

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. 5.
New Series.

MONTREAL, FRIDAY, AUGUST 2, 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.



NATURAL MINERAL WATER

is well known to, and highly recommended by, members of the Medical Profession as a specific for the cure of a large number of diseases; such as Female Troubles, Rheumatism, Indigestion, Dyspepsia, Kidney Complaint, Salt Rheum, and ailments of every kind arising from impurities of the blood, etc. It is deemed to be unsurpassed in all cases of General Debility.

The marvelous curative powers of the Abenakis Mineral Spring Water, named for the Abenakis tribe of Indians, were well known to these and other Indian tribes, many of whom are said to have come great distances to procure restored health and strength from the use of the "Water of Life," as they called the waters.

The Mineral Water is used as a beverage and for baths. It is bottled at the Springs and shipped to all parts of the country. Write for large Descriptive Booklet, Testimonials and Analysis of the Abenakis Mineral Water.

RUFUS G. KIMPTON, - Manager.
ABENAKIS SPRINGS HOTEL CO.
ABENAKIS SPRINGS, QUE.

Special Agent . . . F. LOHMANN, Montreal.
346 St. James Street,

X The following Brands Manufactured by . . . X

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.

X . . . X

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

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.

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.

R. HUDSON

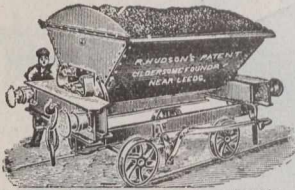
Gildersome Foundry, near LEEDS. ENG

Telegrams—
Foundry, Gildersome
& B C Code used

5 Minutes' walk from
Gildersome Station, G.N.
Railway.

National Telephone
No. 14,
Leeds Exchange.

Leeds to Bradford via Tingley.
30 Minutes' walk from Morley Station, L. & N.W. Ry



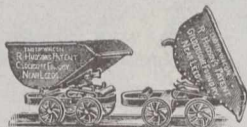
59—R. H.'s Patent 6-Ton Steel Double Side Tip Wagon, to work with ordinary tip Wagons



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



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



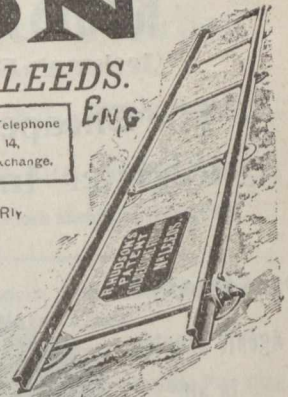
30—R. H.'s Patent End Tip Wagon. Made to any gauge and any capacity.



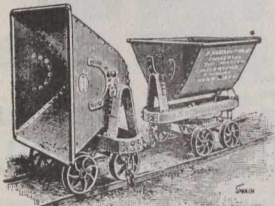
76—Hand Trolley, made to carry any weight or to suit any rail gauge.



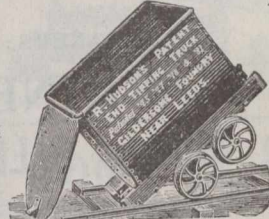
70—R.H.'s Patent Steel Mining Wagon



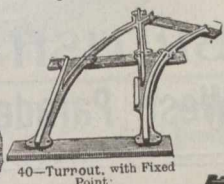
43—R. H.'s Patent Railway. 1/2" Bolts, Rivets, or Loose Parts. Will last ten times as long as the ordinary kind. Guaranteed thoroughly satisfactory



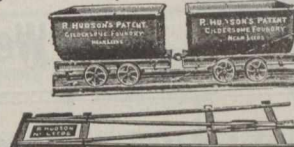
50—R. H.'s Patent Double-Centre Universal Tip Wagon tipping either Endways or Sideways at will



1—R. H.'s Patent Steel End Tip Wagon



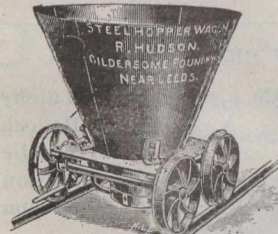
40—Turnout, with Fixed Point



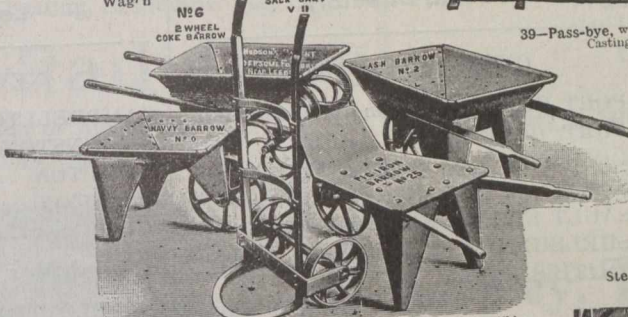
39—Pass-by, with Fixed Points Castings only



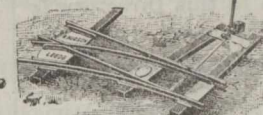
17—R. H.'s Patent Self-contained Ball Bearing Turntable, dispensing with Lubrication and Masonry Foundations



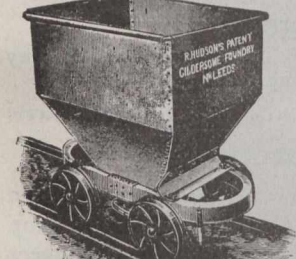
27—Hopper Wagon, with Slide Door



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



10—Left-hand Steel Points & Crossing



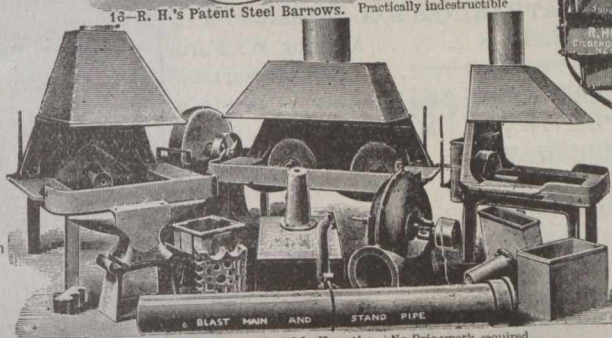
69—R. H.'s Improved Steel Hopper Wagon with Slide Door



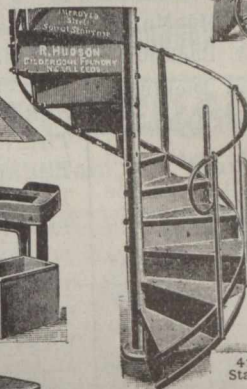
39—Pass-by, with Fixed Points Castings only



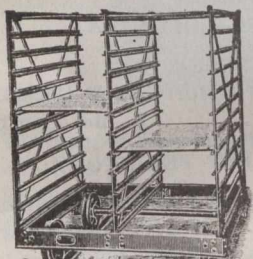
67—R. H.'s Improved Steel Ladder. Strong, very light, and durable



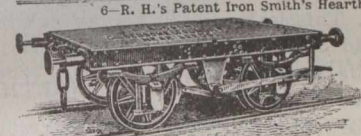
6—R. H.'s Patent Iron Smith's Hearths. No Brickwork required



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



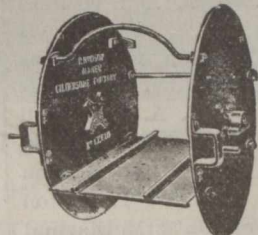
68—Cake Drying Wagon



56—10-Ton Platform Railway Wagon



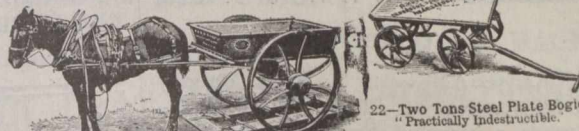
58—Steel Plate Bogie



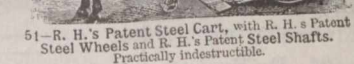
78—Tippler for Mining Wagons



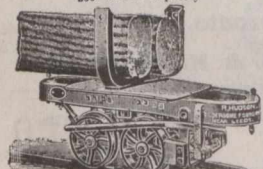
71—R. H.'s Improved Steel Tank Cart. 200 Gallons capacity



22—Two Tons Steel Plate Bogie. Practically indestructible.



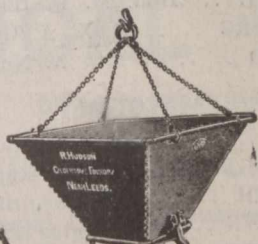
51—R. H.'s Patent Steel Cart, with R. H.'s Patent Steel Wheels and R. H.'s Patent Steel Shafts. Practically indestructible.



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



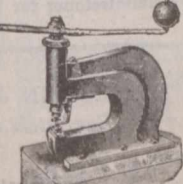
70—Foundry Fettling Box



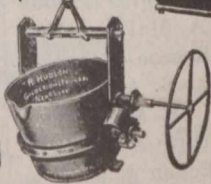
57—Steel Coal Box with Drop Bottom



4—Furnace Coal Wagon



33—Fly Punch



28—Foundry Ladle



Self-righting Steel Tip Bucket, fitted with Patent Self setting Catch if required



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



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



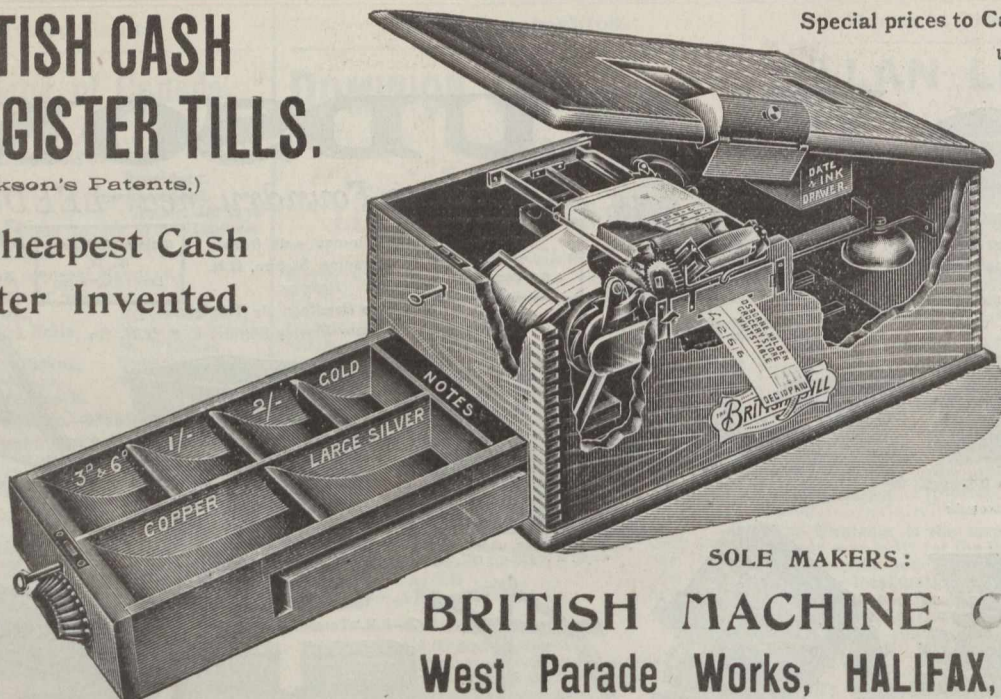
62—Mining Kibble with or without Valve in bottom

The BRITISH CASH REGISTER TILLS.

(Jackson's Patents.)

The Cheapest Cash Register Invented.

Special prices to Canadians under New Tariff.



SOLE MAKERS:
BRITISH MACHINE Co., Ltd.,
West Parade Works, HALIFAX, ENGLAND.

Agents Wanted
In all
Canadian Cities.

Legal Directory.

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

NEW YORK STATE.

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

ONTARIO.

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

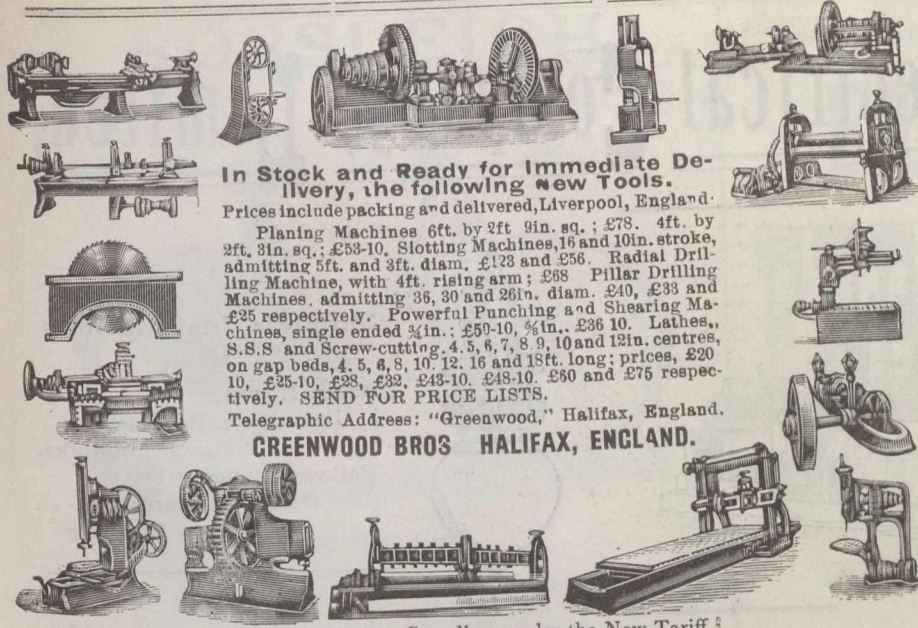
CALGARY . . . Lougheed & Bennett
CALGARY . . . McCarthy & Stuart
EDMONTON . . . Bown & Robertson
RED DEER, Alberta . . . Geo. W. Greene

Legal.

Toronto, Ont.

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

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



In Stock and Ready for Immediate Delivery, the following New Tools.

Prices include packing and delivered, Liverpool, England.
 Planing Machines 6ft. by 2ft 9in. sq.; £78. 4ft. by 2ft. 3in. sq.; £53-10. Slotting Machines, 16 and 10in. stroke, admitting 5ft. and 3ft. diam. £123 and £56. Radial Drilling Machine, with 4ft. rising arm; £68. Pillar Drilling Machines, admitting 36, 30 and 26in. diam. £40, £33 and £25 respectively. Powerful Punching and Shearing Machines, single ended 3/4in.; £50-10, 1/2in.; £36 10. Lathes, S.S.S and Screw-cutting, 4, 5, 6, 7, 8, 9, 10 and 12in. centres, on gap beds, 4, 5, 6, 8, 10, 12, 16 and 18ft. long; prices, £20-10, £25-10, £28, £32, £43-10, £48-10, £60 and £75 respectively. SEND FOR PRICE LISTS.

Telegraphic Address: "Greenwood," Halifax, England.
GREENWOOD BROS HALIFAX, ENGLAND.

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.

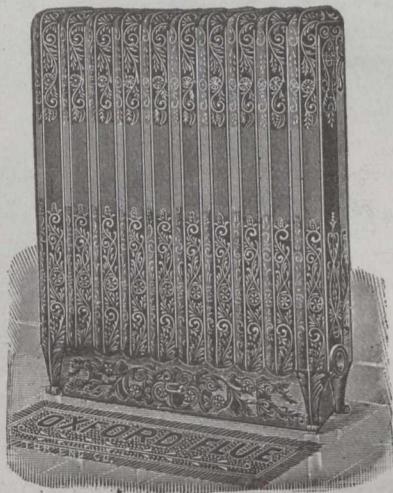
Drain Pipes, Vent Linings,
 Fire Covers, Fire Bricks, Fire Clay
 Whiting, Plaster of Paris,
 Borax, China Clay, etc.

PERPLEXED? DON'T BE

If it's a question of heating, Remember that

Oxford Radiators

For Hot Water or Steam—a
 guaranteed success



Their reputation for efficiency, simplicity and durability is world-wide.

They are made in countless sizes and styles to suit every requirement.

Gracefully designed—with iron to iron joints—they give universal satisfaction.

Fullest information in our catalogue. Have you one?

The GURNEY-MASSEY CO., Limited, MONTREAL.

PILE SHOES

With Chilled Points

(Copley & Co's Patent),

For

PILE WORK of Every Description.

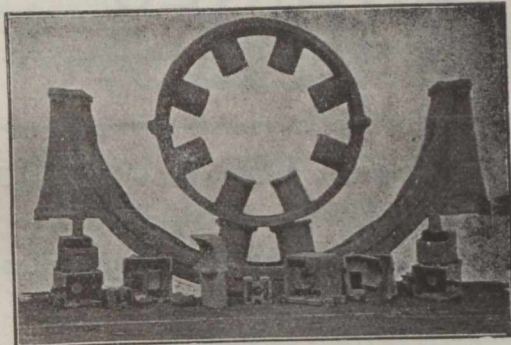
PRICES AND TESTIMONIALS
 ON APPLICATION.

Copley, Turner & Co., Ltd.

MIDDLESBOROUGH, ENGLAND.

JOHN ROGERSON & Co. Ltd.

Wolsingham, Co. Durham, England.



Special **MAGNET STEEL CASTINGS** of all sizes and weights.

STEEL FORGING of every description.

STEEL CASTINGS FOR MINES, &c.

CHEMICAL PLANT

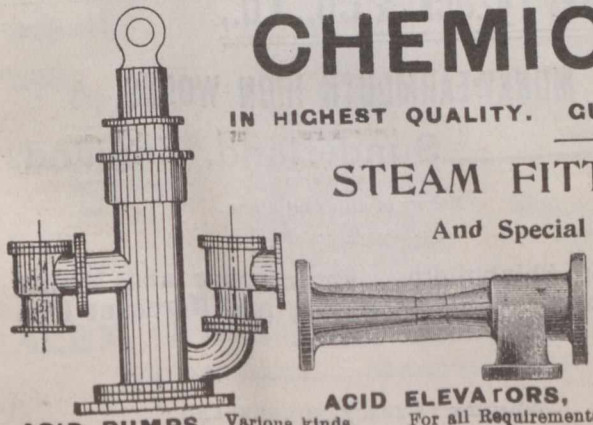
IN HIGHEST QUALITY. GUARANTEED NON-CORROSIVE METALS.

STEAM FITTINGS, CASTINGS, INGOTS,

And Special Goods in various Metals and Alloys.

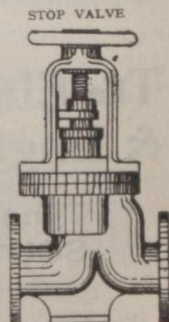
CHEMICAL PLUMBING

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



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

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



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

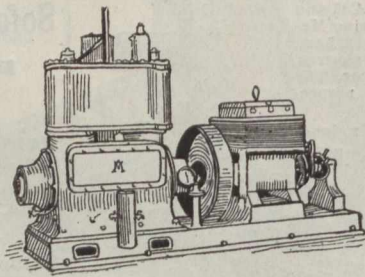
M'Alpine's Electrical Company, Limited,

Lighting...

— AND —

Power

ENGINEERS.



Complete Installations

.. FOR ..

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

60 Bath Street, GLASGOW, SCOTLAND.

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.

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.

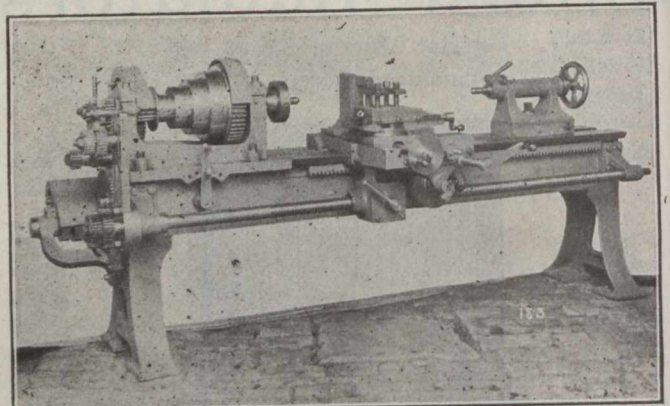
Tyne Dock Entrance,
SOUTH SHIELDS, ENGLAND.

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

Special prices to Canadians under the New Tariff.

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.
No. 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,

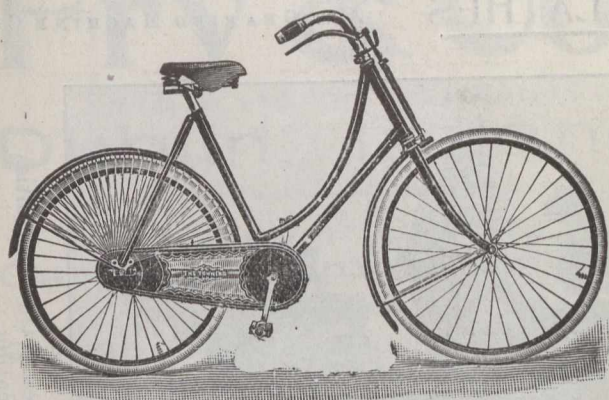
Sunderland, England.

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

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

Telegrams: "TYZACK, SUNDERLAND."

ROSSLEIGH



THE ROSSLEIGH.

As Supplied to H. M. Government.

Cycles and Motors.

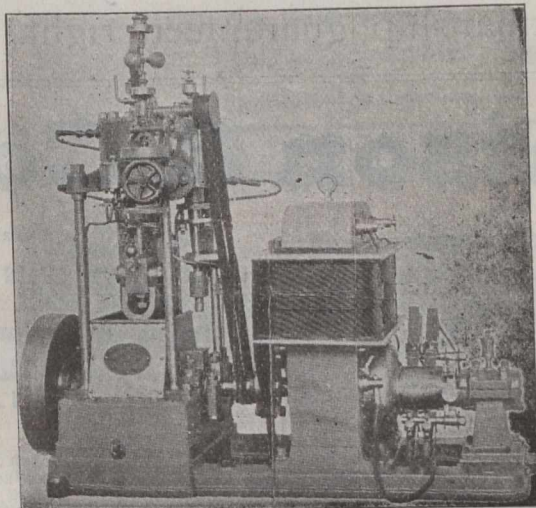
Special terms to Canadians under the New Tariff.

Catalogues Free

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

HILEY & ORCHAR,

Mechanical & Electrical Engineers,



Manufacturers of DYNAMOS, Etc.

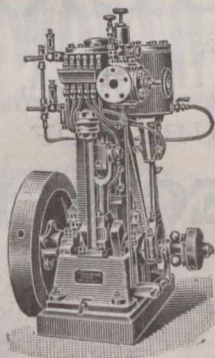
21 North Tay St., DUNDEE,
SCOTLAND.

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, ENG

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.)

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,

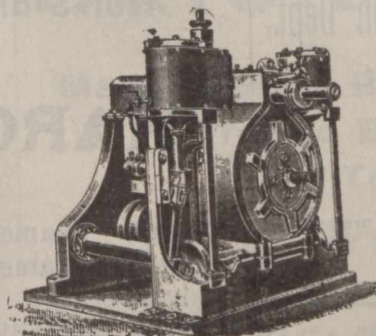
SCOTLAND.

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.

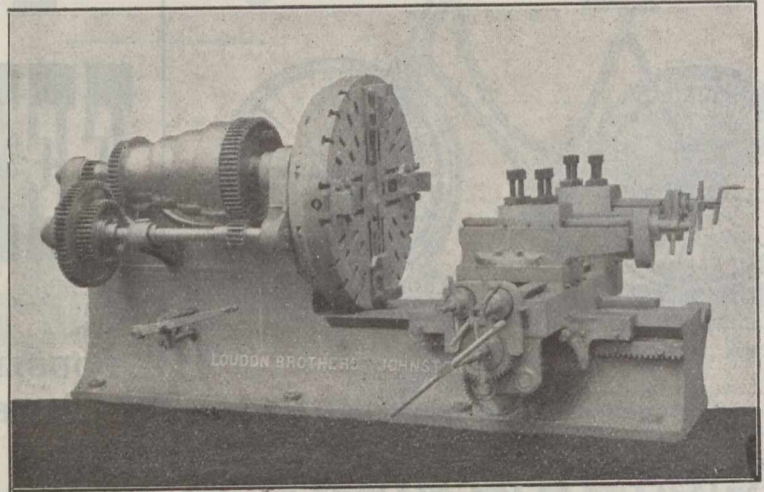
N.B.—Mention this ad. and we'll make our offer still better.



IMPROVED SURFACE AND BORING LATHES

Made to Swing 24, 30, 40 and 48" Dlar

ALL GEARING MACHINE CUT



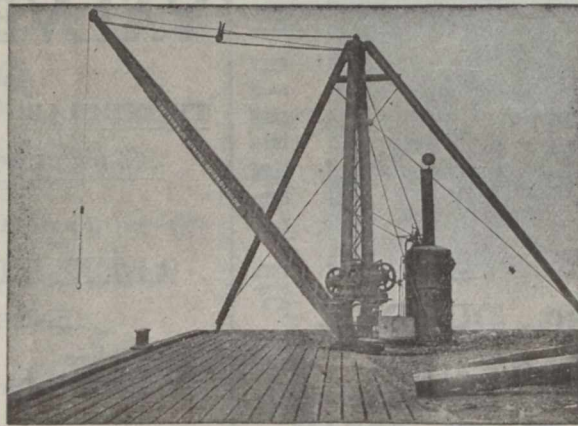
Glasgow Office :
39 WEST CAMPBELL ST.

Catalogues of Our Specialties on Application.

LOUDON BROTHERS,
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, Pileing Engines, Hoisting Engines, and all kinds of Contractors' Plant.
Extra B Best Short Link Crane and Stud Cable Chains, Pitch Chains, Messenger Chains, and Archors 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
Trimmings 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.,

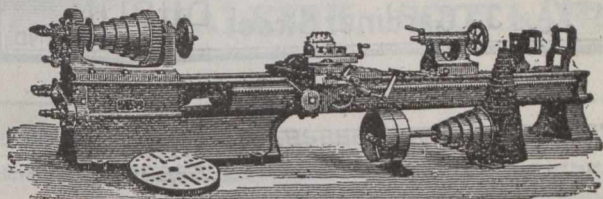
ENGINEERS' TOOL MAKERS,

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.

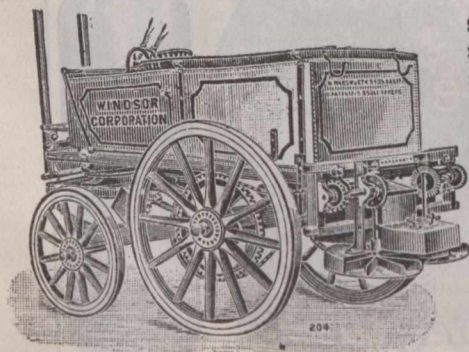
Sowerby Bridge,
Yorkshire, Eng.

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.

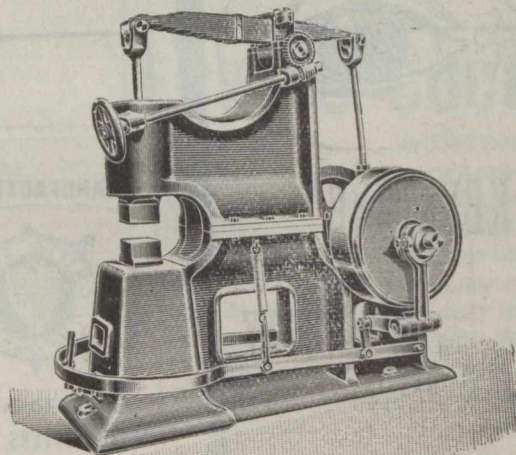
Exors. of T. A. WALKER,
(pro. L. P. Nott),

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...

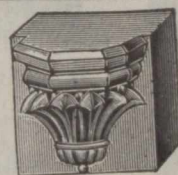
CARTER & WRIGHT,

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, ✧

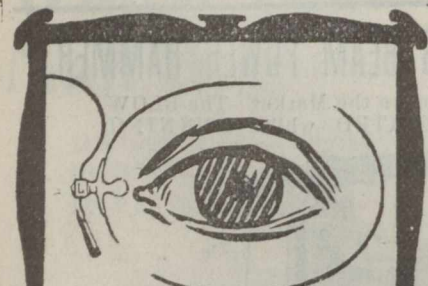


GROCERY MEN.

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.

5225252525252525252525252525252525



"KEYSTONE"
Stationery

HAS
ITS
VALUE.

It's worth so much
—no more.

You pay so much—
and no more.

It's all one price to
everybody.

Your competitor
pays what you pay.

"Keystone" is put
up in neat boxes, thus
enabling you to keep
a clean, presentable
standard line.

Send for figures.

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

JOHNSTON BAIRD & CO.,

GLASGOW, SCOTLAND.



Coffee Essence
— AND —
Sauce Manufacturers, &c.



BAIRD'S ESSENCE OF
COFFEE & CHICORY.

BAIRD'S
WORCESTERSHIRE + SAUCE.
WHOLESALE AGENTS WANTED.

MANUFACTURERS



UNDER
ROYAL LETTERS PATENT.

Specialities.

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



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

5225252525252525252525252525252525



"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

5225252525252525252525252525252525



FALKIRK, SCOTLAND.

NON-ALCOHOLIC FREE FROM SPIRIT.

HANNAH'S CHOICE

FRUIT WINES

ORANGE

HANNAH'S
FRUIT WINES
GINGER

LIME
JUICE
CORDIAL
GINGER
LEMON

RASPBERRY
PEPPERMINT
GREEN
GINGER
PORT
SHERRY
GINGER
BRANDY
STRAWBERRY
BLACK
CURRANT
LEMON
SQUASH

EDINBURGH &
EXCELSIOR WORKS GLASGOW NEWCASTLE ON TYNE

SAMUEL HANNAH & CO. GLASGOW, SCOTLAND.

WANTED

Agent to represent a firm of manufacturers of Ornamental and General Wire Work. Address: "Foggin"
Care of JOURNAL OF COMMERCE,
Montreal, P.Q.

WINDSOR,

Essex Co., Ont., Canada.

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

Do you require any Printing this week?
Telephone Main 238 will ensure prompt service.

Journal of Commerce,
171 St. James Street.

EPPS'S COCOA

GRATEFUL COMFORTING

Distinguished everywhere for Delicacy of Flavour, Superior Quality, and highly Nutritive Properties. Specially grateful and comforting to the nervous and dyspeptic. Sold only in ¼-lb. tins, labelled JAMES EPPS & Co., Ltd., Homœopathic Chemists, London, England.

BREAKFAST SUPPER

EPPS'S COCOA

GAS ENGINE FOR SALE.

Otto Make.

Bought of and guaranteed by

Schleicher, Schumm & Co.,

of Philadelphia.

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

Apply to

M. S. Foley,

171 St. James Street.

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.

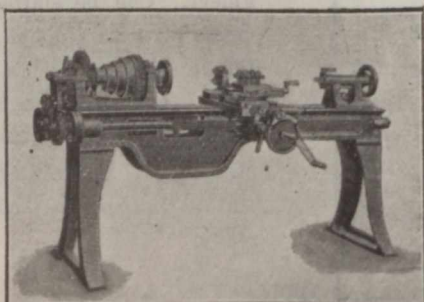




ONLY
MEDAL
1883

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:
"PHENIX," KEIGHLEY.

W. S Summerscales & Sons,
LIMITED.

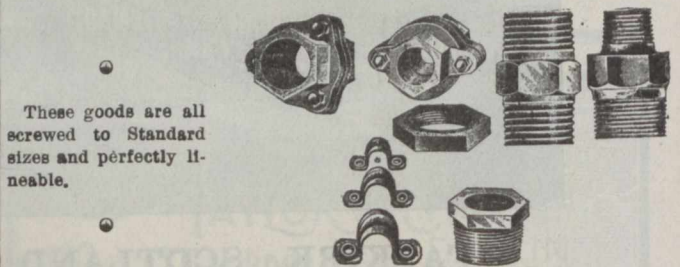
Coney Lane Works,
KEIGHLEY, England.

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 malleable.

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

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,

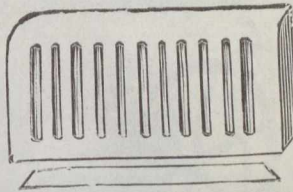
ROPE MAKER,

Bell Street,

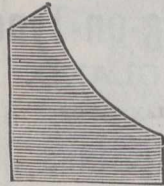
BOLTON, ENGLAND.



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.

HARRAP Bros.

Sole Makers of the Celebrated

CABLE



**RUG
WOOL**

(REGISTERED)

Which may be had from
MESSRS S. & J. WATTS & CO., MANCHESTER,
OR ANY WHOLESALE HOUSE.

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

BEGTIVE MILLS, ALVERTHORPE, WAKEFIELD, Eng.
Special terms to Canadians under the new 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 Haw-
sers. 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
the line of...

Job Printing.

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,

**LOW
HALL
MILLS,**

HOLBECK, LEEDS, Eng.



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

Give the
JOURNAL OF COMMERCE
— A TRIAL FOR —
JOB PRINTING.

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. GHEIN-LAJIOIE, LL.L., PAUL LACOSTE, LL.L.

Kingston, Ont.

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

Seaforth, Ont.

MCCAUGHEY & HOLMESTED,
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. ETERS.**

Unsurpassed for Family Use

BELL 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 Stg.
American,	\$3 a year
Single Copies,	10c, each

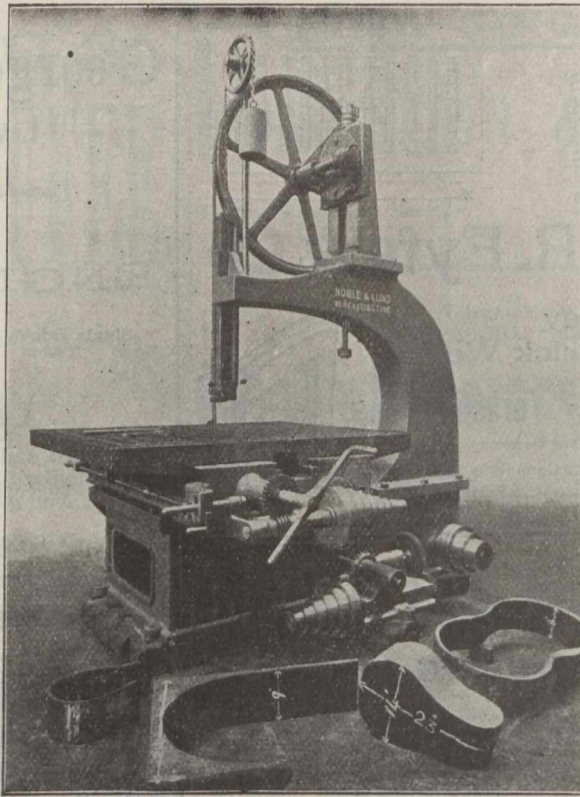
Editorial and Business Offices:

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,

AND

LUND,

Ltd.,

Felling-on-Tyne, ENGLAND.

MAKERS OF

High-Class . .
Machine . . .
Tools for . . .
Engineers and
Shipbuilders. .

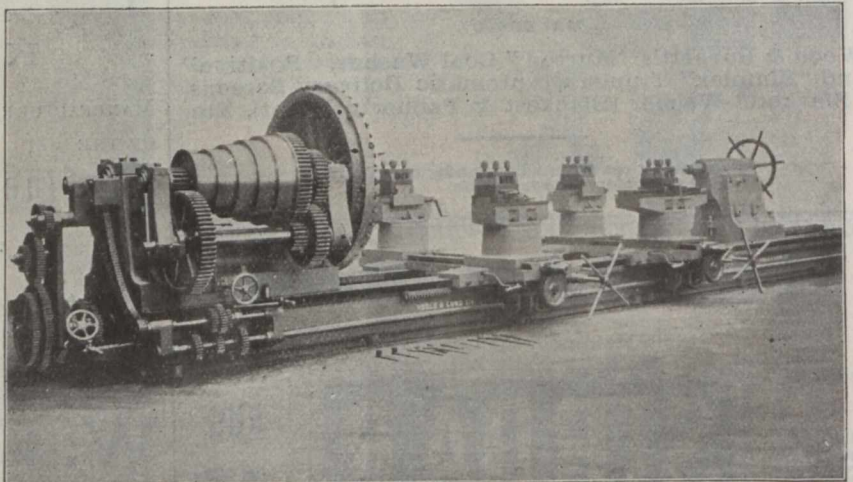
—SPECIALTY—

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.

