on to draw a striking contrast between freight charges in Great Britain and the United States, showing that the cost of carrying steel from Pittsburgh to New York, was less than the cost of carrying it from Birmingham to Liverpool, although the distance between the two English cities was only one-quarter of that between the American cities named. He quoted from President Hill and cited figures of the Pennsylvania Railroad Company to demonstrate the comparative exorbitance of British freight rates, warning his hearers that these rates must come to a more reasonable

basis if the British hoped to meet the competition for which the Americans are now so actively preparing. Having pointed out that it would be also necessary to resort to cheaper ores, Mr. Lawrence announced that as a result of several years' study of these problems and consultations regarding them he and Thomas Edison would shortly begin business in Norway with the idea of supplying to Great Britain cheaper ores.

SHORT APPLE CROP.

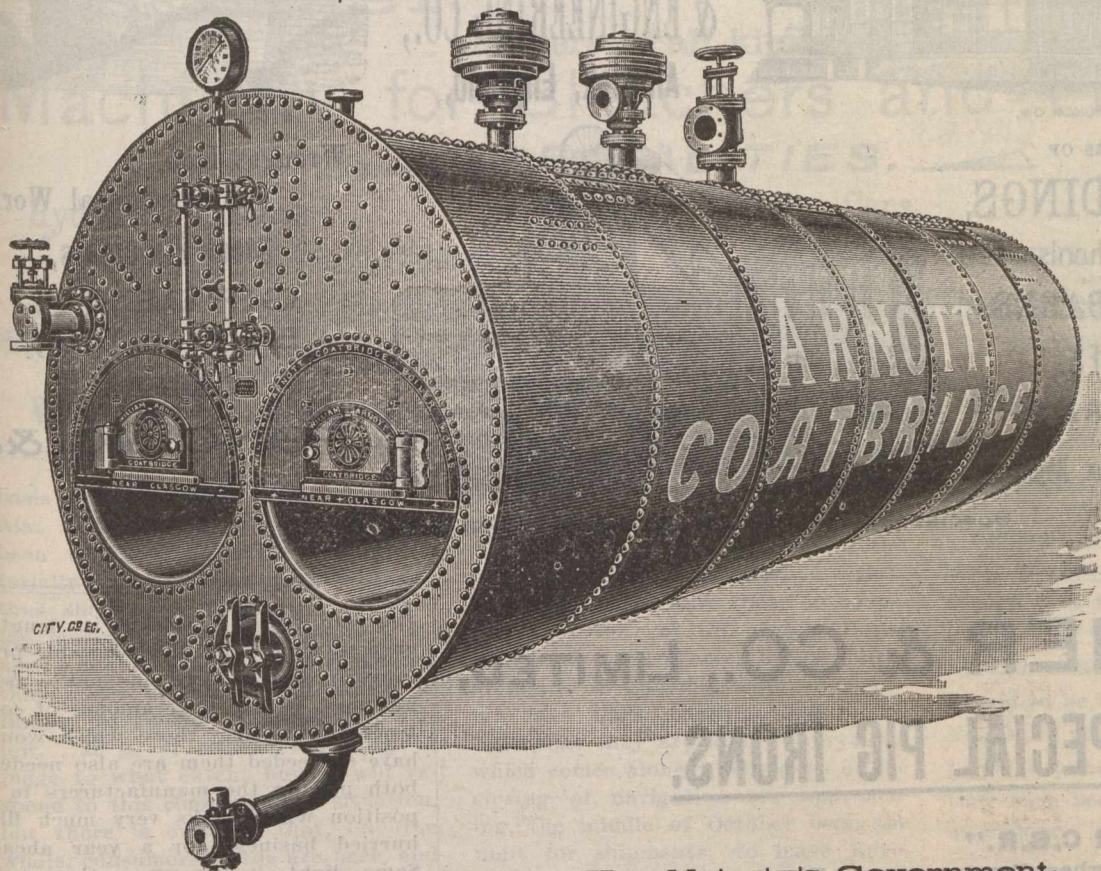
High-priced apples will rule this winter, and those whose pockets will rebel against exchanging five or six dollars for a barrel of this most whole-

ESTABLISHED 1870.

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

High-CLASS LANGASHIRE & CORNISH ... BOILERS

Up to 200 lbs. Daily Working Pressure.



Drilling,
Flanging,
Welding
AND
Rivetting

By most Modern Machinery.

Always a number of

High-class
BOILERS

IN
STOCK
OR IN
PROGRESS.

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

Contractors to Her Majesty's Government.

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

some fruit must seek consolation in some other variety. Light as the yield is throughout Quebec province, Ontario is still worse. A careful estimate submitted at the National Apple Dealers' Convention, in Toronto, in August, placed the entire output of apples in Ontario at 35 per cent. of an average yield. Unfavourable weather conditions have since reduced this estimate to 30 per cent. The following summaries of advices from towns throughout Ontario brings the information about the crop down to a late date:

The apple crop in the Napanee section was exceptionally poor this year, the yield not being more than twenty-five per cent. of the average. This was again greatly diminished by the prevailing heavy winds, which reduced it fully fifty per cent.

At Sarnia the apple crop is about a complete failure.

At Berlin the apple crop is scarce, almost nil for winter fruit.

There is practically no apples in the St. Catharines section. Spies are the best, but there is no crop for buyers and not enough for the local demand.

The apple crop is very short in Perth and the quality only fair.

The apple crop in Huron County was thirty-five per cent. of regular crop, but reduced by wind storms to twenty-five per cent.

In Oxford County the apple crop is not what the farmers would have it.

BALLANTYNE & COMPANY, PLUMBING AND HEATING CONTRACTORS

SPECIAL ATTENTION PAID TO ALTERING OLD SYSTEMS
OF HEATING.

FACTORY WORK
CAREFULLY AND
SATISFACTORILY
EXECUTED

159 St. Antoine Street,
MONTREAL, Que.

Tel. Main 2462.

On the whole, it is going to be very slim, and the apples are said to be threatened with a worm.

The apple crop in the County of Peel may be considered a failure, not over probably a third of what it usually is.

The buyers say there are no apples for export in the Guelph section. Only enough for home trade.

The apple crop in St. Vincent Township, Grey County, is anything but satisfactory to fruit growers. It will not be over one-quarter the usual yield.

The apple crop in the Markham

section is a total failure. Farmers throughout the township all say that they won't have one barrel where last year they had 25 to 50.

The crop of apples in the Owen Sound vicinity is fair; about 20 per cent. was lost owing to high winds the past ten days, but the quality is No. 1.

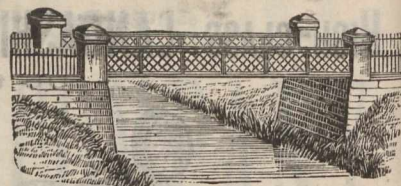
There are no extensive apple growers in the Kingston district. The yield is only about half the usual amount.

The apple crop in the Belleville district, which was originally not more than 25 per cent. of last year's, suffered a loss of at least



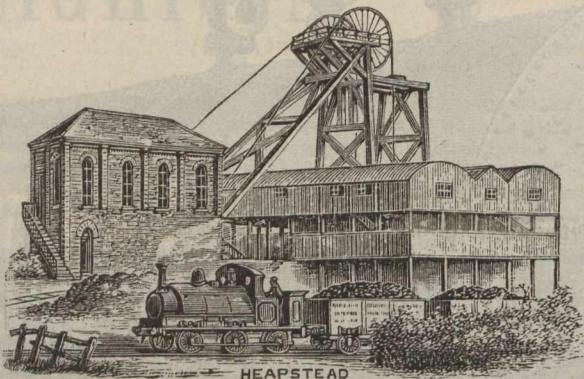
BUNGAL OW.

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



MANUFACTURERS OF
IRON BUILDINGS,
Churches, Schools,
HOSPITALS, BARNS,
WAREHOUSES,
HEAPSTEADS.

Huts, Hay Sheds, Farm Buildings.



HEAPSTEAD

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

Special Prices to Canadians under the New Tariff

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

Brand "WARNER C.B.R."

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

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

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

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

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

PIG IRON MADE TO ANY ANALYSIS.

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

the late strike. During its lengthened stay, and since, the peaceable progress of the country has not ceased and now, with a huge amount of contracts in waiting, those which would have succeeded them are also needed, both placing the manufacturers in a position which looks very much like hurried business for a year ahead. Some light is thrown on the puzzle where all the enormous production goes to by some figures on steel rails. It appears, says the Iron Age, that the total orders booked by the rail mills for 1901 delivery have aggregated 2,700,000 gross tons, including seconds but excluding export sales. The export shipments for the first seven months were 231,000 tons, so that the year will not be less than 300,000 tons. This means that a total of over 3,000,000 of rails were booked, which is 650,000 tons in excess of the product of 1900, the banner year. There is no doubt that the mills will be quite unable to deliver this huge tonnage, and it is estimated that 300,000 to 400,000 tons will be carried into next year. That itself is a pretty fair start for 1902, and the delays in deliveries may have something to do with the fact that many railroads are even now placing orders for 1902, a fact otherwise difficult to explain since the price is \$28. Thus far the Western and Southwestern railroads have been buyers. The Gould system have closed for 50,000 tons, about one-half of the total requirements for 1902, while the Union Pacific has purchased 30,000 tons. Other large systems had previously entered their orders. The indications so far as they may be relied upon so early are therefore promising. This is corroborated by the experience of the bridge interest, where a very large amount of work is in sight, particularly from the South and Southwest."

one-fourth by a heavy gale some two weeks ago.

Apple crop in the Chatham vicinity very poor; almost a failure.

Very few apples in the Brantford section; they are so scarce that crop is considered a failure here.

The apple crop in Prince Edward County this year is not nearly as large as was expected earlier in the season. A wind storm a few days ago was very damaging to the crop. It is estimated that at least a quarter of the apples were blown off.

The apple crop in the Paris section is almost a complete failure, and fruit growers are not at all encouraged at the outlook.

The apple crop in the locality of Port Hope will not yield over 25 per cent.

The apple crop throughout Wentworth is a failure, all varieties being scarce and of poor quality.

In the vicinity of Wallaceburg there

are no apples of any kind; crop a total failure.

The apple crop in the counties surrounding London will be a very short one this season. Fall apples will average about 10 per cent. of the usual crop. Winter apples will pan out about 30 to 35 per cent. of former years.

The apple crop in the Galt section will be very light. Farmers, as a rule, will hardly have enough for home use.

In the neighborhood of Niagara-on-the-Lake the apple crop may be said to be a total failure.

Around Whitby the crop is away below what it usually is on an off year.

IRON AND STEEL PROSPECTS.

That the next year will prove an exceptionally active one in the iron and steel trade was pretty generally conceded prior to the inauguration of

"A stronger feeling is developing. The leading Southern pig iron makers have advanced prices on all grades 50c per ton, making the price on the

TRAVERS & CO.,

ENGINEERS,
BELFAST, IRELAND.

Makers of all kinds of
Machinery for Bleachers and Finishers.
SPECIALITIES.

Hydraulic Mangles.

Heavy and Light Calenders.

High Speed (Patent) Beetling Machines.

Damping Machines for Cloth.

Water and Starch Mangles.

Drying Cans.

Yarn Squeezers.

Wooden Beetling Engines.

Rub Boards.

Wash Mills.

basis of \$11 for No. 2 at Birmingham, Ala. Sales in moderate lots have been wholly distributed, both territorially and as to consuming interests, thus showing a widespread demand, the buyers naming early delivery almost unanimously. It is intimated that under certain circumstances a further hardening of prices may follow. It is, of course, too early to judge to what extent buyers will respond to this change in the situation, but there is evidence that, on the whole, consumers' yards are bare, and that their commitments are light.

"In the Central West the Valley Association has sold 40,000 tons of Bessemer pig and 15,000 tons of basic pig to the leading steel interest, while malleable foundries have purchased about 40,000 tons of malleable Bessemer pig. Prompt steel is very scarce, and premiums are being paid. There has been some inquiry for next year, and prices named are materially lower than those now current. In finished iron and steel, particularly encourag-

ing reports come from the bar trade, many buyers having come into the market who had been waiting for the termination of the strike. Prices have advanced, as have those on hoops. The condition of the international markets is best reflected by the course of events in Canada. European makers have made prices so low on all lines that they are taking everything which comes along. The days of the closing of navigation are approaching, the middle of October being the limit for shipments to leave European ports. The copper trade is completely upset and with it all its collateral branches. The question is whether the leading interest will maintain the price and curtail production to keep it within the bounds of consumption, or whether we are to see a 12-cent copper market. Utterances on the part of some of the magnates point to the former course, in which case consumers will regard stocks of copper with feelings akin to those who carry stocks of dynamite."

SENEGAL ROOT DEARER.

The more general cultivation of new lands has been the means of bringing senegal root to a price bordering on the highest yet reached. Quotations continue to advance and very little root is said to be obtainable on spot in the New York market, even at the prevailing high prices, which are higher than they have been since 1892, as the figures show:

Year.	High.	Low.
1891	40	30
1892	47½	30
1893	55	33
1894	38	27
1895	30	24
1896	30	21
1897	29	22
1898	26	21
1899	50	24
1900	48	28

A few years ago the senegal crop in

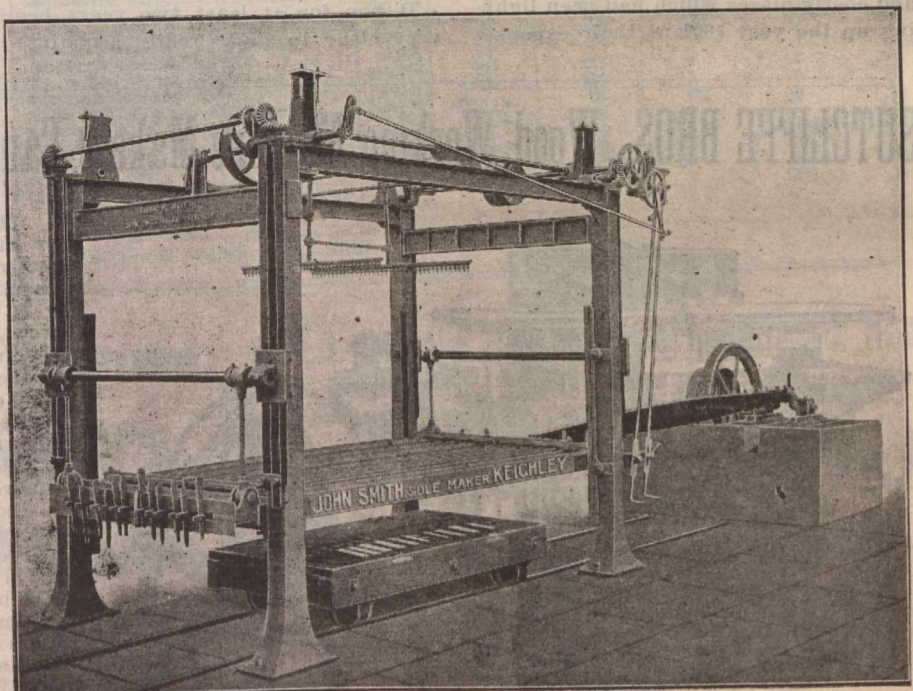
John Smith,
CRANE WORKS,
KEIGHLEY, Yorks,
ENGLAND.

SPECIALITIES

**STONE SAW FRAMES
And DERRICK CRANES.**

Nat. Telephone, 29 Keighley.
Telegraphic Address: "CRANES, KEIGHLEY."

Special prices to Canadians under the New Tariff.



Considerably over 300 Saw Frames at work.

Established 1857.

JOHN OLDFIELD & CO.,

THE CITY TANNERY
& LEATHER WORKS,

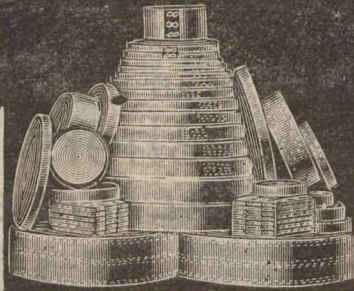
BRADFORD, - - England.

OAK-TANNED LEATHER BELTING.

Single and Double.

LEATHER BELTING

SINGLE AND DOUBLE
LEATHER BELTING



SPECIALTY
EXTRA STOUT
OAK-TANNED

LEATHER-LINK

—OR—

CHINA BELTING.

For Electric and Heavy Driving

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

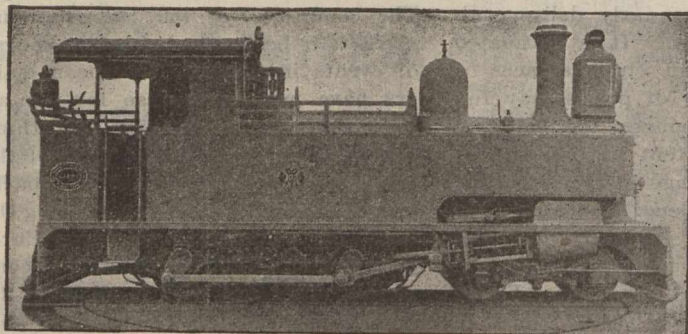
Solid Woven Hair and Linen Belting. Buffalo Hide, Skeps or Tubs. LACCS—White, Brown, (or Oiled,) Helvetia, Horny and Kop.

Special Rates to Canadians under the New Tariff.