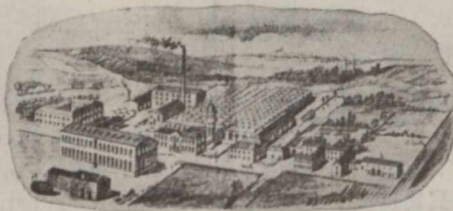
Telegrams: "HALEY," Cleckheaton.
A.B.C. Code used.

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.

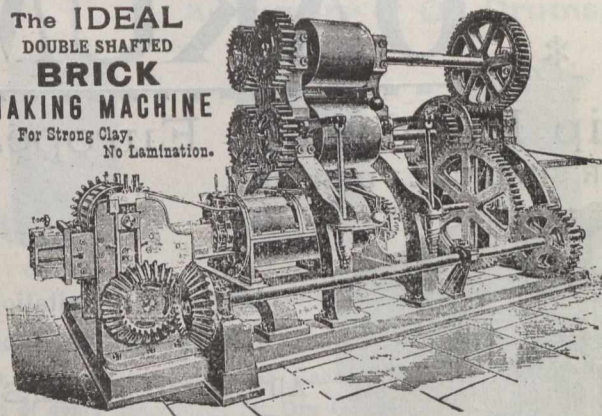
Also Card Clothing with best Patent Bright Hardened and Tempered Steel Wire with ELECTRIC HARDENED POINTS. Experienced men sent out to Nail Cards when required.

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 Bearance, Metallic Die.

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

GEORGE ANGUS & Co., William Lawson & Sons,

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.

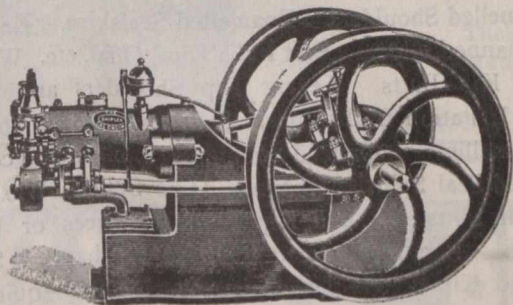
—WRITE FOR PRICE LISTS AND TERMS.

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

"THE NONPAREIL"

SHIPLEY GAS ENGINE.

Gold Medal "Bradford Trades"
Exhibition, 1898.

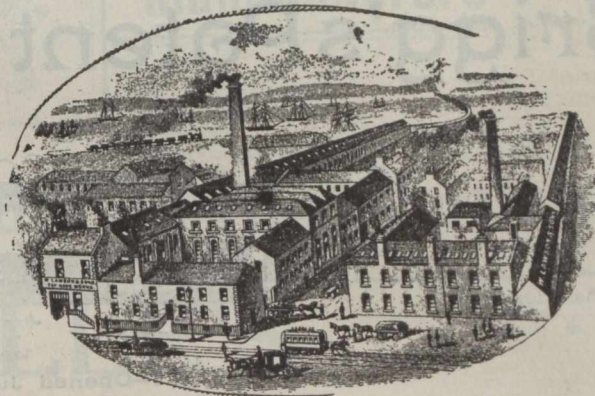


Diploma, Newcastle Electrical
Exhibition, 1897.

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

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,

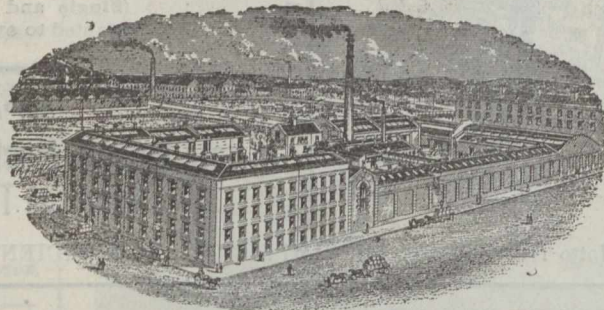
MONTREAL, Que.,

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

**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.

Samples and Prices on Application to . . .

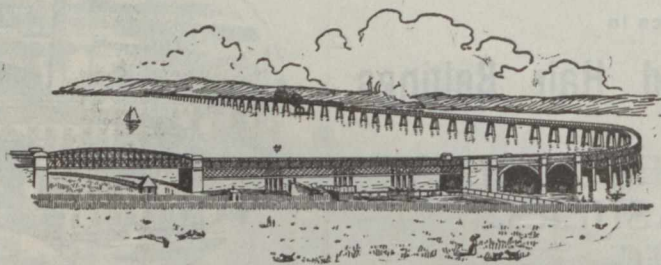
Works :
ARKLAY ST.



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.**

Telegraphic Address:
"HASTE, BRAMLEY, LEEDS."

Haste & Brown,

Hough End Tannery.

BRAMLEY, LEEDS, - Eng.

— Tanners, Curriers, —
Enamellers & Japanners.

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

ENAMELLERS and JAPANNERS of the finest goods in ENAMELLED and JAPANNE 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 colours). 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.

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 Confectionery 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

.... Biscuit



Manufacturers

Established 1813.

.Edinburgh, Scotland.



DUNVILLE'S

Established 1808.

OLD IRISH

WHISKY.

Dunville & Co., Ltd.,

Are the Largest Holders of Whisky in the World.....

Royal Irish Distilleries, BELFAST, IRELAND.

o o o

Their Celebrated Whisky is Manufactured from the Choicest Materials only, and It Stands Unrivalled for Purity and Quality.

SOLD EVERYWHERE

24 PRIZE MEDALS AWARDED.

WALKER'S BISCUITS & CAKES

JOHN WALKER LTD ROYAL BISCUIT FACTORY, GLASGOW.

Makers of all Varieties Suitable for Export.

SCOTLAND.

JOHN INGLIS & SONS' GenuineMidlothian 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 MIDLOTHIAN OATMEAL. **Leith. Scotland.**

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.

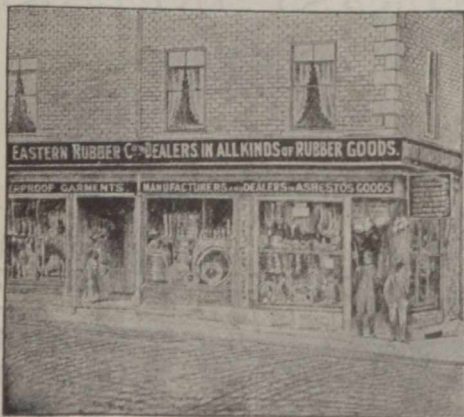
24, ULSTER CHAMBERS, - - BELFAST, IRELAND.

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

Telegrams: "RUBBER COMPANY, NORTH SHIELDS."

The North Eastern Rubber Co.

Manufacturers and Dealers in all Descriptions of



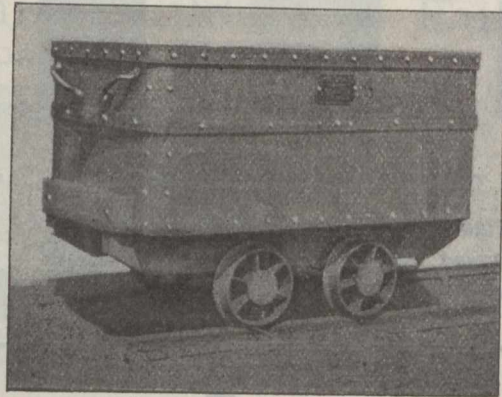
India Rubber,
Asbestos,
Leather
Goods,
Waterproof
Garments,
Buffers,
Valves
Packings,
Belting,
Hose,
Tubing,
&c., &c.

26, 27 and 28 Gardner Street and Borough Road,
NORTH SHIELDS.
and Fowler Street, South Shields, - - England.

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 Teaming 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.

ESTABLISHED 1877.

OIL MILLS.

On Anglo-American & other Systems, for every kind of Oil Seed & Nut.

COMPOUND FEEDING CAKE MILLS.

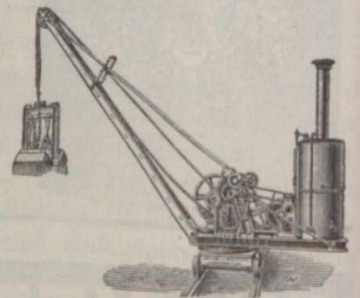
HYDRAULIC RAM AND PUMP LEATHER PACKINGS.

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.O., Eng.
74 Cortlandt St., New York.

Catalogues free in English, French, German, Russian and Spanish.

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 LLOYDS' 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

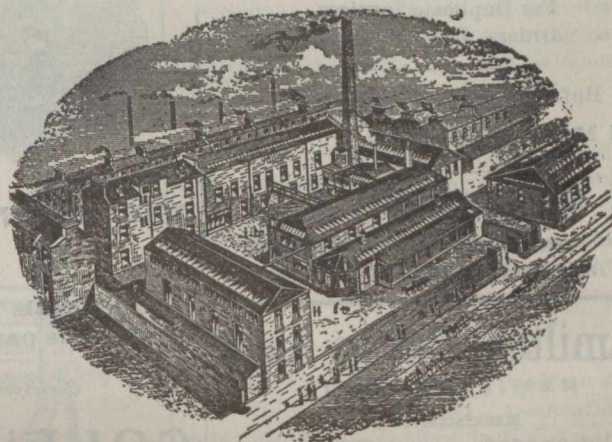
..WIRE ROPES..

— FOR —

Collieries, Engineering, Shipping & General Purposes.

WM. R. STEWART,

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



Manufacturer of **Hackles, Gills and Wood's 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.

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, Flannelette, 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'FG 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.,** *

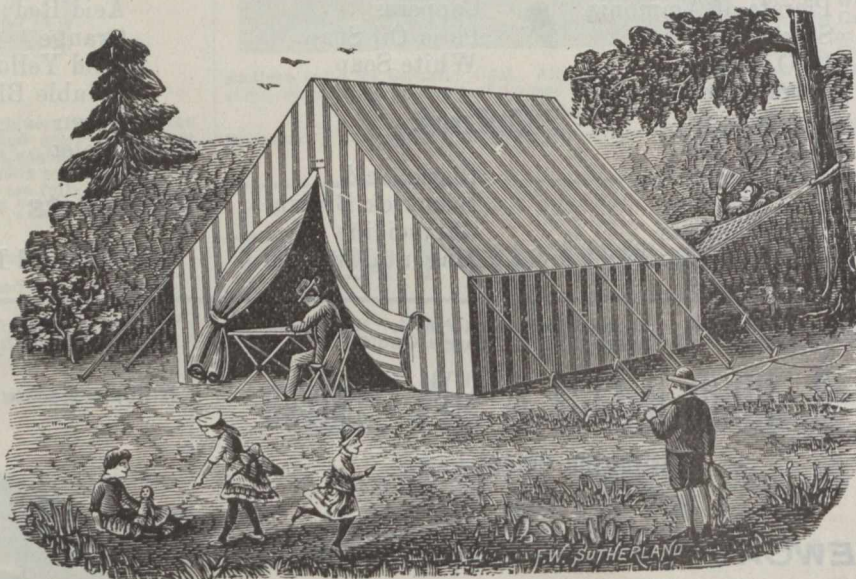
Stationers, Blank Book Makers and Printers.
1755 & 1757 Notre Dame St., Montreal.

Hamilton Cotton Co'y

HAMILTON, ONT.

Manufacturers of

Cottonades, Denims,
Warps and Yarns, Lamp Wicks
Twines, Webblings, &c.



WE ARE
THE LEADING ... **TENT, FLAG and AWNING MAKERS**
— OF CANADA. —

203 Medals and First Prizes Awarded at Leading Exhibitions in
various parts of the world, Bear Strong Testimony to this Fact.

Correspondence invited—Estimates for Special Work Cheerfully Furnished.

COLE'S NATIONAL M'FG. CO.,
160 Parks Street, OTTAWA, Ont.

WHOLESALE LEATHER
and SADDLERY-HARDWARE.

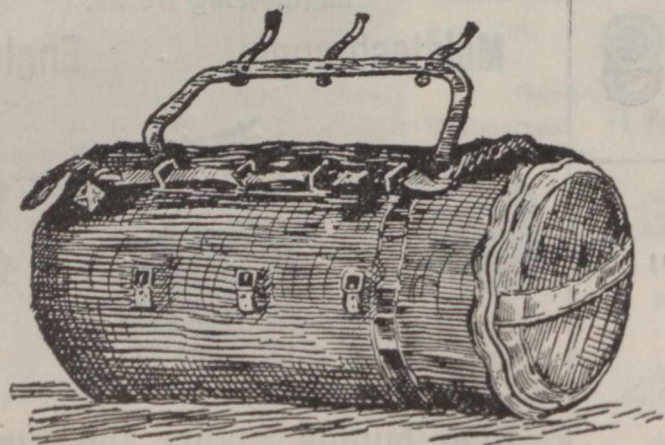
WHOLESALE ROBES
and FUR COATS.

S. & H. BORBRIDGE

186 Sparks St., 88-94 Rideau St., 15-23 Mosgrove St.,

Branch at BRANDON, Man.

OTTAWA, Ont.



Manufacturers of all kinds of Harness, Saddlery, Horse-Blankets, Kit-Bags,
Trunks, Bags, Valises, Moccasins, etc.

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.

Domlnion Steam Carpet Beating Co.,
11 Hermine St. H. N. Tabb, Mgr.

Dry Goods, Wholesale.

W. R. Brook & Co.....26 St. Helen St
Alphonse 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 1808

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.

18 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.

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 Winnipeg Finance Committee have recommended the acceptance of Carnegie's offer of \$100,000 for a free public library. The conditions are \$7,500 a year and a free site.

Sydney, N.S., will have a new theatre, to cost \$40,000. The seating capacity will be 1,000. It will be opened July 1st, 1902.

The assessment rolls of Hull, Que., just completed, show the value of taxable property to be \$3,165,000, or \$1,100,000 better than it was before the fire. The population is given as 12,994, which agrees with the census figures.

The eleventh annual exhibition of the Winnipeg Industrial Association was opened on Monday last. At the directors' luncheon speeches were made by F. W. Thompson, of the Ogilvie Milling Co., president of the association; Premier Haultain, of Regina; J. F. Stobart, representative from St. Paul; Premier Roblin, and Lieutenant-Governor Forget of Regina. The exhibition opened under the most auspicious circumstances of weather and attendance.

At the annual meeting of directors of the Cape Breton Railway, held at Montreal on the 17th instant, it was unanimously agreed to authorize the issuance of gold bonds to the amount of \$2,400,000, secured by first mortgage on property and franchises. This company was incorporated by the Legislature of Nova Scotia in 1890, with power to construct and operate a line of railway from Port Hawkesbury, on the Gut of Canso, to Sydney and Louisburg, with branches. The Dominion Government, at the session of 1894, authorized assistance by subsidy for the thirty miles from Port Hawkesbury to St. Peter's.

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.

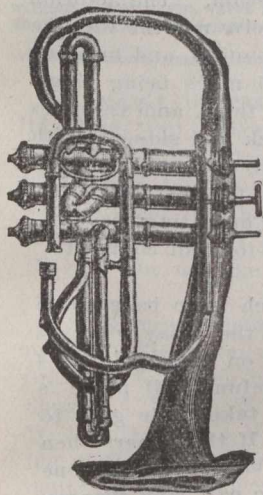
THIS LITTLE TRADE MARK



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'

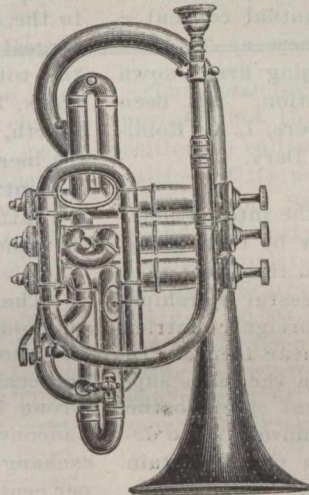
The most complete Repair Factory in Britain; also, the cheapest and most reliable House in the Trade.

H. D. Douglas & Son,
Manufacturers & Contractors

To Her Majesty's Forces.

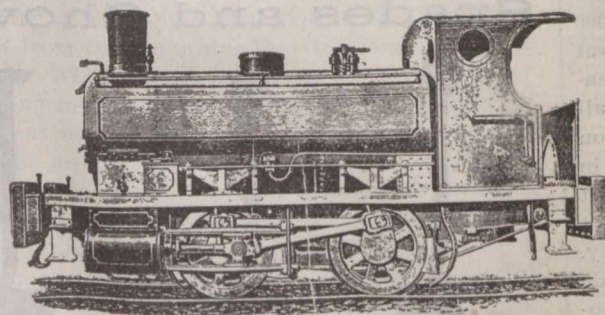
36 to 42 Brunswick Street,
Glasgow, Scotland.

Established over Half a Century.



Telegraphic Address : GRANT, KILMARNOCK.

GRANT, RITCHIE & CO.,
Locomotive Engineers, Ironfounders and Boilermakers.



TANK LOCOMOTIVE ENGINE.

Townholm Engine Works,
KILMARNOCK, SCOTLAND.

Telegrams: "FLEMING, HALIFAX," ENGLAND.

FLEMING, BIRKBY & GOODALL, Ltd.,

REGISTERED OFFICES:

West Grove Mill,
HALIFAX, ENGLAND.**BELTING.**STANDARD Oak Tanned Leather Belting.
... Superior Hair Belting ...
Sewn Cotton Duck Belting,
& C.**FLEMING'S "TEON" BELT,** UNRIVALLED FOR WORK IN HEAT
Steam, Damp, Acids and out of Doors.

—The Minister of Colonization and Mines has established in Montreal a Government assay laboratory and has placed Mr. Milton L. Hersey, M.Sc., of McGill University, who is also the analyst for the city of Montreal, in charge.

—A complete statement of the customs receipts for June last, including returns not received until after the expiration of the month, has been received at Ottawa. For June, 1901, the customs revenue amounted to \$2,787,931, as against \$2,533,518 for the same month of the year previous, showing an increase of \$253,512. For the twelve months ended June 30 the customs revenue totalled \$29,129,819, or \$220,801 more than during the preceding year, when it amounted to \$28,909,018.

—The following partnerships and business changes have been registered recently at Montreal: William Swail, of Richelieu, and Frank Swail, of Montreal, picture framers, shades, etc., under style of "Swail Bros."—Gershon Bulkis and Moses Gold, as "G. Bulkis & Co.," wholesale clothing manufacturers.—Arthur and Napoleon Labossiere, of Chambly Canton, barbers, as "Labossiere & Frere."—The partnerships existing between Abraham Saunders and Moses A. Silverman, as "The Canadian Wrapper Manufacturing Co.," has been dissolved by mutual consent.—Arthur Jennings has ceased to do business as "A. Jennings & Co.," wheelwrights.—The publishing firm known as "La Societe Co-Operative de Publication," has been dissolved by mutual consent of its members, L. G. Robillard, Jos. M. Amedee, Denault, and J. E. Dery.

—Western Americans are anxious that the international treaty be so amended that war ships may be built along the upper lakes. A Chicago dispatch is to the effect that with the efforts of manufacturers successful warships, not only for the United States, but for foreign countries may be built on the Great Lakes in the near future. To accomplish this the shipbuilders located on the lakes supported by manufacturers and concerns that cater to the shipbuilding business are combining in a movement to demand the abrogation of the treaty with Great Britain which excludes warships from the lakes. This treaty has been a subject for consideration by statesmen for many years. At the coming session of Congress the members of the House of Representatives whose constituents are on or near the lakes will, it is said, demand that something be done. Congressman Boutell, who will look after the campaign at the coming session of Congress, in speaking about the matter, stated that the existence of the treaty is manifestly unfair to the people of the lake cities. In 1898, he stated, Congress appropriated \$126,000 to begin the construction of a vessel on which the Naval Militia of the lake might be trained. It was the intention of the Navy Department to arm this vessel with all the modern guns and equipment, but the appropriation was rescinded when it was found that the treaty stood in the way. The shipyards on the shores of the Great Lakes, and these yards employ thousands of men, are not allowed to work on foreign navies because of this treaty. Secretary Foster investigated thoroughly in 1892 and made an exhaustive report, in which he advocated the absolute withdrawal of the treaty and the opening of the lakes to any vessel that floated. It was referred to a joint high commission. It has been there since, unconsidered and untouched, so far as the country knows. It is time something was being done to remedy the situation.

—The Toronto fire department spent last year \$185,974, of which \$124,411 was for salaries and \$6,021 for the keep of horses. This year there was appropriated for the department \$193,653. The actual number of fires in the city last year, says the Globe, was 686, for 328 of them no losses were reported, and for 221 others the losses were each less than \$100. The losses of 87 were between \$100 and \$500, of 21 between \$500 and \$1,000, and of 20 between \$1,000 and \$5,000. In four of the losses were between \$5,000 and \$10,000, and in four between \$10,000 and \$20,000. One fire, largest, showed a loss between \$40,000 and \$50,000. The total insurance was \$993,935, and the amount of insurance paid \$159,611. The losses over insurance amounted to \$13,289, and the losses without insurance were \$9,434. Only one fire extended beyond the building it was in. The month with the largest number of fires was May, 96, and January had the least number, with 33. The day of the week on which most fires occurred, was Monday, with 126, and Sunday had the fewest, with 73.

—The effect of the consolidation process among railways on the continent is shown in the summary of the statistics for the year ending June 30, 1900, just issued by the U.S. Interstate Commerce Commission. The addition to the length of track during the twelve months was the largest since 1893, amounting to 4,051 miles, and bringing the total up to 259,778 miles, 193,345 miles being single track, 12,151 miles second, 1,094 miles third, and 829 miles fourth, with 52,367 miles of yard track and sidings. With the increase in length there has, however, been a decrease in controlling concerns from 2,049 in 1899 to 2,023. Of the latter number only 1,067 maintain operating accounts, the others being under lease or some form of contract.

—The refund of one per cent., which is to be granted on gold brought from the Yukon to the assay office at Vancouver, reduces the royalty paid on such gold to 4 per cent. It is expected that the refund will prove a strong inducement to the miners to take their gold to Vancouver in preference to Seattle. If the miners then exchange the gold for currency at Vancouver, the one per cent. will be more than sufficient to pay bank charges.

MATTHEW, REID & CO.,

Kilmarnock Forge, - - KILMARNOCK SCOTLAND.

Manufacturers of

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

Telegrams: "CUNDALL, Shipley."
National Telephone, No. 75, Shipley.

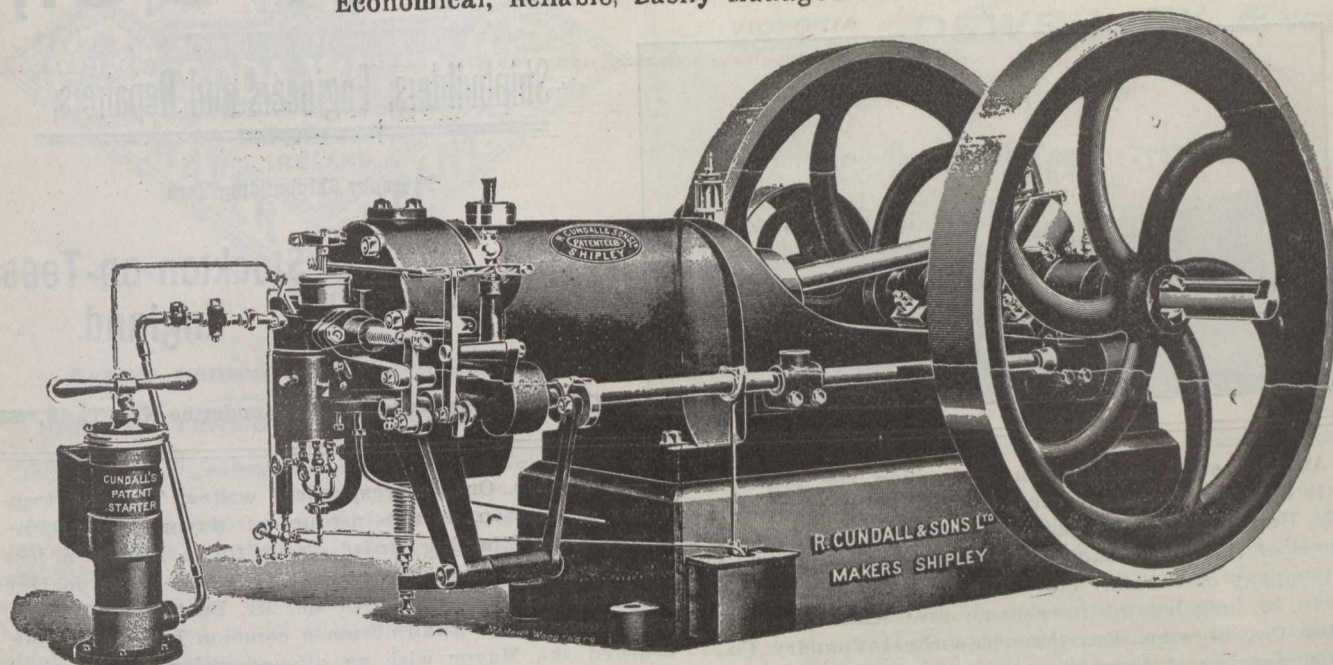
Contractors to H. M. Government.

THE "CUNDALL" PATENT

OIL ENGINES

Are the
Simplest Engines Running.

Economical, Reliable, Easily Managed and Safe.



Extracts from Letters Received.

"Shall be pleased to show the 20 b. h. p. Oil Engine to any of your clients, and can thoroughly recommend it."

"I have every pleasure in stating that the 4 b. h. p. Oil Engine you supplied me with for Electric-lighting purposes and for Pumping is giving satisfaction. It is doing its work most efficiently."

"You will be glad to know that the 8-Brake Oil Engine which I got some time ago is giving me entire satisfaction. It is running very steadily—so much so that I am able to supply my Electric Light direct, without the slightest waver in the light. It is very easily started. I should say your Engines are as near perfection as possible."

R. Cundall & Sons,

LIMITED.

SHIPLEY, YORKS, ENGLAND.

—A steady increase is shown in the receipts of the Hamilton, Ont., Street Railway Company. The check received for the mileage and percentage due for the quarter ending June 30 amounted to \$4,287.83, as compared with \$4,130.52 for the same quarter last year. The percentage, at 6½ per cent. on \$34,044.25, amounted to \$2,250.56. The mileage was the same as last year, \$1,879.96.

—At a recent meeting of the shareholders of the Magnetawan River Railway Company, held at Burk's Falls, Ont., the following were elected directors: Messrs. James Sharpe, A. White, W. Wainwright, G. C. Jones, W. R. Tiffin, W. H. Biggar and H. W. Cooper. At a subsequent meeting of the directors Mr. James Sharpe was elected President; A. White, Vice-President; W. Cooper, Treasurer, and T. Waterson, Secretary. Arrangements were made by which it is expected that the line will be constructed without delay, and be in operation this fall or by the opening of navigation next spring.

—As detailed knowledge of the various agricultural opportunities becomes more generally known, there will, in all probability, be as many young men leaving the city for the country as now go in the opposite direction. A late dispatch from Ottawa states that the poultry raising experiments at Whitby, Ont., which are conducted under the superintendence of Mr. F. C. Hare, poultry expert to the Department of Agriculture, are proving a great success. Chickens just twelve weeks old, on a diet of ground oats and skim milk, and with a limited range for exercise, have already reached a weight of three pounds eight ounces. They will be continued on the present diet for a month longer and then go into the fattening coops for another month. When ready for the market they will average over six pounds in weight. The farmers in the neighborhood of Whitby are manifesting great interest in the experiments.

—The Commissioner of Crown Lands, has recently been apprised that the Algoma Central Railway will be in a position to call upon the Ontario Government for a good position of its mileage bonus this summer. Trains are running from Sault Ste. Marie to Goulas Station, and beyond that forty miles of roadbed is graded, and the line is to be completed over that stretch within three months. At Goulas Station a saw mill is being erected with a capacity of 60,000 feet per ten-hour day. It is estimated that it will keep 1,000 lumbermen employed in the woods during the winter to keep the mill going. An office has been opened at Port Arthur in connection with the Algoma railway and steamship system.

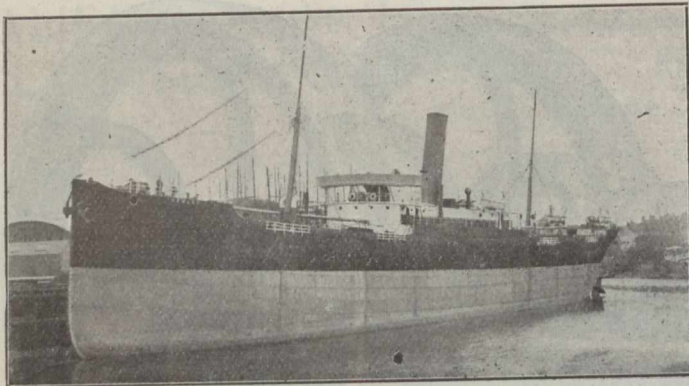
—The contest which has raged for a year between Port Arthur and Fort William, Ont., to secure the location of Finger's big sawmill has ended, Port Arthur winning. The Pigeon River Lumber Company, says a dispatch from the latter place, which is the style of the institution, has decided to locate in Port Arthur, and build a mill of twenty million annual capacity, and establish woodwork enterprises as well. It is expected that the enterprise will add nearly five thousand to the population of the town, as four hundred men are to be employed all the year round. Construction of the new mill is to be started forthwith.

—It would appear, says a Windsor, Ont., dispatch, that the disclosure of the discrimination of the freight rate on corn from Windsor in favor of Detroit, which was made by the Board of Trade before the commissioner of freight rates, has led to a quick release of the grievance. A reduction of 9 cents per 100 pounds on corn has been announced. The local rate from Windsor to St. John, Halifax, and points in Nova Scotia, was 27½ cents. The new rate to these points is 18½ cents, with the export rate still lower.

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.

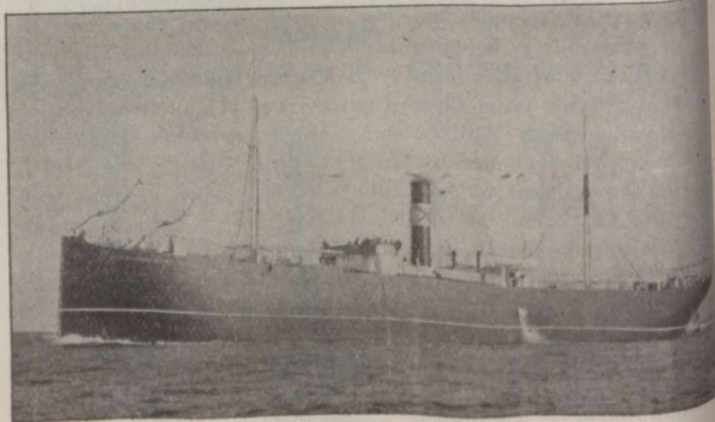
—Another steel combination, embracing the principal plants engaged in making steel castings is to be formed in the United States. A Chicago dispatch states that the nucleus of the consolidation is the American Steel Casting Company of Chester, Pa. The list of the companies said to be included in the scheme are: American Steel Casting Co., Chester, Pa.; American Steel Foundry Co., Shickle, Harrison & Howard, and Scullin & Gallagher Co., all of St. Louis; the Sargent Co., Chicago; Franklin Steel Casting Co., Franklin, Pa.; Starboard Steel Casting Co., Chester, Pa.; and one or two others. The capital is said to be upwards of \$15,000,000, with the prospect that the amount will be increased considerably.

—A number of Michigan sawmills have been moved to Canada since the Whitney policy has been adopted. A Detroit paper adds: "Being no longer able to get American logs for its sawing plant, the Saginaw Lumber and Salt Co. is about to pull up stakes and transfer its activities from the Valley City to the Canadian shore, in order to avoid the effects of the retaliatory laws established across the border. From Cheboygan south, all along the Huron shores, there are silent mills, abandoned mill sites, and empty lumber yards, to say nothing of vacant houses, and diminishing or stationary town populations. Now one of the largest of the remaining lumber firms has been compelled by failing supply of raw material to follow the others across the lake, where it must employ Canadian labour, buy Canadian supplies, and contribute to Canadian development."

—The gigantic "trusts" with their available millions may shortly invade the realms of the individual retail grocery trade, yet there is an element largely responsible for the success of the latter, which would be difficult to overcome. The "trust" stores, conducted by managers could not extend weekly or monthly credit, such as is permitted through individual ownership. A Philadelphia dispatch of recent date states that there is a proposition afoot to combine at least 3,000 of the 5,500 retail grocery stores of this city into a corporation. It is proposed by those back of the movement to purchase the stock and stores at a cash average of \$2,000, making a total investment of \$6,000,000, in addition to which \$500,000 would be put up for working capital. The idea further is to employ former owners as managers of the new stores. It is estimated that \$25,000 would be the average annual receipts of each store, which, upon a net profit basis of 10 per cent. would bring in a yearly return of \$7,500,000. This would be more than 10 per cent. of the annual return upon the full amount invested. Secretary Smedley of the Retail Grocers' Association said that he had investigated the matter for several days and that he knew the promoter of the proposed movement, but he did not consider the project feasible.

—A London, Ont., correspondent writes: The city treasurer of London, at the instance of Mayor Rumball, received from Ringling Bros.' circus for a license a less fee than that fixed by the city by-laws. The matter provoked hostile public criticism. Mr. Bartram, a lawyer, who views public affairs from a common law standpoint, charged the Mayor with an offence under the Criminal Code, of having influenced the city treasurer by unlawful means to neglect of duty. The Police Magistrate refused to allow him to swear to the complaint. He then sent a demand to the Attorney-General for Ontario, Hon. J. M. Gibson, who is also acting Premier, demanding upon alleged sufficient causes, a suspension of the Police Magistrate and a temporary appointment to enable him to proceed with his charge against the Mayor pending full investigation of charges for the removal from office of the Police Magistrate. To this demand no answer was made by the Attorney-General but at the instance of Col. Leys, M.P.P., for London, an acknowledgment of the receipt of the demand was made after a lapse of ten days by the Clerk of the Executive Council for Ontario. The matter has now got beyond the circus stage and the serious judicial question arises whether government, executive, judicial or civic in Canada, is according to law or despotic. The charges made by Mr. Bartram should receive prompt investigation by the executive government of Ontario and if unfounded he should be made to feel the supremacy of the law by a prosecution for and conviction of criminal libel. If the charges are true they should be acted upon. If no action be taken the inference is clear that the despotic government is in force in Ontario the premier province of Canada.

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.

—An important convention will be held at Horticultural Pavilion, Toronto, on the 7th instant, when the National Apple Shippers' Association will open their seventh annual meeting. The association, the headquarters of which are at Boston, is one of the largest business organizations on the continent.

—Faster electric service is being referred to. Late London advices state that Sir Hiram Maxim, speaking at a recent meeting of the Maxim Engineering Company, said that electric railways were revolutionizing American city life and property values, whereas Great Britain was behind in the matter of electric traction, which had spread out populations and mitigated some of the greatest evils of modern cities. He declared that light electric roads were capable of 120 miles an hour, that their construction was perfectly practicable, and that their cost would be cheaper than that of the present steam lines.

—In his address at the opening of the Winnipeg exhibition this week, President F. W. Thompson declared that in the Canadian North-West lay the future granary of the world. He hoped to see the day when the Province of Manitoba would be producing more wealth than the entire spring wheat crop of the United States, which promised to-day some 250,000,000 bushels. He said that he expected to see the day when farmers' grain known as Manitoba No. 1 hard wheat would be a prime factor in the prices of the world's breadstuffs. This year's exhibition is reported to be larger and more attractive than heretofore. The exhibit of live stock is far ahead of previous years, while the dairy and poultry exhibits are the best in the history of the exhibition.

—It is but natural that the "trusts" should at length get around to bread. A corporation, which in time expects to control the bread output of the United States, says a New York letter, beginning in that city with a capital stock of \$3,000,000, has been incorporated in New Jersey. It is said that the entire stock has been paid in. While the new company intends at present only to control the bread orders in New York city, Newark and New Jersey, already offers have been extended to Chicago and St. Louis, with a view to reaching the large bakehouses of the West. Some of the big bakeries in New York, it is said, have already been absorbed. The National Bread Company was organized to consolidate the large baking concerns, and to acquire a new bread-making machine which kneads bread at a great saving and increases the loaf 30 per cent. with the same amount of flour.

—The man who deals in ice is supposed to be a cool man, but he who deals in ice cream freezers is not always as calculating as the case should warrant. We are informed from Kingston, Ont., that a citizen of that city, who is instrumental in preparing souls for a comparatively cool place in the world beyond the stars, attempted recently to smuggle to the city an ice cream freezer purchased at Ogdensburg, N.Y. The customs landing waiter corralled the freezer, and the clergyman had to pay full customs charges.

Our Teeswater, Ont., correspondent writes: V. Voisin, to whom reference was made in a recent letter, now advertises that he must sell out as premises must be vacated by September 1st prox.—Late copious rains here proved of incalculable benefit to farmers and others.

—* 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,
Soda Water,
Kola,
Champagne,
&c.

Special prices to Canadians
 Under the New Tariff.
 Cable Address: "BOTTLEERS,
 BELFAST."

Telegraphic Address: "SPIRITS, DUNDEE."



WHOLESALE WHISKY 24 to 31 Dock St., and
 MERCHANTS DISTILLERS & BLENDERS. 26 to 39 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.

—Messrs. Geo. H. Laurie, F. E. Nelson, Jas. N. Green-shields, K.C., and William O. Taylor, all of Montreal, are applying for incorporation as the Dominion General Engineering Company, capital, \$500,000, head office, Montreal. The company proposes to manufacture all classes of foundry and machine shop work, including engines, stationary, marine and locomotive operated by steam, electricity, compressed air, or other motive power, automobiles and locomotives and other vehicles.

—A resident of Montreal, lately back from Amherst, N.S., where he has been in connection with the purchase of large coal deposits, situated near the seat of the county of Cumberland, says this coal was developed eleven years ago to the depth of 600 feet and subsequent tests show that the quality is quite as good as that of the famous mines of Spring Hill. The new corporation which will be known as the Maritime Coal Company will have to build about two and one-fourth miles of railway so as to connect the mines with the Intercolonial and bring the product of the mines to market. The company will shortly produce 200 tons per day. The representatives of several machinery houses have visited the mines and the most modern plant possible will be installed at an early day. Three hundred men will, it is stated, be employed before the close of the year.

—It is reported at Ottawa that rates via the St. Lawrence route may shortly be made still higher. A Montreal underwriter has written the following letter to local policyholders: "The recent withdrawal of two of my companies from the transaction of the insurance of imports under open policies, following upon similar action by other companies in previous years, leads me to the belief that some important information regarding the disabilities of the St. Lawrence route, which have recently been before us, may be of interest to those who are directly connected in all matters that affect the commercial welfare of Canada. I accordingly enclose for your information copy of a letter in which I have referred the matter to the Dominion Government. I do this with the hope that influence from all quarters may be brought to bear upon the authorities to have the disabilities complained of removed." The letters referred to are from Mr. Bond to the Minister of Marine and Fisheries, and from the Liverpool Salvage Association. The first letter referred to some enquiries made by Liverpool underwriters as to what was being done to improve the St. Lawrence route, and speaking of the recent wrecks, Mr. Bond asks the Minister to inform him so that he may answer the underwriters. The other letter speaks about bad signals on the St. Lawrence route. As Sir Wilfrid Laurier is about to make a personal tour over the entire route some new improvements may be near at hand.

—Washington, U.S., advices report that much unfavorable comment has been caused there by the publication of the details of the proposed new German tariff law. The general opinion is that if it is put into force by Germany it will lead Congress to very seriously consider the subject of retaliation, and of the enactment of maximum and minimum rates. The proposed tariff is looked upon with special disfavor for the reason that care seems to have been taken to increase rates on articles that are imported from the United States. The general belief in official circles is that there will be no considerable reduction in the exportation of American farm products as a result of the higher duties. In the fiscal year 1900 Germany bought from the United States 9,065,713 bushels of wheat, valued at \$6,495,209; 691,782 barrels of flour, valued at \$2,700,638; 46,256,978 bushels of corn, valued at \$18,776,736, and other grains and grain products in proportion. These exports constitute a relatively small proportion of the total grain export of the United States, but the loss of this market would be seriously felt by the American farmer, as it would throw that much of his surplus into other markets and tend to reduce the price. American machinery, it is believed, will be injured more than anything else by the proposed increases. The exports of these articles to Germany last year amounted to \$2,886,454.

—In reference to the Windsor-Detroit gas dispute, we learn from Windsor, Ont., that the secretary of the United Gas Company, of Detroit, has stated that Detroit would continue to get gas so long as the supply lasted, or at any rate until the Privy Council of Great Britain prohibited the exportation. He said: "If the Ontario Government refuses to renew the license which gives the Detroit Company the privilege of laying pipes on the bed of the Detroit river on the Canadian side, we shall ask the British Privy Council whether the Ontario Government has such authority. We think it is the Dominion Government which has control of the property. However, it remains to be seen. If the case goes to a higher court it will hang fire for at least two years. In the meantime gas will go over the river. When the report of Mr. Stiff, who made the recent official investigation into the condition of the wells in this vicinity, goes to the Government, there will be something done. It is our opinion that he has found sufficient gas to warrant its exportation."

—It is rumored at Kingston that the C.P.R. is about to assume control of the K. & P. Railway, which runs between Kingston, Renfrew and Pembroke, and is about to be extended to Smith's Falls. It taps the C.P.R. at Sharbot Lake and Renfrew, and forms the C.P.R. entrance to Kingston.

**"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.



—The Canadian Year Book, issued by the Department of Agriculture, Ottawa, possesses more than common interest. Besides the usual features, statistics, &c., it contains photogravures of a large number of Canada's public men, well printed.

—Late advices from Manchester, Eng., state that a new direct steamship service between that port and Chicago was inaugurated on the 28th instant, with the departure of the steamer Midland Queen for the latter place. The vessel has a carrying capacity of three thousand tons, and she sailed with a full cargo. Her charterers hope to demonstrate that Manchester is the most suitable port in Great Britain for direct trade with the Great Lakes. The economies expected to result cargo between interior terminal ports of distribution is very great.

—The hydrograph survey on Lake Huron, which is being conducted by the Marine Department, will, it is inferred from Ottawa, be completed this season. The work is under the direction of Mr. Fred. Anderson, who is on board the steamer Bayfield. The last survey of Lake Huron was made sixty years ago, when the vessels on the inland waters did not draw more than 12 feet of water. It was done very hurriedly, and the soundings were neither numerous nor complete. Next season a survey of Lake Superior will be undertaken if the Government will provide a new steamer. A hydrographic survey of Lake Winnipeg is now proceeding under Mr. Stewart's direction and will also be finished before the close of navigation.

—The secretary of the Canadian Manufacturers' Association left last week for Manitoba, and the West to organize branches of the association. Many manufacturers in Manitoba and British Columbia are members of the central body. It is proposed, however, to form local bodies, to deal with local trade questions. It has been arranged to establish such branches at Winnipeg and Vancouver. While in the Western Provinces the secretary of the association will investigate some railway difficulties that were brought up during the recent visit to Toronto of the Government Railway Commissioner. He will enquire specially into the allegation that in certain lines of goods American firms can pay a high duty and still undersell Canadian manufacturers in the East.

—That cattle raising is progressing throughout the Dominion is shown by the entries of cattle at the Industrial Exhibition, Toronto, this year are record-breaking. A special class for French-Canadian cattle, has been created, and, it is stated, many will be present. On Monday an entry was received of a herd of 25 Nova Scotia cattle, which will also be entered at Buffalo. This is the first time Maritime cattle exhibits have been made in Ontario.

—Our Bedford, Que., correspondent writes under date 30th July: There were sold here to-day to Montreal buyers: 400 boxes creamery butter, at 20c; 100 boxes cheese at 9½c to 10c; 54 packages dairy and separator butter at 15c to 16c; eggs, 14c. A large number of hogs were shipped to Montreal at 6¼c to 7c lb. live weight.

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.

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

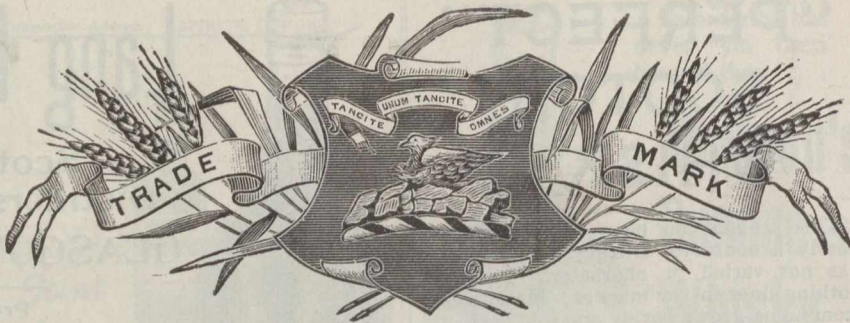


“Drink the
FAMOUS UNIVERSITY
GINGER ALE
AND
CREAM SODA”

Special Quotation
under New Tariff.

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

Telegrams:
“RESTORATIVE, 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.

—The Silver Spring Brewing Company, Sherbrooke, Que., will erect a new brewery near the site of the present building. The new structure will be built of brick, 250 feet long, and equipped in the most modern manner, including a 40-ton ice machine.

—Following the strike in the U.S. tin plate industry the American Can Company has advanced the prices of cans. Trade authorities believe that the combine is effectively in control of the situation, as the independent manufacturers experienced difficulty in securing tin plate. The advanced prices by the combine are reported to be: 2 lbs., from \$2 to \$2.25; 3 lbs., from \$2.70 to \$3; and gallons from \$6 to \$6.70. This means a large addition to the cost of all packers of fruit, fish and vegetables.

—At a meeting of the stockholders of the Metropolitan Railway in London recently the electric traction dispute was the principal topic of discussion. The chairman said if the new Ganz method was what experts claimed, it was destined to render valueless millions of dollars worth of electrical plants, both in Great Britain and the United States, and that signs were not lacking that a determined effort was making by interested capitalists and companies commanding immense wealth to strangle this new departure in electrical engineering. The chairman said his company was advised that the cost of the Ganz system would be from 30 to 40 per cent. below that of the system advocated by Yerkes and that when the Parliamentary Committee having the matter in charge had settled the question of a system the Metropolitan Railway was ready to carry this system into effect.

—From circumstances which have transpired of late it seems highly probable, says an Ottawa letter, that the claims long due against the Russian Government for the illegal seizure of Canadian sealing vessels in Bering Sea will remain unsatisfied for a still further period unless the advisers of the Czar show a more reasonable disposition. The United States, as well as Canada is seeking recompense from St. Petersburg, but the negotiations in both instances have made very little progress. Recently, it is stated, the Russian Government expressed a willingness to a reference of the claims to arbitration, but certain conditions were attached. The United States was quite willing to consent, but in the opinion of the Dominion Government the conditions were most unfair, and it declined to agree to the reference. An effort will now be made to secure a modification of the proposed terms of reference, so that arbitration may take place under equitable conditions.

—The Globe Registry Company, of America, with headquarters in Ottawa, is applying for incorporation. The capital stock is placed at \$100,000 to be divided into 200 shares, of \$50 each. Incorporation is asked for the purpose of carrying on a general business of registration, identification and assistance and protection to persons who through illness or need of any kind are incapable of helping themselves.

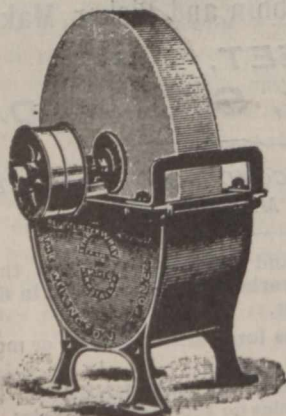
—The Winnipeg City Council has disposed of \$672,031 worth of local improvement debentures to Joseph E. Parker & Co., of Boston, for 98.25 and accrued interest for the 4 per cents., and equivalent for the 3½ per cents.

A. R. THACKWRAY,
Kirkstall Road, LEEDS, ENGLAND.

Manufacturer of All Kinds of

GRINDSTONES

Both Coarse and Fine Grit.

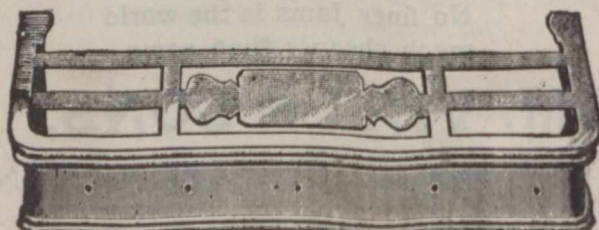


Sole Maker of the WELLINGTON TROUGH, REGISTERED.
SEND FOR CATALOGUE OF PRICES.

ROBERT PEEL.

MARSH PUDSEY, near LEEDS, Eng.

Manufacturer of Kitchen Fenders, Fire Irons,
Top Bars, Fire Stands, &c.



Prices on application.

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.

—A London cable states that by a vote of 150 to 44 the House adopted a resolution authorizing the expenditure of £2,000,000 on the Pacific cable, Great Britain's share under the agreement with the colonies.

—We are informed from Ottawa that Messrs. Alexander Fraser, W. C. Edwards, H. K. Egan, Robert Blackburn, and the other lumbermen who have secured a franchise of the water power at Table Rock on the Quebec side of the Chaudiere Falls, will develop 10,000 horse-power and supply electric energy to the Consumers' Electric Company, the newly organized Ottawa company. The surplus energy remaining will be devoted to operating a pulp mill, which it is proposed to build on a site convenient to Table Rock.

—Late reports from the broom corn centres bear out the truth of our recent reference to the price of brooms during the coming year, and the wisdom of securing stock ahead. A Chicago dispatch of the 30th ult., states that prices on all classes of brooms will be advanced at a meeting of the broom and brush manufacturers of the United States, now in session. The broom trust has been forced to charge the dealers more because of the advance in broom corn. The factories that are not represented by an agent are bound by an agreement to accept any changes in price that meeting sees fit to impose. That the prices in brooms, including whisk brooms and brushes, will go upward, is acknowledged, and the increase will range all the way from 25 to 50 cents a dozen.

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

The J. C. McLaren Belting Co.

FACTORY:

MONTREAL, TORONTO, VANCOUVER.

—The American hotel to be opened in London, by Mr. Louis Sherry, of New York, in time for the King's coronation, will, says a London letter, be a gorgeous affair, with 300 rooms, rivaling the Waldorf-Astoria in its equipment. The Sherry corporation with £600,000 (\$3,000,000) capital, has paid the estate of Lord Walsingham £300,000 (\$1,500,000) for Walsingham House. A comparatively small sum was paid for the Hotel Bath, adjoining. Both will be torn down and a new seven-storey building erected as an addition to Walsingham House, much as the Astoria was added to the Waldorf. The Sherry hotel will cover twenty-five thousand square feet.

"CASTLE" DYNAMOS

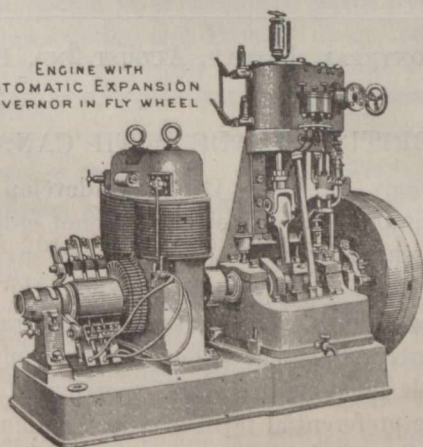
— FOR —

SHIP LIGHTING

SLOW SPEED.
HIGH EFFICIENCY.

SLOW SPEED COUPLED DIRECT SYSTEM

ENGINE WITH
AUTOMATIC EXPANSION
GOVERNOR IN FLY WHEEL



"OPEN FRONTED" ENGINE AND
"CASTLE" DYNAMO.

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

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

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 \$116 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

Full contracts. We have facilities for handling Insurance work to the best advantage and are thus enabled to give our customers the benefit. If you are interested in any way write, or come and see us,

JOURNAL OF COMMERCE JOB DEPT.,
171 St. James Street, MONTREAL.

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



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

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

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, AUGUST 2ND, 1901.

BRITISH TRADE WITH CANADA.

The policy adopted by Canada to develop the trade of Great Britain with this country has not only been much misrepresented by those who are more anxious to damage their political opponents by whom the preferential tariff was established than to promote trade with the Old Country; but that policy has been misunderstood by British manufacturers and merchants. Those to whom the preferential tariff is objectionable on political grounds, do not hesitate to make assertions regarding its effects that are groundless, or only partially true. They also endeavour to belittle and disparage the efforts of those who, like "The Journal of Commerce," have made a special study of this question and strenuous efforts to enlighten the commercial men of Great Britain as to the nature of the Canadian tariff and to urge them

Insurance.

PHENIX ASSURANCE CO'Y

OF LONDON, ENG.

Established in 1782. Canadian Branch
Established in 1804.

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.

	At Jan. 1st, 1901.	Increase in 1900.	
1. Total Assets.....	\$1,102,092	18 p.c.	1
2. Reserves for Policies and Annuities..	597,488	35 p.c.	9
3. Annual Premium Income.....	314,410	46 p.c.	9
4. Interest Income.....	36,273	32 p.c.	9
5. Net Surplus over all Liabilities.....	39,199	23 p.c.	0
6. Total Insurance in Force.....	9,224,350	29 p.c.	0
7. Gross Surplus for the security of policy-holders, \$489,199.61			1
8. Application for new assurances \$2,847,000, of which \$3,107,000 were accepted and \$740,000 declined or uncompleted.			1

HEAD OFFICE:—TORONTO, CAN.

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.

to take advantage of its concessions in favour of British imports.

Naturally, the prominence this Journal has given this question has brought it under the notice of a large num-

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-FIVE 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, - - \$16,000,000

ONE OF THE OLDEST AND STRONGEST OF FIRE OFFICES.

CANADA BRANCH:
Cor. St. James and McGill Streets, - MONTREAL.

T. L. MORRISEY, Manager

ber of British firms who, as shrewd business men, have recognized the unrivalled opportunities offered in our columns of drawing the attention of buyers in Canada to such goods as British exporters desire to sell in this country. All this is business, and those writers who flaunt and jeer thereat merely show their incompetence to handle trade subjects, an incompetence which is detected by British readers, who, consequently, do not regard a journal so conducted as a desirable medium for placing their business claims before the public of Canada. It is an insult to tell British traders that they need instructing in such elementary business truths as that, Canada, or any other country, can only buy certain classes of goods, and that each class of goods can only be properly handled by those familiar with them.

We have not published such admonitions for the benefit of British traders because we have too much respect for their intelligence and too wide an acquaintance with English business men to talk to them as though they were 'prentice hands. This Journal has never made specific recommendations to any one class of British exporters to send their goods to Canada, but again and again the extent of this market has been dilated upon and repeatedly we have urged the British manufacturers to acquire a personal knowledge of the needs of Canadian consumers and of those who, in Canada, are likely to be the buyers of their goods. Those who ridicule such businesslike efforts do so simply because, first, they are wholly ignorant of the trade conditions of Canada and of Great Britain; and, next, because they are chagrined at seeing this Journal so generally recognized as being thoroughly familiar with both. To the persistent explanations given in our columns of the exact nature of

the preferential tariff the great bulk of the traders in Great Britain who understand this matter owe their knowledge of our tariff, which, there is reason to believe, is not even yet quite understood by some Canadian critics of our efforts in this direction.

For their benefit and for some abroad we will use a homely illustration of the aim of the preference tariff. For Canada's trade there are two chief competitors, England and the United States. The former is so distant, as compared with the latter, as to be at some disadvantage in sending certain goods to Canada. Now, to put these rivals on an equality, to some extent, they have been treated as racers are when, in fairness, the natural disadvantages of one are required to be balanced by some special advantage given to the other one. Thus a racer is given a certain length of start, or a time allowance, or is allowed to carry less weight than the other. So Canada to even matters up, in order to place England and America on a nearer equality in racing for Canadian trade, gave the British exporter the privileges of entering his goods in our ports at a duty one-third less than the duty charged on American imports, or those of any other foreign country. This large concession was thought sufficient to counterbalance the advantage enjoyed by American exporters to Canada by reason of their nearness to our markets. American goods, for example, valued at \$1,000 subject to a duty of 30 per cent., are taxed \$300 at our Customs, while the same class of goods, of the same value from England, are only taxed \$200. On the great bulk of imports from Great Britain, or those that Great Britain might send here, Canada gives an average advantage of 10 per cent. ad valorem, which is surely a very handsome allowance, and is certainly considerably in excess of the difference in cost of transmitting goods from England as compared with freight charges on American goods.

It is rumoured, indeed, that American goods are sent to England to be re-shipped to Canada as of British origin, in order to secure the privilege of entrance here under the preferential tariff. Be that as it may, Canada has given a most generous tariff concession to England, and under that concession the manufacturers of the old land have sent goods here that otherwise they could not have sold in this country. The M.P. for Rotherham testified to this in the British House of Commons, and to this Journal is attributable the introduction of the British exporter to the Canadian buyer.

As previously pointed out, the work of diverting trade from one channel to a newer one is a tedious work of time. Trade cannot be transplanted like a tree by lifting it from one location and fixing it in another. Markets are not taken by assault at a dash, like a fortress. The preliminaries to trade changes always occupy considerable time. Our position in regard to the extension of British trade with Canada is this: we know, that this country purchases heavily of such goods as are made in England; we know, that this country is desirous of developing such purchases, as is proved by its preferential tariff; we know, that a more intimate knowledge of the needs of Canada and of its merchants would help British exporters in extending their trade in Canada; we know, that Canadian buyers have no instinctive knowledge of where and by whom the British goods they desire are offered for sale; consequently we have every confidence in British trade with this Dominion expanding greatly in the future and we take pride in our opportunities of bringing together the producers of the old land and the buyers of this new and fast-growing country.

The movement is too important a factor in Imperial development to be checked by the criticisms of those who do not realize its significance, who only know the power of its impetus by finding themselves pushed aside by its advance.

HARBOUR MATTERS.

The Minister of Public Works, the Hon. J. I. Tarte, with his usual impetuosity and originality, has opened a correspondence with the two great railroad systems of the country with the view of inducing their co-operation in promoting the export trade of the West through the St. Lawrence route to a greater degree than heretofore. The object aimed at is an important one, and from a Canadian standpoint is worthy of the utmost commendation from all interested in the port of Montreal as well as the country at large.

The Hon. Minister in his letters shows that he has large views and is optimistic as to the possibilities of the St. Lawrence route, in the near future, by united action on the part of those who should be interested in that route. In this respect our local authorities would do well to act upon the Minister's energetic example, and promptly decide upon a policy that will be final.

The answers brought out by the Hon. Minister's letters are interesting. The Grand Trunk's reply is in effect what might have been expected. That company, it is stated, has expended so much capital in Portland and on the road leading to it that, in the interest of the shareholders it is incumbent on the management to make Portland a summer as well as a winter port, but at the same time it is promised that the interests of Montreal will not be neglected. In this connection, the complaint is made that the terminal facilities in Montreal harbour are totally inefficient; and, moreover, the shipping interests are handicapping the St. Lawrence route by excessive rates for ocean freight, which are far higher than those prevailing on American Atlantic ports.

The Grand Trunk has now an elevator conveniently situated at the upper end of the Windmill Point basin, but since the date of the Grand Trunk's letter, above-mentioned, it has been given out from the harbour office that a proposal has been made by that company to construct an elevator in the centre of the harbour. The nature of that proposal or conditions attached are not given out. Why this reticence, in a public matter of so much importance, is not stated. Secrecy in such a matter cannot be justified. However, by the time this article is in print the proposal will doubtless be made public at the meeting of the Harbour Board.

The reply of the President of the Canadian Pacific to the Minister's letter is still more interesting to all concerned. Mr. Shaughnessy is always clear and incisive when he writes for publication. He also complains of the lack of terminal facilities for handling freight in the Montreal harbour. The President of the Canadian Pacific lays great stress on the fact that most of the attention is given by the port authorities to the construction of grain elevators to the neglect of the important trade in package freight, for the care and handling of which there is not sufficient provision here. The point is made that without that package freight ocean vessels will not come here for grain only, and that feature of the trade should receive more consideration. With the increase of that branch of the export trade a greater flow of grain will follow and more ships will come to the port to take it away.

Mr. Shaughnessy attaches much importance to this package freight feature as a means of attracting both ships and grain to this route, and he states what is probably new to most people—that the Canadian Pacific is bringing 70 per cent. of the total export package freight to Montreal. He, therefore, speaks with authority in asking for fuller consideration as to the requirements for its handling and what should be done to increase the volume of it.

The Canadian Pacific Company evidently looks forward to the time when the French river improvement is made, so that their large steamers on the upper lakes will connect with that railroad at North Bay on Lake Nipissing as a central point from which freight can be brought by rail and forwarded at all seasons, profitably, to the seaboard. This is undoubtedly a very important feature in the future of the transportation problem. The further improvement of the aids to navigation in the river is also strongly urged and well timed, if a greater volume of shipping is to be induced to come to Montreal.

Perhaps, one of the most important questions raised by Mr. Shaughnessy is that of better facilities for the railroad traffic on the wharves. This feature of the business of the port has not received the attention it deserves, in view of the changed conditions of the course of trade. Yet when the present dislocation of the trade in the central harbour is overcome—as in the course of time it doubtless will be, notwithstanding the slow progress made—it will be found imperative that a radical change in the management of the railway system on the wharves will have to be made. Our present fine lines of water inland transportation will always exist and, as heretofore, will be improved as fast as competition and the requirements of the trade call for it, and for certain classes of freights will always have advantages over the railroads. At the same time it is evident that railroads are carrying more and more every year, a larger proportion of what is called package freight for export.

The interchange of that freight from rail to ocean vessel with the least possible cost in handling becomes, therefore, a matter of prime importance, and the mere building of grain elevators will not help that branch of the port's trade. The proper provision to be made for that feature of the trade, which may reasonably be expected to increase largely in the near future, opens up a large question and will require the most serious consideration from all those who may have to deal with it, and who have the real interest of the port at heart. The present rail system on the wharves has never been satisfactory. It was established some 15 or 20 years ago when the railroad traffic was comparatively small and separate lines were leased by the Harbour Board to each of the only two lines then in a position to use them. Consequently the rails are never used to their full capacity. It has not been an uncommon thing to see the tracks of one company occupied from end to end, and more room wanted for cars waiting to be sent down, whilst the tracks of the other company had but few cars on them. Under a different system of management this could be avoided, and the tracks utilised to the fullest extent.

An independent management of that kind was proposed about the time the present arrangement was inaugurated—and, if we are rightly informed, was strongly urged by the management of the Canadian Pacific of that day. The negotiations to that end, however, fell through. At that time there were no other railroads seeking an entrance to the wharves, but now there are, and in the interests of the port, as well as the whole

country, they will have to be given the entrance they are wanting. It is clear that there is not room for more double track and independent lines along the limited space of the shore wharves, and a change of the whole system within a short time is inevitable.

Then, again, the railroads as well as the port does not derive the full benefit from the wharf tracks because the traffic is hampered by the regulation which confines the movement of the cars to the night time. In the interest and safety of the large pedestrian and vehicular traffic on the wharves, constantly moving in the day time, such a regulation is a wise and prudent one, but it is detrimental to the trade of the port, and adds to the cost of handling all the freight brought by rail to it.

This is a difficulty that should be considered and overcome before the tracks are relaid on the new level. There seems to be no good reason—engineering or other—why all the railroad business on the wharves should not be carried over a system of elevated tracks, which could be freely used at all hours of the day and night, and the surface would then be free from danger to ordinary traffic. This is not a new idea, for it has been frequently suggested from various quarters and has been advocated in these columns. There appears, however, to be some one in authority wanting, with a grasp of the position and requirements sufficient to deal with such an important question as this is.

The progressive city of Chicago has recently decreed that all railroads running within the boundaries of the city, whether carrying freight or passengers, shall do so on elevated tracks, and perforce the companies have to comply. Of course, all kinds of objections were raised on the ground of inconvenience and cost, but in the end the ordinance was passed and will be enforced, and all interests in that city will be benefitted in the end. In our harbour the cost of elevated tracks will of course be greater than surface tracks, but the increased facilities for the economic handling of freight will be such that the extra cost will soon be recouped and the trade of the port and the country will receive a permanent benefit.

BRITISH TRADE FIGURES.

The record of British exports and imports for the first six months of the current year show that business was a trifle less active than it was a year ago. The only serious falling off is in the exports of coal, pig iron, and metals, and their products. Imports show a small increase, and the undertone is firm and confident.

The imports for the six months were valued at \$1,312,533,000, showing an increase of 2.7 per cent. The imports of foodstuffs showed larger values by \$41,500,000; of which \$13,300,000 is in corn. Wheat is only a trifle more in quantity; but flour and oats show substantial increases. The large increase in sugar and tea imports was due simply to the expectation (fulfilled later) of higher duties on these staples. Dead meat—a branch in which we are interested—shows an importation of 9,369,401 cwts., against 8,874,011 cwts. in 1900.

In other branches of import trade various fluctuations are shown. Crude copper and iron ore fell off. But owing to the increased demand for carbide of calcium for making acetylene gas an expansion is shown in chemicals. Textile materials show a growth of \$13,750,000 during the six months. And this is due partly to the increased quantity, and partly to the higher prices ruling for raw cotton. The latter was the more important factor; for, while the quantity was only 2.1

per cent. larger, the value was increased 16.7 per cent. Wool is in a diametrically opposite condition; for, while a much larger quantity has been imported, the value shows a falling off of \$6,000,000. In the case of hides, the decrease in imports is looked upon with satisfaction, since it indicates an improvement in the agricultural position in India, where a year ago the cattle were being killed and their hides exported, owing to the want of food both for man and beast.

The falling off in the exports of British products by \$27,901,000, or 3.8 per cent., is due principally to the reduced shipments and lower prices ruling for coal. The exports of British coal declined 4.9 per cent. in quantity and \$11,625,000 in value from those of the first half of 1900. This occurred almost exclusively in the exports to Russia, Sweden, and France—the latter country having evidently ceased to gather in her reserve supply in case of war. The cotton piece goods trade held its own; the increased shipments to India offsetting the decline in the demand from China, Japan and South America. It is in metals and their manufactures that the heaviest decline is to be found. The falling off under this head reaches \$21,200,000. And it is distributed over nearly everyone of the numerous divisions into which these products are classified. In pig iron alone there is a decline of 372,000 tons in quantity and over \$10,000,000 in value. In fact, in this staple the percentages of decline reach 45.4 and 59.1 respectively, and are due to the falling off of demand in Germany, Holland and Belgium. Heavy declines are also recorded in bar and angle iron, galvanized sheets, tin-plates, cast and wrought iron and unwrought steel. On the other hand, there has been a substantial improvement in steel rails, chiefly in India and Argentina, and a large number of locomotives have been shipped to South America, Australia, and South Africa. The demand for English sewing machines on the Continent has also improved. But the drought and depressed condition of farming in Russia has lessened the sale of agricultural implements to that country.

Altogether the outlook is not unpromising. Since this report was made the great strike has commenced. And, whether it be settled speedily or not, it has already had a marked influence on prices. American buyers are picking up in England all the tin and Canada plates they can find. Prices have risen sharply. Ingot steel, black sheets, tubes, hoop iron, and plates are all firmer on light stocks and a keen demand. In fact the false security of the United Steel Co. has received a sharp jar. Even, if a compromise be arrived at now, it will be no guarantee that the conflict will not break out again later on. A compromise in a matter like this satisfies neither side. Neither have tested their strength or weakness. Neither have suffered a defeat sharp enough to destroy their confidence. Hence customers feel that the conflict between the Trust and the Unions is only postponed and not eliminated. And they are, therefore, turning their attention to the British markets in order that they may not again be taken unawares.

CANADIAN GOODS ABROAD.

Due credit may not be given Canadian canned goods industries by recent writers from England, merely because the products of Canadian canneries are not flooding the English market and, by their extra merit, showing all others aside. It should be considered by these

writers that the Dominion is young, and particularly so in the canned goods line. While Canadian agriculturists have acres broad enough to supply the markets of Great Britain, it is only in recent years that their products, canned or otherwise, have been grown or prepared for that purpose. The Canadian canned goods output is this year being restricted in order that prices may be sustained at a profitable basis. While this goes to show that practically nothing beyond local needs is being looked after, the gradually lessening time across the Atlantic must shortly find canned goods seeking the markets which fresh fruits, meats and other commodities are now invading.

In comparison with the goods canned in the United States it will be no great effort for Canadian canners to win the British markets, once they prepare and send over their products with the same care as shown by our enterprising Southern neighbors. Take, for instance, canned tomatoes, the most staple canned food on the United States market to-day. The quantity of these goods purchased by American retail grocers is more than double that of corn, beans, peas or other vegetables. The very choicest tomatoes shipped to all points in that country are grown in New York State, which is nearest the Canadian border. This is accounted for by the cooler and more bracing Northern air and comparative absence of humidity, which permits this plant to harden and improve in juice and flavour throughout both the growing and ripening periods. The difference is readily apparent when on the table, and still more after the process of canning has permitted the product of the North to hold its original flavour and solidity as against the mushy appearance and weakened flavour of the Southern grown article. It is the same with Canadian apples, berries, or other fruit which find an abundant home, luxurious growth and high perfection amid the bracing breezes of the Northern hills and valleys.

As with Canadian manufacturers and mineral prospectors, our canned goods industries are moving slowly but steadily along, working well the ground around the old home before venturing farther out. But steamship owners and railway officials are ever on the alert for means whereby trans-Atlantic trips may be shortened and made more secure, so that as Canadian canners see their way to produce for export, better facilities will be in waiting. A resident of Canada, writing from London recently, said: "Canned goods (Canadian) such as I have shown samples of can be largely sold here. No better goods have ever been placed on this market. All I want to make this a success is plenty of stock here to deliver promptly. I wish you could make it known in some way to the manufacturers of Canada the enormous consumption of goods in this market that are imported from foreign countries." The writer instances importations of 750,000 cases of peaches from California, thousands of cases of tomatoes from Italy, and peas, corn, etc., from all over the United States. He concludes: "The Yankees are invading this country. I have read some good letters here on 'Wake up, England.' This would apply to Canadians, 'Wake up, Canada.'" In this connection also, a letter from a London firm says that they are handling large orders for goods from the United States, and would be glad to hear from reliable Canadian firms, who are in a position to compete with United States rivals. They have, for instance, recently put through orders for seed drills to the value of \$15,000, which went to New Zealand, and anticipate that the

order in this line will next year total \$25,000. These were shipped chiefly from New York, to which city the firm is constantly passing orders for hardware lines, tools, etc. They have sold, for United States firms chiefly, immense quantities of canned goods, apples, beef and mutton, pine lumber of every form, flour, steel, tin plate bars and foundry and steel and iron merchant bars.

Asking a country of 6,000,000 to "wake up" against the business aggressiveness of a neighboring country of 78,000,000 inhabitants appears like requesting a good deal. Another letter this week from a Canadian who has been travelling extensively on the Continent, refers to the apparent lack of knowledge of happenings in Canada, or interest in news of crops, etc., displayed by the English people and press, as against the doings of the Americans, where almost every individual happening is chronicled. This is but natural. As the news of Canada centres in Montreal and Toronto, so the news of America in general centres in New York, Philadelphia, or Chicago. Canadians hear daily of London, Manchester, Glasgow, and other large centres of European activity, yet a traveller in Canada from any of the numerous smaller manufacturing places might be surprised at the lack of detailed knowledge of his locality.

With the steady march of progress, the larger distribution of the products of Great Britain in Canada and vice versa, assisted through judicious advertising as is now being shown by the more enterprising firms in both Great Britain and the Dominion, Canadian canned table foods will spring into favour throughout Great Britain to an extent which will call for numerous additional canning enterprises throughout Ontario and Quebec, and which will more than offset the loss in grain-growing which is being taken over, gradually, by the farmers of Manitoba and the North-West.