Northern Minnesota, North Dakota and Manitoba amounted to between 300,000 and 400,000 pounds, but the production has been decreasing year by year as the ground has been plowed up and the root to a considerable extent destroyed. It is estimated that the average annual consumption of senega is something like 250,000 pounds and that the consumption is increasing, as root is being shipped direct from Minnesota to China and Japan. The entire receipts of new root in the St. Paul and Minneapolis markets this year have not, it is stated, exceeded 35,000 lbs., and it is reported that but one dealer in the Northwest has any appreciable stock. After a few weeks the gathering season will be over, and it is thought there will be but little gathered in the interval because of the scarcity of labourers who have been attracted to the lumber camps and elsewhere.

THE
Hunslet Engine Company,
LEEDS, Eng.

Telegrams: "ENGINE, LEEDS."



**Locomotive
Tank Engines**

of all descriptions
and any size, for

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

Specially designed
for any circumstan-
ces, or to suit any
Gauge of Railway.

**Arrangements
Made for Hire.**

On Purchasing Lease
or otherwise.

Special prices to Canadians under the New Canadian Tariff.

THE FIRE INSURANCE SITUATION.

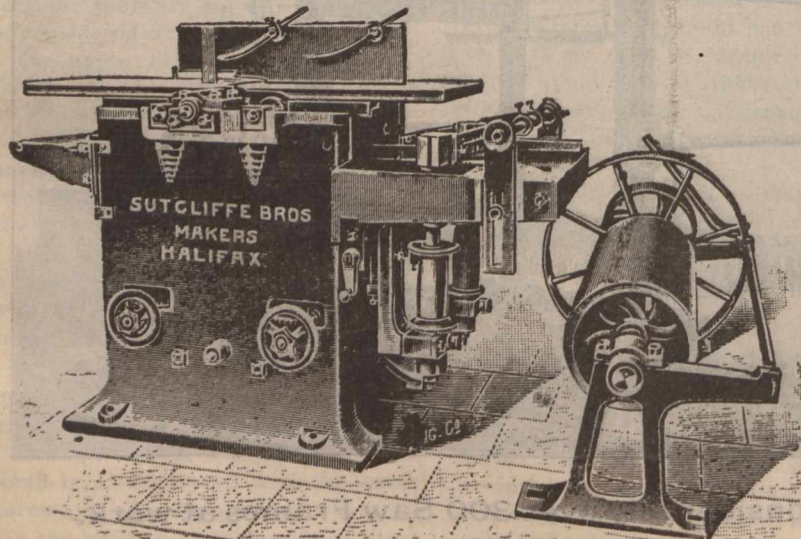
The light fire loss during August and September has decidedly cheered the fire underwriters who had become greatly discouraged by the numerous and costly blazes which had been lighting up the year 1901 at their expense.

While there is very little improvement in rates the lessening of the fire waste, if it continues, will go far toward rendering the current year less disastrous than it would be if the last half should furnish such an unpleasant total as the first has done.

It has for at least two years been very clear to those really acquainted

with the fire insurance business that the fire companies must increase their incomes or reduce their expenditures, but the outgo seemed to grow larger rather than less, while rates remained almost stationary. If the current freedom from excessive fires is maintained the present tariffs will be ample to meet losses and expenses, but

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

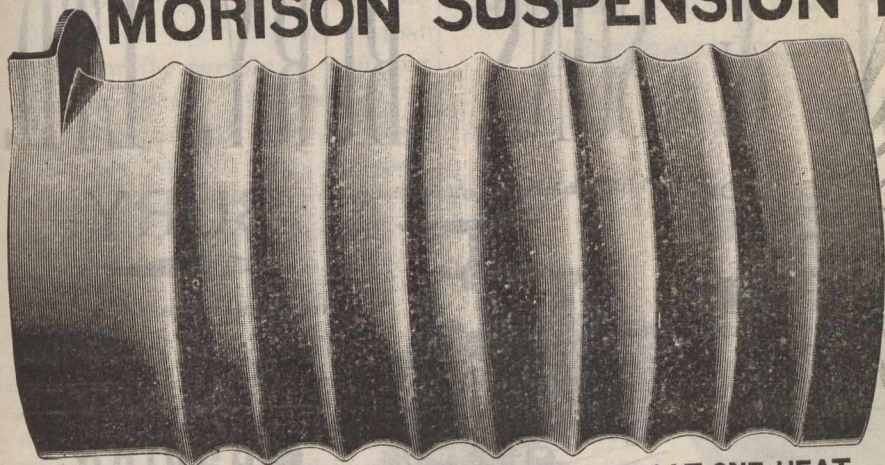


Combined 3-Sided and Planing out of Twist Machine.

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

Special prices to Canadians under the new Tariff.

MORISON SUSPENSION FURNACES.



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

FLANGED COMPLETE BY HYDRAULIC MACHINERY AT ONE HEAT.

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

The Leeds Forge Company, Ltd. LEEDS, ENG.

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

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

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

if the loss ratio is to return to the same plane as the first half of 1901 rates must go up or more companies go down.

THE PHOENIX-ATLAS DEAL.

Mr. Frank Lock, Eastern general agent of the Atlas of London, made the following statement in New York this week:

"By cable message, from London, I am authorized to state that provisional agreements have been entered into for the amalgamation of capitals, funds, assets, boards of directors and staffs, of the Phoenix Assurance Company and Atlas Assurance Company, under the name of Phoenix & Atlas Fire Office, Limited, The general manager of the amalgamated company will be Samuel J. Pipkin, now general manager of the Atlas. Both companies' agencies will be maintained."

STOCKS AND BONDS—INSURANCE COMPANIES—CANADIAN.—Montreal Quotations Sept. 30, 1901.

NAME OF COMPANY.	No. Shares.	Last Dividend per year.	Share par value.	Amount paid per Share.	Canada quotations per ct.
British American Fire and Marine...	15,000	1 1/2-6mos.	150	150	108
Canada Life.....	2,500	5-6mos.	400	50	....
Confederation Life.....	10,000	7 1/2-6mos.	100	10	....
Western Assurance.....	25,000	5-6mos.	40	20	113
Guarante Co. of North America.....	13,372	6	50	50	....

BRITISH AND FOREIGN.—Quotations on the London Market, Sept 21, 1901. Market value p. p'd up sh.

Alliance Assur.....	250,000	8s. p.s.	20	2 1-5	9 1/2	10
Atlas.....	24,000	24 p.s.	50	5	£28	£30
British and Foreign Marine.....	67,000	25	20	4	18	19
Caledonian.....	21,500	12s. p.s.	25	5	5	36 7-1
Commercial U. Fire, Life and Marine.....	50,000	27 1/2	50	5	45 1/2	46 1/2
Guardian Fire and Life.....	200,000	9	10	5	8 3/4	9 1/4
Imperial Fire.....	60,000	25	20	5	26	27
Lancashire Fire.....	125,493	5	20	2	3 1/2	3 1/2
Lion Fire.....	100,000	3	25	1 1/2	17 1/2	17 1/2
London and Lancashire Fire.....	85,100	22	25	2 1/2	50	52
London Assurance Corporation.....	35,862	20	25	12 1/2	8	8 1/2
London & Lancashire Life.....	10,000	10	10	2	44	45
Liv. & Lon. & Globe Fire and Life.....	391,752	90	St.	2	74	76
Northern Fire and Life.....	30,000	*22 1/2	100	10	38	39
North Brit. & Merc. Fire and Life.....	110,000	30s. p.s.	25	6 1/2	38	108
Norwich Union Fire.....	11,000	*33 1/2	100	12	105	108
Phoenix Fire.....	53,776	35	50	5	£37 1/2	£38 1/2
Royal Insurance Fire and Life.....	125,284	58 1/2	20	10	48 1/2	49 1/2
Sun Fire.....	240,000	8s 6d p.s.	10	10	10	10 1/2
Union.....	45,000	18 p.s.	10	4	18 1/2	19 1/2

*Excluding periodical cash bonus.

Polishing--A Pleasure.



Will not Fingermark.

**STEPHENSON'S
 FURNITURE
 CREAM.**

OLD STRAW HATS MADE EQUAL TO NEW.

PEERLESS...

Straw Hat Polish

In all Colors. Dries in 10 Minutes.

Sold in 3d. & 6d. Bottles.

RESISTS DAMP. GLOSSY SURFACE. EASILY APPLIED.

STEPHENSON BROS., Ltd., BRADFORD, England.

SPECIAL PRICES TO CANADIANS UNDER THE NEW TARIFF.

Telegraphic Address: "Hall, Bury."

ROBERT HALL & SONS, BURY, LTD.

BURY,

near Manchester,
... England

Specialties in

Weaving... Machinery

OFFICE:

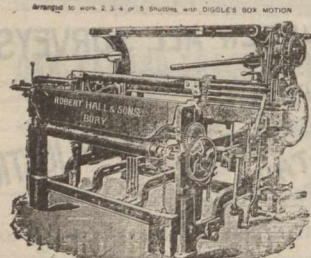
3 HOPWOOD AVENUE,
MARKET PLACE, MANCHESTER.
Every Tuesday and Friday.

Attendance at Manchester Royal Exchange, No. 8 Pillar, every Tuesday and Friday.

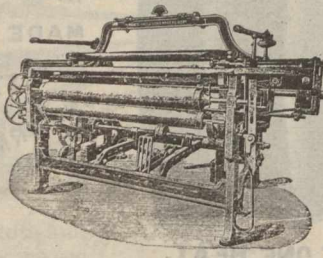
Complete lists of Machinery made on application.

Special prices to Canadians under the new Preferential Tariff.

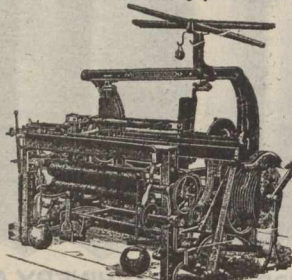
No. 4 MEDIUM LOOM FOR FANCY FABRICS.



OVERPICK No 5c LOOM TO WORK 1 SHUTTLE



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

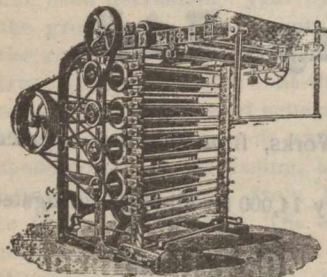


ROBERT HALL & SONS, BURY, Near MANCHESTER

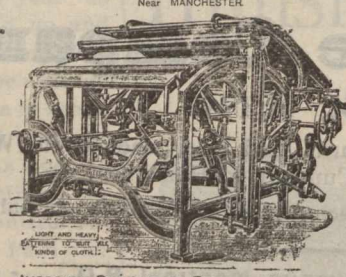
ESTABLISHED 1844.
COMPLETE LISTS OF MACHINERY MADE ON APPLICATION.
LETTERS TO BE ADDRESSED TO:
HOPE FOUNDRY, BURY, LANCASHIRE.
FRENCH AND GERMAN CORRESPONDENCE.

TELEGRAPHIC ADDRESS
HALL, BURY

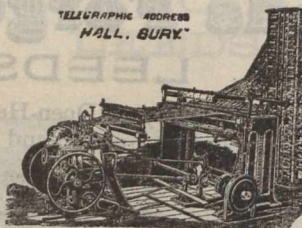
POWER LOOMS OF EVERY DESCRIPTION. ALL KINDS OF PREPARING AND FINISHING MACHINERY FOR WEAVING PURPOSES.



RAISING MACHINE AND MAIN AND FANCY GOODS



IMPROVED PLAITING OR FOLDING MACHINE, WITH PATENT GRIP AND RELIEVING MOTION, AND IMPROVED FEEDING MOTION FOR LONG AND SHORT PLATS.



PATENT SECTIONAL BEAMING MACHINE

—The possibilities of South Africa as a fruit and grain producing country are referred to by the Under Secretary for Agriculture, who states that fruit and viticulture may be regarded as but in their infancy there, but they are able to cope with the

growing demand of such home markets as Kimberley, Johannesburg, and Buluwayo. The opening up of fresh fruit and vine districts by railway extension, together with the advantages the Cape have over other fruit-growing countries in its geographical and

its climate conditions, will greatly develop the exportation of fruit. The rapid increase of fruit exports is shown by the following figures:

Year	Cases
1897-98	9,169
1898-99	10,817
1899-1900	17,536

The Cape produces a good, wholesome, and palatable wine, which finds a ready sale in the colony; the supply is much under the demand, and wine making, therefore, affords excellent prospects. Some of the finest grain-growing districts are Aliwal North, Herschel, Barkly East, and Basutoland. Only easy access to a market is required to throw areas of land under cultivation of wheat, rye, and oats. The cultivation of lucern is carried on with most satisfactory results throughout that large area of the colony which enjoys a rainfall of from 20 to 40 inches. It furnishes from four to six crops in summer, and from one to two crops in winter.

CANADIAN CUSTOMS TARIFF.

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

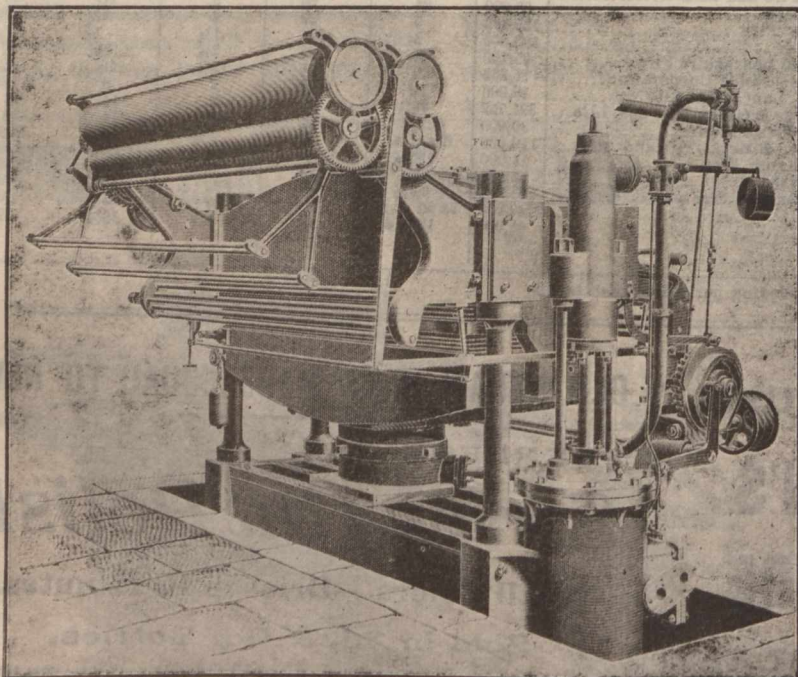
The initials N. O. P. represent and have the meaning of the words "not otherwise provided for."

(Continued from Page 1246.)

Glass buttons, see item Buttons; Glass stoppers, 20 p.c.; Glass advertising

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

Pressing and Tentering Machines.