Now that Canadian butter is being liberally introduced on the English markets it is highly pleasing to makers, shippers and the Canadian public in general, to hear of the place it is being allotted as against the choicest productions of the best known butter-producing countries of the world. In a late issue of the weekly Colonial Dairy Produce circular of Messrs. W. Weddel & Co., London, the following appears: "Those buyers handling Canadian 'fancy' creameries are more than pleased with them. There is a very great richness of flavour in the quality of the best brands that is not found even in Danish." To this excellence Canadian makers were not slow in arriving, and as progress is as much the watchword now as at the outset, if there is any better quality to be produced under the sun, Canadians possess the advantages for its production, both natural and acquired.

MINING SPECULATION IN LONDON, ENGLAND.

For a people who are on their last legs, financially speaking, as some affirm is the case with the British at home, they are acting in a most incomprehensible manner. Depleted as their purses have been by the Boer war, they are showing that they have still "a shot in the locker," or, "a nest egg," which ever simile is preferred. There has been an outburst of speculation in mining stocks on a very large and in some senses an alarming scale. There are close upon 300 joint stock companies, or the frame work for constructing them, now in existence in England, London of course being headquarters. There is as much capital proposed to be

raised to finance the mines of the Transvaal as would buy the whole output of gold for the next twenty years. One of these companies, one of a group promoted by one man, managed by false statements to draw in an ex-Governor-General of Canada as President, who retired under circumstances honourable to himself, but most scandalous to the promoter. Several of these balloon mining companies are ostensibly intended to develop and work gold mines in Canada, the location of which is quite indefinite, but not more so than some that have been the basis of similar organisations in Canada against which this journal has persistently set up danger signals. There is an effort being contemplated to put some of the Rand, South African, companies' stock on the market in Canada. Whoever puts money into such shares will walk straight into an open trap, after this warning. It is needless to say more—our advice is, Stand clear! give all such seductive schemes the cold shoulder, for they are only worked to secure subscriptions to stock which is based on nothing more substantial than hired furniture in a London office, unless the brass in the promoter's frontispiece has equal value to others as to himself; for such bold operators can truthfully say, "My face is my fortune!"

THE TRAMP NUISANCE.

The phenomenal disappearance of the tramp during the harvest season is one of those circumstances which throw more light upon the proper method of dealing with the nomadic nuisance than all the reports of the mendicity experts. During the summer he has been a nuisance to all those agricultural districts which are reached by the freight car which is his chief reliance for transportation. North-West papers abound with accounts of depredations, burglaries, assaults on women and children, barn burnings, etc., attributed to the tramps which infest the prairie farms. Yet the moment the harvest approaches, and an appeal is made for 20,000 men to gather it in, the tramp disappears as if by magic. He beats southward for districts where the harvest is over. For he can no longer excuse begging or pilfering when the country is being scoured for men to work.

The fundamental characteristic of the professional tramp is laziness. And it is only by applying every method repugnant to laziness that the tramp nuisance can be successfully attacked. Compel him to work in any locality and he forthwith disappears from it at once. Hence at the recent conference in Philadelphia to deal with the tramp nuisance the most sensible suggestion was the establishment of wood-yards and stone piles in every locality infested by the tramp where the wandering vagrants could be set to work sawing wood and breaking stone. In those States where the good roads movement is in progress, as in Ontario, the itinerant gentry could be employed upon the roads for stated terms. In this way, the tramp from misfortune could be separated from the tramp from instinct. The former class could be aided and reinstated in settled society; while the worthless could be expelled and in time eradicated.

The great army of "hoboes" who spend their time travelling from one section of the country to another, subsisting on food begged or extorted by fear from farmers' wives, and sleeping in barns and outhouses where their carelessness with matches forms a perpetual men-

ace of fire, furnishes a very troublesome and expensive burden to any portion of the country where they sojourn. There can be little control exercised over men who are ever on the move, who have no moral responsibility, and who usually select for their temporary habitations the more sparsely settled sections where the power of the law is not easily invoked. It is, therefore, expedient for social security and stability that this mass of peripatetic vagabonds should be compelled to have a fixed abode where the guardians of order can concentrate attention upon them, and the moral and social requirements binding on the individual can be enforced.

In this direction much can be done by the railways. At present, whether from fear or sympathy, the crews of freight trains are apt to deal far too leniently with these professional wanderers. Hence when they have exhausted one neighborhood they have only to jump on a freight train and proceed to another. It is to this ease with which they can travel from one section to another that the size of the army of tramps is due. It is hardly possible to read any account of a wreck of a freight train without finding that among the injured were a gang of tramps who were "stealing" a ride; if such a thing can be said of an act which custom seems to have legalized. Were the railroad companies to work hand-in-hand with the municipalities, much might be done for the amelioration of the tramp nuisance. The railroad companies can prevent easy change of locality. And the modern tramp will not walk far. It is too much like work. The municipalities can keep ready the wood and stone piles and the improvement of the roads. More work. With work thus confronting him everywhere, the life of a tramp would no longer be attractive to him. The farmer's wife would no longer be terrorised. The country store would not be broken into. Women on lonely roads would no longer be insulted—while the tramp himself might be converted into a law-abiding and useful citizen.

FUTURE RAILWAY BUILDING.

It seems to be recognized in railway circles that future projects of construction will look principally to the building of "feeders," and that the coming trunk lines will be few. It is the belief of traffic experts that the need of better terminal facilities, and the special requirements of particular sections, will be the forces governing railway building in the future; since it is evident that all the trunk lines needed at the moment are already constructed and able to carry double the traffic now offering, or likely to offer for some years to come. Hence to further parallel them would be a financial blunder; as a railroad that will not yield a prospective profit to its projectors has no legitimate reasons for existence and would not appeal to modern investors who have learned caution from the lessons of the past.

The lines now in operation are pretty sure to seek improved outlets, and there is bound to be a small but steady increase in mileage having for its object the development of some particular interest or section as in the case of those now building in Algoma for the purpose of exploiting the New Ontario. But more than this we need not look for in the near future. In the older provinces and states the existing mileage supplies all the facilities required and no considerable new mileage could be built in them with any assurance of profit. Hence capital would hesitate in backing them, and pre-

fers to turn its attention to the development of urban and inter-urban electric roads, a department of transportation which is still in its infancy.

The expenditure of the railroads themselves will likely be concentrated upon the improvement of existing road-bed, etc. During their early career the rapid development of the country caused hasty extension of lines into new localities at the expense of solidity of construction. These are being gradually rebuilt solidly, the old wooden bridges are being replaced with steel, permanent embankments are taking the place of the stretches of trestlework, and heavier steel rails are being laid to cope with the ponderous engines and heavy freight trains of the present day. In fact, a comparatively perfect road bed is required for the high speeds attained by modern express trains. As speed grows higher the alignment of many roads will require to be improved, and possibly grade crossings will finally be abolished. Thus there will be just as much money spent as ever in railroad construction. But it will be utilized for improving the facilities of existing roads and not in the construction of new roads to parallel them.

AUTOMATIC SHUTTLING.

A recent letter in the Spectator of London shows how keenly British manufacturers watch American trade inventions. The Lancashire cotton manufacturers are fully alive to the importance of the revolution in the method of weaving brought about by the American invention of the automatic shuttling loom. But with native caution they are balancing the merits of the American Northrop Loom—which is a costly machine whose adoption would mean the throwing out of their existing looms—against those of the Crossley Automatic Shuttling Attachment which can be applied to all existing looms at a very trifling expense, and by using which sixteen looms can be run by a single weaver. They are certainly not neglecting the principle of automatic shuttling. In fact, it will soon be universally adopted, and will work as great a revolution in weaving as the “weft-fork.”

THE PETROLEUM INDUSTRY.

The figures of the world's production of petroleum during the year 1900 are principally interesting to us as evidence of the declining production of Canadian wells shown by the decrease of our exports of oil and the steady increase of our imports from across the border.

The Canadian petroleum industry reached its climax in 1873, when we exported 9,355,325 gallons of oil, and our imports were nil. From that year the reduction became practically a steady one, until, during 1900, our exports of petroleum products amounted only to 6,738 gallons against imports of 9,633,647 gallons from the United States. During the past year, however, we produced 11,697,000 gallons of illuminating oil, 1,349,530 gallons of benzine, 5,411,000 gallons of gas and fuel oils, 2,087,000 gallons of lubricating oils and tar, and 2,792,706 lbs. of paraffin wax. The whole was valued at \$1,747,352, while our imports of petroleum products rose to \$864,833—the highest figure in the history of the petroleum industry of Canada.

In the United States the course of petroleum industry is the exact converse of our own. Last year the production reached 63,362,704 barrels, valued at \$75,752,691, while Canada is only credited with 625,650 barrels of crude oil. The United States output was the largest on record, and since it was made before the recent discoveries of the Beaumont oil-fields in Texas there is but little doubt that the output for the year now in progress will be still larger. More wells were drilled in the Pennsylvania and Trenton rock-oil fields during 1900 than in any previous year. And of the 14,583 new wells drilled in these fields 11,761 wells were productive, and only 2,822 were “dusters,” or did not produce oil in paying quantities. Coupled with the increased production came the unusual concomitant of higher prices. The average price of Pennsylvania oil was \$1.35½ per barrel, of Lima oil 98 cents, and of Texas oil, \$1.04½ per barrel. These prices compare with \$1.31, 71 cents and 72 cents, respectively, during the previous year. Hence the value of American crude petroleum produced in 1900 was \$11,000,000 more than in 1899 and \$30,000,000 more than in 1898.

This rise in prices came in despite of a largely increased production in other countries. Russia produced the enormous amount of 77,230,561 barrels, or 13,867,857 barrels more than the United States. But the next largest producing countries show up very poorly. Galicia is credited with only 2,346,505 barrels, Roumania has but 2,000,000 barrels, the much-talked-of Sumatra wells only produced 1,520,000 barrels, while Japan pumped 1,116,720 barrels. Canada now occupies the foot of the list of oil-producers and we are steadily drifting into the category of consuming countries. Perhaps our people have turned their attention to something more profitable. Last year the Canadian consumer paid in duties \$423,213 on imports of petroleum products, of which \$410,812 was charged on illuminating oil of which we imported 8,216,207 gallons against a home production of 11,697,910 gallons.

The total production of the world is placed in round numbers at 150,000,000 barrels. And, as new sources of supply are constantly being discovered, while the older fields, especially the South Russian, are being extended and their resources more fully developed, it is more than probable that the production will increase from year to year. The growing use of fuel oil will cause the rapid development of those regions where that grade of oil is found. And this will compensate for the tendency in all cities and towns to abandon the oil lamp for more modern forms of illuminant. The petroleum industry is a most important one, and new uses are found for its by-products almost every day. It is, therefore, to be hoped that the future may show that the oil-fields long prospected for, and now receiving new attention, in the Gaspé peninsula in this Province, as well as the borings at Athabasca in the North-West, may prove that the petroleum deposits of Canada can be extended beyond their present limits in the influential district of Petrolea where the Canadian oil industry was born, and where under enterprising and energetic management, it attained its highest point of development.

—The extension of the Hamilton, Ont., Radial Railway to Oakville will be commenced at once. Doubtless Toronto will shortly be reached.

“RED HAND”

ROOFING **FELTS,**

Foundation Felts. Dry Hair Felts.
Inodorous Felts. Silicate Cotton
Slaters' Felts. Patent Hair Fabric.

ARE UNEQUALLED **THE WORLD OVER**

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

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

LOYALTY TO THE TRADE IS OUR MOTTO.

BOOTS AND SHOES.

Canadian manufacturers of boots and shoes are bestowing more attention on their output for the coming fall and winter than has been the case heretofore, urged to greater effort in style and finish by the expectations of a "record" season ahead, through bountiful crop yields and exceptionally good chances for the labourer and tradesman in work and wages. Inquiry among leading makers shows that there is more attention being paid good solid shoes with a corresponding indifference as to goods gotten up to sell at a cheap price as leaders. This move, brought about mainly by evidence of splendid crops, is of much importance to the boot and shoe trade in general, as, once adopted, its continuance will not be interrupted by temporary drawbacks, but will ensure for both manufacturers and retailers better satisfaction and better profits.

As a result of letters on the subject during the past season, we have devoted some space of late to the manufacture of this class of goods from the standpoint of right and wrong, solid stock and paper counters, durable wear and two-piece, chip, or paper inner soles, etc. On this, we believe, too much cannot be said. If any minor transaction serves to either please or irritate, satisfy or provoke the wearer of shoes, it is to see them extending their useful career, or giving out before their natural time. It matters not what was paid for the shoes. It matters not what length of time it took to earn their price, nor whether the purchaser and wearer be a banker or labourer. The thought arises every time he puts on or off these shoes—in case they have proved inferior—that the man who sold them got the better of him once, and it will be his own fault if the same dealer gets the better of him again.

On the other hand, the neatly-built shoe, which stands breaking in without breaking out, and continues to be a daily reminder to its wearer that persistency against all knocks, and a perpetual appearance above criticism are attributes worthy of emulation, is a walking advertisement for the dealer who sold it and will be the means of directing new customers to his place of business, who, in turn will direct others. It is easy to conceive, then, how injurious it is to deal in shoes that are not fully

guaranteed by the manufacturers to be built of strictly solid leather. Of cheap or low-priced shoes there are plenty. Limited demand always exists, but the experienced, shrewd retailer freely tells of their expected wearing qualities as they are being inspected. Men's sewed shoes of "satin" calf, solid leather, may be sold retail at from \$1.75 to \$2.25, and if they separate on the sides after a month or two, by the stitches drawing, it is neither the fault of the retailer or maker. The wearer was, doubtless, told, or knew, when he purchased them that this would be the first defect to appear. Consequently he knew what he would reach after travelling a certain distance. But not so with the mysteriously-manipulated shoe containing all outer appearance of longevity, comfort, style and finish, and which is sold retail at \$3.50 to \$4. But few of these, fortunately, have made their appearance in Canada, and for the reputation of Canadian makers it is to be hoped the end has been seen.

The new style in ladies' wear will have the "military" or straight cut heel. It is slightly higher than the common sense heel which met with such favour on its recent introduction. The shape of the new heel, however, will still carry much of the former's redeeming qualities, as it does not possess the extreme curvings noticeable on the old-style shapes. The "Cuban" heel is also a new feature which will seek favour. This is thrown more forward as in the French shape, and in height is the same as the "military." Heavy and extension soles will predominate, golfing, and other outdoor exercises assisting this introduction, which is but a step ahead of the heavy soles of last year. There is but little tan showing, enamel and patent leather taking the place. A new feature in ladies' shoes will be shown in rubber heels and soles, the latter covering the entire width of the sole as in men's wear. The lasts are about as last year, medium and wide toes, with no distinctive feature.

Men's shoes are not materially changed from the perfect fitting and durable shapes which were perfected a year ago. The toe caps will continue principally plain. Tans, as in ladies' wear, are gradually dropping out of the race.

JOHN HALLIDAY & SON,

Wholesale and Export Manufacturers

Of Strong and Medium

Men's, Women's & Children's

BOOTS

In Sewn, Screwed, Wood-Pegged,
or Rivetted

WARRANTED
ALL
LEATHER.

BRAMLEY, LEEDS,
ENGLAND.

(Cut will be inserted next week.)

THE CEMENT TRADE.

During the past three or four years quite a marked change has come over the cement trade in this country. Prior to that period all the cement used in Canada was imported from Great Britain or the Continent, and distributed by middlemen resident here. Since then, however, the domestic manufacture of cement has increased by leaps and bounds. Ontario now produces all the cement required within its limits and out to the Far West, and the sale of imported cements is confined to this Province and to those points in the West which can be reached by cheap water routes. Even within this Province the domain of imported cements is being invaded by American cements which can be landed here at such figures that we are confronted with two alternatives—either that American cements are sold below cost, or that our Canadian works are making enormous profits. As a case in point, the contract for the cement for the Chambly works may be cited. After paying 43 3-4 cents duty, and 30 cents per barrel freight, the American cement was able to undercut the Canadian by 18 cents a barrel delivered at the works. In fact, first-class cement can be procured at American mills at \$1.10 per barrel, without cost of package.

Lower prices for Canadian cement are, however, a certainty. Of late every owner of a marl deposit is starting a cement factory. There are three now in operation in Grey County and two more are projected there. There are large cement works in Hastings, Welland and Brant counties, some working, and others in projection. Besides these there are many small plants in

other localities. The present Canadian output of about 2,000 barrels per day must soon be increased to 5,000 to 6,000 barrels. And, since the existing consumption is not over 1,500 to 2,000 barrels per day, the result will be overproduction with its necessary sequence of either consolidation, and the closing out of the smaller plants, or else a suicidal struggle which will end in the survival of the fittest.

As regards imported cements English cement, which formerly controlled this market, is now losing ground here because it is not sufficiently fine to comply with our specifications. Canadian engineers follow the American rule in regard to fineness. And, as the English does not comply with this, it is necessarily passed over in favour of Belgian or German cements which do. A proof of this is shown by the shipments for the present season which amount to 52,545 barrels Belgian and German, and to 10,350 barrels English. When the existing prejudice against American cement dies away these figures will be still further cut down. But it still exists. In fact, in the construction of the Bellevue, the largest residential apartment building in this city, only the finest of German cement was used.

This predisposition in favour of German cement is a flattering testimony to the quality. But time and experience will naturally afford an opportunity to its rivals in the United States and in this country, although at present many country engineers will insist on German cement, even when they have to pay 30 cents per barrel more for it. In fact, one contract for 5,000 barrels was recently awarded for German cement at 35 cents

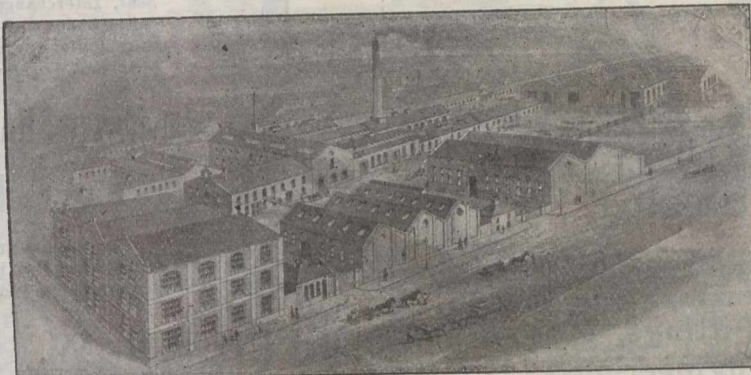
Contractors to the Lords of the Admiralty.

Telegraphic Address: "ROPES, SUNDERLAND."

CRAVEN & SPEEDING BROTHERS,

Hemp Rope Department.

- Manila 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. Galvani'd Wire Rigging

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

HEAD OFFICE:

FOREIGN AGENCIES: Hamburg, Antwerp.

Sunderland, England.

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

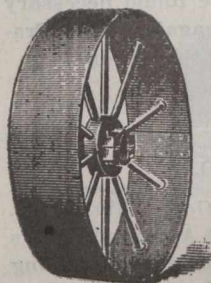
per barrel more than American cement of equally good quality was offered for. But this, of course, is a matter which time and experience will adjust. In the meantime, if the British cement makers wish to retain this market they must send us cements able to pass Ameri-

can specifications in point of fineness. Otherwise their already dwindling market will pass still further into the hands of the German, Belgian and American makers. The competition of the Western mills they need not fear, as rail freight rates prevent their being dangerous factors in this market. And the one local mill—now being built after its destruction by fire—has an output of only 200 barrels per day, which is absorbed by the local everyday demand and hence does not require to compete for large contracts. The British mills have, therefore, only to modify their make to meet our requirements in point of fineness, to regain much of their lost ground.

Douglas, Lawson & Co.,

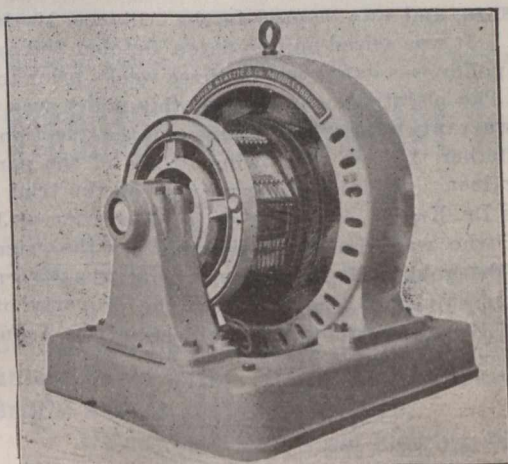
ENGINEERS,

Birstall, near Leeds,
ENGLAND.



Manufactured under the New Canadian
Tariff.

TELEGRAMS:—"Install," Middlesbrough.



30 KILOWATT DYNAMO.

Warren, Beattie & Co., ELECTRIC POWER ENGINEERS,

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

...MIDDLESBROUGH, England.

THE NEW ELEVATOR.

The Harbor Commissioners have finally decided that the 1,000,000 bushel elevator shall be located at the inshore end of the basin in section 16 which is between the new pier just completed and that now under construction and immediately opposite the present Island Wharf. The conveyers are to extend to ships at the middle and upper piers and the shore wharves between the canal and Victoria Pier and are to be arranged so as to load six ships at one time. Plans, specifications and tender, accompanied by an accepted cheque for \$25,000 are to be in by noon on August 27th next.

The Board also resolved to communicate with Captain Wolvin and his associates, the Canadian Pacific, Grand Trunk and Canada Atlantic Railways and other large transportation interests to ascertain on what terms they would operate an elevator and terminal facilities at Windmill Point were the Connors contract cancelled.

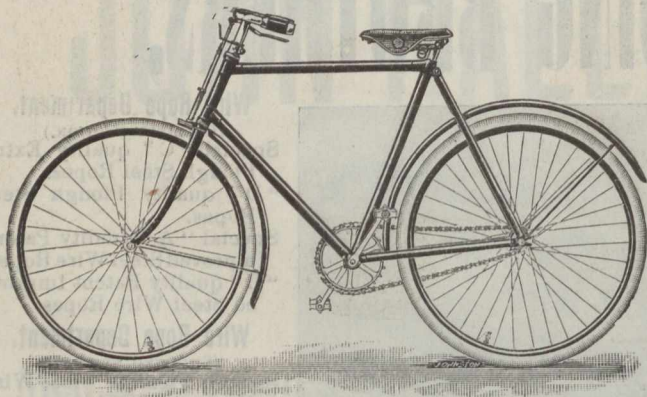
ILLEGAL PREFERENCES.

An interesting judgment has been given by Mr. Justice Pain in the Manitoba Courts upholding the principle that the practice of giving preferences to certain creditors in the form of chattel mortgages on mercantile stocks is illegal and unfair. The case was as follows:

The plaintiffs, Messrs. Codville & Co., recovered judgment against Rice, a storekeeper at Minitonas, issued execution against his goods for \$526, and placed the matter in the sheriff's hands. But, just three weeks before, Rice, who was indebted to the defendant in the case, Fraser, executed a chattel mortgage to the latter on all the goods then in his store to secure payment of \$550, being the

Holloway Manufacturing Company,

98 Duke Street, - GLASGOW, SCOTLAND.



High Grade Cycle Fittings, Motors and General Engineering.

amount of his indebtedness to Fraser. Rice made default in the payments due under the mortgage, and Fraser, under the terms of the mortgage, took possession of and removed the goods to Dauphin where they were sold, realizing 50 cents in the dollar. Codville & Co. brought action to declare that the chattel mortgage given by Rice was fraudulent and of no effect as against them. They also claimed that Fraser should give an account of the proceeds of the sale held at Dauphin for the value of the goods.

The Messrs. Codville argued that at the time Rice exe-

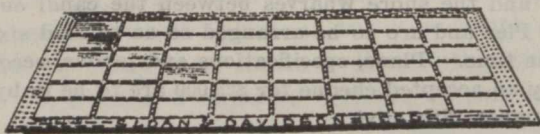
„Sloan & Davidson„

Architectural, Sanitary and General
—IRONFOUNDERS—

CARRICK FOUNDRY,

175 Kirkstall Road, - LEEDS, Eng.

4" x 3" Lenses.



No. 2 Semi-Prism Pavement Lights.

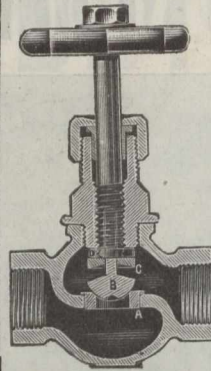
SPECIALITIES.

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.

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.

cuted the mortgage in favor of Fraser he was in insolvent circumstances and that his financial condition was known to Fraser, and that the latter knew it was the intention of Rice to give the mortgage as a preference. The evidence however, showed that Rice had acted in a bona fide manner in yielding to the repeated demands of Fraser for security and that the giving of the mortgage was not his own spontaneous act. The question upon which the court was asked to pronounce was how far the transaction was affected by the Assignments Act of 1900.

His lordship held that under section 33 of this act the chattel mortgage was void and of no effect, and the plaintiffs were entitled to the benefit of the provisions of said act. He also held that Codville & Co. should be entitled to demand from Fraser an account of the proceeds of Rice's goods sold under the mortgage and that Fraser should pay into court the amount found due them on an account, or so much thereof as might be found necessary to satisfy the judgment of Codville & Co. against Rice. Fraser was also ordered to pay the costs of the action.

COMMANDEERED GOLD.

The suit brought by the Robinson Gold Mining Co. against the Alliance, Marine and General Assurance Co. is attracting much attention in English insurance and mining circles. The suit is to recover the value of a consignment of gold shipped from Johannesburg to Great Britain and seized by the Transvaal authorities at the frontier. The gold belonged to ten different companies, was valued at \$1,118,750, and was insured in the Alliance, Marine and General. It was seized on two dates, October 2nd and 9th, and the policy was dated two or three weeks prior to these dates. The plaintiffs contend that this policy was meant to be a warranty against war risks, and the question arose as to whether the loss was owing to one of the perils insured against. An interesting witness on the trial of the case was Dr. Krause, late first state prosecutor of Johannesburg, who was himself responsible for the seizure of part of the gold. He pointed out that his government had a perfect right to commandeer the property of subjects, and these companies were subjects of the Transvaal. The matter is not ended yet.

TICKET "SCALPING."

The Appellate Division of the Supreme Court of New York has rendered a decision that the law to abolish ticket "scalping" which forbade traffic in railroad tickets by others than authorized agents of railroad companies is unconstitutional and void. "It is evident," said Justice

SIMMONS & CO., Wholesale Manufacturers.

The "ZENANA," 37s.



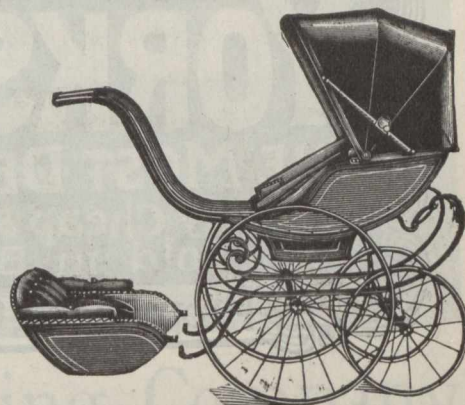
The "KANEE," 62s.; as shown, 72s. 6d.



As a Perambulator.



As a Mail Cart.



The "COMBINATION," 54s.; as shown, 67s. 6d., 87s. 6d., 107s. 6d.
EVERY CARRIAGE GUARANTEED PERFECT AND DURABLE.
 Scores of Designs. Send for Complete Catalogue.

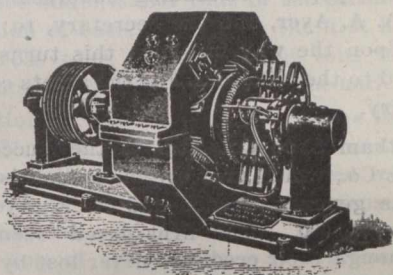
3, 5 & 7 TANNER STREET, LONDON, S.E., Eng.
 Telephone No. 980 HOP. Telegrams:—"QUADRICYCLES."

ALFRED SYKES,

ELECTRICAL ENGINEER,

Spring Place Works,

Huddersfield, ENGLAND.



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

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.**

McLennan, "that whatever may be the nature of the arrangement which is evidenced by the ticket, whether it be a token or a prima facie evidence of a contract, when the ticket is sold it belongs to the person who buys it, and unless its use is in some way limited, it has the same quality as every other kind of property."

The railroad companies must now endeavor to devise a ticket which shall bear a limitation upon its use, for the court only denied the right of the Legislature to prohibit the traffic in tickets "when such sale is not in violation of any contract made with the transportation companies upon the sale of such tickets by them." Would a notice on the ticket that it was not transferable be of any validity unless the purchaser's name were on the ticket? To attempt to write the name on the ticket would involve intolerable delay, but if the ticket set forth upon its face that it was not good if transferred would not that be a contract between the seller and the buyer?

The railroads hold that the Supreme Court has laid undue weight upon the ticket as merchandise. They hold that it is merely evidence of a contract. Now, they contend it is not unreasonable for the Legislature to forbid the sale of contracts by any persons other than the authorized agents of the party upon whom the contract imposes an obligation. There are evidences of ownership of contract, which are not transferable. Yet they are pieces of paper for which money has been paid, and are merchandise. It is provided on their face that they are not transferable, so that they are received with that understanding. Might not a railroad ticket, then, be non-transferable by the mere announcement to that effect upon its face?

THE CHICAGO-BRITAIN LINE.

The experiment of sending two steamships direct from Chicago to Britain with cargo has not been a profitable one. Nevertheless, both boats will be dispatched again to see if the experience gained in the initial voyage will not enable them to do away with the losses arising from delays in transit. According to President Charles Counselman if anything prevents the success of the venture it will be the insurance rates. They are now \$1.25 per \$100 on the cargoes, as against a rate of from 15 to 20 cents from New York to Europe. There is a difference of about \$1.40 per ton on high-classed provisions from Chicago to Europe compared with the rate charged by the insurance companies from the seaboard to Europe, and as everything else is rated proportionately high a large part of the profits are eaten up. The companies simply base the excess charge on the risk they assume through the rivers and canals, and with this eliminated the charges should not be more than 50-cents per hundred.

Mr. Counselman does not believe that the insurance rates

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.

will be lowered because the Lloyds of London who dominate the marine insurance business, do not seem to favor the plan of an inland lake line direct to Europe. Return cargoes are another important factor to be considered, and they are not being obtained as easily as might be expected, as although the British have taken to the new line quite readily in matter of sentiment, they are not coming forward with the freight. Mr. Counselman says that the company is simply an experiment, and that if after a full year's trial it is found that the current obstacles cannot be removed the boats will be put into the lake trade during the summer months and go coastwise in the winter.

A SPECIAL CALL.

The Mutual Reserve Fund Life Association has issued a special call to provide for the earlier payment of death claims than is possible in the case of post-mortem assessment insurance provided for by calls at intervals of two months, based on approved claims, as has been the practice of the Association hitherto. To the reduction of the amount of outstanding death claims every dollar of the special call will be devoted, and it will in the end render the cost of their insurance to the members no more than under the former practice, for the reason that in the end the members themselves must provide the means for the payment of all death claims, while provision for earlier payment should enhance the value of the insurance.

The Association also announces the probability of its re-incorporation as a mutual level premium company, but, before taking measures for re-incorporation the amount of outstanding death claims must be reduced to the minimum, so that the Association, upon effecting re-incorporation, may thereafter conform to the usual practice of level premium companies to approve and pay death claims upon receipt of satisfactory proofs.

AN ALLEGED FORGER INNOCENT.

It is pretty generally acknowledged that when a man gets married the worst is said of him, but it is seldom that this gets as far in such cases as a complaint of forgery. The return of Mr. Wm. Matthews, private banker, Huntsville, Ont., whose wedding trip abroad some weeks ago was somewhat interfered with through the rumour that he had been guilty of forgery, has dispelled any such idea from the minds of his friends. He was shown to be innocent of any such charge, the party at whose instance he was wanted on the alleged offence subsequently swearing that the signatures were not Matthews' but his own. Apologies, long and deep, are now in order. Mr. Matthews, who is an ex-President of the Huntsville, Ont.,

Board of Trade, and has the confidence of his fellow-citizens, was warmly greeted on his return to that town recently, with his wife. The bank is still doing business and he is connected with it as formerly. It is quite evident the whole difficulty arose through a misunderstanding, but Mr. Matthews has suffered a good deal of unpleasant notoriety, and has the sympathy of a host of friends.

CALLED A MEETING OF CREDITORS.

The Whitham Shoe Company, Ltd., of this city, called a meeting of their creditors on the 30th instant, which was adjourned until the 1st to receive the report of a committee appointed to investigate the company's standing. In the trade it is said that the business liabilities will reach \$29,000 of which \$12,000 is in open accounts and \$17,000 in bills payable. But it is understood that the company has paper outstanding endorsed by the President, Mr. A. A. Ayer, and the Secretary, to the extent of \$130,000. Upon the way in which this turns out depends the dividend to the creditors. For the assets consist largely of machinery.

The Whitham Shoe Co., Ltd., is the successor of Jas. Whitham & Co., which firm originally consisted of James Whitham as general partner and A. A. Ayer as special partner for \$20,000. The firm never seemed to make money, although their creditors never lost by them. And it was the same with the company. After a few years it was reorganized and practically liquidated. Mr. Ayer became President, the Messrs. Whitham quitted the business; a number of employees took stock and Mr. Bailey was appointed superintendent and manager. It did fairly well until the affairs of the President became involved and an arrangement was made with his bankers. Then it was felt that the company's prospects of obtaining financial assistance from the banks were considerably curtailed and, as a consequence, it was deemed better to lay the whole matter before the creditors at once.

The sympathy of the trade is freely extended to the company on all sides. But the severe competition of Quebec houses in recent years has cut down the margin of profit in the boot and shoe trade so extensively that even energetic, economical and up-to-date management—that is, not always with sufficient capital—was unable to make the business a profitable one.

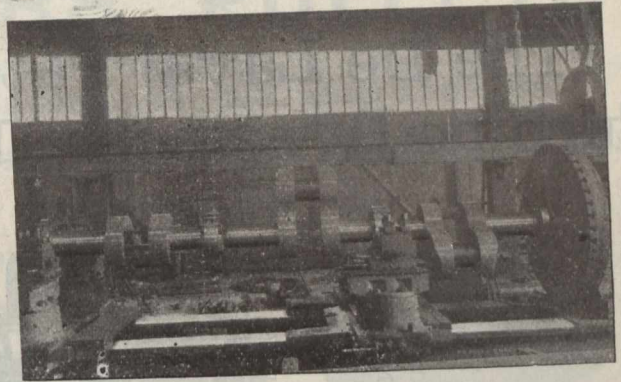
PIG IRON PRODUCTION.

Complete statistics of the production of all kinds of pig iron in the United States during the first half of 1901, as well as of the stocks on hand and for sale on 30th June

Single Plated Built Rudder

**FINISHED COMPLETE
READY FOR SHIPPING**

Manufactured in 8 Days
....By....



THE

Fownes Forge & Engineering Company, LIMITED.

ST. BEDE WORKS, TYNE DOCK,

South Shields, Eng.

last, have been received by the American Iron and Steel Association.

The total pig iron produced during the past six months reached 7,674,613 gross tons, as against 7,642,569 tons in the first half of 1900 and 6,146,673 tons in the second half. Indications now point to a decreased production in the second half of 1901 as compared with the first half. The production in the first half of 1899, the boom year, was 6,289,167 tons, and in the second half it was 7,331,536 tons.

The production of Bessemer pig iron in the first half of 1901 was 4,582,187 gross tons, against 4,461,391 tons in the first half of 1900 and 3,482,061 tons in the second half.

The production of basic pig iron in the first half of 1901 was 645,105 gross tons, against 581,868 tons in the first half of 1900 and 490,508 tons in the second half.

The production of charcoal pig iron in the first half of 1901 was 194,231 gross tons, against 167,728 tons in the second half. In addition there were produced in the South in the first six months of this year 17,979 tons of pig iron with mixed charcoal and coke.

The production of spiegeleisen and ferro-manganese in the first half of 1901 was 135,920 gross tons, all made in New Jersey, Pennsylvania, Alabama, Illinois, and Colorado, against 148,102 tons in the first half 1900 and 107,875 tons in the second half.

The stocks of pig iron which were unsold in the hands of manufacturers or their agents on June 30, 1901, amounted to 374,129 tons, against 442,370 tons on December 31, 1900, and 338,053 tons on June 30, 1900.

The whole number of furnaces in blast on June 30, 1901, was 259, against 232 on December 31, 1900, and 283 on June 30, 1900.

MEDICINAL FLOWERS.

The first crop of German chamomiles of this season is satisfactory as regard quantities which have come into primary markets, but the quality of the yield is not so satisfactory, the tops being smaller than usual, and containing a large amount of dust. The second crop flowers are gathered during the last half of August, and it is impossible to make an accurate forecast of the probable yield at this time, as the outcome depends entirely upon the weather. During the first few weeks of the Hungarian crop, the prospect for a good yield was not particularly favorable. The outlook has changed now, however, and a very large crop is being gathered. For medium quality Hungarian flowers prices in primary markets are very low, while for prime goods prices are well maintained. Regarding arnica flowers, the expectation of a lower

range of prices with the coming of the new crop was not realized, and the markets abroad are very strong. Reports from primary sources give unsatisfactory news regarding the size of the new yield of all varieties of arnica flowers, owing to unfavorable weather conditions.

FOREIGN DRESS GOODS.

Buyers who have just returned from European dress goods centres say that in England, Germany and France during the last few weeks there has been an increased business and manufacturers feel more confident in the future. The opinion generally prevails that prices have gone as low as they will go and that any change whatsoever will be in an upward direction. There is less disposition to give way in the matter of price on the other side, and some are reported to be asking advances on re-orders and this has been reflected in local conditions. Sellers are firmly of the opinion that an effort to obtain business by lowering prices will not be successful, and so in the majority of instances old figures are maintained with considerable firmness. Even those who are anxious to realize on their stocks are not offering much of a reduction in order to move their goods. Considerable business has already been done by the larger American houses in dress goods for next spring's season. Samples are being received, and in a few weeks at the latest heads of foreign dress goods departments will be equipped for the coming season's campaign. The demand for very light-weight fabrics on the Continent has been more noticeable this summer and is expected to be taken up again for the coming spring season. The fabrics in large demand have been crepes, batistes and nun's veiling. For fall the opinion of the more conservative members of the trade and of the leaders of fashion on the other side is that lace will be largely used on plain fabrics such as cashmeres, venetians and broadcloths. Embellishments of some character will be an important feature of the better gowns. Mohair is reported to be steadily increasing in favour, and is very favorably considered for next spring.

DAIRY PRODUCE.

—A private London circular, date 19th instant, treating of the dairy interests says: Butter.—The droughty conditions of the weather that prevail in the United Kingdom are intensified day by day, and the damage done to the pastures by a single day's heat such as has been experienced this week cannot be undone by several days' con-

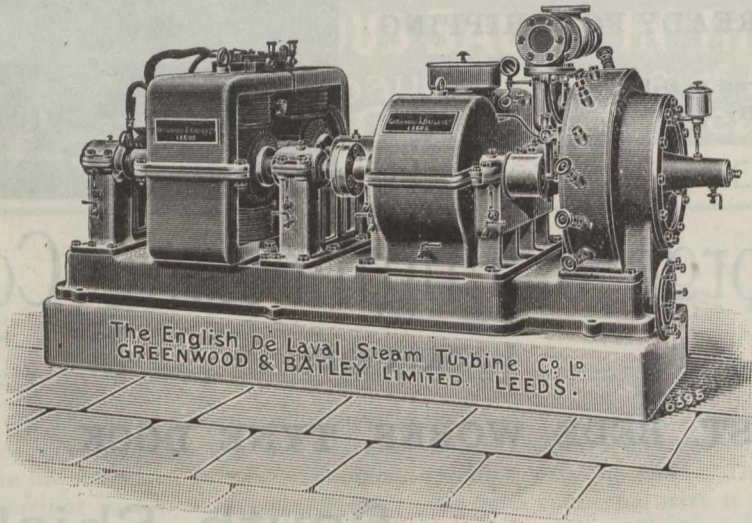
Machines in use, 2402

HP. 71,786.

Made from 1½ to 300 HP.

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

Agents for Australasia:
JAMES BARTRAM & SON, Melbourne.



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

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

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

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

SOLE SELLING AGENTS:

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

To whom all Communications should be Addressed.

tinuous rain, for the time of year is past when rain can make up for losses incurred. Those buyers of butter who a short time since were unable to realize the serious situation are now beginning to understand that there cannot be cheap butter next winter. The heat in Canada and America is affecting the pastures, and it looks as if the Canadian autumn would be as bad as the spring was good. Even in Russia the weather is against the producers.—There has been a rise in Canadian creameries to almost the week before last's figures, and, as Danish and Irish do not advance, it is difficult for importers to sell Canadians except at a loss of a few shillings. Those buyers who are handling Canadian "Fancy" creameries are more than pleased with them. There is a very great richness of flavour in the quality of the best brands that is not found even in Danish. Prices remain at about 95s to 100s on the spot for choicest, and c.i.f. values are much the same. Finest brings 95s to 96s. The shipments from Montreal since the first of May to July 6th are 92,209 packages against 55,451 last year.—The Danish Official Quotation remains unchanged at 88 kroner where it has stood since April 25th, and thus has remained unaltered 13 weeks, which beats last year's record by two weeks. The markets in the North of England for Danish are dull and prices weaker owing to the severe competition from the choicest quality of Russian, Irish and Canadian butter. The difficulty of selling the lower quality of Russian is causing much of it to go into cold store, and the shortage of cold storage room in London is causing importers to sell at great sacrifices, and they are in consequence reducing their advances against future shipments. As a large quantity of Russian is arriving in soft condition, it will require watching when it comes out of cold storage later on.—Cheese.—The c.i.f. market in Canadian remains very firm, and c.i.f. prices are actually higher than spot figures. Demand on this side is slow as buyers are waiting events, they have not yet made up their minds as

to what the prospects are regarding prices in the autumn. Stocks are accumulating in Canada, but not to a serious extent. The make of English is rapidly falling off, and unless a change in the weather shortly takes place the years' make will be far below the average. Present prices of Canadian cheese are: Choicest, 47s to 48s; finest, 44s to 46s. Same week last year choicest fetched 51s to 52s and finest, 49s to 50s.

RECENT FIRES.

Grand Forks, B.C., July 25.—Spraggett's saw mill, at Smelter Lake, totally destroyed. Nearly a million feet of lumber also burned. About \$4,000 worth of lumber owned by the Granby Smelter was also destroyed. Total loss about \$30,000, partially insured. Origin unknown; Mr. Spraggett will rebuild.—Kingston, Ont., 25.—Edward Miller's barns, at Millhaven, burned; also stables and a new binder and threshing machine. Loss heavy, as property was only partially insured. Supposed incendiary.—Glace Bay, N.S., 25.—The following buildings were destroyed: P. W. A. building, occupied by Gunn & Holley and the P.W.A.; John Carmichael's house, occupied by Mr. Hardigan and family; store owned by John McNeil. Daniel Gillis' building, occupied by McIsaac & Cassidy, was badly gutted.—A thousand square miles of pine forest are said to have been burned over in the recent fires in the Temiscamingue and Kippewa districts, although reports are conflicting. The money loss is placed at from \$500,000 to \$750,000, and while this loss will be felt at once, the future loss will also be great. The young pine which were destroyed would have been commercially valuable in a few years, but it will be many years before the new growth can replace them. Much of the old pine trees damaged by fire can be cut in a short time and made ready for market. The principal losers are the

'RODGERS' PULLEYS'

(REGISTERED.)

WROUGHT IRON THROUGHOUT:—RIM, ARMS AND BOSS.

THE ONLY PULLEY MADE WITH A WROUGHT IRON BOSS.

Split or Solid.

All Sizes up to 24 feet Diameter.

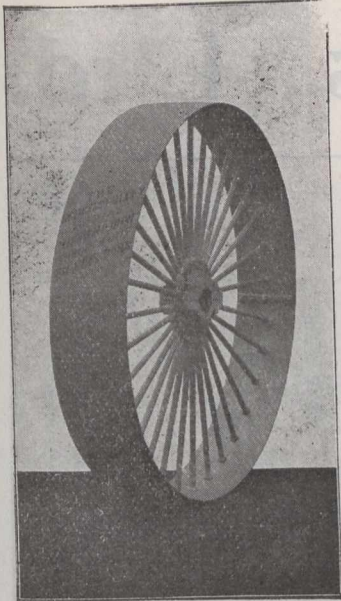
140,000 in use.

THE BEST PULLEY IN THE WORLD.

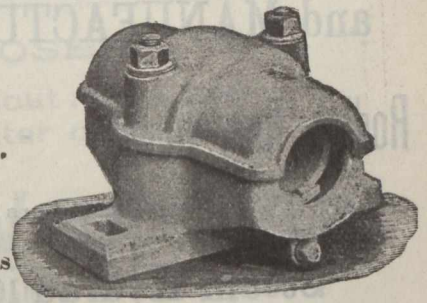
Pamphlets, Drawings and Prices
Forwarded on application.The "NON-DRIP" Shaft Bearing. (ETCHELL'S
PATENT.)

Self Swivelling. Self Lubricating. No Drip Cups Required.

SOLE MAKERS:

HUDSWELL, CLARKE & CO., Ltd.,**RAILWAY FOUNDRY.**(Telegraphic Address:
"LOCO," Leeds.)**LEEDS, ENGLAND.**

SEND FOR PRICES.



Shepard and Morse Company, J. R. Booth, Alex. Lumsden, the Hull Lumber Company, Gillies Bros., and McLachlan Bros., of Annprior.—Laprairie, Que., 26.—The lower part of Laprairie was visited by a serious conflagration. About 50 families are homeless. Amongst the principal buildings burned are the convent, Beauvais' dry goods store. Beauvais' agricultural implement factory and dwelling, Lefevre's jewellery store and dwelling, Bourassa & Potvin's and 26 private dwellings. Total loss about \$80,000; insurance about \$30,000.—Pointe aux Trembles, Que., 26.—The Magnan cheese factory destroyed, with contents.—Halifax, N.S., 29.—Forest fires are doing heavy damage between Ingraham River and Indian River. Over 1,000 acres have been swept.

Hamilton, Ont., July 28.—The W. A. Freeman Company's bleaching and rendering works, suffered damage to building \$800, and on the machinery and stock about \$4,000. Origin of fire unknown. Loss is partially covered by insurance.—Port Colborne, 28.—Spontaneous combustion of hay caused a fire on Jefferson Steel's farm. All the wheat, vegetables, farm implements and barns were completely destroyed.—Laprairie, Que., 28.—Most of the heaviest losers in the recent fire had some insurance. The following is a partial list of the losses:—The congregation of Notre Dame, \$20,000; insurance, \$8,500; Henry Bouvais, loss, \$2,000, insurance, \$500; Ludger Beauvais, loss, \$2,000, insurance, \$2,000; Henry Bouvais, on another house, loss, \$1,000, insurance, \$500; Mrs. Aubry, loss, \$1,000, partly insured; Geo. Simard, store, loss, \$2,000, partly insured; Jos. Bourdon, two houses, loss, \$1,300, partly insured; Dr. Dorion, loss, \$1,800, insurance, \$1,000; Mr. McGee, loss, \$2,000, partly insured.—Windsor Mills, Que., 29.—The new St. Francis mill, the largest of the Canada Paper Company's mills, entirely destroyed. Caused supposed to be combustion. Loss about \$125,000, well insured. The mill will be rebuilt immediately.—Belleville, Ont., 29.—R. Elliott's barn, near Foxboro', struck by lightning and destroyed.—Kingston, Ont., 30.—Barns of Geo. McCready, Wolfe Island, burned by lightning.—Brougham, Ont., 29.—Barn and contents, belonging to N. L. Stevenson, burned by lightning.—Barrie, Ont., 30.—Barns and crops of Wm. Williams, Vespra Township, burned. Loss heavy; insurance, \$1,000.

—A new business venture which, is stated, a leading Montreal railway magnate has been giving attention to lately, is a system of submarine signalling. A company has been organized at Waterville, Me., the president of which is Mr. Henry M. Whitney. The mechanism of this

new signalling system is ingenious, and it is said a navigator, passing along the coast, or entering harbor, can readily tell, even in a fog, the exact location of his ship. Should the invention prove to be practicable, it is the intention to have it installed on the St. Lawrence route.

—Eastern Townships Notes.—The Granby, Que., enamel works have been started again, and are running full blast. A strong company has been formed to operate them.—Coaticook's new assessment roll shows a total valuation of \$946,925.—The annual picnic of the Montreal Retail Merchants' Association is to be held at Waterloo on the 7th August.—Owl's Head mountain is to be prospected for iron ore. Tradition intimates that there is a lead mine thereabout.

Kingston, Ont., Notes.—The capital has all been secured for the electric road from Tenton to Cornwall and to Ottawa, and it will go ahead if the necessary charter can be obtained from the Ontario Government.—Ferguson Bros., cordage manufacturers, have purchased a mica mine, located in the Township of Bedford. They expect to start operations immediately having engaged a number of men and purchased their outfit. The mine is practically a new one, only two tons of mica having been taken out so far. The mica is known as the silver amber kind, and is very valuable.

Peterboro', Ont., Notes.—The Town Council is submitting a by-law to the property owners in connection with granting a \$4,500 site to the Canadian Cordage & Manufacturing Company, which is desirous of establishing its factory in Peterboro' and guarantees to expend \$60,000 in buildings and machinery and to employ seventy-five hands. The company is capitalized at \$400,000, and the voting takes place on August 13.—A number of Peterboro' manufacturers have united in leasing dam No. 5 in the Trent Valley Canal for the purpose of generating electric power for their several establishments. The Town Council is offered the surplus power at \$15 per horse power per year for a day of twelve hours.

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

Joseph Booth & Bros., L'td.,

ENGINEERS

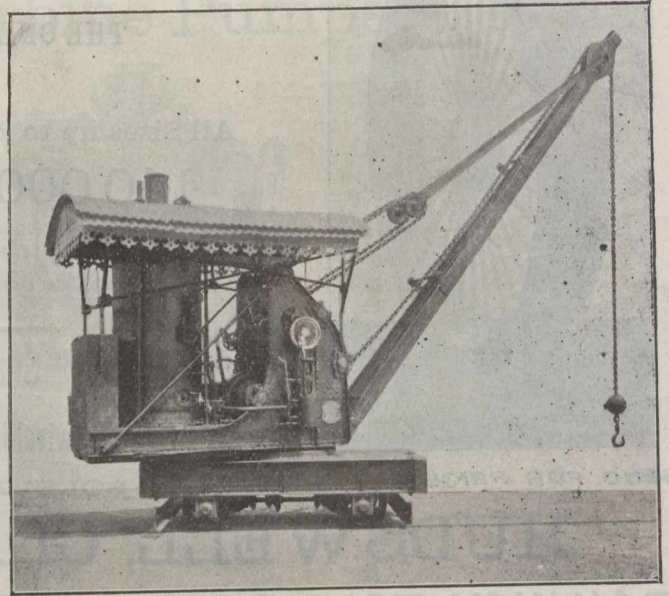
and MANUFACTURERS,

Rodley, Near Leeds, - - - England

Manufacturers of

Steam Hydraulic Cranes
and Lifting Machinery,

Under the New Canadian Tariff.



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.

Brampton—Peaker & Son vs W. A. McCulla, \$442; East Toronto—G. White vs Sarah Linton, et al, \$511; Elmsley Tp.—Ellen S. McCallum vs Jas. Story, \$1,989; Hamilton—J. H. Birkett vs Andrew Onderdonk, \$531; Ingersoll—W. Swazie vs G. B. Alderson, \$1,494; Minden—J. H. Thompson vs R. J. and J. Thompson, \$983; St. Joseph—N. E. Picotte vs N. M. Cantin, \$584; Gloucester Tp.—Ottawa Dairy Co. vs Jas. Sorley, \$1,022; Hamilton—H. Carscallen et al vs R. J. Larkin et al, \$1,641; Hay Tp.—J. A. Paquet vs N. M. Cantin, \$924; Kemptville—W. R. Boss et al vs Annie and G. H. O'Neil, \$570; Manitowaning—M. Eichern vs Hanna Sharp, \$1,072; Mattawa—J. Cuzner et al vs T. B. Earl, \$742; Ottawa—L. R. Gauthier vs Adolphe Larose et al, \$1,227; E. Gagnon vs Alphonse Paquette et al, \$415; Sarnia—E. T. Wright & Co., vs Wm. Folland et al, \$481; Toronto—A. Moore vs Seymour Motor Co., Ltd., \$1,758.

JUDGMENTS RENDERED—ONTARIO.

Bridgesburg—E. T. Wright & Co. agt E. W. Doane, \$468; Nepean Tp.—W. Archibald agt Mary L. and S. Johnston, \$609; Ottawa—Capital Planing Mill Co. agt R. S. Crain, \$420.

JUDGMENTS RENDERED—QUEBEC.

Montreal—C. W. B. French et al agt C. A. Bell, \$1,097;

ESTABLISHED 1827.

H. HENDERSON & SONS,

Tanners and Curriers.

Makers of Leather Belting and Fire Hose.

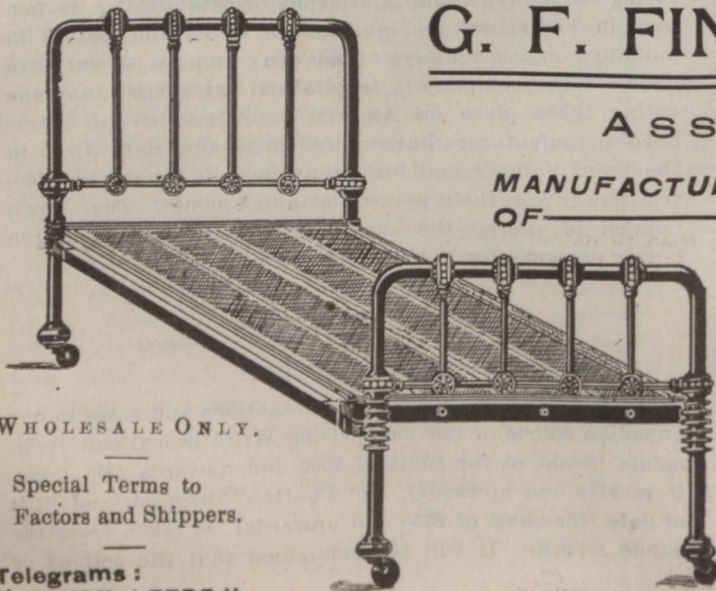
LADYBANK LEATHER WORKS, AND
DUDHOPE & PLEASANCE TANYARDS, DUNDEE, Scotland.

—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 ½" to 1½" thick.

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

Pte. Claire—N. Rheume agt Dme. Melina David et vir, \$2,189; St. Laurent—H. F. E. Gilman agt John Hislop, \$2,200; Plessisville—Frontenac Milling Co. agt Esdras Paradis, \$464; St. Clement, Temiscouata—Founderie de Plessisville



WHOLESALE ONLY.

Special Terms to
Factors and Shippers.

Telegrams :
"WOVEN; LEEDS."

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

Assembly Works,

MANUFACTURER
OF

BEDSTEADS.

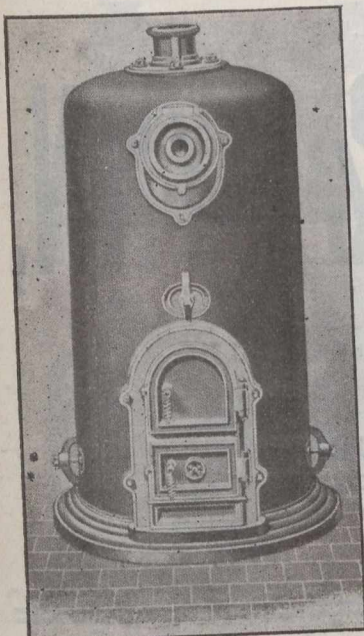
Folders, Chair-Bedsteads, Wire Spring Mattresses,
and Coppered Diamond Spring Mattresses.

WIRE MESHES FOR MATTRESS MAKERS.

Angle Irons and Dovetails for Wood Bedsteads.

Special terms to Canadians under the New Preferential Tariff.

Telegrams:—"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.

agt H. Caron et al, \$430; St. Clothilde—E. Lachance agt J. Regis, \$540.

JUDGMENTS RENDERED—MANITOBA & N.W.T.

Winnipeg—H. W. Gerhardt and W. T. Reid, \$1,638; Ros- thern—Boese & Unruh, \$4,175.

JUDGMENTS RENDERED—NOVA SCOTIA.

Halifax—T. S. Lownds, \$884; Weymouth—Chas. Burrill, \$2,657 and \$1,041.

EXECUTIONS—QUEBEC.

Montreal—Montreal Loan & Mortgage Co. agt De. M. McVey et al, \$4,248; Western Loan & Trust Co. agt A. M. C. Medicine Co., \$13,160; Western Loan & Trust Co. agt W. L. Hogg, \$23,166; Montreal Loan & Mortgage Co. agt Dmè. Mary McVey, et al., \$4,254; Granite Creek, B.C.—Western Loan & Trust Co. agt Robt. Stevenson, \$6,420.

CHATTEL MORTGAGES—ONTARIO.

Durham—Eliza M. and J. A. Darling to W. S. B. Bark- well & Co., \$809; Hamilton—D. H. Long to Grant Spring Brewery Co., \$1,126; Ridgertown—Alex. Leitch & Son to T. Craig, \$2,000; Toronto—Wm. Sprinks to O'Keefe Brew- ery Co., \$1,927; Toronto Junction—Esther and Robert Hun-

ter to W. E. Hall, \$1,463; Caldwell Tp.—C. A. M. Paradis to R. H. Klock & Co., \$3,859; East Toronto—Andrew Warfe to M. Broderick, \$2,360; Gash Point—Gash Point Lumber Co., Ltd., to A. G. Seaman, \$3,230; Ridgertown—H. W. Porter to G. Lario, \$2,500; St. Thomas—Miss Elizth. Spencer to E. A. Smith, \$1,000; Sturgeon Falls—A. Bridgeman to G. P. Cockburn, \$800; Toronto—Johnson & Brown to M. E. Len- nox, \$2,400; Robt. McIntyre to G. A. Larkin, \$1,300.

CHATTEL MORTGAGES—MANITOBA & N.W.T.

Medicine Hat—W. & J. Rutherford, \$3,000.

BILLS OF SALE—ONTARIO.

Almonte—A. W. Fumerton to A. Naismith, \$2,063; To- ronto—A. G. Gowanlock to Gowanlock Printing & Pub. Co., \$5,000; Midland—Turner Lumber Co., to Skillings, Whitney & Barnes Co., \$17,000; Toronto—J. S. King to A. L. Smyth, \$1,000.

BILLS OF SALE—NEWFOUNDLAND.

Doakton—W. C. Cummings, \$1,528.

BILLS OF SALE—MANITOBA & N.W.T.

Medicine Hat—Wm. Smihert, \$5,000.

FINANCIAL.

Montreal, Thursday, Noon,
1st August, 1901.

Should the harvest be safely gather- ed throughout Canada the proceeds will very largely exceed any on rec- ord. What will put money in the farmers' pockets will take some out of other purses. The crops of fruit, roots and vegetable over a wide area in the States are so poor as to have sent up prices in some Western cities to double what they were last year. Hotels and boarding houses are feel- ing this extra expense and prices have been raised in Chicago, Cincinnati, St. Louis, and other places. Canada will have to lose and gain by this scar- city. The ordinary housekeeper's bills will be heavier next year for the table, and farmers will get more for their produce. There is a probability of canned fruits and vegetables being dearer, so the drought will cause an enormous displacement of money, by which on the whole, Canada will come out a considerable gainer. The enor- mous wheat crop in Manitoba and the Territories will greatly strength- en the movement to increase rail- way accommodation in the North- West, and provide the people with the means to pay for it. At the same

time the C.P.R. is in for heavy re- ceipts from grain freights. The banks will have a strain upon their resources in handling the harvest business but our elastic currency will be quite equal to the occasion with- out any necessary restriction being put on ordinary business. We say, "necessary restriction," because there has been and may again be an ad- vance in discount rates in the Fall on the pretext, that money is scarce, when the scarcity is not very evident, as the expansion of circulation is pro- portionate to the extra demand for money after harvest. It would seem more in consonance with the avowed object of the banking system to with- draw money from the stock market when trade requirements are increas- ing the demand, than to impose heav- ier rates on mercantile transactions in order to avoid putting a restraint upon a class of business which is no service to the country, and certainly less profitable to bankers than the business of a strictly commercial na- ture. Statements are being made as to the money lost by the great strike in the iron and steel trade. Such figures are wholly imaginary. It is one thing to actually lose money and quite another not to get what was ex-

pected, which is not an actual loss of money but only of what was hoped for. The Carnegie-Morgan combine could not haul down their flag to strikers without a disastrous loss of prestige and with it of power in the future. For them the struggle was a fight for

El Padre Needles

10 cents.

VARSAITY,

5 cents.

The Best

CIGARS

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

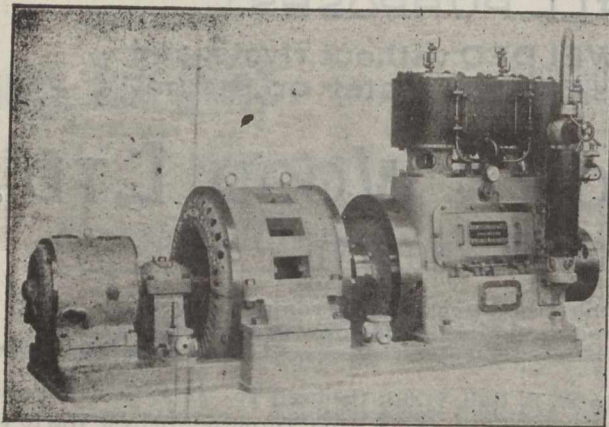
Made and Guaranteed by

S. DAVIS & SONS,

MONTREAL, Que.

Telegrams: "MAGNETO," Bradford.

ROSLING, APPLEBY & FYNN,



LIMITED.

TRAFALGAR WORKS.

Bradford,
Yorkshire, England.

life, the issue was: Who shall control our capital, the owners, or an outside society? The local stock market has had a dull week so far, C.P.R. having nearly monopolized attention. Sales have been ranging from 107½ to 108⅞, with a tendency to-day towards a slight relapse. Heavy receipts are expected from wheat freights and other products of the North-West. Toronto St. has been selling at 109½. That company will have unusually heavy traffic in the Exhibition week, and later when the Royal visitors are there. Dominion Steel preferred has sold at 81, and bonds at 83½. A few bank shares have changed hands, Toronto at 245 and 246; Montreal, 254; Merchants, 150¼; Commerce, 155; Standard, 230; Imperial, 232; Ontario, 125. Halifax Tram Co. having secured the contract for lighting the city for another 5 years, has made the stock firmer. Consols, 93½. Berlin, exchange on London, 20m. 43¼pf. Paris, 25f. 19½c. Local foreign exchange, 60s, 9¼ to 9⅝; demand, 9¼ to 9⅞. Money in New York, 4½ to 5 for gilt-edged paper, 2½ to 4 for call money. Here money rates remain as for some time past.

The following is a comparative table of stocks for week ending Aug. 1st, supplied by Chas. Meredith & Co., Stock brokers, Montreal:—

Banks.	Shares sold.	Highst.	Lowst.	Average same date 1900.
Montreal	29	254	254	.....
Molson's	131	206	206	.....
Toronto	11	248	245	.....
Merchants	122	152½	150½	.....
Ottawa	10	203	203	.....
Miscellaneous.				
Can. Pac. Ry .10670	108⅝	105½	81½	
Montreal St.	505	292	291	240½
Do. new	155	291	288½	240
Toronto St.	300	109¾	109	96
Twin City	650	95	93	60
Mont. Power x d	487	94½	93	.....
Rich. & Ont. Nav.	26	118¼	117	99
Bell Telephone	53	175½	172½	171½

Montreal Cotton.	50	130	130	134
Dom. Cotton	50	73	73	85
Can. Col. Cotton.	10	64	64	78
Dom. Coal, com	400	40½	38¾	.....
Do. pref.	61	115½	114	110
Dom. I. & S. com.	275	30	29	.....
Do. pref.	365	83	81	.....
Nat. Salt, com x d	25	42¼	42¼	.....
Dom. Coal, bds.	500	110½	110½	.....
Dom. I. & S. bds.	8000	83½	83½	.....

BRAZILIAN EXCHANGE.

For week ending July 30, 1901.

July 24..	9	15-16d
25..	9	23-32d
26..	10	1-16d
27..	10	11-16d
29..	10	9-16d
30..	10	½d

MONTREAL WHOLESALE MARKETS.

Thursday, Aug. 1st, 1901.

Midsummer conditions rule and the general movement is, accordingly, slow, and limited. Some lines of hardware have advanced further owing to the strike. Dry goods prospects are splendid. Fine wool goods have advanced abroad equal to 10 per cent. on certain lines. Groceries are quiet. Dairy products continue to meet with favor in the English markets and liberal shipments are being made. Harvest prospects are very encouraging. Wheat cutting has begun in Manitoba where the yield is expected to be magnificent.

BUTTER.—The week has developed little change in this article. Trade both locally and on export account has been well kept up; the tone of the market for the latter being well sustained under impressions that have been gaining ground of late in the English markets that butter will be scarcer and consequently dearer on account of dry weather. Canadian

creamery is taking a good hold on the English market; its quality now being classed as better than the choicest Danish. This is an enviable record, and will place Canadian products in general on a much higher level than heretofore. Choicest creamery locally, is selling well at 20¼c to 20¾c, and secondary quality at 19½c to 20c. Dairies are in good request at 15c to 19½c, as to quality. Following are exports of butter from ports of Montreal and Portland for week ending July 27th:

	Local.	Thro'.	Total.
To Liverpool—			
Tunisian	1,321	793	2,114
To Manchester			
Manchester Trader.	740	145	885
To Glasgow—			
Kastalia	400	806	1,206
To London—			
Brazilian	2,751	210	2,961
Cervona	2,561	973	3,534
To Bristol—			
Montcalm	11,805	876	12,681
Total	19,578	3,803	23,381
Corresponding week last year	6,031	846	6,877
Tl. shipments since			
May 1, 1901	121,948	18,262	140,210
Corr. period, 1900.	62,602	11,301	73,903
SHIPMENTS VIA PORTLAND.			
To Liverpool—			
Roman	2,007	.....	.....
Total	2,007	.....	.....
Since May 1, 1901	72,142	44	.....

CEMENTS, ETC.—Trade is confined to small dealings, with no change in prices. Arrivals for week ending July 31st were: Belgian and German cement, 8,800; English cement, 250 brls.; fire bricks, 55,900.

DRY GOODS.—This is the midsummer season in dry goods and trade in retail circles is quiet owing to the absence from town of a large section of the buying public. No improvement in this line can be expected until their return, and the opening of the schools in September. Still July's trade compares favorably with that of the corresponding month of last year. Orders are now being placed for early autumn lines and faith in the near future is evident. The ex-

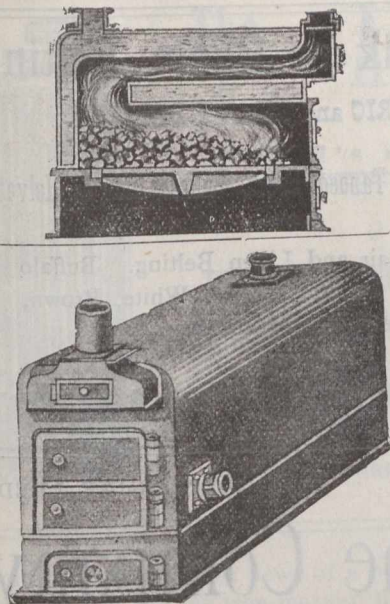
BINNS & SPEIGHT, Limited.

WROUGHT IRON WELDED HEATING BOILERS

TELEGRAMS:
"Welding."

BRADFORD, ENG.

Special prices to Canadians under the new Canadian Tariff.



cellent crop news from Manitoba has helped the Western demand, but wholesalers are cautious lest they should overdo it. Money is slow, as is usual just before the 4th, but wholesalers make no complaints on this score. In the United States the week opened with improved indications in some quarters, although the market as a whole continues quiet. The business in the aggregate has gained somewhat upon the recent experiences, but there is still an absence of spirit seen in the operations of a majority of buyers. Some bids have been put forward on both home and export account for fair quantities, but their only result has been to show that sellers are not disposed to make concessions to meet the would-be buyers. In all departments of the cotton goods market prices continue steady, the limited stocks on hand enabling sellers to maintain a more or less indifferent attitude. The expectations of a material development in buying before long also support sellers, a gradually increasing business being looked for after the first week in August.

CHEESE.—After a week of persistency in holding values the market to-day is inclined to be easier although dealers have not changed quotations. Country trade has shown the same inclination which, it is expected, will result in a slight decline. Meantime shipments are going forward steadily. Choicest Western are quoted at 9½c to 10c and Eastern at 9½c to 9¾c. Exports of cheese from the ports of Montreal and Portland, for Europe, for the week ending July 27, 1901:—

	Local.	Thro'.	Total.
To Liverpool—			
Tunisian	18,724	1,403	20,127
Lake Superior	5,450	2,716	8,166
To Manchester—			
Manchester Trader.	2,113	843	2,956
To Glasgow—			
Kastalia	1,078	145	1,223
Scilian	1,263	728	1,991
To London—			
Brazilian	11,243	2,407	13,650
Cervona	20,371	3,179	23,550
To Cardiff—			
Lord Charlemont ..	2,026	....	2,026
To Bristol—			
Montealm	15,675	1,337	17,012
Total	77,943	12,768	90,711

Corresponding week	71,334	10,466	81,800
last year			
Tl. shipments since			
May 1, 1901.....	519,476	83,805	603,281
Corr. period 1900..	640,495	236,359	876,854

FLOUR AND FEED.—A good demand exists, in all lines, flour being in active request at quotations. The reported shortage in foreign countries has helped sustain prices here although wheat, meantime, has declined about 3c getting back to the figures of a few weeks ago. There is a decided shortage of feed and, as a result, millers have advanced both bran, shorts and moullie \$1 per ton. The call for harvest hands in the West has not been productive of much enthusiasm although wages, of \$2.50 per day, guaranteed for three months, including board, is being offered. Quotations on another page.

GREEN FRUITS, ETC.—The excessive heat during July cut largely into the available lemon stocks throughout the continent, and this is being seen now in the unusually high prices at which they are held. Oranges are also much higher, the extreme heat telling on their keeping qualities. Raspberries are about over. Watermelons are more plentiful, but sales are not free. Western Ontario peaches are on the market at prices well within reach. Canadian apples are arriving in baskets and meet ready sale. Quotations are: California apples, bxs, \$2.75 to \$3.00; Canadian apples, 40c to 50c basket; Messina oranges, boxes, \$4 to \$5; Cal. late Val.s., \$7.00 to \$7.50; lemons, 300s, \$4.00 to \$5.00; bananas, 8-hands, \$1.50 to \$1.75; No. 1, \$1.75 to \$2.25; extras, \$2.00 to \$2.25; pineapples, each, 10c to 20c; new figs, mats, 3½c per lb.; do. boxes, 8c to 12c per lb.; new dates, 4c per lb.; nuts, Pecans, extra large, 14c; do. large, 12½c; walnuts, 12c; filberts, 12c; French chestnuts, 10c per lb.; cocoanuts, \$3.25; California plums, \$1.75 to \$2.50 per box; do. peaches, \$1.15 to \$1.25 box; do. pears, Bartletts, \$2.50 to \$2.75 box; onions, \$3 per crate; Egyptian onions, 2c lb.; Canadian, brls., \$2.50; gooseberries, 40c to 50c basket; raspberries, 9c to 10c box; red currants,

5c per box; do. 12-qt. basket, 40c to 45c; red cherries, \$1.25 basket; do. black, \$1.25 to \$1.40; Can. peaches, 40c to 60c per basket.