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

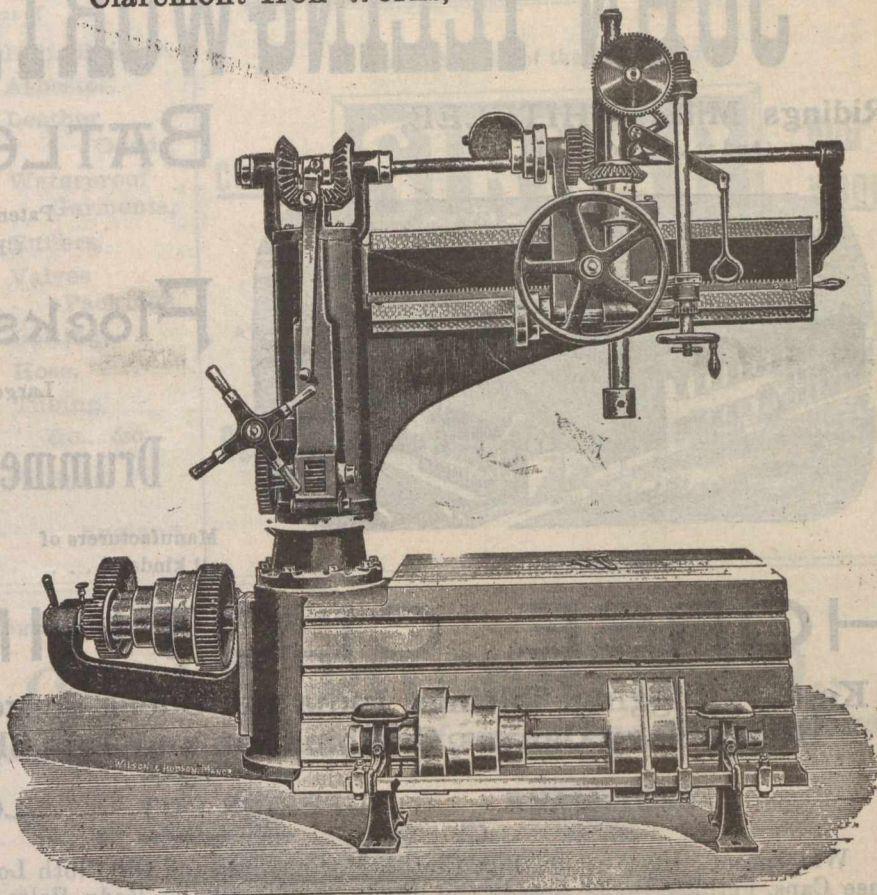
Great Wilson Street,

LEEDS, ENGLAND.

paper weights, 35 p.c.; Glass, German looking glass (thin plate), un-silvered or for silvering, 20 p.c.; Glass, for the purpose of mounting in silver, 20 p.c.; Glass gauges, 20 p.c.; Glass mounts, part of incandescent lamp, 30 p.c.; Glass pendants, 30 p.c.; Glass and emery paper, 25 p.c.; Glass, silvered, bevelled or not, and framed or not, 35 p.c.; Glass, plate glass, not bevelled, in sheets or panes not exceeding 25 square feet each, N.O.P., 25 p.c.; Glass, plate glass not bevelled in sheets or panes, N.E.S., 35 p.c.; Glass, plate glass bevelled in sheets or panes, N.E.S., 35 p.c.; Glass, thermometers, 25 p.c.; Glass vases, plain or fancy, N.E.S., 20 p.c.; Glass signs, see Signs; Glasses, watch, 25 p.c.; Glass, bent plate or other sheet glass and all other glass and manufactures of glass, N.E.S., 20 p.c.; Glass, ground glass, 20 p.c.; Glauber salts, 20 p.c.; Glaziers' knives, see Cutlery; Globes, geographical, topographical and astronomical, free; Globes, for lanterns and electric lights, N.E.S., 30 p.c.; Globes, for lamps, N.E.S., 30 p.c.; Globules, sugar, ½ cent. per lb., and 35 p.c.; Glove fasteners; metal, free; Gloves, cotton and lisle and thread, 35 p.c.; Gloves, silk, 35 p.c.; Gloves and mitts, all other, 35 p.c.; Glove leathers, see Leather; Gloy paste, as British gum, 10 p.c.; Glue, liquid, powdered or sheet, and mucilage, gelatine and isinglass, 25 p.c.; Glue fish liquid—Munn's, from Newfoundland, free; Gluten flour, a special diabetic food, 20 p.c.; Glucose syrup, see Syrup, N.E.S.; Glucose and grape sugar, see Sugar; Glycerine when imported by manufacturers of explosives for use in the manufacture thereof in their own factories, 10 p.c.; Glycerine, N.E.S., 30 p.c.; Glycoleum, a preparation of petroleum, 35 p.c.; Goat hair, unmanufactured, see Hair; Gold beaters' moulds, free; Gold beaters' skins, free; Gold bullion, or gold fringe, free; Gold laces, &c., 35 p.c.; Gold liquid paint, 25 p.c.; Gold paint, Japanese, liquid bronze, 25 p.c.; Gold and silver plated ware, N.E.S., 30 p.c.; Gold and silver tassels, 35 p.c.; Gold medals, see Medals; Gold and silver jewelry, 30 p.c.; Gold and silver leaf, 25 p.c.; Gold leaf, imitation of, 25 p.c.; Gold and silver sweepings, free; Gold and silver coins, except U.S. silver coin, free; Gold pens, 25 p.c.; Gold, manufactures of, N.E.S., 30 p.c.; Gongs, for doors, as bells, 30

GEORGE SWIFT,

Claremont Iron Works, HALIFAX, ENGLAND.



IMPROVED 5-FT. RADIAL DRILLING AND TAPPING MACHINE.

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



JOHN STONES,

Shiffnall Mill,

BOLTON, Eng.

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

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

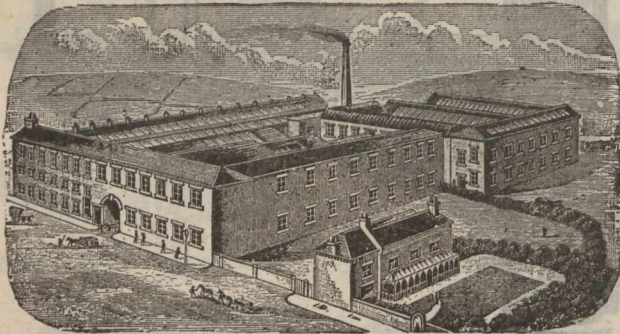
Telegraphic Address: "PURIFIER, BATLEY."

ESTABLISHED 1865

JOHN ILLINGWORTH & SONS,

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

BATLEY, ENGLAND.



RIDINGS MILLS.

Patentees and Sole Makers of the
CELEBRATED PURIFIED

Flocks and Wools,

Large Stocks of all Descriptions of

Drummed Wools & Ruggings

Manufacturers of
all kinds of . . .

FOR COLLAR MAKERS
AND BROWN SADDLERS.

HORSE CLOTHING

FOR
HOME AND EXPORT

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

BEST MAKE.

SUPERIOR CUT.

LOWEST PRICES.

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

NONE BUT THE TRADE SUPPLIED.

PRICES ON APPLICATION.

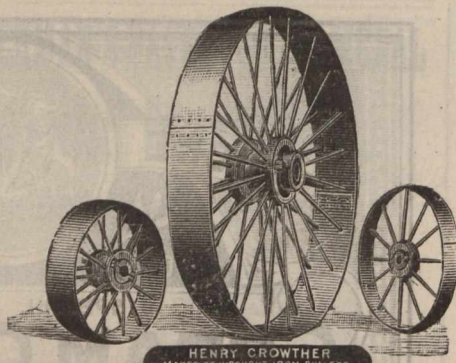
Wrot.-Iron Pulleys.

Bright Steel Shafting.

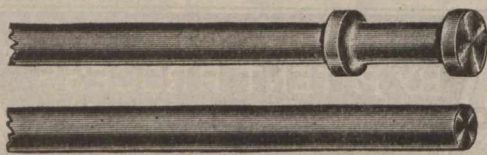
Lists sent Post Free
on Application.

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

Telephone
43.



HENRY CROWTHER
MAKER OF WROTH IRON PULLEYS,
CLECKHEATON, YORKS



HENRY CROWTHER, Rolling Mills,
Cleckheaton,
YORKS, ENGLAND.

Special Terms to Canadians under the New Tariff.

p.c.; Gooseberries, the weight of the package to be included in the weight for duty, 2 cents per lb.; Gooseberry bushes, 20 p.c.; Governors, machine governors, 25 p.c.; Graders, road, 30 p.c.; Grains, crude, see Drugs; Grain, dutiable, of all kinds, when damaged by water in transit (on appraised value), 20 p.c.; Gramophones, 25 p.c.; Gramophones, cases for, 30 p.c.; Granite, white granite or iron stoneware, see Earthenware; Granite, or agate hollowware, see item Agate, &c.; Granite, rough not hammered or chiselled, 15 p.c.; Granite, sawn, only, 20 p.c.; Granite, N.E.S., and all manufactures of, 35 p.c.; Grapes, green fruit, 2 cents per lb.; Grape vines, 20 p.c.; Grape sugar, see Sugars; Grass plaits, see Plaits, free; Grass, sea-grass, see Moss, &c.; Grass, Manilla, Esparto or Spanish, and other grasses and pulps of, including fancy grasses dried but not colored or otherwise manufactured, free; Grasses, natural dried (bouquets), 20 p.c.; Grass, manufactures of, N.E.S., 20 p.c.; Grass seed, see Seeds; Grav-

R. & S. BAXTER

OFFICE ADDRESS:
81 Murrygate, DUNDEE, SCOTLAND.

TEL. ADDRESS:
FARINA, DUNDEE

WORKS:
Commercial Court,

MICA

IMPORTERS AND MANUFACTURERS OF MICA
For All Purposes.

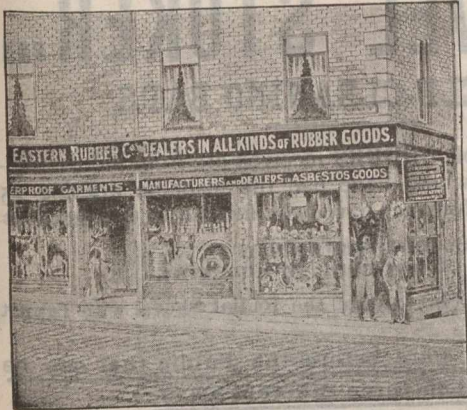
Large Stocks at our Stores in Dundee, of Ruby, Clear and Clouded. Regular shipments received direct from the mines.

CONTRACTORS TO HIS MAJESTY'S GOVERNMENT.

Telegrams: "RUBBER COMPANY, NORTH SHIELDS."

The North Eastern Rubber Co.

Manufacturers and Dealers in all Descriptions of



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

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

CONTRACTORS TO H. M. GOVERNMENT.

HARRAP Bros.

Sole Makers of the Celebrated



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

Bective Mills, Alverthorpe, Wakefield, England.

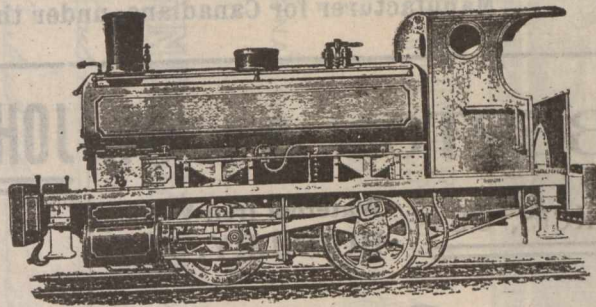
Special terms to Canadians under the new tariff.

els, free; Grease, rough, the refuse of animal fat for the manufacture of soap and oils only, free; Grease, axle, 25 p.c.; Grease, foot, see item Foot Grease; Grease, also called Albany Compound, 25 p.c.; Grease stuffing, 20 p.c.; Grease, other, N.E.S., 20 p.c.; Green baize, wool, 35 p.c.; Grey tartar, free; Grey acetate of lime, 20 p.c.; Grindstones, see Stones; Grommets, to pay according to material; Gauges, to pay according to material; Guaiacol, chemical, 20 p.c.; Guano, and other animal and vegetable manures, see Fertilizers; Guano, artificial, see Fertilizers, compounded; Guarana, a drug, N.E.S., 20 p.c.; Guavas, green fruits, free; Guides, travellers' official guides, 15 cents per lb.; Gums, crude, see Drugs, free; Gum resin, crude, see Drugs; Gum Arabic, artificial, a dextrine, 10 p.c.; Gums, amber, Arabic, Australian, copal, dammar, mastic, sandarac, tragacanth, elemy, free; Gum, ester gum, 20 p.c.; Gum Senegal, free; Gum shellac, free; Gum gedda and gum barberry, free; Gum kanrie, free; Gums, chewing sweetened, 1/2 cent per lb., and 35 p.c.; Gums, chewing, not sweetened, 20 p.c.; Gum, British, 10 p.c.; Gum, opium, drug, see item Opium; Gum, white shellac in gum or flake, for manufacturing purposes, free; Gum chicle or sappato gum, in a crude state, free; Gum, sizing, see Sising; Gums, assafoetida, camphor, and others, N.E.S., 20 p.c.; Gumwood lumber, see item Lumber in Wood; Gumbacco, 50 cents per lb.; Gunpowder, see item Powder; Gun wads of all kinds, 30 p.c.; Gun and pistol covers and cases, 30 p.c.; Gun caps, percussion, 30 p.c.; Gun, rifle, and pistol cartridges, and cartridge cases, N.E.S., 30 p.c.; Guns, air, not being toys, 30 p.c.; Guns, N.E.S., see Firearms; Gun cotton, 20 p.c.; Gun tools, such as reloading sets, &c., 30 p.c.; Gut, cord, see Catgut.

(To be Continued.)

Telegraphic Address : GRANT, KILMARNOCK.

GRANT, RITCHIE & CO., Locomotive Engineers, Ironfounders and Boilermakers.



TANK LOCOMOTIVE ENGINE.

Townholm Engine Works,
KILMARNOCK, SCOTLAND.

JOHN PICKLES & SON,

Saw-Mill Engineers and
Wood-Working Machinists,

HEBDEN BRIDGE, ENGLAND.

Makers of Every
Description of

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

FOR HOME, FOREIGN and COLONIAL REQUIREMENTS.

CARRIAGE, WAGGON and SHIPBUILDING MACHINERY.

Makers to The Lords Commissioners of the Admiralty, The War Department, The India Office, The Crown Agents for the Colonies, The Royal Dockyards, The Indian States Railways, British, Colonial and Foreign Railways, Foreign Governments, &c., &c.

Engines, Boilers, Shafting, Saws, &c.

Large Illustrated Catalogue on Application.

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

Complete Plants of Latest Machinery for Cask and Barrel Making.

Cut will be inserted as soon as received.

Open to give Licenses for the Manufacture and Sale of these Stokers in Canada.

**PROCTOR'S MECHANICAL
... SHOVEL STOKER ...
And SELF-CLEANING BARS.**

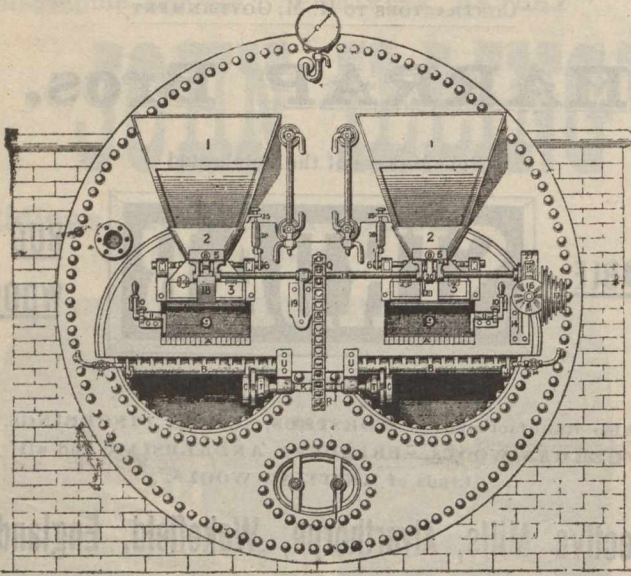
65 PER CENT. of ORDERS received are from old customers, many of whom have had the machine working 25 years. Over 9,000 furnaces have been fitted with this machine

**20 per cent. more duty.
10 to 15 per cent. in Economy.**

The first and only Inventor of the Radial Shovel with Tappet and Spring.

The only Moving Bars before the Public that can be worked in three different ways:

- 1st.—As self-cleaning. 2nd.—Can be put in and out of gear and worked intermittently. 3rd.—As Handmoving Bars.



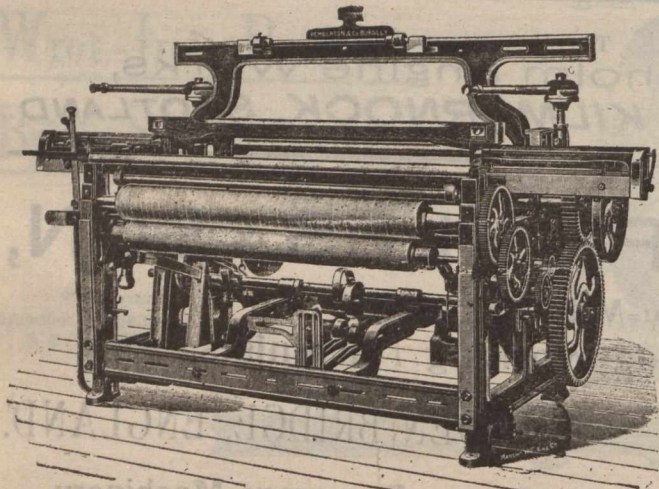
Sole Patentee of Steam Bearer to Prevent the Bar Ends Burning off. Largest Number of References in the Trade. The Stoker has been before the Public for over 25 years, and is protected by 10 different Patents.

J. PROCTOR, Hammerton Street Ironworks, **Burnley, England.**

Manufacturer for Canadians, under the new Preferential Tariff.

PEMBERTON & CO.,

Loom Makers, &c.. Waterlool Iron Works, BURNLEY, Eng.



Plain Calico Loom.

Makers of **MODERN HIGH-CLASS WEAVING MACHINERY**

For Weaving every description of Cotton, Silk and Woollen Goods (Plain and Fancy).

Measuring and Plaiting Machines, Cloth Presses, Twisting and Looming Frames, &c.

33 1/2 per cent. in favor of Canadian Buyers 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.

Rear 110 Mansfield Street, Montreal, Que.

PARIS·UNIVERSAL·EXHIBITION
OF·1900

THE INTERNATIONAL JURY OF AWARDS HAS
 GRANTED A

GRAND·PRIZE·DIPLOMA

TO the Journal of Commerce Montreal
for Contribution to the Canadian Exhibit.

PRELIMINARY CERTIFICATE.
 ISSUED BY THE CANADIAN COMMISSION,
 DECEMBER, 1900.

GROUP _____ CLASS _____

OTTAWA

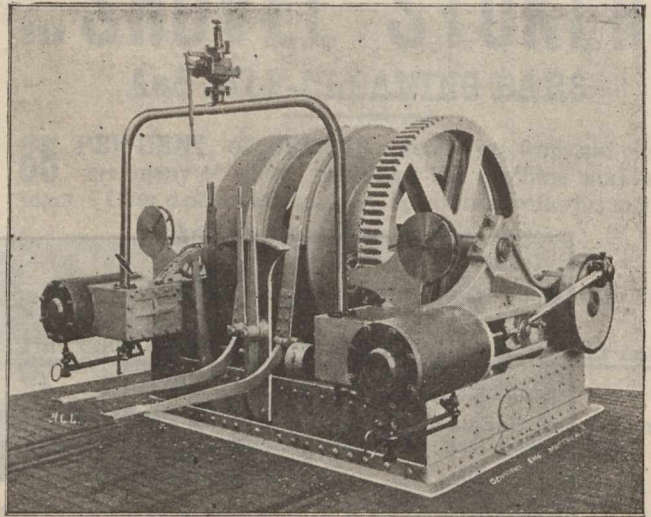
Joseph Booth & Bros., L'td.,

ENGINEERS
and MANUFACTURERS,
Rodley, Near Leeds, - - England.