GREEN HIDES, ETC.—An advance in lambskins and clips is the only notable feature of an otherwise dull market. These are now 25c. Beef hides, No. 1, 7½c, others in proportion. Cattle are dear all through the country, and difficult to secure. New York reports dull business owing to difficulty between buyers and holders as to values. Chicago reported fair business with market devoid of special features.

GROCERIES.—Sugars are working through the active season at the low level introduced some weeks ago. Granulated is in good request at \$4.50, retailers being able to offer the leaders price of 5c without seeing direct loss. Trade in general groceries is, as usual in midsummer, quiet, and consequently but little change is observable in prices of those staples, which, at other seasons, keep those interested alert. New cargoes of molasses continue to arrive in port, and of this commodity there is a good distribution at 28c to 29c per gallon for pure Barbadoes. A leading package coffee firm in New York, which have for many years assisted their envious bank account by roasting a fair grade of rio coffee, that sort which is assisted both in appearance and weight by a coating of eggs, melted sugar, etc., and selling it broadcast under a certain name, have at length struck a boulder in the Pure Food Association which body has prevented further sale of this preparation in one or more of the States. It remains to be seen whether this decision will be upheld generally. The late heavy rains have washed away the rumours that canned tomatoes, peas, beans, corn, etc., would be seriously affected. Happily, this is over and plenty of stock is now expected. In the United States markets, however, tomatoes are climbing up in price at a rate which will be pleasing only to

ESTABLISHED 1857.

John Oldfield & Co.,THE CITY TANNERY
LEATHER WORKS,

BRADFORD, - - - England.

OAK TANNED LEATHER BELTING

Single and Double.

(Cut will be inserted next week.)

Leather-Link or Chain Belting.For **ELECTRIC** and **HEAVY DRIVING**.

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

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

Special rates to Canadians under the New Tariff.

those shrewd buyers who bought largely ahead. Regarding currants, the English markets continue to report a fair consumptive demand. The new crop is apparently going on well, and an outturn of about 135,000 to 140,000 tons is expected. The cutting of the fruit is just about commencing, and it is to be hoped that no rains will occur while the fruit on the ground, thus insuring a crop of fine quality. Three steamers are already mentioned as being due in Patras to load about August 20. The Retention is not definitely decided until the 19th prox., but advices indicate that 15 per cent. is likely to be settled upon. This will leave as available for export about 115,000 to 120,000 tons. Little interest seems to have been manifested in new fruit as yet. San Francisco advices state that what is said to be the biggest run of chinook salmon since 1880 has entered the Columbia River and canners and the cold storage men are getting all the fish, they can handle. The pack up to a week ago was short, but indications are now that it will exceed that of last year. The present unprecedented run gives promise of holding on until the end of the season.

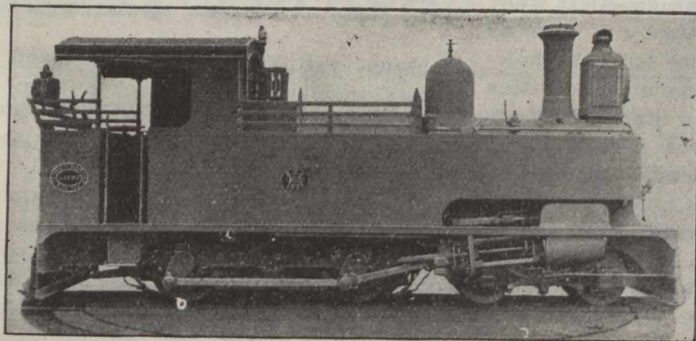
IRON & HARDWARE.—Trade has been unusually brisk in all lines of hardware during the past week, and all

price changes are in an upward direction. Reference to our price list will show that all grades of Canada plates have been marked up 10 cents per box for ordinaries. Black iron pipe is marked up for all sizes over one inch, and black sheet iron, has risen from 10 cents to 20 cents per 100 lbs., owing to higher cables from Britain where American buyers are picking up every thing they can find. It is evident

from this that the trade do not coincide with the newspaper predictions that the strike is on the point of settlement. The feeling in business circles is that the end is not yet in sight. This has caused a firmer feeling in all other kindred lines and retailers are laying in requirements before further advances are noted. Remittances are good and the trade seem well satisfied with the outlook.

THE

Telegrams: "ENGINE, LEEDS."

Hunslet Engine Company,**LEEDS, Eng.****Locomotive Tank Engines**

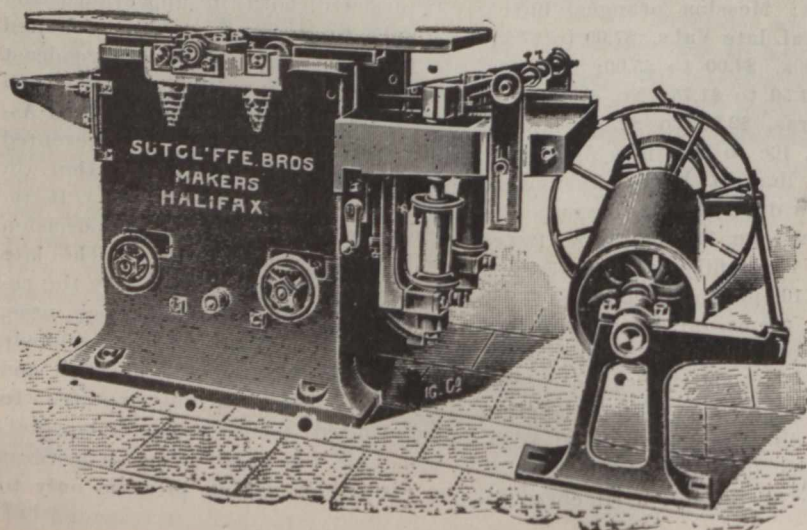
of all descriptions and any size, for

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

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

Arrangements Made for Hire. On Purchasing Lease or otherwise.

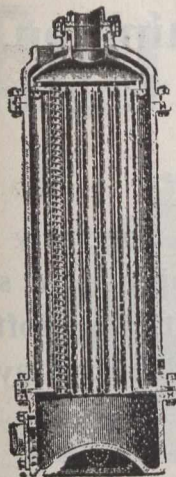
Special prices to Canadians under the New Canadian Tariff.

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

Special prices to Canadians under the new Tariff.



The "Airedale" Exhaust Steam Pressure Feed Water Heater.

Special prices to Canadians under the New Tariff. . .

Green's Patent.

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 Crosshills,
Foundry KEIGHLEY, England.

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

From the States comes news of a better feeling in the pig iron market, but apart from this there was nothing new in the situation. Pittsburg mail advices to the New York Metal Exchange reported a firm iron market. The shutdown of the mills has not affected the situation there to any extent, but if the strike should last three or four months the writer thought it would mean that some blast furnaces and two or three steel plants would have to shut down. The letter further says: "Newspaper reports claim that the United States Steel Corporation bought 40,000 tons of Bessemer iron for August shipment. This is an exaggeration, as the facts are that the steel combine has bought possibly 20,000 tons, mostly for August shipment and to fill in at the different works that are short of metal. The price of this iron was \$15.25 at the valley furnace. Part of it is said to have been basic iron, the price of which was \$14.75 to \$15.00 at furnace. For the first time in nine months the official quotations on American copper have been changed. The new figures being 16½ to 17 cents for Lake Superior and 16.37½ to 16.62½ cents for casting. The reasons for the decline are to be found in the decreasing European demand and the offering of stock in American mar-

kets that was bought on the other side to sustain prices there, as previously stated in these reports. The home consumption is claimed still to be on a very heavy scale, though at present very little new business has been reported.

In binder twine Winnipeg advices say that most local dealers have sold all their available stocks and consequently there is very little business passing. The market holds firm at 9c for sisal and standard, 11c for manilla and 12¾c for pure manilla, f. o. b., there, in wholesale quantities.

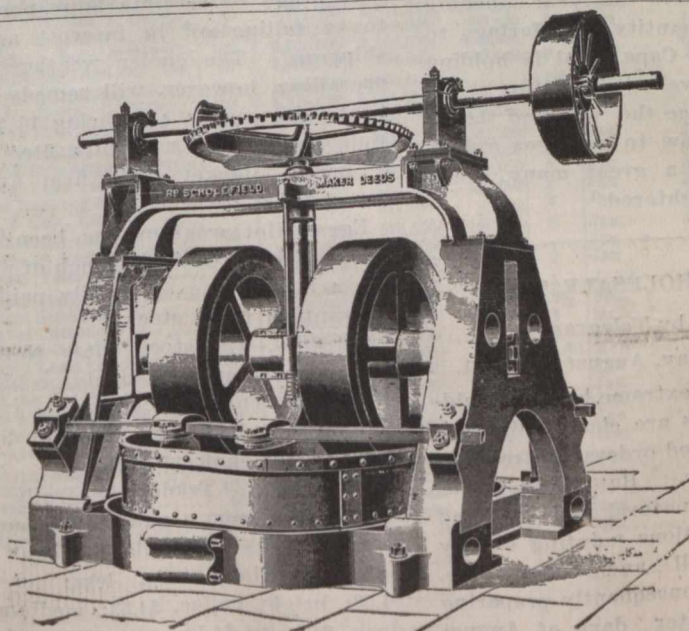
LIVE STOCK. — Export trade was quieter this week owing in some degree to shortage of freight space. Butchers' cattle were not up to the standard in quality and this resulted in poor business and lower prices. Shipments of live stock from the port of Montreal for week ending July 27 were:

	Cattle.	Sheep.
To Liverpool—		
Lake Superior	300	...
To London—		
Brazilian	217	632
To Glasgow—		
Sicilian	400	...
Kastalia	395	532
To Bristol—		
Montcalm	350	...
To Manchester—		
Corporation	342	...
To Cardiff—		
Lord Charlemont	289	149
Total.....	2,293	1,813

LEATHER, ETC.—Locally trade is quiet beyond the expectations of the month just ended. To offset this in a general way leather is being shipped across the Atlantic in satisfactory quantities and is bringing full prices. Values are firm at the recent advance but its enforcement is looked upon as responsible for present delays. Quebec trade is also quiet. Shoe manufacturers are busy with fall trade and consider the outlook extremely favorable in quarters which are depending largely on crop conditions. Some factories are working on spring samples. The Montreal shoe manufacturing firm which called a meeting of its creditors last week, is holding another meeting to-day respecting their standing. It is expected arrangements will be concluded whereby the business will continue uninterrupted.

OILS, PAINTS, ETC.—There are no changes in prices. Both linseed oil and turpentine hold steady at former figures. Glass is firm, but no change has occurred in values. Chemicals are quiet, as usual, during midsummer.

PROVISIONS. — The tendency of the market is toward firmness in price and probable advances. Feed is very scarce and millers have advanced prices. Hogs are being held by farmers for higher figures, urged to this by a generally active market both for killing and



8-ft. and 9-ft. Perforated Grinding Pans. (No. 46.)

Established 1868.

Telegraphic Address: "Brick, Leeds."

Brick-making & Grinding Machinery

Manufactured by

Richard Scholefield,

ENGINEER

Burley Vale Mills

Kirkstall Road, LEEDS, Eng.

Johnson & Tucker,

Wilmington,
Hull, England.

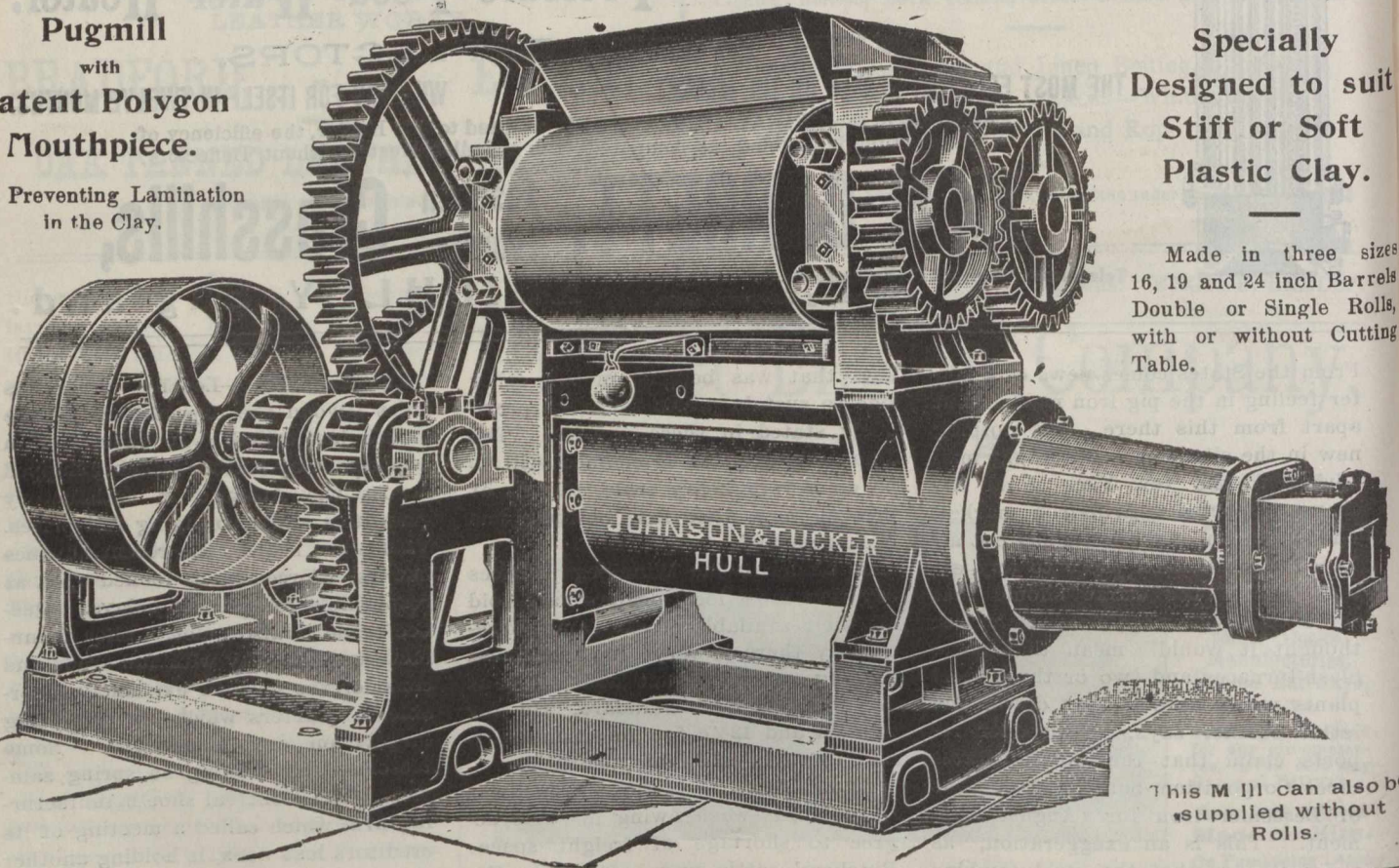
(Late SHEPHERD, HILL & Co.,

Pugmill

with

Patent Polygon Mouthpiece.

For Preventing Lamination
in the Clay.



Specially
Designed to suit
Stiff or Soft
Plastic Clay.

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

This Mill can also be
supplied without
Rolls.

shipping purposes. Trade in hams and bacon is good locally, while we hear of constant shipments abroad. A Chicago wire reports easier market on larger receipts of hogs, and after a day of heavy trades in all options, closed with former advance maintained on everything but September and October pork. Leaders show confidence and are laying plans for the future. Advise buying January ribs and October lard at ruling prices. Cash provisions closed: Mess pork, per barrel, \$14 to \$14.05; lard, per 100 lbs., \$8.65 to \$8.67½; short ribs, sides, loose, \$7.85 to \$8; dry salted shoulders, boxed, 7¾c to 7½c; short clear sides, boxed, \$8.30 to \$8.40. Quotations: Brls. heavy Canada short cut mess pork, \$21; tierces heavy Canada short cut mess pork, \$31; half barrels do., \$10.75; bbls. selected heavy Canada short cut mess pork, boneless, special quality, \$22; bbls. Canada short cut back pork (family pork), \$21; half barrels do., \$10.75; bbls. heavy Canada mess pork, long cut, \$21; bbls. heavy Canada short cut clear pork, \$20.50; half-barrels do., \$10.50; pure Canadian lard, in 375-lb. tierces, 11½c; parchment lined 50-lb. boxes, 11¼c; parchment lined pails, 20-lb., 12c; tin pails, 11¾c; tins, 3, 5 and 10 lbs., 12c to 12¼c; compound refined lard, in 575-lb. tcs., 7¾; parchment lined wood pails, 8¾c; tin pails, 20-lb., 8c; hams, 13½c to 14½c; and bacon, 14c to 15c lb. Fresh killed hogs, \$9.50 to \$10.00 per 100 lbs.

WOOL.—Trade is confined to the narrow channels and haggling which dealers claim the preferential tariff is largely responsible for. They tell of English houses sending representatives here to unload, as it were, extra stock which is being offered at 15c to 25c per cwt. under importers' prices; so, on these grounds how can a straight business be kept up? The last London auctions closed firm for fine merinos. The next series of sales will open Sept. 17th; when the quantity of offerings will be limited to 300,000 bales. 30,000 bales were withdrawn from last series. A sixth series will be held this year, opening Nov. 17, the quantity of offerings to be unlimited. Cape wool is holding its own pretty well; it is getting somewhat scarce since the war, and this is expected to show to a larger extent next year, for a great many sheep have been slaughtered.

TORONTO WHOLESALE TRADE.

(Revised by Telegraph.)

Thursday, August 1st, 1901.

The effects of extreme heat and mid-summer holidays are clearly discernible in lack of good orders and real absence of buyers. But these conditions are both natural and expected and with indications pointing clearly to a splendid fall and winter trade, merchants are consequently preparing for what the later days of August must bring. The tendency in fall

dress goods is toward plain weaves, and on these the trade has been stirred into early activity by the announcement a few days ago that fine wool fabrics had advanced fully 10 per cent. Former indications pointed to this and it is now altogether probable that this advance will become general. Velvets are claiming more attention as fall millinery will bring these goods prominently out in all the new shades. Remittances are inclined to be slow, but this is usual prior to August 4th, of which wholesalers have this season no fear.

Butter.—Poorer quality of a large percentage of receipts is responsible for a falling off in interest among shippers. The cooler weather now prevailing, however, will remedy this. Best tubs, crocks, etc., bring 16½c lb. Bulk creamery, 20c; prints, 21c.

Cheese.—Market quite firm at 10c for choicest.

Eggs.—Hot weather has been seriously affecting arrivals, much of which are a loss. 12½c is readily paid for guaranteed fresh stock.

Potatoes.—Old stock out. New receipts scarce and will likely go higher in price. The early crop was a partial failure. \$1.10 to \$1.25 per bush. is asked for choicest stock.

Groceries.—Trade, generally is quiet aside from a good movement in sugars. Best granulated sells at \$4.68; Maritime at 5c less; cream, \$4.58; bright coffee, \$4.53; medium to dark, \$4.03 to \$4.13; canned tomatoes, 75c to 85c doz.; peas, 70c to \$1.10; corn,

Bottle Washing Machinery

OUR NEW PATTERN "KINGSTON."

No. 2

22-dozen Half-pint Beers.

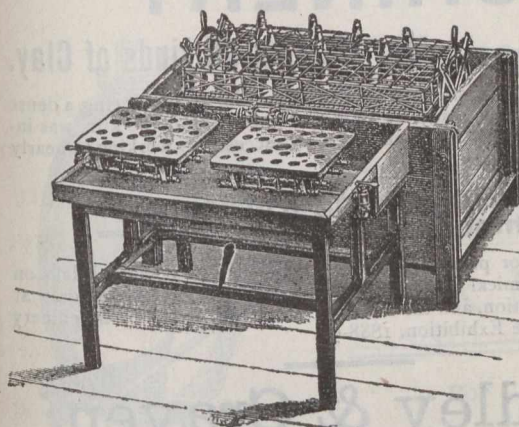
Fitted with Revolving Rinsers as shewn,

£27

with Bottle Sinkers.

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 Aug. 1 (Bid)	Cash value per S.
British North Am.	248	4,866,666	4,866,666	1,708,333	3	Apl. Oct	122½	29767½
Can. Bank of Commerce	50	8,000,000	8,000,000	2,800,000	3½	June Dec	147	78 50
Commercial, Windsor..	40	500,000	350,000	60,000	3	.....	105	42 00
Dominion	50	2,500,000	2,450,011	2,440,291	2½	May	244	122 00
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	100	2,000,000	1,995,750	1,500,000	5	June Dec	204½	204 50
Hochelaga	100	1,500,000	1,500,000	750,000	3½	June Dec	162	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	150	150 00
Molson's	50	2,500,000	2,500,000	2,050,000	4	Oct April	201	100 50
Montreal	200	12,000,000	12,000,000	7,000,000	5	June Dec	254	508 00
Nationale	30	1,200,000	1,200,000	275,000	3	May Nov	96	28 50
New Brunswick.....	100	500,000	500,000	700,000	6	Jan July	300	300 00
Nova Scotia.....	100	2,000,000	2,000,000	2,582,840	4½	Feb. Aug.	232	232 00
Ontario.....	100	1,396,330	1,872,914	350,000	2½	June Dec	132½	122 00
Ottawa.....	100	1,994,900	1,993,330	1,663,74	4 & 1	June Dec	205	205 00
People's of N. B.....	150	180,000	180,000	155,000	4	.....	250	375 00
Provincial.....	25	873,487	781,248	.....	3	June Dec	155	155 00
Quebec.....	100	2,500,000	2,500,000	700,000	3	June Dec	122	122 00
Royal.....	100	2,000,000	2,000,000	1,700,000	3½	Feb Aug	175	175 00
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	April Oct	240	240 00
Toronto	100	2,000,000	2,000,000	2,000,000	5	June Dec	112½	112 25
Traders	100	1,350,100	1,314,438	250,000	3	June Dec	150	75 00
Union (Halifax).....	50	839,000	990,000	505,606	3½	Mch Sept	150	75 00
Union of Canada.....	100	2,000,000	2,000,000	184,000	3½	June Dec	.....	.....
Western.....	100	500,000	401,239	192,000	3	Jan July	170	170 00
Agri. Sav. and Loan Co.....	50	630,200	630,200	800,000	4½	Jan	.....	.....
Bell Telephone Co.....	100	5,600,000	5,000,000	120,000	2½	Jan July	128	128 00
Brit. Can. Loan & Inv. Co....	100	1,937,900	398,481	180,000	3	Jan July	68	63 00
Brit. Mortg. Loan Co.....	100	450,000	399,214	.....	.....	Jan	.....	.....
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	1,493,057	3	Jan July	115	57 50
Can. Per & W. Can. M. Corpn.	50 & 75	5,951,350	5,951,350	250,000	3½	Jan July	114	57 00
Can. Sav. & Loan Co.....	100	750,000	750,000	450,000	1½	Jan July	136	136 00
Central Can. Loan & Sav. Co	50	2,500,000	1,250,000	30,000	2	July Dec	72	36 00
Dominion Sav. and Inv. Co.	50	1,000,000	934,200	.....	.....	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	356,752	3	Jan July	112	112 00
Hamilton Prov. and Loan...	100	1,500,000	1,100,000	200,000	3½	Jan July	135	135 00
Home Sav. and Loan Co.....	10	2,000,000	200,000	89,000	4½	Jan July	179	89 50
Huron & Erie Loan & Sav. Co	50	3,000,000	1,400,000	175,000	3	Jan July	70	70 00
Imperial Loan and Inv. Co...	100	732,721	720,647	210,000	3	Jan July	111	111 00
Landed Banking and Loan...	100	700,000	700,000	.....	3	Jan July	68	68 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	678,550	160,000	3	Jan July	55	55 00
Manitoba & North-W. La Co	100	1,500,000	375,000	50,000	.....	Jan	170	68 00
Montreal Telegraph Co.....	40	2,000,000	2,000,000	.....	2	Jan	.....	.....
Montreal Gas Co.....	40	3,000,000	2,998,640	560,318	2½	April Feb.	241½	96 50
Montreal Street Ry. Co.....	50	5,000,000	4,500,000	600,000	4	Feb. Mch.	291½	145 87
Montreal Cotton Co.....	100	1,400,000	1,400,000	600,000	4	.....	129	129 00
Merchants Cot. Co.....	100	1,250,000	1,250,000	.....	.....	Feb	111	111 00
Montreal Loan and Mortg....	25	500,000	500,000	350,000	3½ & 1	Mch Sept	187½	34 37
Ont. Indus. Loan and Inv....	100	466,500	314,386	150,000	3	Jan July	121½	60 75
Ont. Loan and Deb. Co.....	50	2,000,000	1,200,000	585,000	3	Jan July	24	12 00
People's Loan and Dep. Co.	50	600,000	600,000	50,000	2	Jan July	70	35 00
Real Est. Loan Co.....	40	373,720	373,720	16,1355	3	May Nov	118½	118 50
Richelieu and Ont. Nav. Co.	100	2,088,000	2,088,000	320,155	.....	Jan.	240½	240 50
The Royal Electric Co.....	100	2,250,000	2,250,000	.....	.....	Jan.	136	136 00
Toronto Electric Light Co..	100	2,000,000	2,000,000	250,000	2½	Jan.	78½	78 50
Toronto Mortgage Co.....	50	1,445,860	724,540	.....	.....	Jan.	108	108 00
Toronto Street Railway.....	100	6,000,000	6,000,000	.....	.....	Jan.	112½	112 50
Windsor Hotel.....	.....	.....	.....	.....	.....	.....	.....	.....

* Paying quarterly dividends.

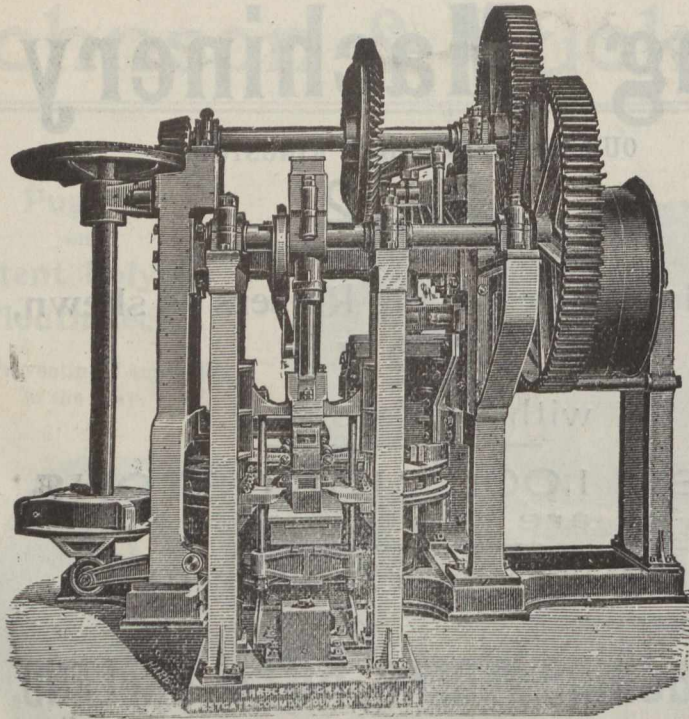
same price; beans, 80c to 92c. Both brooms and matches have been advanced.

—Steam yacht for sale—Dimensions, 55 ft. x 9 ft. over all. Cost over \$7,000 to build and equip. Oak frame; silk plush cushions; fine upholstery; speed, 12 to 14 miles an hour. Draft, 4 ft. to 4½ ft. Machinery, &c., all in good order.—Apply to M. S. FOLEY, "Journal of Commerce," 171-3 St. James street., Montreal

—The insurance losses on the Canada Paper Co.'s mill were: Law, Union & Crown, \$2,000; Aetna, Hartford, \$5,000; Anglo-American, \$5,000; British-America, \$5,000; Caledonian, \$5,000; Commercial Union, \$5,000; Liverpool & London & Globe, \$5,000; London & Lancashire, \$5,000; London Assurance, \$5,000; North British, \$5,000; Norwich Union, \$5,000; Phoenix, Brooklyn, \$5,000; Guardian, \$10,000; Western, \$10,000; Imperial, \$15,000; Queen of America, \$6,500; Royal, \$6,500; Union of London, \$10,500; Atlas of London, \$2,500; Hartford, \$2,500; London Mutual, \$2,500; National of Ireland, \$2,500; Ottawa, \$2,500; Phoenix, Hartford, \$2,500; Traders, \$2,500; total, \$133,000.

TECHNOLOGY OF PETROLEUM.

Messrs. Scott, Greenwood & Co., publishers of the "Oil and Colorman's Journal," have published a very valuable work on the technology of petroleum, translated by Mr. John Geddes McIntosh from the French of Mr. Heinrich Newburger and Henri Noalhat. It deals with the oil-fields of the world, their history, geology, annual production, prospection and development, and gives a variety of technical data, formulae, problems, etc., of much interest to the trade. It pays a deservedly high tribute to the Canadian system of drilling, which is



Craven's Patent Brick Moulding and Dressing Machines.

BRICK MACHINERY

For Working all kinds of Clay.

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

**Double the Strength of any other
Machines in the Market.**

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

Bradley & Craven,
LIMITED

Westgate Common Foundry, WAKEFIELD, Eng.

Manufactured for the Canadian Market, under the new Preferential Tariff, 33 1/4 per cent. in favor of English Goods.

ESTABLISHED 1846.

JOSEPH GREEN & NEPHEW,

"GLOBE IRON WORKS,"

LEEDS, Eng.

Manufacturers of all kinds of
Hand and Steam Power

WOOD WORKING MACHINERY,

DRAWINGS & FULL PARTICULARS ON APPLICATION.
LIBERAL DISCOUNT TO MERCHANTS & SHIPPERS.

All Machines are of the Best Materials, High Class Workmanship and Finish and thoroughly tested before leaving the works.

Telegraphic Address: "GREEN-NEPHEW," Leeds, Eng.

rapidly superseding all other systems on account of the lightness of all its parts, its cheapness, efficiency, and the rapidity of its boring. The Canadian method compensates for the lessened power of its blows compared with the free fall system by the number of them. Thus while Fanck's drill gives fifteen blows per minute, the Canadian drill gives sixty. And it is besides the simplest, lightest, cheapest, and most easily manipulated of all steam drilling rigs. It was introduced into Galicia and Russia in 1855 and soon superseded all its rivals.

The work is beautifully bound in blue cloth relieved with gold and it contains a number of maps, tables, and illustrations. It is of equal value to the expert, the investor and the scientist.

THE GLASGOW PATENTS CO., LTD.

The Glasgow Patents Company, Ltd., whose works are at Kinning Park, and their offices at 23 Hope street, Glasgow, Scotland, have been in existence nearly 20 years and handle a number of valuable products. Among these is Edmiston's "Feedwater" filter, a device which purifies the feed-water of boilers from grease, fatty acids, metallic oxides, sands, &c., and its efficiency is certified by the analysis of Mr. A. Norman Tate, F.I.C., F.C.S. It protects the furnaces from

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

T'grams—"Fletcher & Shaw, Sowerby Bridge.

Telephone No.—0980, Halifax.

Manufacturers of every
description of

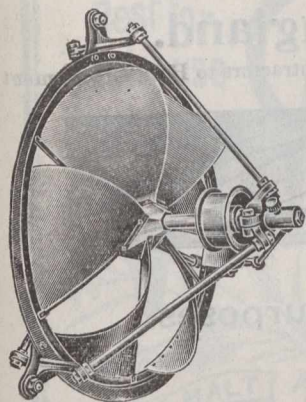
Leather Belting,
Laces, Picking Bands,
Combing Leathers, &c.

Cotton, Hair
and Link Belting, &c

Special prices to Canadians under the
new Canadian Tariff.

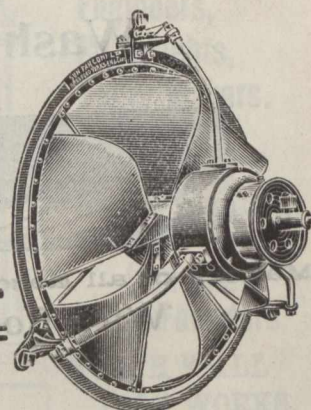
"Sun" Ventilating Fans

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.

buckling and collapsing through the deposit of greasy matter, protects the boilers from corrosion arising from copper and other injurious metallic deposits, protects the boilers from heavy scale by arresting the oxides, sands, and fibrous matter which go to form the scale. It is simple, effective, strong, and economical, and wherever used is admitted to pay for itself in a remarkably short period of time.

They are also manufacturers of the "Daylight" automatic generator for making acetylene gas. The special features of this machine are its absolute safety to handle, its requiring no attention after it is once started, its economy in cost and working, and the fact that it makes pure, cool, clean gas. This generator may be used with or without a gas-holder. The advantage of a gas-holder is that the pressure is maintained at a regular figure. Naturally the gas is produced in larger volume when the carbide is first brought in contact with the water, but these generators work regularly, sup-

plying 10 to 30 lights from the one generator without the use of a gas-holder. Where, however, there is a large consumption liable to special calls, such as may arise from foggy weather, there is an advantage in providing a separate gas-holder.

The company supply a variety of compositions for various purposes. The "Electroid" antifouling composition is used for the German Emperor's yachts, and for the largest liners afloat. There is the "Clutha" composition, for ships' holds, &c. This paint, which is supplied in red and stone color, unites all the advantages of an oil paint and an enamel. It dries thoroughly in four hours, does not rub off, has a smooth enamel surface, and has double the covering power of ordinary oil paints. The "Wellington" composition (green) is for the bottoms of wooden vessels. This paint is specially adapted for the bottoms of wooden and composite vessels, and dries in 30 minutes with a fine enamel surface. The company's

"Protection" oil paints are suitable for all kinds of work, marine and land, are claimed to be the cheapest and best, and are supplied in any shade.

The Enameline is a quick-drying enamel paint made up ready for use, and is for enamelling all kinds of inside work. The surface of the Enameline is impervious to damp and is unsurpassed for rendering walls and roofs thoroughly waterproof. For mills, warehouses, works, schools, lodging-houses, model-dwellings, &c., where there is much traffic, it is specially suitable. The stairs and passages can be painted in the morning and will be perfectly hard and dry in half-an-hour.

All these compositions and paints have long been used by some of the largest shipowners and builders on the Clyde and elsewhere. We have only briefly indicated a few of the leading points concerning the firm's products, and would strongly recommend readers who are interested in

PATENT BRICK MACHINERY

Telegraphic Address:
"CAMBRIAN, LEEDS"

PULLAN & MANN,

(Successors to THOMAS TITLEY.

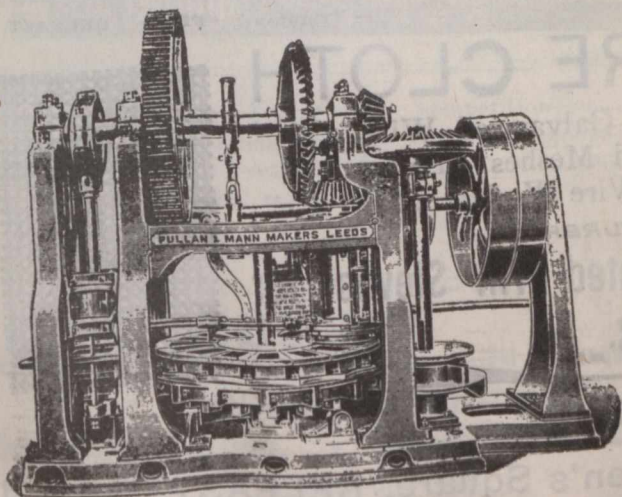
ENGINEERS,

Cambrian Works, Elland Road, - LEEDS, Eng.

MAKERS OF

Patent and Improved Brick, Tile and Sanitary Pipe-Making Machinery, Engines, Boilers, Shafting, Gearing, Pulleys, &c.

Complete Catalogue on application.



Special prices to Canadians under the New Canadian Tariff.
33 1/3 p.c. off Tariff in favour of English Manufacturers.