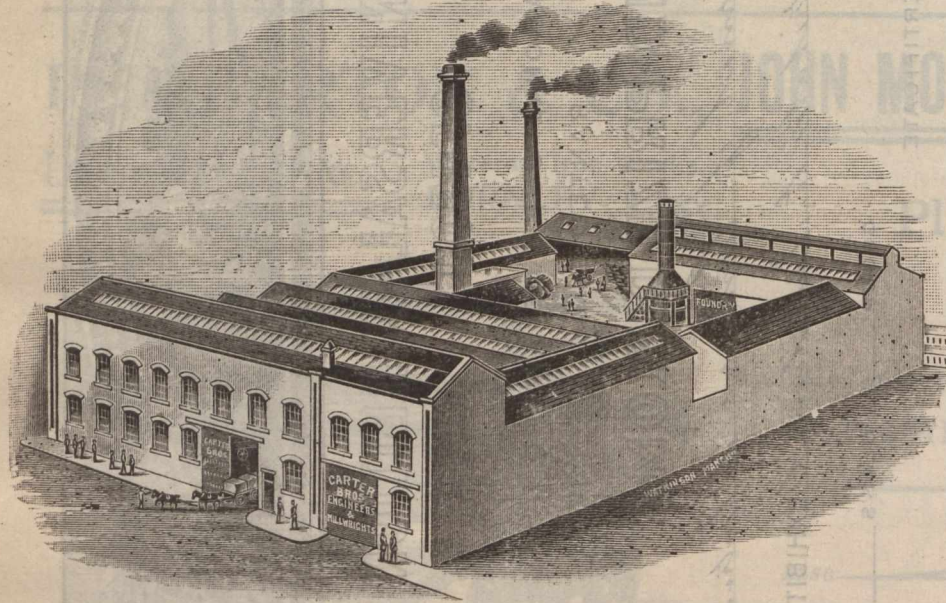
Manufacturers of

Steam Hydraulic Cranes
and Lifting Machinery,

Under the New Canadian Tariff.



CARTER BROS.,



Engineers

AND...

Millwrights,

—
Bridge Street,
Rockdale, Eng.

—
Special terms to Canadians, under
the New Preferential Tariff.



Barker & Moody,

MANUFACTURERS,

PERSEVERANCE MILLS,

Kirkstall Road,
Leeds, Eng.

Make for Canadians under the new
Preferential Tariff.

Geo. Cradock & Co.

STEEL WORKS, ROLLING and WIRE DRAWING MILLS,
.....AND.....

WIRE ROPE WORKS

Makers
of

Wakefield, England.

WIRE ROPES FOR ALL PURPOSES

(From Wire and Steel of their own manufacture)
And

HIGH CLASS MINING STEEL.

BRANCHES:

LONDON—7 East India Avenue, E.C.

JOHANNESBURG. S. A. — Bettelhelms Buildings,
Simmonds Street.

SYDNEY, N.S.W.—Vickery's Chambers, Pitt Street.



TELEGRAMS: CRADOCK WAKEFIELD.

A.B.C. & ENGINEERING CODES USED.

AGENTS FOR CANADA

WINN & HOLLAND,

Montreal.

Mulholland, Maugham & Co. Ltd.,

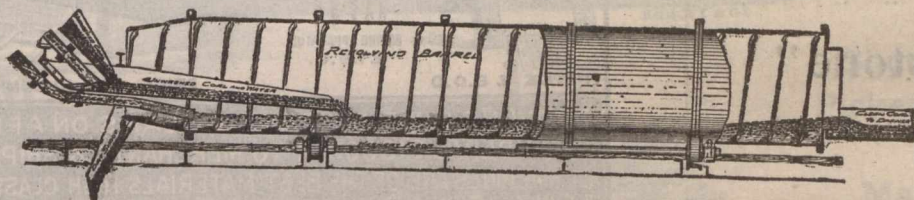
West Cornforth,
Co. Durham, England.

MANUFACTURERS OF

Coal and Coke Handling Plant of all Descriptions,
Colliery Heapsteads and Mining Machinery - - -

The 'Blackett'
Coal Washer

(Blackett and
Palmer's Patent.)



Capacity of each Ma-
chine per Day 150
to 200 tons.

ADVANTAGES

Cheap.	Perfectly Automatic.	Angle for Washing Easily Adjusted.	Requires no Attention.
Efficient.	Few Working Parts.	No Leakage. Requires Small Room.	Large Capacity. Simple.

Adopted by the CARLTON IRON CO., LTD., the THRISLINGTON COAL CO., LTD., SIR BERNHARD SAMUELSON & Co., LTD., and others.
Special Prices to Canadians under the New Tariff.

HUGHES' PATENT POWER PRESS

Patented in the United Kingdom, Germany
United States of America, Etc.

The Normanby Brick Company, Ltd.,

Patentees and Sole Manufacturers;

NORMANBY, Near MIDDLESBROUGH, ENG.

Are now prepared to offer their Patent Press Adapted to Steam Power.

This Machine has many advantages over the ordinary steam press of which the following are the chief, viz : 1.—Every brick is one exact thickness when it leaves the box, the only variation being in the depth of the panel. 2.—The stretcher parts are absolutely free from Arris. 3.—Equal pressure and 2 nips are brought to bear on each side of the brick, which prevents twisting and the pressure can be increased or reduced as desired. 4.—The repairs are reduced by about 50%. 5.—Capacity from Eight to Ten Thousand per day of 9½ hours. 6.—Hands required to work the machine, four boys.

The Machine can be seen at work at the above works any day by appointment.

For all further particulars apply as above.

Special prices to Canadians under the new Tariff.



RECOGNIZING the value of the Journal of Commerce as an advertising medium—and as a trade winner—we insert this ad. In other words, we want your trade—
YOUR PRINTING.

Watch Your Mail Bag

If it contains MAIL ORDER PRINTING from us—then you'll be satisfied



If it is STATIONERY you want we suggest

“Keystone”

—You can't get anything better for the money.

Write.

By return mail we'll give you an estimate.

Journal of Commerce Job Dept.,
171 St. James St.
MONTREAL.

N.B.—Mention this ad. and we'll make our offer still better.



Telegrams: “Kershaw Brothers, Hebden Bridge.”

National Telephone: 1214.

KERSHAW BROTHERS,

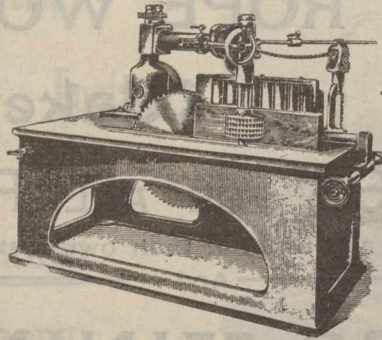
SAW-MILL ENGINEERS
and WOOD-WORKING MACHINISTS, Etc.

Hebden Bridge, via Manchester, Eng.

RAILWAY
IRON WORKS,

MAKERS OF HIGH-CLASS

Wood-Working Machinery



For Joiners, Builders, Cabinet Makers, Saw-Mill Proprietors, Pianoforte and Organ Manufacturers, Wheelwrights, Coachbuilders, Shipbuilders and Railway Wagon Builders, &c.

ESTABLISHED 1846

JOSEPH GREEN & NEPHEW
“Globe Iron Works.”

TELEGRAPHIC ADDRESS: LEEDS · ENG ·
“GREEN-NEPHEW” LEEDS · LEEDS · ENG ·
MANUFACTURERS OF ALL KINDS OF HAND & STEAM POWER
WOOD WORKING MACHINERY

TENONING TOOL. £2.0.0

BORING APPARATUS. £1.5.0.

PRICE £ 8.0.0

PRICE £ 22.10 COMPLETE AS ABOVE

DRAWINGS & FULL PARTICULARS ON APPLICATION
— LIBERAL DISCOUNT TO MERCHANTS & SHIPPERS —
ALL MACHINES ARE OF THE BEST MATERIALS HIGH CLASS WORKMANSHIP & FINISH & THOROUGHLY TESTED BEFORE LEAVING THE WORKS

Tel. Address: “HYDRAULIC, LEEDS.”

National Telephone: No. 214.

HYDRAULIC MACHINERY

OF EVERY DESCRIPTION.

R. MIDDLETON,

**SHEEPSGAR,
LEEDS, Eng.**

Hydraulic and General Engineer.

Accumulators, Steam and Power Pumps, Passenger and Goods Lifts of all descriptions, Hydraulic Presses for all Purposes, Valves, &c.

London Agent—E. C. AMOS, 20 Bucklersbury, E.C., Eng.

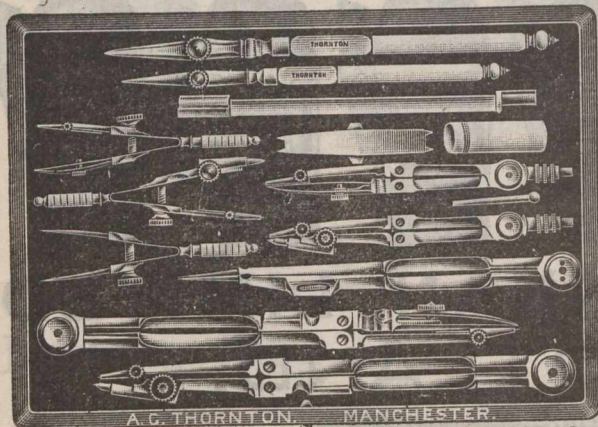
Codes Used—Lieber and A.B.C. 4th Edition.

Cut will be inserted as soon as received

DRAWING AND SURVEYING INSTRUMENTS, ETC.

English Make - The Latest, Best and Cheapest.

The Ideal Cases.



No. 5148. This Set in Electrum. Best Quality, with Needle Points and Double Joints, in Morocco flat Pocket Case, complete.

The most practical and serviceable Case, as also the cheapest for the quality ever offered. Compasses 6 in., and other instruments in proportionate sizes.

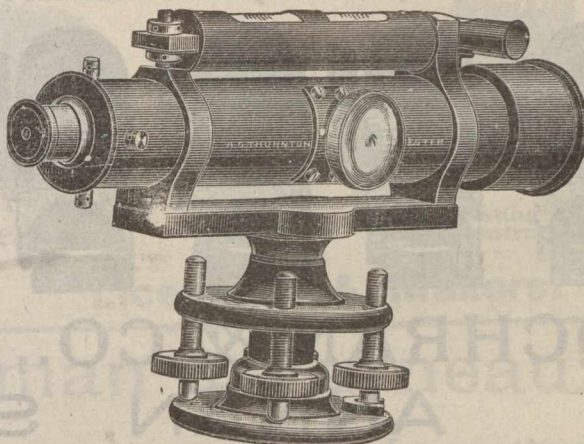
No. 5149. Same Set in Square Polished Walnut Case, with lock and key. Complete and extra, 4 1/4 inch. Jointed Drawing Pen.

My special Cases of English Drawing Instruments range from 8/6 to £20. All made in my own factory, and the bulk are quite different to what are sold by any other maker or dealer in the Trade.

Loose Drawing Instruments of every description.

JUST PUBLISHED. POST FREE.—New and enlarged edition of Catalogue, 208 P.P., with Coloured Illustrations, giving full details and prices of all Specialities and Improvements to date.

No. 5132. The Standard Level.



English make, 12 in. Telescope. Improved Pattern with Polished Mahogany Case and Tripod. Complete £8 10s., as illustrated.

No. 3637. The Desideratum Level, 12 in. Telescope, with Case and Tripod. Complete £4 17s. 6d.

Theodolites and Levels, Staves, Chains, Tapes, Rods, &c. For particulars see Illustrated Catalogue, post free.

Repairs with promptitude and at moderate charges.

TRACING PAPERS AND CLOTHS.

As also Drawing Papers, every kind and quality. My specialities in above form a series of the very best and cheapest to be had. Samples and Prices, post free.

Photo Materials for Copying Tracings, every process. New Papers, Frames, Baths, &c.

CONTRACTOR TO
HER MAJESTY'S
GOVERNMENT.

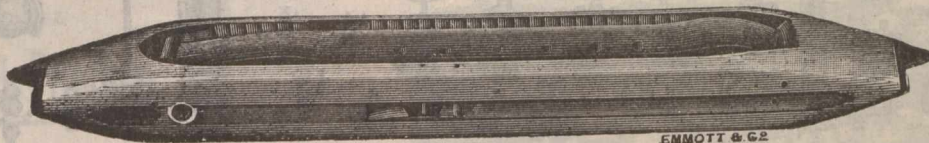
TELEGRAMS:
DRAWING.—MANCHESTER.

A. G. THORNTON,

Practical Manufacturer. Exclusively Trading in this Branch.
99 St. Mary's Street, - MANCHESTER, ENG.



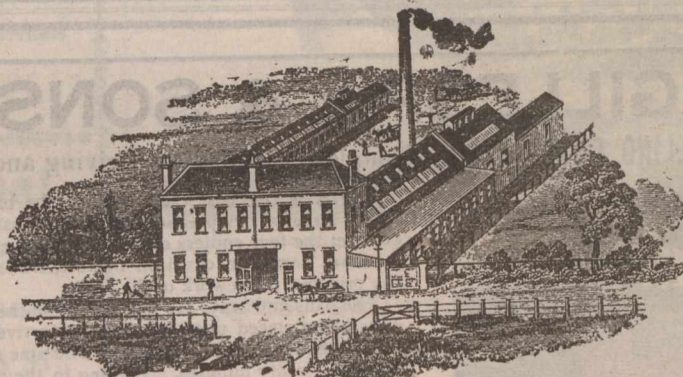
Telegrams,
SHUTTLE,
DUNDEE.



ESTABLISHED
1853

EMMOTT & CO.

McGregor
&
Balfour,
LTD.,



NORTH TAY WORKS.

DUNDEE, SCOTLAND.

Shuttle, Bobbin,
Picker Spring and
Spindle
Manufacturers.
Leather Factors,
Mill, Factory and
Engineers'
Furnishers.

INSURANCE, BANK and COMMERCIAL

PRINTING

Receives our Special Attention.

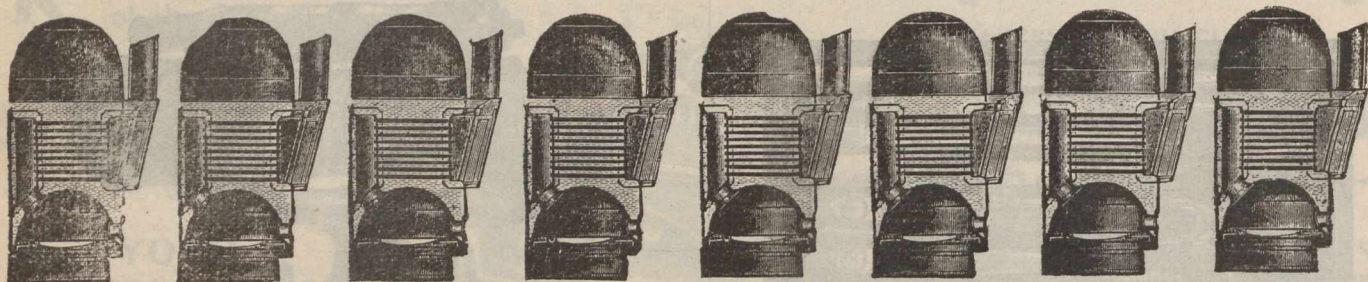
JOURNAL OF COMMERCE,

171 St. James Street MONTREAL.

COCHRAN VERTICAL MULTITUBULAR BOILERS

For Every Purpose.

Our Speciality—IMMEDIATE DELIVERY FROM STOCK.



COCHRAN & CO., ANNAN, LIMITED, ANNAN, SCOTLAND.

Special Prices to Canadians under the new Canadian Tariff.

Contractors to
THE ADMIRALTY
WAR OFFICE
ETC

YACHT FITTINGS A SPECIALITY

JOSEPH W^M RUSSELL & CO.

PROGRESSIVE WORKS **BRASSFOUNDERS**
E FINISHERS

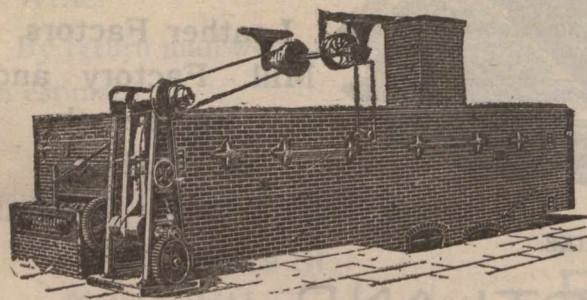
CHARLES ST.
ST. ROLLOX
GLASGOW SCOTLAND

TELEGRAPHIC ADDRESS
RUSSELL—GLASGOW

PLUMBERS
FITTINGS
SANITARY
OF WORK
ALL KINDS

ANDREW GILLESPIE & SONS, ENGINEERS

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



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

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

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

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

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

No.	Length over all.	Width of Baking Space.		PRICE.	Extreme Measurements.			Approximative Weight including Tiles.	Telegraphic Code Words.
		Ft.	Ins.		Ft.	Ft. Ins.	Ft. Ins.		
1	24	4	9		24 long,	10 3 wide,	8 6 high.	204	Alliance Allied Alligate Allow
2	30	4	9		30 "	10 3 "	8 6 "	222	
3	36	4	9		36 "	10 3 "	8 6 "	240	
4	40	4	9		40 "	10 3 "	8 6 "	262	
5	44	4	9						

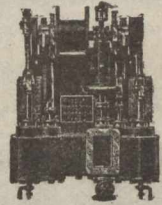
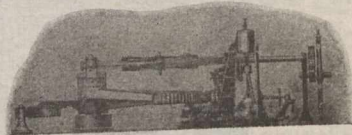
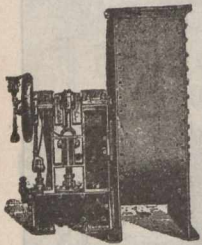
Contractors To The Admiralty.

DONKIN & CO.,

St. Andrew's Works,

Newcastle-on-Tyne, England.

Patentees and Makers.



Combined Hand & Steam Steering Gear for Direct Connection
with Rudder Head
(Wilson & Pirrie's Patent.)

Ash Hoisting Engine,
Patent Controlling Gear

DONKIN & CO., - Licensees & Makers.

Dominion Paper Co'y

134 MCGILL STREET;
MONTREAL.

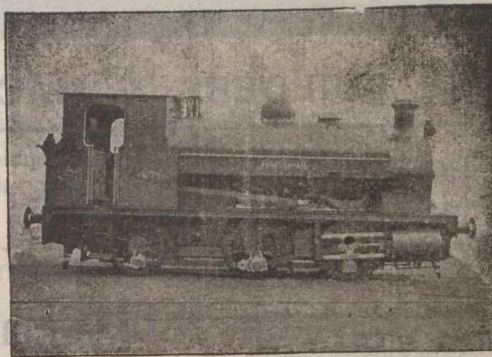
Mills at Kingsey Falls, P.Q.

Manufacturers of the following grades of

High Class Papers:

- Nos. 1 & 2 Book and Printing (Toned and White).
- No. 3 News and Printing " "
- White Tea and Bag.
- Bleached Manilla, Envelope, Bag and Wrapping.
- White Manilla, Tea and Wrapping.
- Unbleached Manilla, Tea and Wrapping.

Chapman & Furneaux..



Locomotive Engineers,

GATESHEAD-ON-TYNE, ENGLAND.

Manufacturers of Locomotives to suit any gauge of Railway and adapted to every variety of service. To burn Coal, Coke, Wood or Petroleum.

Cable Address: "BLACKTHORN, Gateshead-on-Tyne."

Speciality: Heavy Tank Engines for Mineral Traffic.

Commercial, Insurance

.. AND GENERAL

Book & Job Printing ..

EXECUTED WITH CARE AND PROMPTNESS

AT THE OFFICE OF

The Journal of Commerce

171 & 173 ST. JAMES ST.,

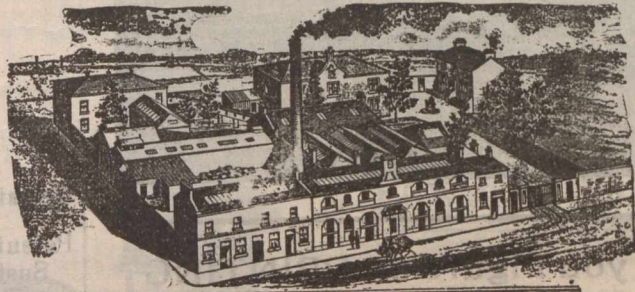
MONTREAL.



Bill Heads. Statements. Catalogues.
Note Heads. Business Cards. Folders.
Letter Heads. Circulars. Price Lists.
Etc., Etc.



Special terms to Canadians under the New Tariff.



DUNDEE AND ARBROATH
CONFECTIONS AND PRESERVE MANUFACTURING COY LTD.

.... MANUFACTURERS OF....

Jams, Jellies, Confectionery, Marmalades,
and Candied Peels.

All Communications to be addressed to Arbroath, Scotland.

Caverhill, Learmont & Co.,

Wholesale **HARDWARE & METAL MERCHANTS**

Caverhill's Buildings St. Peter St.,

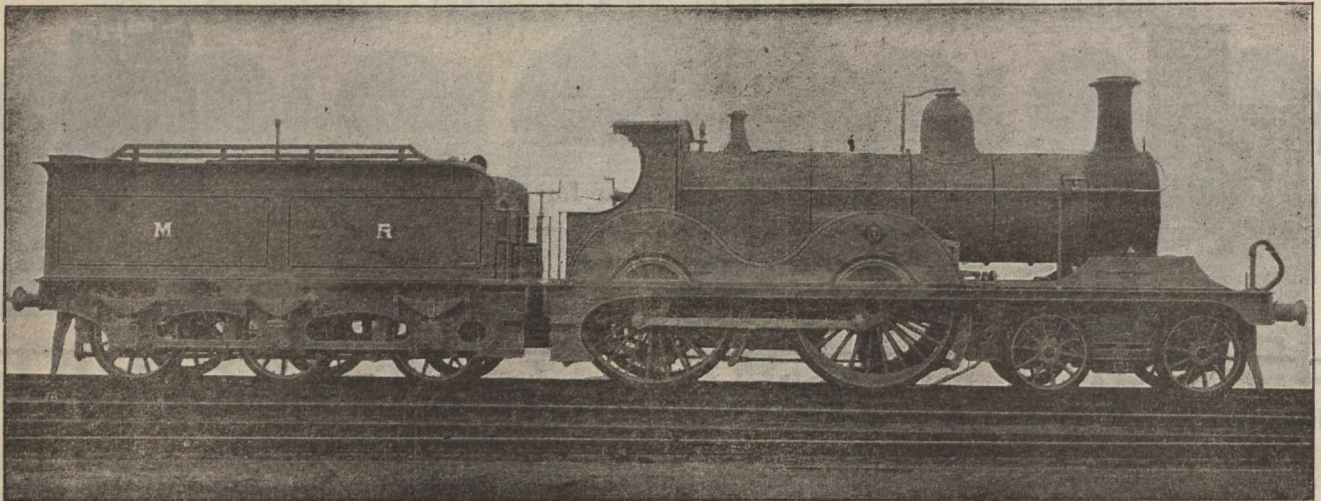
MONTREAL

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

Telegraphic Address:—"Loco., Glasgow."

SHARP, STEWART & CO., LTD.

Atlas Works, - GLASGOW, SCOTLAND



LOCOMOTIVE ENGINE BUILDERS & MACHINE TOOL MAKERS.

THE DUNDEE SHIPBUILDERS CO., LTD., Established 1842.
 Successors to ALEXANDER STEPHEN & SONS,
 Iron, Steel and Wood Shipbuilders and Repairers.
 DUNDEE, SCOTLAND.



**When you Figure on PRINTING
 FIGURE ON US.**

JOURNAL OF COMMERCE JOB DEPT.

ESTABLISHED 1777.

OIL MILLS.

On Anglo-American & other Systems, for every kind of Oil Seed & Nut.

COMPOUND FEEDING CAKE MILLS.

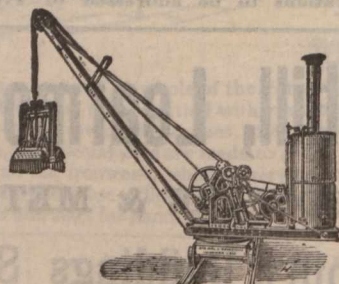
HYDRAULIC RAM AND PUMP LEATHER PACKINGS.

THE KINGSTON PATENT

Grab Dredgers

— AND —

Excavators.



Sole Manufacturers
 and Patentees :

ROSE, DOWNS & THOMPSON, Limited,

Works: Hull, Eng. ALSO AT 12 Mark Lane, London, E.C., Eng.
 74 Cortlandt St., New York.

Catalogues free in English, French, German, Russian and Spanish.

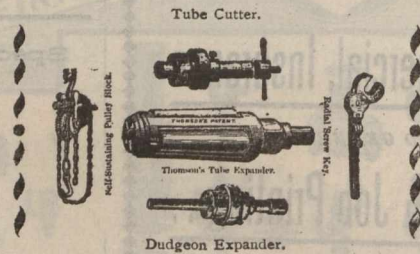
Telegraphic Address:—"EXPANDERS, GLASGOW."

William Thomson

& CO.,

General Engineers and Smiths,

57 Smith Street, KINNING PARK,
 Glasgow, Scotland.

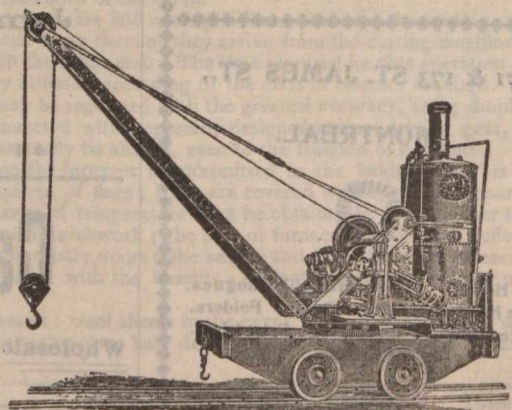


Repairs of every description promptly executed.

Patentees and Sole Makers of Thomson's Patent Self
 Sustaining Screw Pulley Blocks, Tube Expanders,
 Tube Cutters, Etc., Etc. Also Makers of Dud-
 geon's Tube Expanders.

JOHN GRIEVE Co.

MOTHERWELL, - SCOTLAND.



— MAKERS OF —

Steam, Hand,
 Hydraulic, **CRANES**
 Electric,

And all kinds of HOISTING MACHINERY. Designs & Estimates on application.

B. BULLOCK LIMITED.
 EXCELSIOR CONFECTIONERY WORKS,
DEWSBURY, ENG.

EVERYBODY'S MIXTURES.

LOZENGES
 PAN-GOODS
 GELATINE
 GOODS
 BOILED-SUGARS

JELLY TIT-BITS

ORIGINAL & SOLE MAKERS OF THE NOTED REAL YORKSHIRE HONEY & BUTTER TOFFEE.

SWEETS ALL AND EVERY SORT MADE TO ORDER.

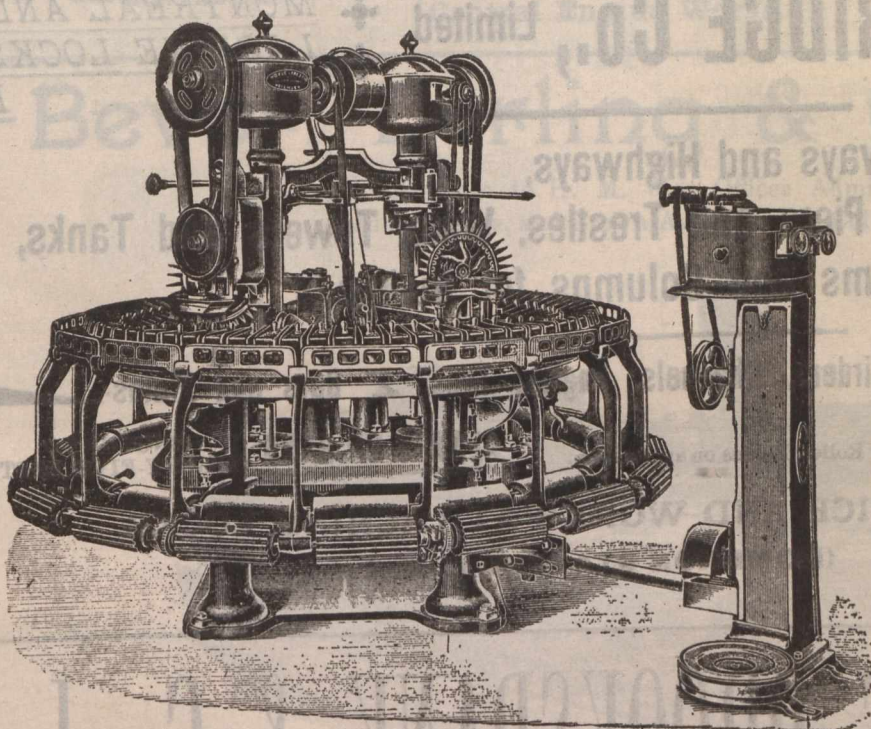
TELEGRAMS: "JONAS WELLS, KEIGHLEY."

IMPORTANT TO Engineers, Machinists, Colliery Proprietors, and Railway Wagon Owners, &c., &c.

JONAS WELLS,

Brass, Malleable Iron and Steel Founder,
GREENGATE WORKS, KEIGHLEY, Eng.

Special terms to Canadians under the New Canadian Tariff



HOYLE & PRESTON,
Machine Makers, Keighley,
ENGLAND.

GLOBE IRON WORKS.

Noble Wool Combing Machines, Lister Wool Combing Machines, Hand Wool Scouring Machines, Self-Acting Wool Scouring Machines, Hot and Cold Air Wool Drying Machines, Back Washing Machinery of every Description, Grease Presses on Screw or Hydraulic Principle, Yarn Scouring Machines, Yarn Crossing Presses, Warming Mills, all on the most recent and improved principles, all Accessories and Fittings pertaining thereto, all Description of Iron and Brass Castings, &c., &c.

MOUNT BROS.,

Manufacturers and
 Dealers in . . .

Electrical Supplies,

Wiring and Electric Light Contractors.
 Bells, Annunciators, Telephones, etc.
 784 Craig St. - Montreal.

Individual Evening Instruction.

ON
 Monday, Wednesday and Friday Evenings
 AT

Montreal Business College

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,
 42 Victoria Sq., Montreal

Edwards & Rawson, Limited,

SERGES: Blue (Indigo dyed) and all colors, Long Faced WOOLLENS, BAIZES, CAMLETS, &c.

Canal Mills, - Halifax, England.

ARTHUR GAGNON
 Manager Estate
 Hon. Jean L. Beaudry

L. A. CARON
 Auditor Town of Maisonneuve and of la Chambre 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 815.

Edwin C. Lewis Co.,

Contractors for the
 Installation of
 Electric Lights,
 Bells, Telephones,
 Etc., Etc.

Boston Office: 67 Federal Street, Boston, U. S. A.
 Montreal Office: Temple Building, Montreal, Que.

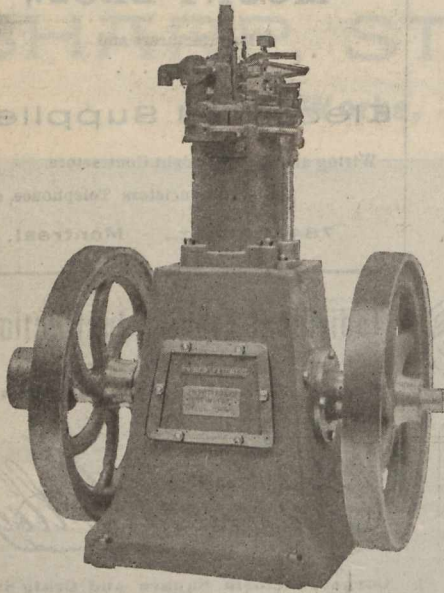
TO LET.

One Suite of Rooms in . . .

Bellevue Apartments,
 METCALFE ST.

Apply for Permit to

M. S. FOLEY.
 171 St. James St.



J. W. POTTER & CO.,

Engineers, OTLEY, ENGLAND.

Makers
of

Vertical and Horizontal
Oil Engines of the
Highest Class.

Special points worth noting. Economy of fuel, economy of space, (4 B.H.P. only requires 3 ft. 10 in. by 2 ft. 6 in. floor space.) Self ignition, saving oil, heat and smell, and doing away with the lamp nuisance.

Accurate Workmanship and Low Price.

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.

DOMINION BRIDGE Co., Limited,

MONTREAL AND
LACHINE LOCKS,
P.Q.

Bridges for Railways and Highways,
Piers and Trestles, Water Towers and Tanks,
Roofs, Girders, Beams and Columns for Buildings.

A large Stock of Rolled Steel Beams, Girders, Channels, Angles, Tees, Z Bars and Plates.

Tables, giving Sizes and Strength of Rolled Beams on application.

ALWAYS ON HAND IN LENGTHS TO THIRTY-FIVE FEET.

Post Office Address:
MONTREAL.

OFFICE AND WORKS AT LACHINE LOCKS,
(DOMINION STATION, C. T. Ry.)

Telegrams,
"QUADRUPLE,
KEIGHLEY."

SPECIAL Prices to
Canadians under the
New Canadian Tariff.

E. BROOKSBANK & Co., LTD.,
Station Oil and
Soap Works . . . **KEIGHLEY,**
England.

... THE ...
JOURNAL OF
COMMERCE



Spring Specialties
Knicker Hose and Fancy Sweaters.

A. MACDOUGALL & Co.,

MANUFACTURERS OF

Plain and Fancy Hosiery,

LANARK, SCOTLAND.

Patentees of Special Design Making Machine.

Established 1820.