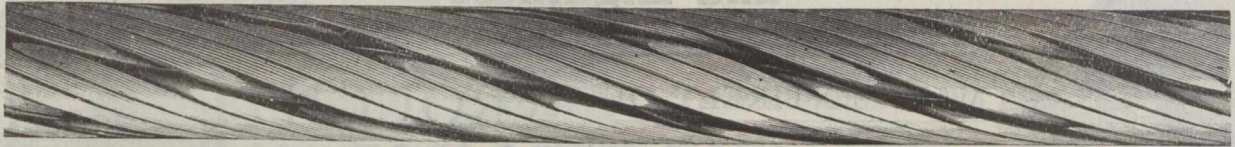
The above Machine will produce from marl, shale, fire-clay, pit-refuse, &c. 10,000 to 12,000 best quality pressed bricks per day, sufficient enough to go direct to kiln without expense of drying, and equal in strength and density to a well-made plastic brick.

R. S. NEWALL & SON, LIMITED.

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

WIRE ROPE WORKS, Washington, Co. Durham, - - England.

Contractors to H.M. Government.

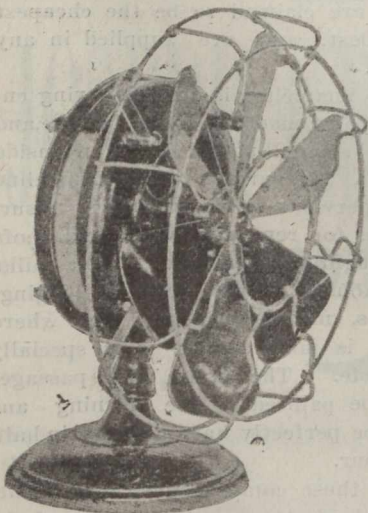


Makers of all descriptions of
Wire Ropes for Mines, Tramways and other purposes.

LONDON OFFICE—11, QUEEN VICTORIA STREET, E.C.
GLASGOW OFFICE—19, ROYAL EXCHANGE SQUARE.

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

Heat--Discomfort . . . Electric Fan--Comfort



Get one and revel
in luxury during the
hottest weather.

Send for Bulletin No. 450. Don't wait
too long to place your order.

ALL KINDS IN STOCK.

Canadian General Electric Co., Limited.

HEAD OFFICE :
TORONTO, ONT.

Branches: Montreal, Winnipeg, Rossland,
Halifax, Vancouver, Nelson.

the matters touched upon to obtain further particulars and prices from the company, either at the Glasgow address given or from one of their numerous agencies which have been established at the following amongst other places: Cardiff, Bristol, London, Liverpool, Newcastle, Hull, Middlesbro', Dundee, Aberdeen, Leith, Southampton, Cowes, Belfast, Dublin, Paris, Antwerp, Aarhus, Hamburg, Trieste, Hiogo, Sydney, Athens, Barcelona, &c.

THE CAMBRIAN VINEGAR CO.,
Elland Road, Leeds, England.

One of the difficulties with which the average grocer has to constantly contend is the getting and sustaining of quality in vinegar. If he buys from everyone who comes along he buys all kinds of vinegar and his customers are given all kinds of value for their money. The knowledge, then, that in a certain make, the product of a well known, long-established firm, there is found uniformity of strength, contents always as specified, and value which is never questioned, can not but prove a source of genuine satisfaction to the merchant, who thus considers himself aloof from at least one chance of daily censure. There are retailers who have built up their trade on that article alone, the public being as-

Established 1829.

TELEGRAMS: "FELT," BELFAST.

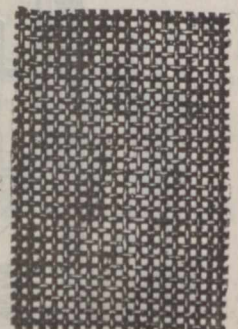
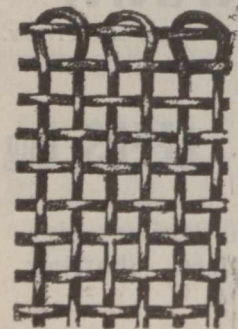
WOVEN WIRE CLOTH

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.

Best for Table use

"CAMBRIAN VINEGAR"

PURITY GUARANTEED

MALT VINEGAR LEEDS ENGLAND BREWERY

Special Prices to Canadians under the New Canadian Tariff

CONTRACTORS TO HER MAJESTY'S GOVERNMENT

BY ROYAL LETTERS PATENT

NO PAINT. NO PUTTY.

IMPERISHABLE WORKS WATER-TIGHT

BAY HALL, HUDDERSFIELD, YORKSHIRE.

THE ONLY DUST-PROOF SYSTEM

HEYWOOD'S

LONDON OFFICE 39, VICTORIA ST. WESTMINSTER S.W.

GLASS LEAD GLASS BAR

TELEGRAPHIC ADDRESS "GLAZING" HUDDERSFIELD. TELEPHONE No 254 HUDDERSFIELD

COMBINATION SYSTEM

No OUTSIDE FASTENINGS to break off.

SMALL FULL-SIZE Steel BAR SECTION Galvanized.

Asbestos Packing

GLAZING

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

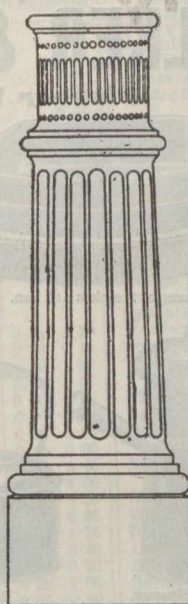
W.H. HEYWOOD & CO. Glazing & Roofing Engineers, HUDDERSFIELD, ENGLAND.

SYDNEY, N.S.W. 335, PITT ST.

sured of receiving the quality of vinegar they desired for pickling and other special purposes advertised the store in general, with the result that

competition was ignored in the fact that good goods could always be received when requested.

Prominent among manufacturers of



ROSS & WALPOLE,
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.

high grade and pure vinegars in England, the great centre of manufacture, stands the title of The Cambrian Vinegar Company, Limited, as testified by the many official testimonials, results of expert chemical analysis. Before us is a neatly bound booklet, handsomely illustrated, bearing the unique title, "Tis 30 Years Since, or the history of an industry." This interestingly compiled volume from the skilful pen of Mr. James Brodie, the managing director of the Cambrian Vinegar Company, while treating at length of the origin and growth of the above industry, is replete with humorous anecdotes of travel, experience, profit and loss in vinegar trade during a period of 30 years. Numerous illustrations are found in the volume, among which is a portrait of Mr. James Brodie, the first glance at which would give the impression, to say the least, that capacity is not wanting in the important position of managing director of the Cambrian Vinegar Company.

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.

WALKER & HOLROYD, GENERAL STAMPERS, PIERCERS,
AND SHEET METAL WORKERS,
Pioneer Works, Thornbury, Bradford, Yorkshire. ENGLAND



Special Prices to Canadians under the New Tariff.

The premises of the Cambrian Vinegar Company—which began business in Leeds in 1864, as a branch of a Welsh Company, and entered upon the present works in 1875—cover about an acre of ground, and are well fitted and well adapted to their purpose; and the inspection recently made of them in company with Mr. Brodie, the resident partner, afforded interesting information. Fresh air is an essential to the production of good vinegar, therefore were these works established on the south-west quarter of Leeds, where, it is contended, the purest air of the borough is found;

but an equally great essential is good water, and this is obtained from a deep well sunk on the premises. Malt and barley are the sole materials from which the company brew their vinegar; and having seen the rooms in which the sacks of grain are stored, are shown the first step in its conversion. This is taken by passing the grain down a hopper into a mill, in which it is ground into a coarse meal. The meal is then hoisted to an upper storey, whence it descends through another hopper into a huge "mashing" tun.

The tun has a false bottom of perforated iron plates, on to which the

meal is shot. Boiling water is forced through these and is absorbed into the mass; fresh water being added from time to time. Crossing the top of the tun is a large revolving bar, attached to which is a series of iron rakes, with flanges something-like those of a paddle-wheel; and these toss and stir up the seething mass most effectually. When all the strength of the meal has been extracted, the liquid, now called "wort," is run off into a receptacle called the underback. From this it is pumped to a higher chamber into a "cooler," or long, broad, shallow, wooden bath, above which is fixed a

John Smith,
Keighley, Yorks,
ENGLAND.

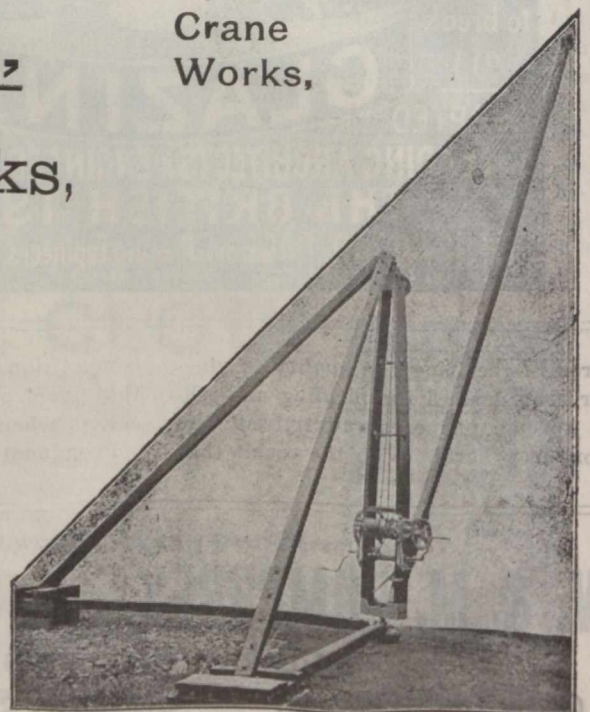
Crane Works,

SPECIALITIES

**Stone Saw Frames
And Derrick Cranes.**

Nat. Telephone, 29 Keighley.

Telegraphic Address: "CRANES, KEIGHLEY."



DERRICK CRANE.
Considerably over 3,000 Cranes at work.

Special prices to Canadians under the New Tariff.

MONTREAL WHOLESALE PRICES CURRENT—THURSDAY, AUGUST 1, 1901.

Name of Article.		Wholesale.			Name of Article.		Wholesale.		
Boots and Shoes.				Brooms.		Heavy Chemicals.			
Brogans or Cobourgs	\$0 75 0 85	\$0 60 0 65	\$0 55 0 60	Union Jack No. 5, pl. light	0 00	Bleaching Powder	2 00	3 00	
Split Balmorals	0 90 1 10	0 80 0 90	0 70 0 75	Rose 4 varn. hand heavy..	0 00	Blue Vitriol	6 00	7 50	
Kip	1 10 1 20	0 95 1 00	0 80 0 85	Pansy 4 " " medium	0 00	Brimstone	2 00	2 50	
Buf " or Congress	1 20 1 50	1 00 1 20	0 90 1 00	Thistle 4 " " "	0 00	Caustic Soda 60	2 25	2 60	
Split Boots	1 30 1 75	1 10 1 25	0 90 1 00	Map Leaf A 4 stgs.	0 00	" 70	2 50	2 75	
Kip	2 10 2 75	1 50 1 75	1 10 1 30	" B 4 " stained	0 00	Soda Ash	1 25	1 50	
Grain " \$2.00 to \$3.00	2 10 2 75	1 50 1 75	1 10 1 30	Shamrock A 4 " varn han	0 00	Soda Bicarb	1 75	2 25	
				" B 4 " stained	0 00	Sal. Soda	0 75	0 85	
				Daisy A 3 stgs varn handle	0 00	" Concentrated	1 50	2 00	
				" B 3 " stained "	0 00	Dyestuffs.			
Split Batts or Bals	0 75 80	0 65 0 70	0 47 0 50	Tulip No. 1 3 st. med lt.	0 00	Archil. con	0 27	0 29	
Kip Pebbled or Buf Bals	0 90 1 00	0 80 0 90	0 60 0 75	" 2 3 " light	0 00	Cutch	0 06	0 09	
Pebbled Button, Machine Sewed	1 00 1 10	0 90 1 00	0 70 0 75	Curling 4 " ord.	0 00	Ex. Logwood	0 09	0 12	
Glove Grain Button	1 00 1 10	0 90 1 00	0 70 0 75	Warehouse 4 heavy	0 00	Chip	1 75	2 50	
Box Calf	1 25 1 60	1 15 1 25	0 90 1 00	E. 3 str. bamboo handle..	0 00	Indigo (Bengal)	1 50	1 75	
Dongola Kid 1 quality	2 00 2 50	1 50 1 75	1 10 1 25	Drugs & Chemicals		Indigo Madras	0 70	1 00	
" 2 " "	1 25 1 60	1 25 1 60	1 00 1 10	Acid Carbolic Cryst med.	0 35	Gambler	0 06	0 06	
" 3 " "	1 00 1 00	0 90 0 95	0 75 0 80	Aloes, Cape	0 16	Madder	0 09	0 12	
" " Goodyear make	2 25 3 00	2 00 2 25		Alum	1 40	Sumac	60 00	65 00	
				Alum	1 40	Tin Crystals	0 25	0 30	
Mens' Calf, Bals. Cong or Butt. Goodyear Welt			2 50 3 50	Borax, xtl.	0 05	Fish			
" " McKay Sewn			2 00 2 25	Brom. Potass	0 70	Bloaters, per box	0 00	0 00	
" " Tan Russia Calf, Bals. Cong or Butt. Goodyear Welt			2 50 3 50	Camphor. Ref Rings	0 00	Labrador Herrings, N.F.	4 50	5 00	
" " McKay			2 00 2 25	" Refoz. ck.	0 30	No. 1 Shore Herrings	0 00	0 00	
" " French Pat. Calf or Enamel Leather Bals. Butt. and Cong.			3 50 4 50	Citric Acid	0 45	" Nova Scotia	0 00	0 00	
Ladies' Glaze Dong. Butt. and Bals., Goodyear Turns 1 quality			2 00 2 50	Citrate Magnesia lb.	0 25	Mackerel No. 2, bris.	0 00	15 50	
" " 2 " "			1 60 1 75	Cocaine Hyd. (oz)	6 50	" 1/4 barrel	0 00	8 00	
" " 3 " "			1 50 1 75	Copperas, per 100 lbs	0 75	Green Cod, No. 1	0 00	0 00	
" " Oxfords, 1 quality			1 00 1 25	Cream Tartar	0 20	Green " large	0 00	0 00	
				Epsom Salts	1 25	No. 2	0 00	0 00	
				Gum Arabic per lb.	0 17	Large dry Gaspe per qntl.	0 00	0 00	
				" Trag.	0 25	Salmon, bris Lab.	12 50	14 00	
				Insect Powder lb.	0 50	Salmon, (half bris)	0 00	7 00	
				do per keg, lb.	0 25	" Brit. Col bris.	0 00	14 00	
				Menthol, lb	5 00	Boneless Fish	0 04	0 00	
				Morphia	1 75	" Cod	0 05	0 06	
				Oil Peppermint lb.	1 50	Skinless Cod, case	0 00	4 75	
				Oil Lemon	1 60	N. S. Salt Herrings, in	2 50	3 00	
				Opium	4 08	half-barrels	0 00	0 00	
				Oxalic Acid	0 07	Salt Lake Trout, half-bris	0 00	0 00	
				Phosphorus	0 50	Salt Whitefish	0 00	0 00	
				Potash Bichromate	0 08	Loch Fyne Herrings, keg	1 10	1 15	
				Potash Iodide	3 00	Flour.			
				Quinine	0 35	Winter Wheat patents	3 55	3 85	
				Strychnine	0 65	Manitoba patents	4 10	0 00	
				Tartaric Acid	0 30	Straight roller	3 30	3 40	
				Licorice.		do bags	1 65	1 70	
				Stick, 4, 6, 8, 12, & 16		Strong Bakers	3 80	0 00	
				to lb, 5 lb. boxes	2 00	Superfine	0 00	0 00	
				Acme Licorice Pellets,	2 00	Rolled Oats	3 60	3 70	
				cans	2 00	Corn meal, bag	1 20	1 25	
				Licorice Lozenges, 1	1 50	Bran bulk	15 00	20 00	
				5 lb. cans	0 00	Shorts	17 00	20 00	
						Moullie	22 00	25 00	



John Mackintosh, Ltd.,

HALIFAX, ENGLAND.

Mackintosh's Extra TOFFEE Cream

HAS THE LARGEST SALE IN THE WORLD.

Special price to Canadians under the New Tariff Agents wanted through Canada, apply at once to the Makers

JOHN MACKINTOSH, LTD.

HALIFAX, ENGLAND:

ISN'T IT DELICIOUS?
It's Mackintosh's Extra Cream Toffee."

"The Toffee Mills."

EXTRACT of INDIGO.
REDUCED INDIGO.
J. W. EASTBURN,
Baglan Chemical Works:
HALIFAX, ENGLAND.

Special prices to Canadians under the new Canadian Tariff.

large iron fan, which, revolving rapidly, soon lowers the temperature of the liquid, the same end being assisted by the air that comes in through the wood-latticed apertures in the walls around. Before it can pass to the fermenting tuns, however, the temperature must be still further reduced, this is accomplished by running the liquid over a refrigerator formed of an upright screen of copper pipes, through which cold water passes. The liquid comes on to these pipes at a temperature of 130 degrees, but when it reaches the bottom it is only about

60 degrees. Having reached the right temperature it descends into the fermenting tuns beneath, each of which holds about four thousand gallons. Here the addition of yeast—obtained from Burton-upon-Trent,—produces fermentation which lasts for about a week. In making beer, brewers skim off the yeast at a certain stage of the fermentation, and save it for future use; but in making vinegar it is allowed to remain considerably longer—until, indeed, it falls to the bottom of the tuns; in other words, while the brewers arrest attenuation,

MONTREAL WHOLESALE PRICES CURRENT—THURSDAY, AUGUST 1, 1901.

Name of Article.		Wholesale	Name of Article.		Wholesale	Name of Article.		Wholesale	Name of Article.		Wholesale
Farm Products.		\$ c. \$ c.	Grain		\$ c. \$ c.	Molasses (Barbados)		\$ c. \$ c.	Vermicelli, Canadian		\$ c. \$ c.
BUTTER: Choicest Cr.		0 20 0 20	No. 1 Hard, Man. Lake & R.		0 83 0 81	do brls. & 1/2 s.		0 28 0 29	Macaroni, "		0 05 0 06
Western do		0 19 1/2 0 20	No. 2, "		0 81 0 79	Evaporated Apples,		0 31 1/2 0 32 1/2	" Italian		0 05 0 06
Held Lots		0 00 0 00	Oats, ex store		0 77 0 75			0 05 0 06 1/2			
Townships Dairy		0 00 0 00	Barley, No. 1, mid.		0 09 1/2 0 10	Raisins:			Peel—Citron		0 14 0 16
Western		0 18 0 19	" No. 2, mid. ft.		0 00 0 00	Sultanas		0 09 0 12	Orange		0 11 0 13
Good to choice		0 16 0 16 1/2	Peas, afloat		0 51 0 51 1/2	Loose Musc. Malaga.		0 08 1/2 0 10	Lemon		0 10 0 12
Fresh Rolls		0 13 0 15	Rye		0 79 1/2 0 80	Layers, London		0 00 2 40			
		0 00 0 00	Buckwheat, afloat		0 57 1/2 0 58	Con. Cluster		0 00 2 75			
					0 56 0 00	Extra Dessert		0 10 3 25			
						Royal Bucking'm		0 00 3 75			
						Valencia		0 05 0 06			
						" Selected		0 06 0 06 1/2			
						" Layers		0 06 0 07			
CHEESE:			Groceries.			Currants, Provincials		0 00 0 00	Chocolate		
Finest, col'd		0 09 1/2 0 10	Tea, (Hf.-Chest & Cad.) ..			Filigras		0 09 0 10	Vanilla, yel. wrap, 24 x 1/2 lb		0 24 0 26
Eastern		0 09 1/2 0 09 3/4	Japan, com. to med., B.		0 14 0 18	Patras		0 12 0 13	do Chamois do do		0 43 0 49
Efterior		0 00 0 00	" good med. to fine ..		0 19 0 20	Vostizzas		0 12 1/2 0 13 1/2	do Pink do do		0 50 0 56
			" choicest		0 23 1/2 0 25	Prunes, Cal.		0 05 1/2 0 09 1/2	do Blue do do		0 58 0 66
			" fancy		0 26 0 36	do French		0 04 0 05	Tip, Van. Green do do		0 50 0 56
Eggs: Strictly new		0 18 0 14	" dust		0 05 0 09	Figs in bags		0 03 1/2 0 00	do do Lilac do do		0 58 0 66
Candled		0 11 1/2 0 12	Y. Hyson, com. to good ..		0 13 0 20	" new layers		0 08 0 13	do do Bronze do do		0 65 0 74
P. E. I.		0 00 0 00	" fine to finest, B.		0 30 0 45	Dates		0 03 1/2 0 05	do do White do do		0 73 0 83
Cold storage		0 00 0 00	Gunpowder, Moyune		0 22 0 25	Sh. Almonds, bxs.		0 11 0 12	Unsweet'd blue prem do		0 28 0 49
No. 2		0 09 0 09 1/2	" good		0 25 0 35	S. S. Tarragona		0 11 0 12			
Hops: N. Y. State, per B.		0 14 0 15	Pingsuey med to good ..		0 12 1/2 0 16	Walnuts		0 00 0 08 1/2	Starch:		
Pacific Coast, "		0 14 0 14 1/2	" fine to finest " ..		0 19 0 23	" Grenoble		0 11 0 12	Can. Laundry		0 04 1/2 0 00
Canadian		0 12 1/2 0 19	Oolong		0 28 0 42	Filberts		0 10 0 11	Silver Gloss		0 00 0 07 1/2
German		0 28 0 35	Congou, common		0 10 0 16	Bulk mixed Candy, per lb.		0 05 1/2 0 08	Benson's Prep. Corn ..		0 00 0 06 1/2
English		0 30 0 00	" good common		0 17 0 20	Baking Soda, 112 lb. keg.		0 00 1 70	" Sat. Chr. label ..		0 07 1/2 0 00
British Columbia		0 18 0 26	" med. to good		0 22 0 27 1/2	"		0 17 0 19	Can. Pure Corn		0 00 0 05
Hoe Products:			" fine to finest ..		0 32 0 35	"		0 10 0 12	No. 1 Wh. blue 48 lb.		0 05 1/2 0 00
Bacon, smoked, per B.		0 14 0 15	Indian		0 15 0 23	"		0 08 0 10			
Hams, city cured, "		0 13 1/2 0 14 1/2	Darjeelings		0 35 0 45	"		0 17 0 19	Vinegar: less 10 p.c. dis.		
Pork Ca. s.c. per bbl.		0 09 19 00	Ceylon		0 15 0 35	"		0 10 0 12	Imp Trip		0 33 0 00
do mess		18 00 18 50	Coffees, Mocha (green) —		0 25 0 26	"		0 12 0 15	Cote D'or		0 28 0 00
Dressed Hogs, light		9 50 10 00	Java		0 22 0 25	"		0 12 0 15	Crystal Pickling		0 23 0 00
" heavy		9 00 9 25	Maracalbo		0 17 0 18	"		0 15 0 16	W. W. XXX		0 25 0 00
Lard, per B Can pwe.		0 11 1/2 0 11 1/2	Jamaica		0 17 1/2 0 18 1/2	"		0 35 1 00	W. W. XX		0 20 0 00
" Com. Refined		0 07 1/2 0 08	Rio		0 11 0 15	"		0 08 0 15	W. W. X		0 17 0 00
			Plantation Ceylon		0 27 0 29	"		0 07 0 14	Pure Malt		0 45 0 00
SEEDS:			Chicory		0 06 0 11	"		0 08 0 10	Cider X		0 17 0 00
Clover, red, per lb.		0 12 0 14	Canadian do		0 00 0 06	"		0 08 0 10	" XXX		0 27 0 00
" alsike		0 12 0 15				"		0 10 0 12			
Timothy, (Can'n) per bah.		3 00 3 40	Sugars: Factory.			"		0 17 0 19	Soap: Best Laundry		0 05 0 05
" Western		2 50 3 00	Ex Granulated, brls.		0 00 4 50	"		0 25 0 27	" Common		0 02 1/2 0 04
Flax 56 lbs.		0 00 2 00	German gran'd		0 06 0 00	"		0 72 0 75			
Fall Rye		0 80 0 85	Ex Ground, in brls.		0 00 5 05	"		0 23 0 25 1/2			
Millet		0 98 1 00	" in bxs.		0 00 5 25	"		0 00 3 00			
Hungarian		0 85 0 90	Powdered, in brls.		0 00 4 80	"		0 00 3 10			
SUNDRIES:			" boxes		0 00 5 05	"		4 12 1/2 4 62 1/2			
Potatoes, (old) per bag.		0 42 0 50	Paris Lump, in brls.		0 00 5 05	"		4 00 4 10			
Honey, White Clov., Comb.		0 12 1/2 0 13 1/2	" half brls.		0 00 5 15	"		5 00 5 10			
" Extracted		0 08 1/2 0 10	" 100-lb bxs.		0 00 5 05	"		6 60 7 60			
Beeswax		0 25 0 30	" 50-lb bxs.		0 00 5 05	"		0 00 2 00			
Beans: prime		1 40 1 50	Branded Yellows		3 85 4 35	"		0 03 0 05			
do. Best hand-picked		0 90 0 00				"		0 00 0 04 1/2			
Sugar Maple		0 09 0 10				"		0 00 0 05			
Syrup Maple, tins.		0 85 0 70				"		1 10 0 00			
" wood, lb.		0 07 0 07 1/2				"		1 75 0 00			

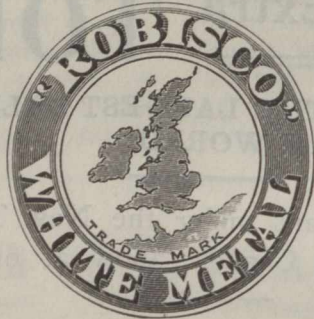
"Robisco" White Metal,

(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,

WHITES.

ABSORBENT PIPE

Glasgow, Scotland,
THE LARGEST
Clay Tobacco Pipe
Manufacturers in the World.
OF ALL DEALERS.

vinegar makers carry it as far as possible. When it has reached this stage, the liquid—which is now termed "wash"—is pumped into a large apartment containing some seven or eight immense vats, capable of accommodating from 20,000 to 30,000 gallons each. In these vats the wash is allowed to settle as long as possible, the length of its stay having an important bearing on its quality. We next come to the acidifying rooms, where the process of acetous fermentation takes place. Here are a number of further large tuns called acidifiers, and to these the wash is pumped, from the

settling vats. Inside the head of each is a turbine. This revolves, and as the wash passes into it, and along the arms, the latter distribute it over a mass of birch twigs, with which the upper half of each acidifier is filled. The reason of this is that acidification is effected by the combination of alcohol with the oxygen of the atmosphere, and the great exposure obtained by the large surface of twigs, through which the air passes freely, is necessary to secure complete oxydation. In the old processes, acidification was helped by inter-mixing sulphuric acid—a practice still, it is

feared, largely employed by makers of inferior vinegars, but of which analysis shows the productions of the Cambrian Vinegar Company to be innocent. As the wash thus sprinkled over the twigs falls to the bottom of the acidifiers, it is caught and carried again through pipes to the top; and it is kept flowing backwards and forwards in this manner night and day for ten to fourteen days; until, by a natural chemical process, it is converted into vinegar. Entering the acidifiers—which hold each about 7,000 gallons—at first as an alcoholic solution of about the strength of

MONTREAL WHOLESALE PRICES CURRENT—THURSDAY, AUGUST 1, 1901.

Name of Article.	Wholesale.	Name of Article.	Wholesale.	Name of Article.	Wholesale.	Name of Article.	Wholesale.
Hardware.		Coil Chain—No. ¼	3 70 0 00	Lead Pipe, per 100 lbs. ..	7 00 0 00	Tallow, cake	0 00 0 05
Antimony.....	0 09 0 10	9-16.....	3 60 0 00	less 30 p.c.		" rendered.....	0 05 0 05
7/8 in. Block, L & F, # 1.....	0 00 0 32	¾.....	3 50 0 00	Zinc:		" Ordinary.....	0 04 0 04 ½
" Straits.....	0 00 0 00	¾.....	3 55 0 00	Spelter, per 100 lbs.....	0 00 4 75	" rough.....	0 02 0 02 ½
" Strip.....	0 00 0 32	1 in.....	3 45 0 00	Sheet, Zinc "	5 75 6 00		
Copper: Ingot.....	0 00 0 80			Black Sheet Iron.		Leather	
CUT NAIL SCHEDULE.		Galvanized Staples—		Per 100 lbs.		No. 1 B. A. Sole.....	0 27 0 28
Base Price, per Keg, car lots	2 35 0 00	100 lb. box, 1 ½ to 1 ¾.....	3 50 0 00	8 to 16 gauge.....	2 65 0 00	No. 2 B. A. Sole.....	0 25 0 26
Less quantity.....	2 45 0 00	Bright, 1 ½ to 1 ¾.....	3 25 0 00	18 to 20 do.....	2 50 0 00	No. 3 B. A. Spanish Sole	0 24 0 24
Extras—Over and above 30d,		Galvanized Iron:		22 to 24 do.....	2 65 0 00	Slaughter, No. 1.....	0 28 0 29
40d, 50d, 60d and 70d Nails.		Queen's Head, } gauge 28	4 40 4 65	26 do.....	2 70 0 00	Light medium & heavy..	0 28 0 29
Cut and Fence Nails—		Comet do 28 gauge....	4 00 4 25	28 do.....	2 75 0 00	" No. 2.....	0 26 0 27
16 and 20d Hot Cut, per 100 lbs	0 05 0 00			WIRE:		Harness.....	0 26 0 30
10 and 12d ".....	0 10 0 00	Iron Horse Shoes:		Plain galv'd, No. 5.....	4 00 0 00	Upper, heavy.....	0 34 0 36
8 and 9d ".....	0 15 0 00	No. 2 and larger.....	0 00 3 50	do do No. 6, 7, 8	3 50 0 00	Upper, light.....	0 35 0 37
6 and 7d ".....	0 30 0 00	No. 1 and smaller.....	0 00 3 75	do do No. 9.....	2 85 0 00	Grained Upper.....	0 34 0 35
4 and 5d ".....	0 40 0 00	Bar Iron, per 100 lbs.	1 70 1 75	do do No. 10.....	3 60 0 00	Scotch Grain.....	0 35 0 36
3d ".....	0 65 0 00	Car lots.....	0 00 0 00	do do No. 11.....	3 70 0 00	Kip Skins, French.....	0 60 0 65
2d ".....	1 00 0 00	Norway, base.....	0 00 4 25	do do No. 12.....	3 00 0 00	English.....	0 45 0 55
Cut spikes 10c, per Keg ad-		Am. Sh. St'l, 6 ft. x 2 ½ ft., 18	0 00 2 70	do do No. 13.....	3 10 0 00	Canada Kip.....	0 50 0 60
vance.		" " " 20	0 00 2 95	do do No. 14.....	4 10 0 00	Hemlock Calf.....	0 50 0 70
Fine blued nails—		" " " 22	0 00 3 10	do do No. 15.....	4 60 0 00	Light.....	0 50 0 60
2d per 100 lbs.....	1 00 0 00	" " " 24	0 00 3 10	do do No. 16.....	4 85 0 00	French Calf.....	0 85 1 10
3d ".....	1 50 0 00	" " " 26	0 00 3 20	do do No. 16.....	3 05 f.o.b.	Splits, light and medium.	0 22 0 25
Casing, Box, Tobacco Box		" " " 28	0 00 3 45	Barbed Wire—	Montreal,	" heavy.....	0 17 0 20
and Flooring Nails—		Boiler plates, iron, ¾ in.	0 00 2 10	Spring Wire per 100, 1.00		" small.....	0 18 0 20
20 to 30d per 100 lbs.....	0 55 0 00	" " " 3-16 in.	0 00 2 10	net extra.		Leather Board, Canada..	0 66 0 10
10 to 16d ".....	0 60 0 00	Hoop Iron, base for 2 in.	0 00 2 65	Iron and Steel Wire pl'n	2 80 base.	Enameled Cow, per ft....	0 16 0 18
8 and 9d ".....	0 65 0 00	and larger.....		6 to 9.....		Pebble Grain.....	0 12 0 14
6 and 7d ".....	0 70 0 00	Band Canadian, 1 to 6 in.		Rope.		Glove Grain.....	0 12 0 13
4 to 5d ".....	0 95 0 00	30c; over base of ordin-		Sisal, base.....	0 00	B. Calf.....	0 15 0 20
3d ".....	1 20 0 00	ary; smaller size Extras		" 7-16 and up.....	0 10	Brush (Cow) Kid.....	0 11 0 13
Finishing nails—		Canada Plates:		" ¾ ".....	0 09 ½	Buff.....	0 13 0 16
¾ inch and longer per 100 lbs	0 60 0 60	Full Polish.....	3 25	" 5-16 ".....	0 10	Russets, light.....	0 35 0 40
¾ and 2 ¼ inch.....	0 65 0 00	Ord. 52 sheets.....	2 60	" ¾ ".....	0 10	" heavy.....	0 25 0 30
2 and 2 ¼ ".....	0 70 0 00	" 60 do.....	2 65	" 3-16 ".....	0 10 ½	" No. 2.....	0 35 0 40
1 ½ and 1 ½ ".....	0 95 0 00	" 75 do.....	2 70	Manilla, 7-16 & lgr.	8 13 ½	" Saddlers' doz....	7 50 9 00
1 ¼ ".....	1 20 0 00	Black Iron pipe, ½ in ¾ in.	2 72	" ¾ ".....	8 14	Imt. French Calf.....	0 65 0 75
1 ".....	1 50 0 00	¾ in.....	2 87	" 5-16 ".....	0 14 ½	English Oak lb.....	0 30 0 35
Slatting nails—		¾ in.....	3 20	" 3-16 ".....	0 15 ½	Dongola, extra.....	0 38 0 42
1 ½ and 1 ½ inch per 100 lbs..	0 95 0 00	1 in.....	4 60	Lath yarn.....	0 09 ½	" No. 1.....	0 20 0 22
1 ¼ ".....	1 20 0 00	1 ¼ in.....	6 50	Wire Nails.		" ordinary.....	0 14 0 16
1 ".....	1 50 0 00	1 ½ in.....	7 80	Base Price carload.....	2 77 ½	Colored Pebbles.....	0 13 0 16
Common barrel nails—		2 in.....	10 40	Less than.....	2 85	" Calf.....	0 18 0 22
1 ½ inch per 100 lbs.....	1 00 0 00	per 100 ft. nett.		2d extra.....	1 00	Oils	
1 ".....	1 00 0 00	Steel, cast p.l.b., Blk Diam'd	0 08 base	3d f.....	0 65	Cod Oil.....	0 35 0 40
¾ ".....	1 25 0 00	" Spring, 100 lbs.....	2 75 0 00	4d and 5d ".....	0 40	S. R. Pale Seal.....	0 50 0 55
¾ ".....	1 50 0 00	" Tire, ".....	1 95 base	6d and 7d ".....	0 30	Straw Seal.....	0 40 0 50
Clinch nails—		" Sleigh shoe, 100 lbs..	1 85 base	8d and 9d ".....	0 15	Cod Liver Oil, Nfd. Norw	
¾ inch and longer per 100 lbs	0 60 0 00	" Toe Calk.....	2 25	10d and 12d ".....	0 10	" Process.....	0 90 1 00
2 ¼ and 2 ¾ inch.....	0 65 0 00	" Machinery.....	2 75 base	16d and 20d ".....	0 05	" Norwegian	1 00 1 10
2 and 2 ¼ ".....	0 70 0 00	" Harrow Tooth.....	2 50	30d to 60d ".....	Base	Castor Oil.....	0 09 ½ 0 10
1 ½ and 1 ½ ".....	0 95 0 00	Tin Plates:		Hides and Tallow		Castor Oil brls.....	0 00 0 09 ½
1 ¼ ".....	1 20 0 00	IC Coke, 14 x 20.....	4 00	Montreal Green Hides		Lard Oil, Extra.....	0 75 0 85
1 ".....	1 50 0 00	IC Charcoal, 14 x 20.....	4 50	" No. 1.....	0 07 ½ 0 00	" ".....	0 65 0 75
Sharp and flat pressed nails		IX Charcoal.....	5 50	" No. 2.....	0 06 ½ 0 00	Linseed, raw, nett.....	0 82 0 83
¾ inch and longer per 100 lbs.	1 35 0 00	XXX.....	6 25	" No. 3.....	0 05 ½ 0 00	" boiled, nett.....	0 85 0 86
2 ¼ and 2 ¾ inch.....	1 50 0 00	Terne Plate IC, 20x36.....	7 50 box	Tanners pay \$1 extra for		Olive, pure.....	0 90 1 10
2 and 2 ¼ ".....	1 65 0 00	Russ. Sheet Iron.....	0 10 0 00	sorted, cured & inspect'd		Extra, qt., per case.	0 00 3 70
1 ½ and 1 ½ ".....	1 85 0 00	Lion & Crown tin'd sh'ts..	0 00 7 50	Sheepskins.....	0 00 0 90	Turpentine, nett.....	0 54 0 55
1 ¼ ".....	2 50 0 00	22 and 24 gauge case lots	0 00 7 75	Clips.....	0 00 0 25	Petroleum:	
1 ".....	3 00 0 00	26 gauge.....	0 00 7 75	Lambskins each.....	0 00 0 25	Benzine.....	0 18 0 19
Coil Chain—No. 6	0 11 0 00	Lead: Pig, per 100 lbs; ..	3 70 3 80	Calfskins, No. 1.....	0 00 0 10	Gasoline.....	0 19 0 20
5.....	0 10 0 00	Sheet,.....	0 00 0 04 ½	" No. 2.....	0 00 0 08	Silver Star.....	0 14 0 15 ½
4.....	0 09 ½ 0 00	Shot, 100 lb., less 17 ½ p.c.	0 00 6 50	Horsehides.....	1 50 2 00	Imperial Acme.....	0 16 0 17
3.....	0 09 0 00					American W. W.....	0 18 0 19
¾ inch.....	0 07 ½ 0 00					Astral.....	0 18 ½ 0 19 ½
5-16.....	4 70 0 00						
¾.....	4 10 0 00						
7-16.....	3 35 0 00						

strong ale, the liquid emerges as vinegar, strong enough, we are told, to pickle "anything from an onion to an elephant!" This by no means concludes the process of manufacture, however. The liquid is now at a high temperature, so it is run into a simple but effective refrigerator, designed by Mr. Brodie, and formed of a series of shelves, each perforated, so that in passing through the top to the

bottom one, about 20 degrees of heat is extracted from the liquid. It is then conveyed into clearing or "fining" vats of great size, containing beech shavings, frequent passage through which assists in the clarifying process, and leaves the vinegar clear and bright. All that now remains is to run off the liquid into the gigantic storing vats situated on the ground floor, and which receive five different

qualities of vinegar. Incidentally it should be mentioned that the true natural colour of vinegar is about the shade of pale sherry; but the public have an idea that vinegar is only good and strong when of a dark brownish colour, and it has to be coloured accordingly in order to meet this prejudice. The works have a productive capacity of 18,000 to 20,000 gallons weekly, and the vinegar produced is

Fulled Raw Hide Belting AND Laces.