Telegrams: "BREARLEY, SHIPLEY."

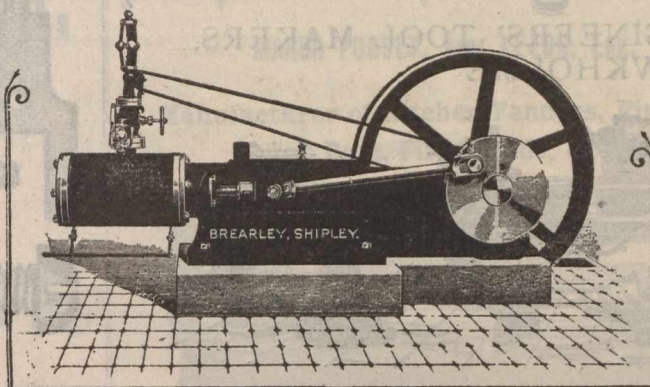
BOOK & JOB DEPARTMENT.

Send for Estimates.

171 St. James Street,

— MONTREAL. —

High Class Horizontal Disc Crank Steam Engine.



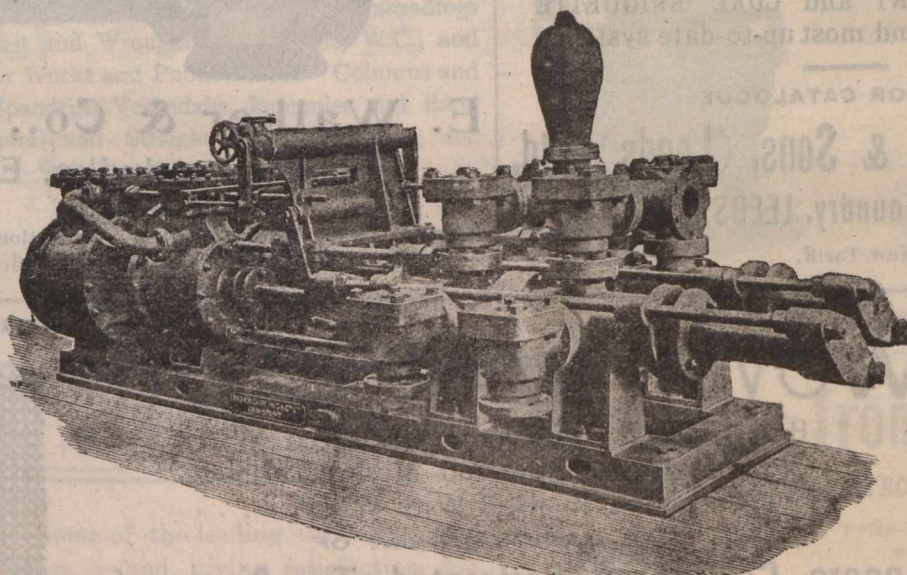
FAIRBANK BREARLEY,

Central Engine Works,

SHIPLEY, England.

Bever, Dorling & Co., Ltd.,

Contractors to H. M. War Offices Admiralty,
India Offices, and Crown Agent for the Colonies.



Makers of High-Class STATIONARY ENGINES for Factories, &c.
AIR COMPRESSOR ENGINES A SPECIALITY.

DUPLEX PUMPS

For Boiler Feeding, General Marine Purposes,
Mines and Hydraulic Power

IMPROVED TEA MACHINERY.

REGISTERED OFFICE AND WORKS:

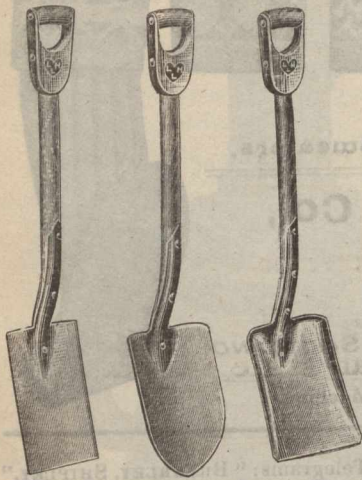
PATENT FRICTION CLUTCHES.

Queens Foundry,

Dewsbury, England.

TELEGRAMS: "LEEDHAM," LEEDS, ENG.

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



LEEDHAM & HEATON, Ltd.,

Armley Road Works,

LEEDS, ENGLAND.

MANUFACTURERS OF

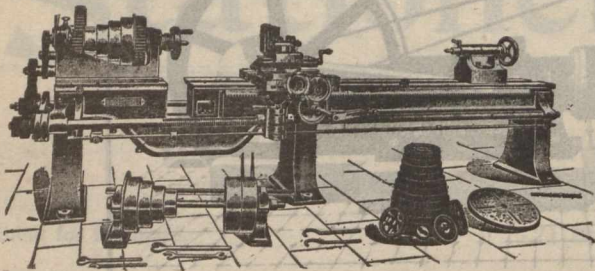
Spades, Shovels, Hammers, Picks, Wedges, Etc.



List of Prices on Application, Special Terms.

Pickersgill Bros. & Co.,

ENGINEERS' TOOL MAKERS, LAWK HOLME



KEIGHLEY, Eng.

BRICKMAKING MACHINERY.

On all Processes, "PLASTIC," "STIFF-PLASTIC," "SEMI-DRY" and "DRY-PRESS"—PRESSES, GRINDING MILLS, ENGINES, and ALL BRICK-YARD REQUISITES.

PORTLAND CEMENT and COAL BRIQUETTE PLANTS on latest and most up-to-date systems.

SEND FOR CATALOGUE.

William Johnson & Sons, (Leeds), Ltd.

Castleton Foundry, LEEDS, Eng.

Special terms under New Tariff.



THE BEST SCREWS
BEST IN ENGLAND
THE AUTOMATIC
STANDARD SCREW
COMPANY



MALIFAX ENGLAND.

By His Majesty's Letters Patent.

... THE ... Health Water Pipe.

It conducts water without poisoning it

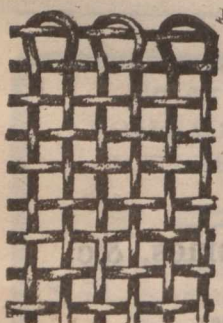


E. Walker & Co., Patentees,
Heckmondwike, Eng.

Highest Award British Medical Association Exhibition, also Two Gold Medals Awarded.

Established 1829.

TELEGRAMS: "FELT," BELFAST.



WOVEN WIRE CLOTH

Brass, Copper, Iron and Galvanized Wire Cloth in all Strengths and Meshes, Mining Screens and all kinds of Wire Work. . . .

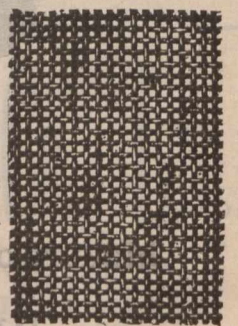
SOLE MANUFACTURER OF

Rogers Celebrated Perforated Tin Sieves for Meal Milling, &c.

SAMPLES AND PRICES FROM

JOHN ROGERS,

19 & 21 Queen's Square, BELFAST, Ireland.



The Roebling Construction Company,

Head Office: Liberty St., New-York.

MANUFACTURERS AND CONTRACTORS FOR

THE ROEBLING SYSTEM

...OF...

FIRE-PROOFING

Fire-Proof Floors, Ceilings, Partitions, Girder and Column Protection, Furring and Wire Lathing for Ornamental Plaster Effects, Exterior Wall Wire Furring, Etc.

Address all communications to **E. D. HOFELLER, Buffalo, N.Y.**

Sloan & Davidson.

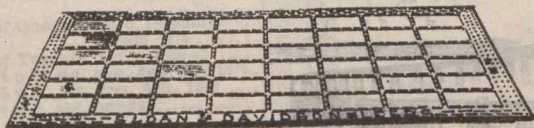
Architectural, Sanitary and General

IRONFOUNDERS

CARRICK FOUNDRY,

175 Kirkstall Road, - LEEDS, Eng.

4" x 3" Lenses.



No. 2 Semi-Prism Pavement Lights.

SPECIALITIES.

Rain Water Pipes and Gutters. Railings, Palisadings and Gates, in Cast and Wrought-Iron. Baths, W.C., and Urinal Ranges, for Works and Public Places. Columns and Brackets, Roof Spandrils, Verandahs, Balconies and Band Stands, etc. Spiral and Straight Stairs, Balusters, etc. Pavement Lights. Stall Board Lights.

Light, Plain and Ornamental Castings of all Kinds.

WE ARE DOING THE PRINTING.....

for some of the leading insurance companies — and giving satisfaction, too. We have the facilities for this class of Printing and can figure just about as close as anybody doing good work.

JOURNAL OF
COMMERCE,

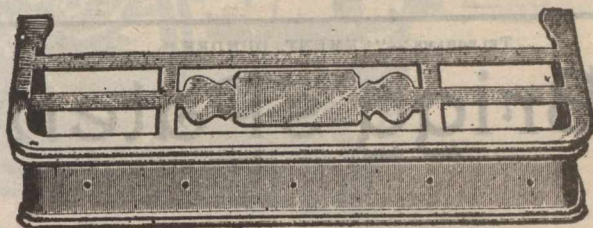
171
St. James Street,

MONTREAL.

ROBERT PEEL.

MARSH PUDSEY, near LEEDS, Eng.

Manufacturer of Kitchen Fenders, Fire Irons, Top Bars, Fire Stands, &c.



Prices on application.

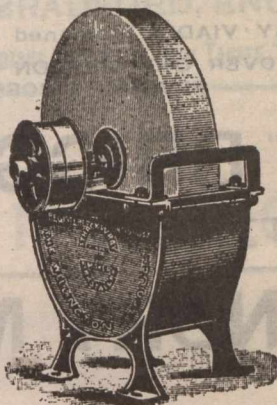
A. R. THACKWRAY,

Kirkstall Road, LEEDS, ENGLAND.

Manufacturer of All Kinds of

GRINDSTONES

Both Coarse and Fine Grit.

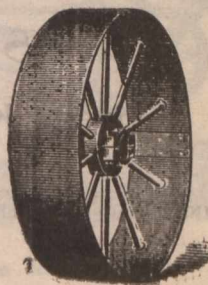


Sole Maker of the WELLINGTON TROUGH, REGISTERED.
SEND FOR CATALOGUE OF PRICES.

Wrought Iron Pulleys.

WELL FINISHED, STRONG and TRUE.

Price-lists and discounts on application.



Douglas, Lawson & Co.

Birstall, near Leeds,

ENGLAND.

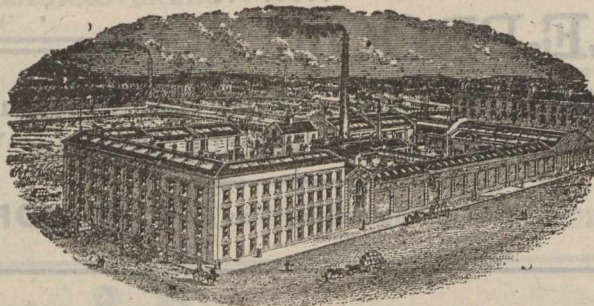
WM. CLEGHORN, DUNDEE, SCOTLAND. * *

OAKUM

Used by the Largest Ship Builders in Europe.
ALSO—ANTISEPTIC TOW FOR SURGICAL PURPOSES.

JUTE YARN

from 7 lbs. up to heavy rove, in single and twist and in bundle, warps, or balls for Rope-making, etc., etc.



WOOL (Imitation) for mixing with Wool.

All kinds of **TOWS** for Felt Manufacture.

LINEN and **COLORED JUTE** Thread Waste for Engine Cleaning, etc.

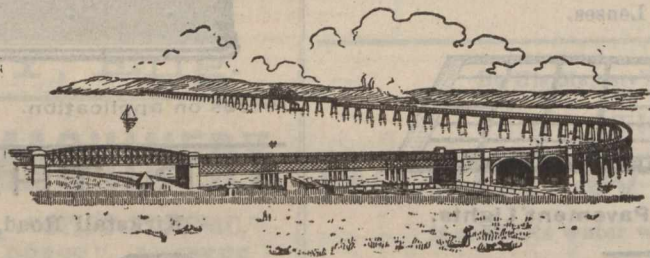
amples and Prices on Application to

Works:
ARKLAY ST.

WM. CLEGHORN, DUNDEE, SCOTLAND.

TELEGRAMS :—"CEMENT, DUNDEE."

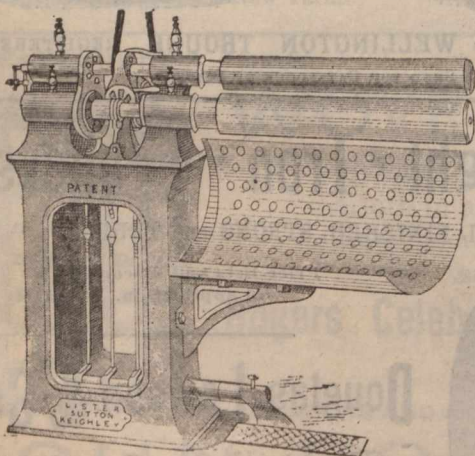
Brigg's Patent Viaduct Solution



TAY VIADUCT—Opened June, 1887—Length 10,500 feet.
AREA COATED OVER ONE MILLION AND A QUARTER SQUARE FEET.
SPECIAL PRICES TO CANADIANS UNDER THE NEW TARIFF.

WILLIAM BRIGGS & SONS, LIMITED, DUNDEE, Scotland.

High Class Modern **LAUNDRY MACHINERY,** Hand or Steam Power.



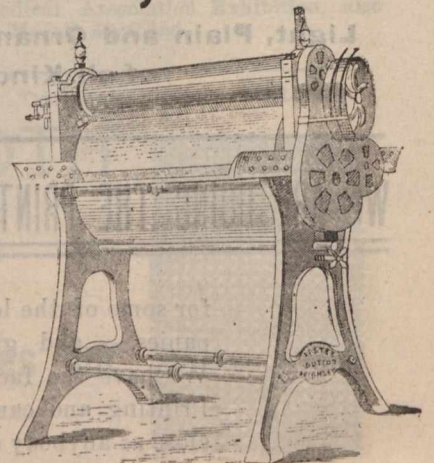
PATENT SKIRT AND BODY IRONING MACHINE. (Laundry Machinery under the New Tariff.)

James Lister & Co.,

LAUNDRY ENGINEERS,

**Lister Hill Works,
SUTTON,**

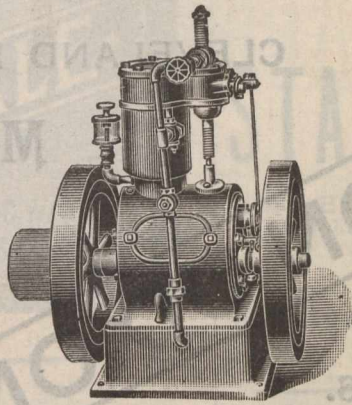
Near Keighley, ENG.



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

SECURITIES.		London Sept. 26.	
British Columbia, 1877 6 p.c.	104	108	
1887, 4½ per cent ...	90	92	
1891-3, 3 p.c.	105	107	
Canada, 4 per cent. loan, 1860	99	101	
3 per cent. loan, 1888-99	102	104	
Debs. 1884, 3½ per cent.	88	90	
2½ p.c. loan, 1897	105	107	
Manitoba, 1885-6, 5 p.c.			
Railway and other Stocks.		Sept. 26.	
Quebec Province, 5 p.c., 1874	103	107	
1876, 5 p.c.	103	107	
1880, 4½ p.c.	103	105	
1883, 5 p.c.	107	109	
Atlantic & Nth. Western 5 p.c. Gua 1st M. Bds	117	120	
100 Buffalo & Lake Huron \$10 shr.	13½	14	
100 do 5½ p.c. bonds.	135	139	
100 Can. Central 6 p.c. M. Bds. Int. guar. by Gov.			
Canadian Pacific \$100	117	117½	
Grand Trunk, Georgian Bay, &c. 1st M.	100	102	
100 Grand Trunk of Canada Ord. stock.	12½	12½	
100 2nd equip. mtg. bds. 5 p.c.	124	127	
100 1st pref. stock. 5 p.c.	100½	101½	
100 2nd pref. stock.	87½	87½	
100 3rd pref. stock.	38½	38½	
100 5 p.c. perp. deb. stock.	132	135	
100 4 p.c. perp. deb. stock.	107	109	
100 Great Western shares, 5 p.c.	127	130	
100 Hamilton & N.W., 6 p.c.			
100 M. of Canada Stg. 1st Mort. 5 p.c.	105	107	
100 Montreal & Champlain 5 p.c. 1st mtg. bds.	100	102	
100 N. of Canada, 1st mtg., 5 p.c.	100	102	
100 Quebec Central, 5 p.c. 1st Inc. Bds.	44	47	
100 T. G. & B. 4 p.c. bonds, 1st mort.	103	106	
100 Well., Grey & Bruce, 7 p.c. bds. 1st Mort.	111	115	
100 St. Law. & Ott. 4 p.c. Bds.	103	105	
MUNICIPAL LOANS.			
100 City of London (Ont) 1st pref 5 p.c.	101	104	
100 City of Montreal stg. 5 p.c. 1874	103	106	
100 City of Ottawa, 4½ p.c. stg. redeem 1873	101	104	
redeem 1875	104	106	
100 City of Quebec, 6 p.c. redeem 1875 .. redeem 1878	105	107	
100 City of Toronto, 4 p.c. 1889-93	100	102	
6 p.c. stg. con. deb. 1874-1876 ..	103	109	
5 p.c. gen. con. deb. 1879	113	115	
4 p.c. stg. bonds,	103	105	
100 City of Winnipeg deb., 1884, 5 p.c. Deb. scrip. 1881, 6 p.c.	108	110	
MISCELLANEOUS COMPANIES.			
100 Canada Company	34	37	
100 Canada North-West Land Co.	3	5	
100 Hudson Bay	21½	22½	
BANKS.			
Bank of British North America	65	67	
" Montreal	518	522	
Canadian Bank of Commerce	15	16	

The Sylvester Gas and Gasoline Engines



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

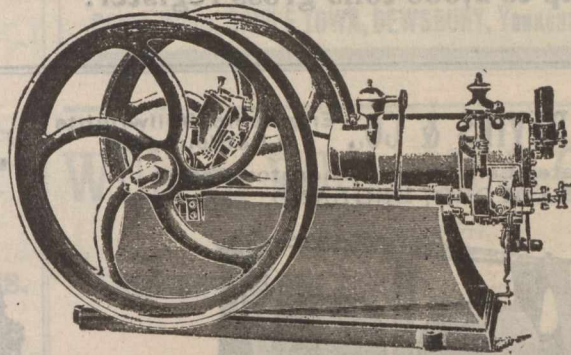
They are built in sizes from 1 to 20 horse power, upright and horizontal, for pleasure yachts, boats, shops, farm work and any purpose where light power is required.

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

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

New Patent Gas Engine.

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



Ignition Tube and Burner.

SPETCH & THOMAS,

SOLE MAKERS,

Paragon Engine Works, Longside Lane, BRADFORD, ENGLAND.

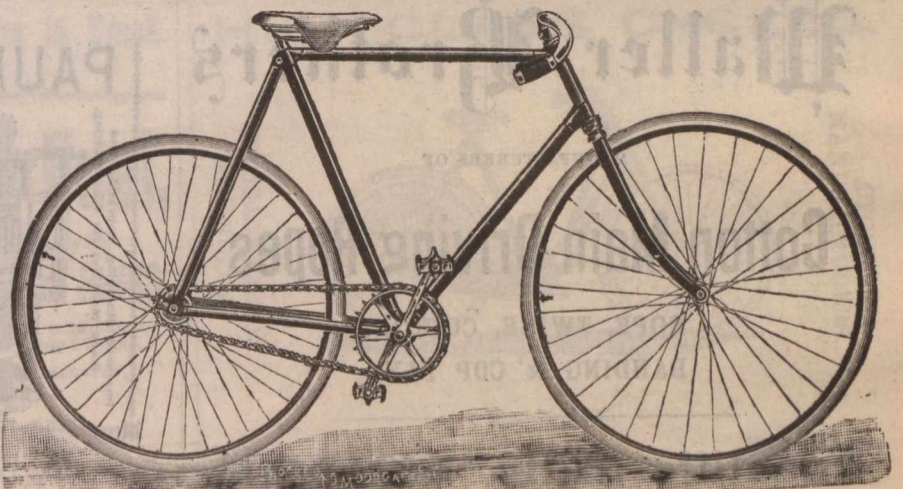
SPECIAL TERMS TO CANADIANS UNDER THE NEW TARIFF.

ESTABLISHED 1890.

"STRATHMORE" CYCLES.

IRVING BROTHERS,

Cycle Manufacturers, Gas Engine and Motor Engineers,
DUNDEE and COUPAR ANGUS, SCOTLAND.



Special Terms to Canadians under the New Tariff.



LARGEST
MAKER

IN THE
WORLD.

200
TO
300

IN
50 Different
Sizes in
Stock.

Can Despatch
on Receipt or
Wire.

ENGLAND.

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

Special attention
 and despatch given to

Repairs of Vessels,
 Engines and Boilers.

GRAVING DOCK, 576 Feet Long.

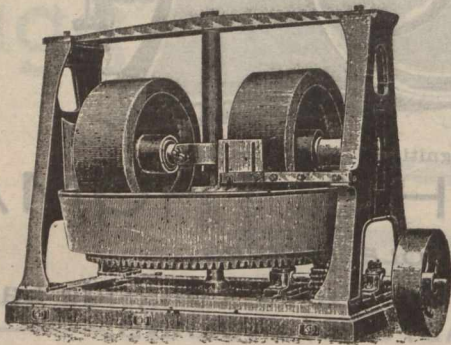
Hydraulic Slipway, capable of taking
 vessels up to 2,000 tons gross register.

Telegraphic Address :
 "DIXON, MIDDLESBRO'."

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

SIR RAYLTON DIXON & CO., LIMITED.

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



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

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

Repairs Promptly
 Attended to.

Special prices to Canadians under
 the New Tariff.

Telegrams :—"Waller, Greetland."

Waller Brothers

MANUFACTURERS OF

Cotton Main Driving Ropes

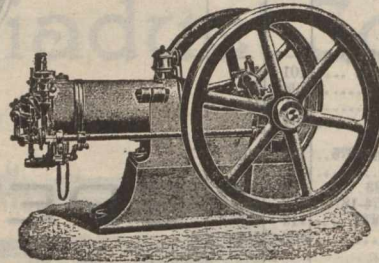
ROPE, TWINE, COTTON
 BANDING & COP FLY.

Onecliffe Mills, West Vale,
 near Halifax, England.

..Dewhurst's Gas Engine..

IMPROVED "OTTO"

LEADING FEATURES:



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

SOLE MAKER :

C. H. DEWHIRST,
GAS ENGINE WORKS,

Telegrams:
 "Dewhurst, Engineer, Keighley."

KEIGHLEY, Yorks, Eng.

Special Rates to Canadians under the Preferential Tariff

PAUL DRACUP & CO.,

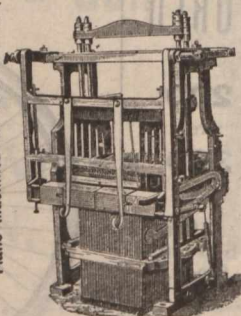
Makers of Double and
 Single Lift

JACQUARDS.

HARNES TIERS UP.

WEST END MILLS, Richmond Road,
BRADFORD.
 ENGLAND

Improved Stamping, Repeating and
 Piano Machines for Card Cutting.



SPECIAL PRICES TO CANADIANS
 UNDER THE NEW TARIFF



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

Tudhoe Ironworks,
Spennymoor, Durham, England.

MANUFACTURERS OF

MILD STEEL PLATES AND SHEETS

For BOILERS, LOCOMOTIVE FRAMES, &c.

Admiralty, War Office, Board of Trade, Lloyd's, Bureau Veritas,
British Corporation and other Tests.

Also SHIP, BRIDGE, and GIRDER PLATES.

LARGEST PLATES IN THE TRADE.

Steel Bars, Angles, Tees, Hoops, Strips, Single Round Edge Tyre
Bars for Carriages, Vans, and Omnibuses, &c.

ALL STEEL MADE BY SIEMENS' ACID PROCESS.

Of the Highest Quality.

IRON Bars, Angles, Tees, S.R.E. Tyre Bars, &c.

BRANDS:

STEEL, "WEARDALE STEEL," IRON BARS, "WEARDALE."
TUDHOE BEST SCRAP "TUDHOE CROWN and DIAMOND T."

PIG IRON.

WEARDALE, for Rollers, Cylinders, Plough Shares, and other Chilled
Castings. HEMATITE, for Steel Making and Foundry Purposes.

Colliery Proprietors and Coke Manufacturers.

House, Steam, Manufacturing, and Gas Coals. Coke for Foundry and Blast
Furnace use. Silica Bricks for Lining Steel Melting Furnaces.
Fire Bricks and Fire Clay.

OFFICES:

Tudhoe Ironworks, SPENNYMOOR, Mercantile Chambers, Quayside,
NEWCASTLE-ON-TYNE. 13 Grosvenor Chambers, Deansgate, MANCHES-
TER. George Yard, Upper Thames St., LONDON, E. C. Royal Exchange,
MIDDLESBROUGH. Victoria Terrace, WEST HARTLEPOOL.

WAREHOUSE:

GEORGE YARD, UPPER THAMES STREET, LONDON, E.C., ENG.

Nearly 3000 Tons of Steel and Iron in Stock.

If you want to Save Fuel,



Have your Pistons fitted with
The "ROWAN" PISTON RINGS,

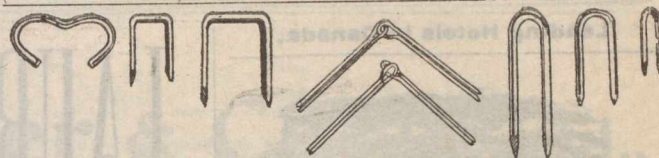
Perfectly Steam-tight, with a minimum of
friction. May be fitted to Existing Pistons.

Sole Patentee and Manufacturer,

JOHN HIND, JUN.,

8 Ulster Chambers,

... .. BELFAST, Ireland.



STAPLES,

TINNED & COPPERED
FLAT STAPLES.
LINGOES OR LOOM
WEIGHTS.

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

JOSEPH HIRST,

Kirklees Ironworks, Brighouse, Eng.

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

JOHN TURNER & CO.,

Manufacturers of **HORSE RUGS**

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

Merchants and Shippers only Supplied.

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

William Whitwell & Co., Ltd.,

Thornaby Iron Works,

Stockton-on-Tees, England.

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

PIG AND MERCHANT IRON.

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

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

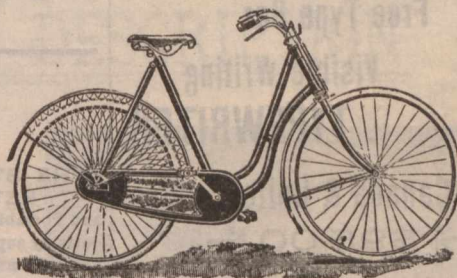
Capacity, 2,500 tons of Pig Iron, and 750 tons of Bar Iron, per week.

Brands for Merchant Iron: W. W. & CO. BEST SHOE, THORNABY BEST,
W. W. & CO. BEST, THORNABY BEST BEST, THORNABY, W. W. & CO.

Special Terms to Canadians under the New Tariff.

HIGH-CLASS CYCLES.

MOTOR CAR
MANUFACTURERS.



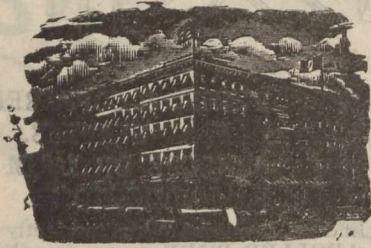
CYCLE
MANUFACTURERS.

SOLE MAKERS.

Wm. Sellers & Sons,

KEIGHLEY,
England.

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.

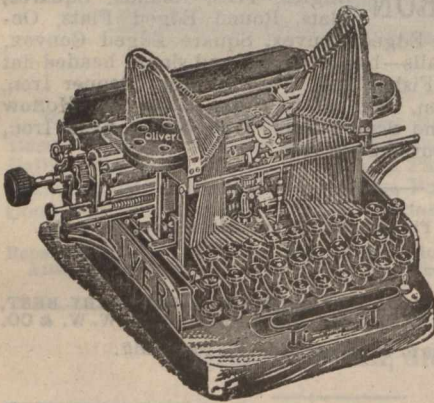
A. NELSON, Proprietor.

**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. JACQUES, Propr.



YOUR ATTENTION!

THE LIVER . . 
Free Type Bar
Visible Writing
 **. TYPEWRITER.**

Price in Canada & United States,
→ \$95.00 ←

LINOTYPE COMPANY,
156 St. Antoine Street,
MONTREAL.
Manufacturers for
CANADA AND SOUTH AMERICA.

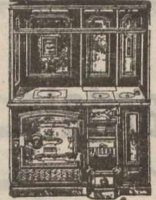
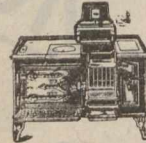
LAURIESTON IRON CO'Y,

Manufacturers of

Registers, Ranges

— AND —

Rain Water Goods,



Laurieston Foundry,
FALKIRK, - - Scotland.

THE CANADA SUGAR REFINING CO., Limited, MONTREAL.

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

Redpath

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

GUMP SUGAR, in 50 and 100 lb. boxes. **"CREAM" SUGARS**, (not dried).
"CROWN" GRANULATED, **YELLOW SUGARS** of all grades and Standards.
Special Brand, the finest which can be made. **SYRUPS** of all grades in brls. and half brls.
EXTRA GRANULATED, very Superior Quality. **SOLE MAKERS** of high class Syrup
in tins, 2 lb. and 8 lb. each.

At the Office of * * *
The "Journal of Commerce"
You can get everything in the line of
JOB PRINTING. **GIVE US A TRIAL ORDER**

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.

Telegraphic Address: "PATELLA, PAISLEY."

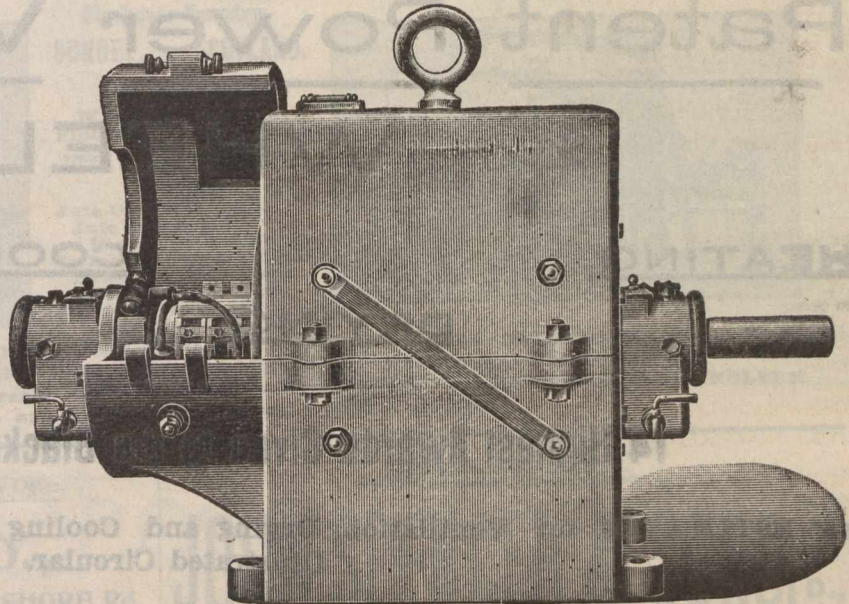
Paterson, Cooper & Co'y., Ltd.,

Manufacturers of
**Dynamos, Motors,
 Search Lights,
 Arc Lamps,
 Switchboards, Etc.**

Sole Makers of the . . .
**Phoenix Dead Beat Electro-Magnetic
 Ammeters and Voltmeters.**

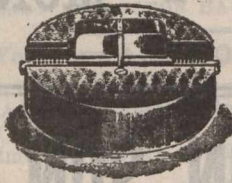
*Specially suited for Ship Work and Trans-
 mission of Power Circuits.*

**Patella Works,
 PAISLEY, SCOTLAND.**



ENCLOSED TYPE MOTOR.

CHUCKS!
 Reside's Improved
 2, 3 and 4-jaw
Chucks



For Brass Finishers,
 Engineers, &c.

**FOR STRENGTH and DURABILITY
 Are UNSURPASSED.**

Will be sent on approval. Send for Prices.

**Reside, Railway Terrace, Brighouse,
 YORKS. ENGLAND.**

Sim's Patent Casement Window.

Hinged to Open Inward. **JOHN SIM, Architect, MONTROSE, N.B., Scotland.**
 Absolutely Watertight.

Supplied to H.M. Public Works Office Royal National Lifeboat Institution, &c. Diploma, Edinburgh, 1890.
 Diploma & Gold Medal, Paris, 1891. Diploma, Birmingham, 1892.

Absolutely watertight, sash rises and opens inwardly, simple, durable.
 No stay required. Gun metal hinges. With or without springs. Falls
 automatically when closed. Guaranteed five years. Drawings and particu-
 lars on application.

USED FOR LIGHTHOUSES.

PRICE - Fittings from 10s. 6d. per Set

Apply to . . .

JOHN SIM,
 Architect,
MONTROSE, N.B., Scotland.

. . . Or . . .

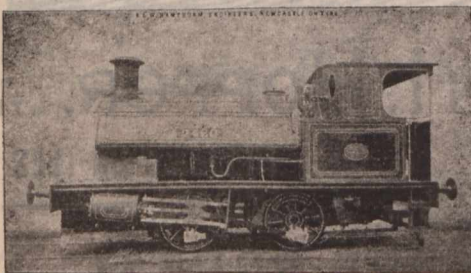
Messrs. BAIRD, THOMPSON & CO.,
 Sanitary Engineers,
 26 Bath St., - **GLASGOW, Scotland.**

R. & W. Hawthorn, Leslie ... AND Co., Ltd.

NEWCASTLE-ON-TYNE, ENGLAND.

Manufacturers of

LOCOMOTIVES OF EVERY DESCRIPTION

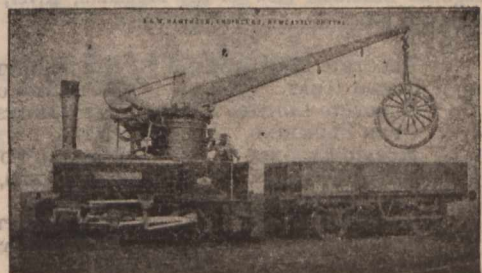


**PHOTOGRAPHS and
 SPECIFICATIONS
 ON APPLICATION.**

Standard Classes in Pro-
 gress and in Stock.

○ ○

*Special prices to Canadians under
 the New Tariff.*



SPECIALITIES. Combined Crane and Locomo-
 tive, Standard Tank Engines, 4 and 8 wheel coupled.

ENQUIRIES cordially invited which will have prompt and
 careful attention.

*** BLACKMAN'S ***

Patent Power Ventilating

*** WHEEL. ***

HEATING.

COOLING.

DRYING.

VENTILATING.

14 Highest Awards Given to the Blackman Air Propellor.

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

MILLER BROS. & TOMS, - Agents, - MONTREAL



The Bellevue Apartments,

On ST. CATHERINE ST., METCALFE ST.
and DOMINION SQUARE,

MONTREAL.

M. S. FOLEY, Proprietor.

PRIVATE TELEPHONE CALL,
Up 1019.

Elegant eight-storey Building, with Artistic Elevation and Three open Courts. The Latest Improvements. Forty-two Apartments, of Five, Six, and Seven rooms each. A few larger Suites of Nine to Thirteen rooms. Thoroughly Fireproof. New, Large, Light (outside). Modern and Airy. Spacious, Handsome Marble Entrance, and Arcade, Steel Elevator. Marble Stairs. Passages Illuminated by Electric Lights. Beautiful View of the Mountain, River, Islands, Dominion Square. Restaurant and Trunk Rooms.

ELECTRIC ELEVATORS,
STEAM HEAT,
ELECTRIC LIGHTS,
OPEN PLUMBING,
MOSAIC FLOORS,
MARBLE STAIRS,
CEDAR WARDROBES,
MESSENGER CALLS,
BOOK CASES,

HALL SERVICE,
HOT AND COLD WATER,
GAS RANGES,
BATHS,
MARBLE FOYER,
CUPBOARDS,
CLOSETS,
PAY TELEPHONE,
REFRIGERATORS,

NO TAXES.

Can be seen daily, Sundays and Evenings. Rents, \$300 to \$600 and upwards. Inspection by permission.

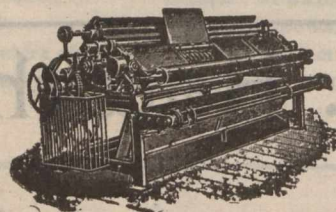
JANITOR ON PREMISES.

THOMSON, SON & Co.,

Engineers, Millwrights, Iron and Brass Founders,
Douglas Foundry, Dundee,
Scotland.

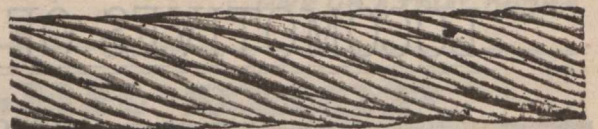
—MANUFACTURERS OF—

TURBINES, WATER WHEELS, HYDRAULIC PRESSES,
Hydraulic Cranes, Hydraulic Lifts,



Weaving Machinery for Jute,
Calendering Machinery,
Mangling Machinery, Saw
Mill Machinery, Bleaching
Machinery, Heavy Mill Gear-
ing by Wheel Work, Belts or
Ropes; Spur, Bevel and Mitre
Wheels & Pulleys moulded
by Machinery.

CABLE ADDRESS: "HOPPER."



JOHN I. HOPPER, LTD.,

**THORNABY-ON-TEES
ENGLAND.**

Manufacturers of
Every Description of

WIRE ROPES

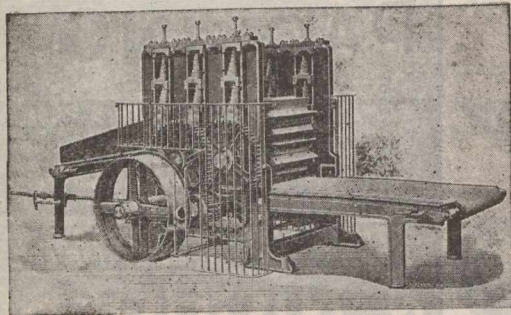
For Collieries, Mines, & all Hauling & Lifting purposes.

Special prices for Canadian Trade under the New Tariff

TELEGRAPHIC ADDRESS:—"ENGINEERS, DUNDEE."

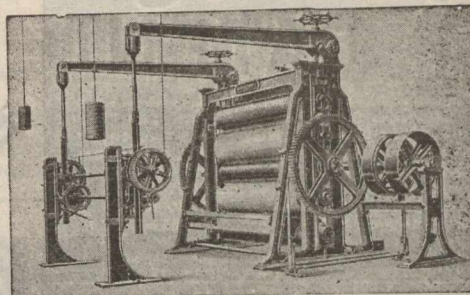
URQUHART, LINDSAY & CO., Limited,

Engineers, Millwrights and Machine Makers,



Blackness Foundry,
DUNDEE, - SCOTLAND.

Makers of all kinds of
Weaving and Cloth-
Finishing Machinery for
JUTE & LINEN FABRICS;
INCLUDING
Jute Openers;
Jute Softeners;
Bleaching Machinery
Twine Tarring Machines
Patent Cop and Warp
Winding Machines;
Patent Beaming and
Starching Machines;



Makers of all kinds Patent **CROPPING MACHINES** MEASURING & DAMPING MACHINES; CALENDERS; Patent Hydraulic
CALENDER-MANGLES; STRIPPING, CRISPING and LAPPING MACHINES; CALENDEROYS, &c.;
STEAM ENGINES, Shafting, and Gearing; Cranes, Elevators, Fire-proofing, and other Cast-iron Works; also, LINOLEUM
MACHINERY; and Hydraulic Presses and Pumps of all Sizes.

Contractors to the British Admiralty and India Office.

H. Charlton & Co.,

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

YOU WANT **ANCHORS?**

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



YOU WANT **FANS?**

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

Sole Manufacturers of

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

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

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

Journal of Commerce Job
Department for Printing.

ESTABLISHED 1810.

JOHN SPENCER & SONS, L^TD.,

(Works:—At NEWBURN and OUSEBURN, NEWCASTLE-ON-TYNE),

Newburn Steel Works,
NEWCASTLE-ON-TYNE, ENGLAND,

Offices: { Newcastle-on-Tyne: 27 Westgate Road,
London: Cannon Street Buildings, 139 Cannon Street.

ON ADMIRALTY LIST.

MANUFACTURERS OF STEEL

By the Siemens', Cementation, and Crucible Processes.

SHIP and BOILER PLATES up to 11 Feet Wide.

Ingots, Slabs, Blooms, Billets, and Bars of all sizes.
Rivet Steel. Special Mild Steel for Boiler Flues.

STEEL FORGINGS, STEEL CASTINGS,

Of all descriptions, to any weight, Rough or Mashed.

CRANK AXLES & SHAFTING HYDRAULIC PRESSED.

Springs.—Laminated, Volute, Patent Improved Volute, Conical, Spiral (Original Manufacturers of Volute Springs).
Buffers, of Wrought and Cast Iron, of all descriptions. Best Cast Steel for Tools from finest Dannemora Brands. Best Cast Steel Files. IRON FORGINGS of all kinds.

FOSTER'S & FOWNES' Patent CRANK SHAFTS.

WASTENEYS SMITH'S PATENT STOCKLESS ANCHORS,

Special price to Canadians under the New Tariff.

THE ROSE STREET FOUNDRY

and Engineering Company, Limited,

+ ROSE STREET, +

INVERNESS, - - Scotland.

— MANUFACTURERS OF —

RAILWAY CHAIRS, GRATES, FENDERS

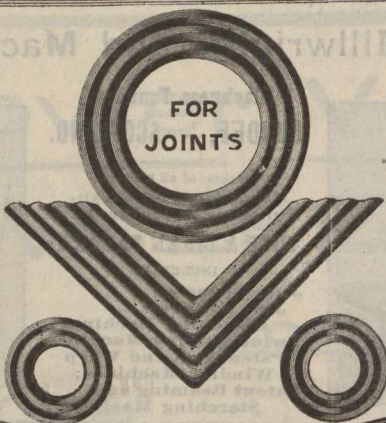
— Etc., Etc. —

TAYLOR'S PATENT

CONTRACTORS TO THE ADMIRALTY

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

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



METALLIC PACKING.

& SPANISH ROYAL NAVAL COMMISSION

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

THESE RINGS MANUFACTURED IN BRASS COPPER GUN METAL & STEEL

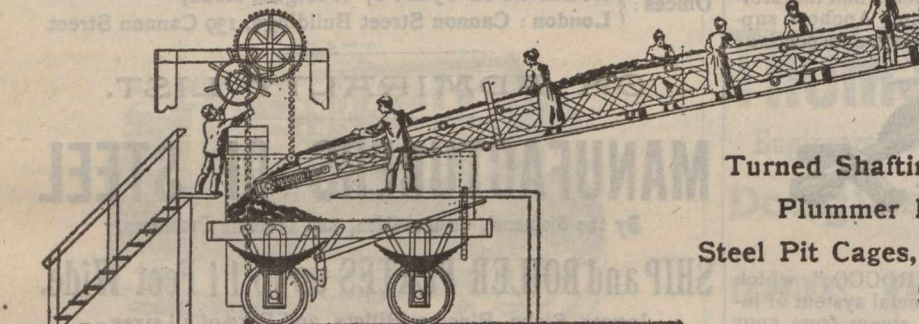
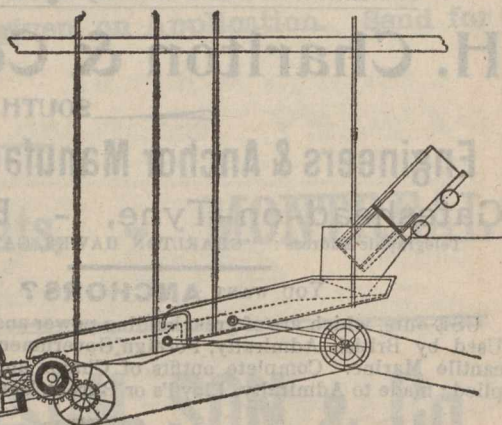
& NICHOLSON
SOUTH SHIELDS

ANDERSON BROS.,

Engineers and Manufacturers,

Crown Smith Works, COATBRIDGE, SCOTLAND.

Iron and Steel Roofing, Coal Screening Plant,
Revolving Hutch Tippers,
Cadzow Hand Adjustable Coal Picking Bands.



Turned Shafting, Sinking Kettles,
Plummer Blocks, Cellar Hoists,
Steel Pit Cages, Steel Hutches,
Smith Forgings, &c.

L. WRIGHT & SON,

WRIGHT'S CELEBRATED NAVY BISCUITS.

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

Established over 100 Years.

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

AMOS COWEN,

Builder & Contractor

294 Peel Street,
MONTREAL, Que.

Insurance.

The Federal Life ASSURANCE COMPANY.

HEAD OFFICE, HAMILTON, CANADA.

Capital and Assets - - - - \$2,149,055.92
 Surplus to Policyholders - - - 1,025,317.85
 Paid Policyholders in 1900 - - - 170,813.58

MOST DESIRABLE POLICY CONTRACTS.

IAS. H. BEATTY, President. DAVID DEXTER, Managing Director.
 J. K. McCUTCHEON, Sup't. of Agencies.
 H. RUSSELL POPHAM, Provincial Manager.

THE YOUNG GIANT.

In Canadian Financial Circles is undoubtedly the

MANUFACTURERS and TEMPERANCE and GENERAL LIFE ASSURANCE COMPANY.

Business in force on Aug. 31, 1901, over... \$27,000,000.00
 Business in force on Dec. 31, 1890..... \$10,314,528.00

This shows the tremendous increase of over \$16,685,472.00 or over 161 p.c. in a little more than 10 years.

HON. G. W. ROSS, President. J. F. JUNKIN, Managing Director.
 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..... 34,472,795 | 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. SIMS, Secretary
 C. R. G. JOHNSON, Res. Agent, 1723 Notre Dame St., MONTREAL.

The Mutual Life INSURANCE COMPANY

OF NEW YORK.

RICHARD A. McCURDY, President.

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

Assets, - \$184,935,690.80

Reserve on Policies (American Table, 4 p.c.).....	\$168,221,916
Liabilities other than Reserve	1,622,951
Surplus.....	15,089,822
Receipts from all sources.....	41,953,145
Payments to Policy holders.....	20,885,472
Whole Life Risks assumed and renewed, 219,318 policies	637,728,276
Risks in force : 273,213 policies, amounting to.....	801,867,478

NOTE.—The above statement shows a large increase over the business of 892 in amount at risk, new business assumed, payments to policy-holders, receipts, assets and surplus; and includes as risks assumed only the number and amount of policies actually issued and paid for in the accounts of the year

AGENTS WANTED. Apply to

FAYETTE BROWN, Manager, MONTREAL.

(FOUNDED 1825.)

Law Union & Crown Ins. Co.,

(OF LONDON.)

Assets exceed, - - - \$22,000,000.

Fire risks accepted on most every description of insurable property.

Canadian Head Office: BEAVER HALL, MONTREAL

J. E. E. DICKSON, Manager.

Agents Wanted throughout Canada.

THE NORTH AMERICAN LIFE ASSURANCE COMPANY.

Head Office: 112-118 King St. West, TORONTO, Ont.

The following figures taken from the last financial statement show the unexcelled financial position to which the Company has attained. It has

Assets	\$ 3,977,263.88
Cash Income.....	1,005,970.55
Net Surplus.....	500,192.39
Insurance in Force.....	25,575,142.00

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

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

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

OILS.

The IMPERIAL OIL COMPANY, Ltd.

—REFINERS AND MANUFACTURERS OF—

CANADIAN PETROLEUM PRODUCTS,

Under New Patent Process

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

Refineries: SARNIA and PETROLIA, Ont.

Branches:

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

—SELLING AGENTS FOR PROVINCE OF ONTARIO—

The QUEEN CITY OIL COMPANY, Limited,

Head Office: TORONTO, Ont.

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

NEW YORK LIFE

INSURANCE COMPANY.

JOHN A. McCALL, President.

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

AN UNPARALLELED RECORD.

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

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

R. HOPE ATKINSON.

AGENCY DIRECTOR,

Company's Building, MONTREAL

J. DUNCAN DAVISON

Imperial Bdg. 107 St. James Street,
Montreal.

→ COMMISSIONER

For Following Provinces:

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

LIVERPOOL & LONDON & GLOBE

INSURANCE COMPANY.

Available Assets, - - \$58,553,900

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

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

Canada Board of Directors:

EDMOND J. BARBEAU, Chal. man.

WENTWORTH J. BUCHANAN, Deputy Chairman.

A. F. GAULT, SAML. FINLEY, E. S. CLOUSTON.

G. F. C. SMITH, Resident Secretary.

Head Office, Canada Branch:

MONTREAL.

THE WATERLOO MUTUAL

Fire Insurance Company.

Established in 1863. Head Office, Waterloo, Ont.

Total Assets, Jan. 1, '94, \$349,734 71.

GEORGE RANDALL Esq., President; JOHN SHUH, Esq., Vice President; Frank Haight, Esq., Manager; John Kihler, Esq., Inspector.

UNCONDITIONAL POLICIES

ARE ISSUED BY THE . . .

CONFEDERATION LIFE ASSOCIATION.

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

Full information sent on application.

H. J. JOHNSTON,

Prov. Manager,

174 ST. JAMES ST.,
MONTREAL.

W. C. MACDONALD,
Actuary.

J. K. MACDONALD,

Managing Director.

Head Office, - TORONTO.

Royal-Victoria Life Insurance Company.

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

HEAD OFFICE:

MONTREAL.

INCREASE IN BUSINESS IN 1900, COMPARED WITH 1899.

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

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

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

B. S. & W. WHITELEY

Press
Paper
Manufacturers,

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

WESTERN ASSURANCE COMPANY.

FIRE AND MARINE. Incorporated 1851.

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

Head Office, - Toronto, Ont.

Hon. Geo. Cox, Pres. J. J. KENNY Vice-Pres. & Man. Dir

C. C. FOSTER, Secretary.

Montreal Branch, - 189 ST. JAMES STREET.

ROBT. BICKERDIKE, Manager.

ROUTH & CHARLTON, City Agents.

THE IMPERIAL INSURANCE COMPANY LIMITED

FIRE.
LONDON.

ESTABLISHED 1808.

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

Canadian Branch:

COMPANY'S BUILDING, PLACE D'ARMES, MONTREAL.
G. B. KEARLEY, Resident Manager.

NATIONAL ASSURANCE COMPANY

OF IRELAND.

ESTABLISHED 1822.

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

Canadian Branch:

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

H. M. LAMBERT, . . . MANAGER.

DISTINCTIVE QUALITIES

—OF—

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

Purity, Brightness, Loftiness.

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

COMMERCIAL UNION

ASSURANCE CO., Ltd.,

Of London, England.

FIRE LIFE MARINE

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

HEAD OFFICE, Canadian Branch, - MONTREAL.
JAMES MCGREGOR Manager.