Every Description of LEATHER for Mechanical Purposes.

Card Clothing of all Kinds.

CHROME and Oak Tanned Picking Bands....

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

Edward Fairburn & Sons,

Caldervale Mills, BRIGHOUSE, Eng.

Special Terms to Canadians under the New Canadian Tariff.

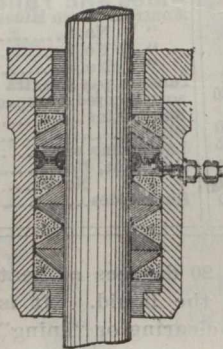
MONTREAL WHOLESALE PRICES CURRENT—THURSDAY, AUGUST 1, 1901.

Name of Article.		Wholesale.	Name of Article.		Wholesale.	Name of Article.		Wholesale.	Name of Article.		Wholesale.
		\$ c. \$ c.			\$ c. \$ c.			\$ c. \$ c.			\$ c. \$ c.
Glass.			Salt—Continued.			Capstan Cigarettes, 10s. 50s.			Ports—		
United inches, 00 to 25.....	0 00	2 10	Special Dairy, per brl.	2 00	2 50	Gold Flake, 10s, 50s.....	0 15	0 75	Tarragona.....	1 10	1 50
do 26 to 40.....	0 00	2 20	quarters	0 45	0 50	Three Castles, 10s, 50s.....	0 20	1 00	Sandeman.....	2 00	6 00
do 41 to 50.....	0 00	4 70	Spl Cheese Salt p bag 300 lb	1 25	1 50	Gold Tip, 50s, 100s.....	1 25	2 50	Warter & May's Ports gal.	2 10	6 50
do 51 to 60.....	0 00	4 95	Turk's Island per bush....	0 30	0 35	Gerth's Smoking, per lb....	0 00	1 50	Sherries—Per artin!	2 00	5 50
Paints, &c.			Tobacco—Cut Smoking.			Wool.			Wisdom & Warter's Sherries....		
Lead pure 50 to 100 lb. kgs.	0 00	6 25	No. 1 Black Chewing, cads	0 50	0 65	Canadian Washed.....	0 12	0 12	per gal.....	2 00	6 50
do No. 1.....	0 00	5 37	No. 2 do	0 59	0 00	North West.....	0 14	0 15	Clarets—		
do No. 2.....	0 00	5 50	Old Chum, in pkg., 10s and	0 00	0 32	Unwashed.....	0 08	0 00	St. Juliens.....	2 60	2 60
do No. 3.....	0 06	5 12	12s	0 00	0 82	Pulled, combing.....	0 00	0 00	Barton & Guestier.....	4 00	25 00
do No. 4.....	0 00	4 75	Old Chum, in tins, lbs. and	0 00	0 82	do super.....	0 00	0 00	Nat. Johnson & Sons.....	4 00	25 00
White Lead dry.....	5 50	5 75	½s	0 00	0 95	do extra.....	0 00	0 21	J. Calvet & Co.....	4 50	40 00
Red Lead.....	5 00	5 50	¼s	0 00	0 85	B. A. Scoured.....	0 25	0 35	Champagnes—		
Venetian Red Eng'h.....	1 75	2 00	Old Chum, 1-6 tins.....	0 00	0 85	Natal.....	0 16	0 16	Pommery, Filis & Co.....	28 00	30 00
Yel. Ochre, French.....	1 50	3 25	Puritan, in pkgs., 1-11s....	0 00	0 85	Cape, greasy.....	0 13	0 15	G. H. Mumm.....	28 00	30 00
Whiting, ordinary.....	0 45	0 50	do ¼ lb. tins.....	0 00	0 85	Chilian.....	0 12	0 13	Perrier, Jouet & Co.....	28 00	30 00
do Gilders.....	0 60	0 70	do 1 lb tins.....	0 00	0 83	Australian greasy.....	0 00	0 21	Brandies—Hennessy ..gal.	7 00	8 50
do Paris, do	0 85	1 00	Cut Cavendish, in pkg., 1-10s	0 00	1 00				1 Star.....	12 75	14 00
English Cement, cask.....	2 25	2 35	1-6s.....	0 00	1 00						
Belgian do.....	1 70	1 95	Durham, 1 lb. drums.....	0 00	1 00						
German do.....	2 30	2 50	Ritchie's Navy Cut, 1-5 tins.	0 00	1 05						
American do.....	2 25	2 50	do Smoking Mixture,								
Fire Bricks per 1000.....	15 00	22 00	¼ tins.....	0 00	0 95						
Fire Clay.....	1 50	1 75	Ritchie's Smoking Mixture,								
Rosin.....	2 75	4 50	1-10s.....	0 00	0 90						
Glue—			Unique, 1-15 pkgs.....	0 00	0 65						
Domestic Broken Sheet.....	0 13	0 15	do in pkgs., 1 lb.....	0 00	0 61						
French Casks.....	0 11	0 13	do in pkgs., ½ lb.....	0 00	0 60						
do brls.....	0 00	0 14	O. K. Mixture, in pkgs., 15s..	0 00	0 61						
American White, brls.....	0 16	0 20	Plug Tobaccos—								
Coopers' Glue.....	0 20	0 26	Ritchie's Derby Smoking,								
Golden Ochre.....	0 04	0 04	Solace, 3s, 8s and 16s.....	0 00	0 63						
Brunswick Green.....	0 04	0 10	Ritchie's Old Virginia Smoking								
French Imperial Green.....	0 12	0 16	ing Twist, 3¼s.....	0 00	0 70						
Genuine Quicksilver.....	0 90	0 95	Old Virginia Solace, 3¼s....	0 00	0 70						
No. 1 Furnit's Varn'h, pr. gl	0 65	0 70	Ritchie's Old Chum Chewing								
do do do	0 75	1 00	Solace, Thick and Thin 9s,								
Brown Japan.....	0 60	0 75	(6 lb. cads).....	0 00	0 67						
Black Japan.....	0 50	0 75	Standard, 9 1-3s, 6 lb. cads..	0 00	0 67						
Orange Shellac, No. 1.....	1 70	1 80	do Thin, 9s.....	0 00	0 67						
do do Pure.....	1 90	2 00	W. D. & H. O. Wills.								
White do.....	0 25	2 40	(E. A. Gerth, agent.)								
Patty Bulk 100 lb. brl.....	0 20	2 00	Westward Ho, ¼ lb. tins...	0 00	0 50						
Parisgreen in drum 1 lb pk.	18½	0 19½	Meridian (Cavendish ¼ lb.)	0 00	0 75						
Salt.			Traveller.....	0 00	0 50						
Liverpool per bag.....	0 40	0 45	Three Castles.....	0 00	0 50						
Canadian, in small bags....	2 10	3 00	Bristol Birds Eye.....	0 00	0 50						
Canadian, Quarters.....	0 27½	0 50	Capstan Navy Cut.....	0 00	0 50						
Factory Filled per bag.....	0 90	1 25									
do Quarters.....	0 27½	0 35									

distributed principally within a radius of about seventy miles from Leeds. Altogether their works seem admirably conducted, and the freedom of the vinegar from metallic impurities and adulteration of every kind has been testified to by Mr. N. Bradley, formerly an analyst in a Government office, after careful analysis, and by numerous others, private and official. Write for catalogue and special terms to Canadians under new tariff.

JOSEPH BOOTH AND BROTHERS.

Messrs. Joseph Booth and Bros., manufacturers of cranes and lifting machines of the Union Foundry and Iron Works, Rodley, Leeds, England, are desirous of introducing into the Canadian market the many styles of lifting machinery in which they are specialists. They are makers of cranes of all sorts, whether travelling, electric, overhead, wharf, forge and foundry, quarry, derrick, or warehouse cranes as well as of winches, hoists, boilers and engines, and steel works plant and machinery of all kinds. They are also makers of the Manchester electric motor, which has shown excellent results. This motor can be used equally well as a generator or dynamo. It has been very largely employed for various power purposes, amongst others, for cranes, hoists, pumps, fans, and various tools and machines in engineering workshops or other establishments where power is required at some distance from the main source. The motors are wound either as shunt or series machines, according to the nature of the work required.



BY ROYAL LETTERS PATENT.

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

ADAPTED FOR WATER AND STEAM.

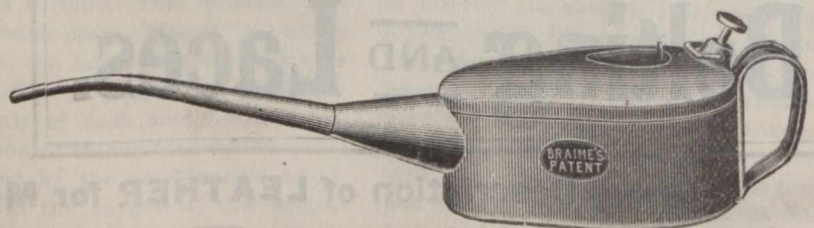
Used at the Sunderland Electric Lighting Station, South Shields Electric Lighting Station, and others with unqualified success.

All Orders will receive Prompt Attention.

THE... Harbinger Patent Elastic Metallic Packing Company, Albany Chambers, 63 King Street, SOUTH SHIELDS, England.

Telegraphic Address: "MICA, SOUTH SHIELDS."

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



Manufacturers of every description of AIR CANS, AIR 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 Air Feeders and Lamps, supplied to this dept. alone. Special terms to Canadian Buyers.

Telegraphic Address:
"ALEXSON, LEEDS."

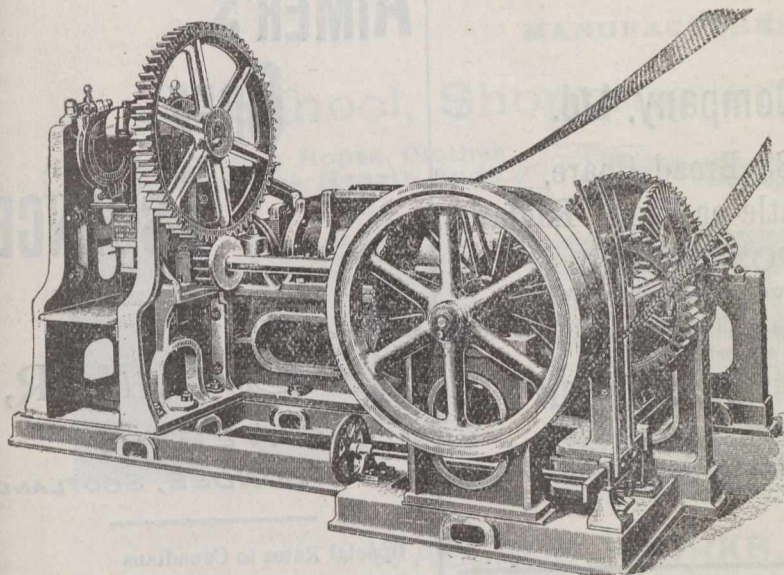
Brick, Tile and General Clay Working Machi- nery

Herbert Alexander & Co.

LIMITED.

Queen's Engineering Works

Water Lane,
LEEDS, Eng.



Patent Combined Stiff-Plastic Brickmaking and Pressing Machine.

The firm also manufacture stone and marble saw frames for cutting building stone, etc. They are worked by spear rods from the main shafting by cranks. The pillars are of cast iron planed on their wearing surfaces, and firmly secured to the foundations and roof principals. The frames are also of cast-iron, and connected together by massive cross bars, and provision made for receiving the spear rod and adjusting box, &c. The frames swing in radius rods connected at top, with a slide which works down the pillar; and each end has adjustable brass bearings. The loose heads are of wrought iron and adjustable and secured to frames by extra strong bolts. The feeding motion is worked by bevil and worm gearing, and arrangement is made to lift the frame up by power. Each frame is fitted with water box, dogs and cot- ters. The firm also draw attention to their patent boiler, which for economical and effective generating of steam, cannot be surpassed. The boilers are made of steel (best boiler quality). A large tube is fixed diag-

onally in fire box, the flame, after leaving fire-box, enters into a outer chamber, which is lined with firebrick, and makes three revolutions round shell of boiler before entering chimney, thereby utilizing all the heat, and economising fuel. In order to clean the flue chambers, there are small circular doors to admit a brush for this purpose. The boilers are made in the best possible way; the vertical seams are all double riveted. Manhole is strengthened by wrought-iron ring, riveted round the edge, and ample mud-holes are provided for cleansing. Every boiler is tested by hydraulic pressure to 160 lbs. per square inch, and by steam pressure to 80 lbs. per square inch before leaving the works.

T. RICHARDSON & SONS, LTD.

Messrs. T. Richardson & Sons, Limited, of Hartlepool, England, are manufacturers of the celebrated "Lockfast" iron propeller shafts for steamships. There is a consensus of opinion

amongst marine engineers that iron is an eminently suitable material for propeller shafts, but unfortunately it is frequently associated with the dangerous belief that the stereotyped expression of "best selected scrap iron," implies a material above suspicion. The difficulty in obtaining scrap iron is steadily increasing; the consignments usually consisting of a miscellaneous collection of every conceivable quality, in varying stages of corrosion. This has to be picked over, the serviceable pieces being selected and cleaned for the manufacture of forgings. These pieces are formed into a pile and welded into a slab, the slabs being reheated, and welded together to form the forging. The great danger lies in the presence of steel, which it is practically impossible to entirely eliminate, as only the closest examination can detect the difference between the two materials, and it is an undeniable fact that the presence of scrap steel amongst the scrap iron has been responsible for a great many failures of propeller shafts. To avoid this the Messrs. Richardson have in-

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,

Newcastle-on-Tyne, England.

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



"ODIC COMPOSITION"

Non-Explosive, Non-Poisonous.

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

"ODIC" PLASTIC CEMENT

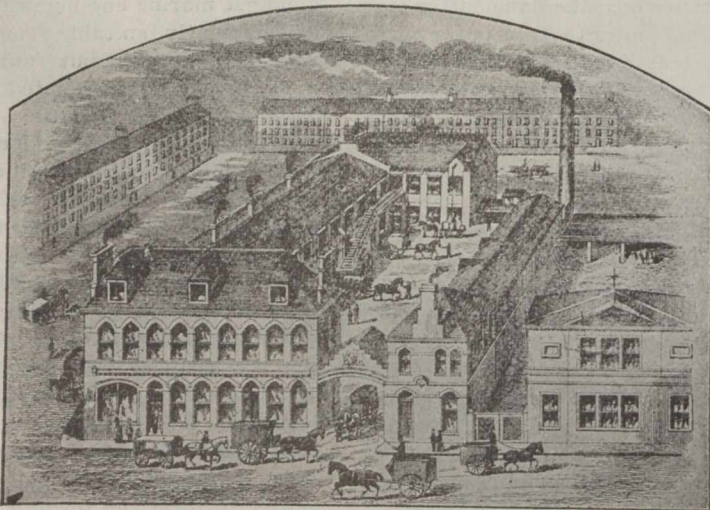
Non-Poisonous.

For Steam Joints, Boiler Seams, Etc.

AGENTS WANTED IN CANADA.

R. D. & C. J. CRUICKSHANK,

BISCUIT MANUFACTURERS,



[ESTABLISHED 1848.]

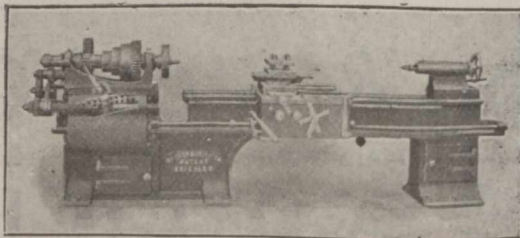
[ESTABLISHED 1848.]

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

vented the "lockfast" shafts forged from the best brands of iron on the lockfast principle which ensures intimate consolidation and minimises the danger of faulty manufacture. In these shafts the fibre of the iron is all in the one direction, and the maximum of strength and freedom from corrosion is thus obtained.

Morison's marine evaporators, manufactured by Thos. Richardson & Sons, Limited, are of two types—the Dome and the Radial. The Dome Evaporator was introduced in 1889, and the simplicity of its details rapidly brought it into favour, with the result that it is in successful use in about 700 steamships in all parts of the world. The design is in the form of a vertical cylinder, the lower part or base having attached to it the spiral coils arranged in pairs. The experience gained with this large number of evaporators resulted in the introduction in 1893 of the radial type, which embodies all the features which had been found necessary for the production of fresh water at a minimum cost in steam, and with the least expenditure of labour on the part of those in charge. The success of this design has been most marked. In fact the demand has so increased as to necessitate a special department being devoted to its manufacture. Morison's Radial Evaporator comprises a lower horizontally arranged water vessel provided with a vertical cylindrical extension forming a steam dome. The lower part of the vessel is fitted with a door which is swung by a pivoted arm, to which it is attached, into such a position as will enable the coils to be withdrawn. The heating coils are detachably connected to two horizontal tubes forming respectively the inlet for steam and the outlet for the resulting water of condensation. Each of these tubes is closed at its free end, and terminates at its other end in a cap mounted on a hollow plug, so

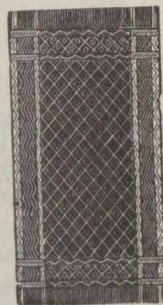
ALEX. B. CRICHTON & Co.

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)

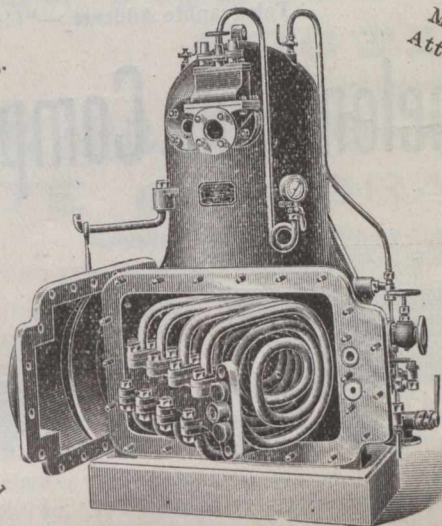
DUNDEE, - SCOTLAND.

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

that the tubes and the attached coils can be readily turned on the hollow plugs as centres, and so withdrawn from the vessel for cleaning purposes, and afterwards swung back again; these operations being effected without breaking the steam connections. Should it be desired to replace a dirty set of tubes with a clean set, two nuts are removed from the plugs, and the inlet and outlet tubes with all the attached coils are lifted off and the spare set lifted on. There are no flat-sided steam chests or jointed tube plates in this arrangement, all the parts subjected to boiler pressure being tubular, of brass and copper, and of the strongest and safest construction.

FAIRBANK BREARLEY,

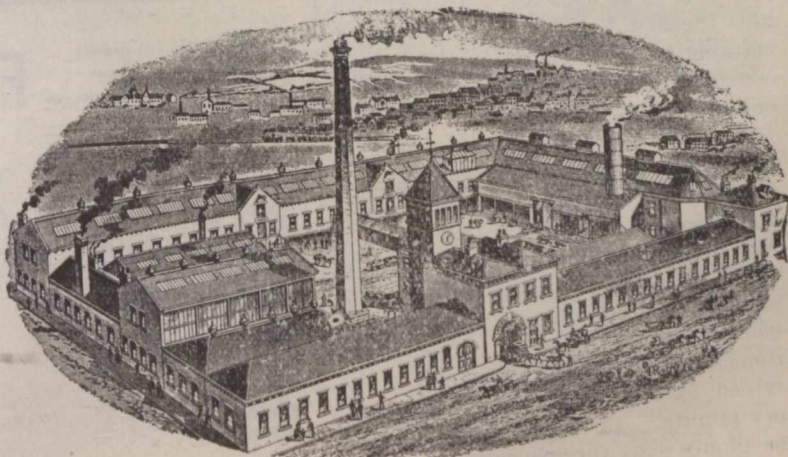
Fairbank Brearley, engineer, of the Central Engine Works, Shipley, Eng., is the name of a firm that was found-

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.

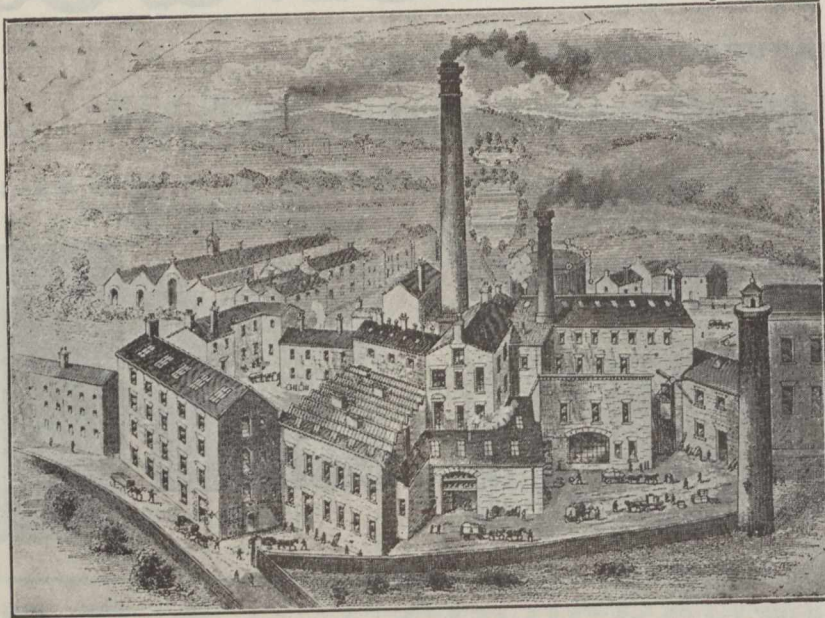
Contractors to His Majesty's Government--War Department and Admiralty.

Jos. Steel & Sons

MAKERS OF

Spiral = = Springs = =

For all Classes of Machinery & Engineering Work.



Harden Spring Yorks, near BINGLEY, Yorkshire, Eng.

Special terms to Canadians under the new Preferential Tariff. Telegraphic Address, "STEEL, BINGLEY!"

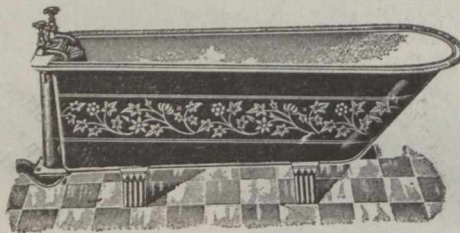
ed in 1820 and is recognized as one of the representative engineering firms of Great Britain. He makes a number of specialties that are appreciated by the trade. Among these are his self-contained "Economical" steam engine suitable to pressure up to 80 lbs., to the square inch, his improved disk crank horizontal steam engine for steam pressure up to 100 lbs., his improved horizontal steam engine for the same pressure, his tandem horizontal compound engine with horizontal condenser, his horizontal side-by-side compound slide valve steam engine, and his horizontal coupled compound engine. For those who prefer the Corliss principle he manufactures a horizontal high-pressure Corliss and a horizontal tandem compound condensing Corliss engine that is a triumph of engineering art. All engines are suitably packed and delivered free on board at Hull, Liverpool, London, or equal distances.

In ordering and inquiring prices for engines our readers should kindly give the fullest information possible in regard to the size wanted, boiler pressure, available speed, and what the engine is to be used for. This will enable the firm to offer the engine most suitable to requirements and will save considerable correspondence, besides enabling them to quote at once.

All horse powers given are those at which the engines will give the best result when working at the speeds and pressures stated. All engines will give much higher powers than those stated, at same speed and pressure, if desired, but they would not work quite so cheaply. A proportionate increase in power could be obtained by increasing the revolutions per minute. Photos or drawings will be gladly sent for inspection, and return, of any type of engine. Mr. Brearley is always willing to quote

Telegraphic Address :-"CAMELON," FALKIRK.

The Camelon Iron Company, Ltd.,



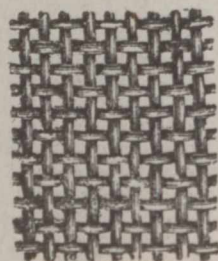
HOT WATER GOODS, RAIN WATER GOODS, GRATES, RANGES, HORTICULTURAL, AGRICULTURAL & BUILDERS' CASTINGS, GAS & WATER PIPES, &c.

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,

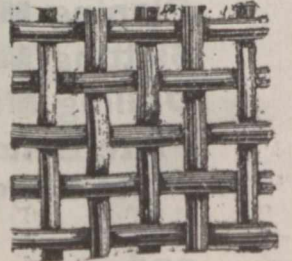
Manufacturers of all kinds of SCREENS
for Mining and other purposes . . .

RIDDLES, SIEVES AND
GENERAL WIRE WORK.

Illustrated Catalogues and estimates
free on application.

ESTABLISHED 1830.

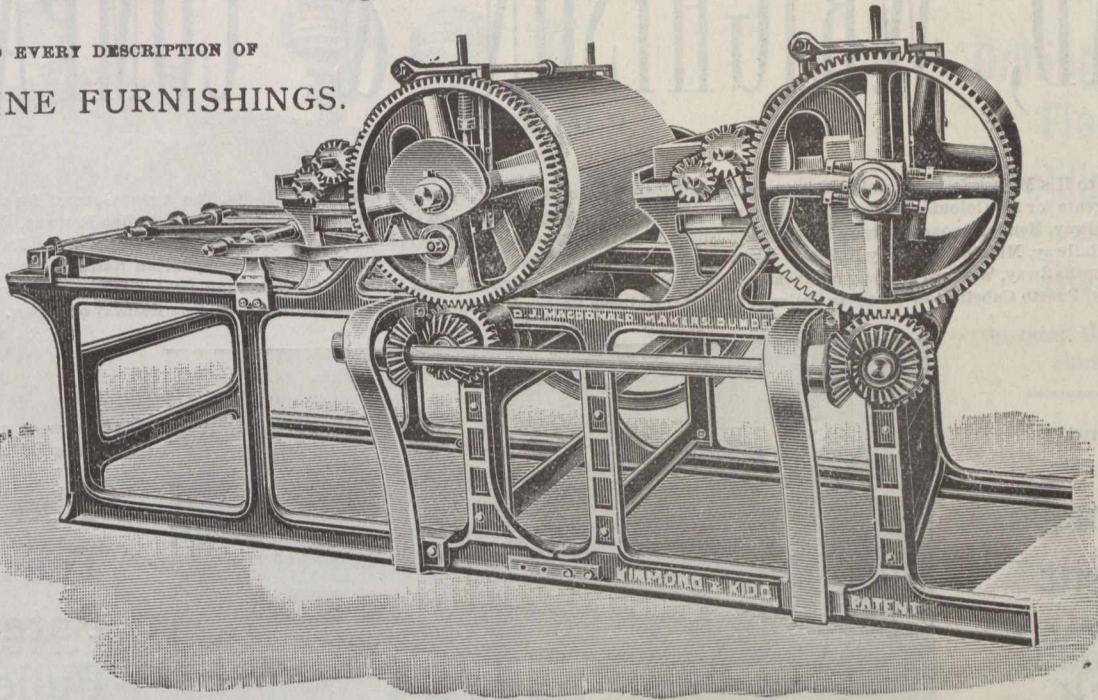
No. 4 by 4 of 11 g.



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

D. J. MACDONALD, **M. I. E.**
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.

for an engine to meet requirements, although it may not necessarily be in this catalogue. The workmanship and material of all engines may be relied on as being of the best of their respective kinds. These engines are largely used for all classes of work, including electric lighting, and give the greatest satisfaction to purchasers in all parts of the world.

PAUL DRACUP & CO.

Messrs. Paul Dracup & Co., of the West End Mills, Richmond Road, Bradford, Eng., are manufacturers of double and single lift jacquards, harness tiers-up, and of improved stamping, repeating, and piano machines for card cutting for use in textile mills. They have made a careful study of these machines, and have introduced into them all the latest and most modern improvements and inventions. They are anxious to cultivate Canadian trade and, as they can offer special inducements under the new tariff, our textile manufacturers and managers cannot do better than write to them for their catalogues, which contain most elaborate and artistic drawings of the various styles of machinery and equipment manufactured by the firm. In these days of rapid evolution no textile mill, whether it work on cotton, silk, or wool, can afford to be behind the times in

its equipment. It must keep abreast of the march of invention. And in no other way can its management keep itself more thoroughly posted on all that is novel and economical in the way of new appliances than by corresponding with a firm like Messrs. Paul Dracup & Co., who, from their position in the trade, are constantly in touch with everything that is latest and best in the textile machinery industry.

SLOAN AND DAVIDSON.

The attention of architects, contractors, builders and railway engineers is directed to the advertisement of Messrs. Sloan and Davidson, architectural, sanitary and general ironfounders which appears in this issue. The premises of this firm are the Carrick Foundry, 175 Kirkstall Road, Leeds, Eng., where architects' designs are carefully worked out. Their own specialties are rain water pipes and gutters, soil pipes and fittings, desk and seat standards for halls, seats, gardens, &c., palisading and gates, terminals and crestsings, lamp pillars and brackets, verandahs and balconies, spiral and straight stairs, stair balusters and newels, ornamental panels and gratings, floor and ventilating gratings, columns, brackets, and spandrils, windows and rooflights, and stable fittings. In addition they manufacture

covered ways, pavement lights, artistic iron band stands and park shelters, Coverings in glass and iron for station platforms are among their leading specialties.

The firm have issued a most artistic catalogue of fifty pages, profusely illustrated, of iron work manufactured at their foundries which no Canadian architect, contractor, or builder should be without. It is filled with half-tones showing types of the work they are turning out for public institutions and private dwellings and will well repay careful study. It will be sent on application to Canadian business and professional men interested in architectural and sanitary metal work. And, in view of the preferential tariff, the firm hope to be able to quote prices that will build up for them a satisfactory volume of trade with this Dominion.

THE WIGHAM SCINTILLATING
LIGHT.

Mr. John R. Wigham, of No. 35 Capel street, Dublin, Ireland, is the inventor of a new scintillating system of gas illumination for light houses which is well worth the attention of the Department of Marine and Fisheries, as well as of the Harbor Boards of our larger ocean ports, because it combines the great power of the revolving light with the continuous visi-

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

London Office:
5, VICTORIA STREET WESTMINSTER.

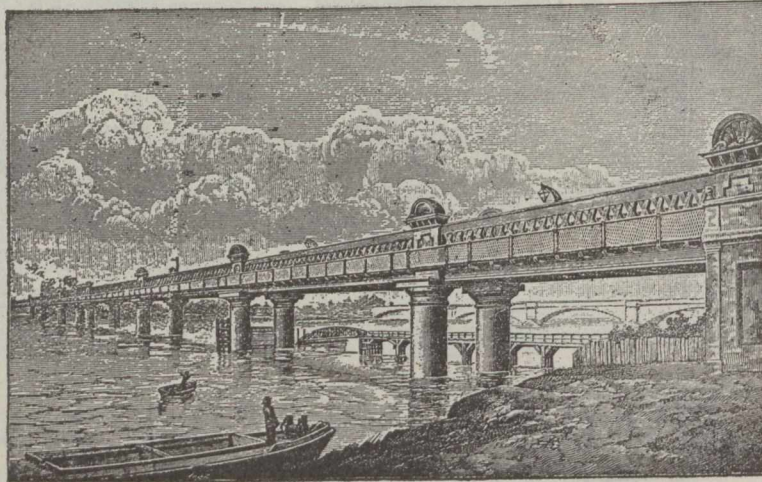
HEAD, WRIGHTSON & COMPANY.

(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 Doonars 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, Algeciras 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.**



PUTNEY BRIDGE, OVER THE RIVER THAMES, LONDON.

Patentees and
Makers of

**'The
Teesdale'
Patent
Pulley
Block.**

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

Kistna Bridge, Empress Bridge (Indian State Railways); Orange River Bridges, Klang River Bridge, Baaken's River Bridge, Sunday River Bridge, Vaal River Bridge (Cape Government Railways); Ibicuy Viaduct, Imbahia Bridge, (Brazilian Great Southern Railways); Encarnacion Viaduct (Mexican 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.

bility of the fixed light. Sailors always desire the great power which the revolving light gives, but for the purpose of taking bearings, etc., they like a light that never leaves the eye.

In Mr. Wigham's invention the source of light consists of a ring—some 13 inches in diameter—of 16 large incandescent gas lights, with one or more similar burners in the centre of the ring, the naked mantles attaining their full brilliancy without any chimney draught. Round this burner annular lenses of large size are caused to revolve at a rate of one complete revolution in four seconds. Thus the interval between the flashes is so short at this high speed of rotation that the light is never extinguished and resembles a bright scintillating star. This striking characteristic of

the light is no doubt in part due to the large diameter of the ring of burners, which forms the source of light, whereby a certain divergence of rays uniform in all azimuths is produced by each annular lens. The rapid rotation of the lenses blends these divergent rays into a continuous beam, with superposed scintillations caused by the more powerful parallel rays from the lenses. The effect produced on the eye is a series of shocks, that at once arrests attention, and closely resembles the effect produced on the ear by a series of rapid musical "beats." By a proper arrangement of the lenses, or by an automatic raising or lowering of the light, "group flashing" is rendered easy, and thus the name of the lighthouse may be indicated in the Morse code.

"UP AGAINST IT."

All sorts of luck in this world. While on the train last week, says a writer in Hides and Leather, I got talking with a prosperous business man who surprised me by his recital of experiences of misfortune. To use his own words, he had been "up against it," but had won out.

The sentence was odd but fitting.

"Up against it."

I fell to thinking and began recalling the ups and downs in the careers of business friends.

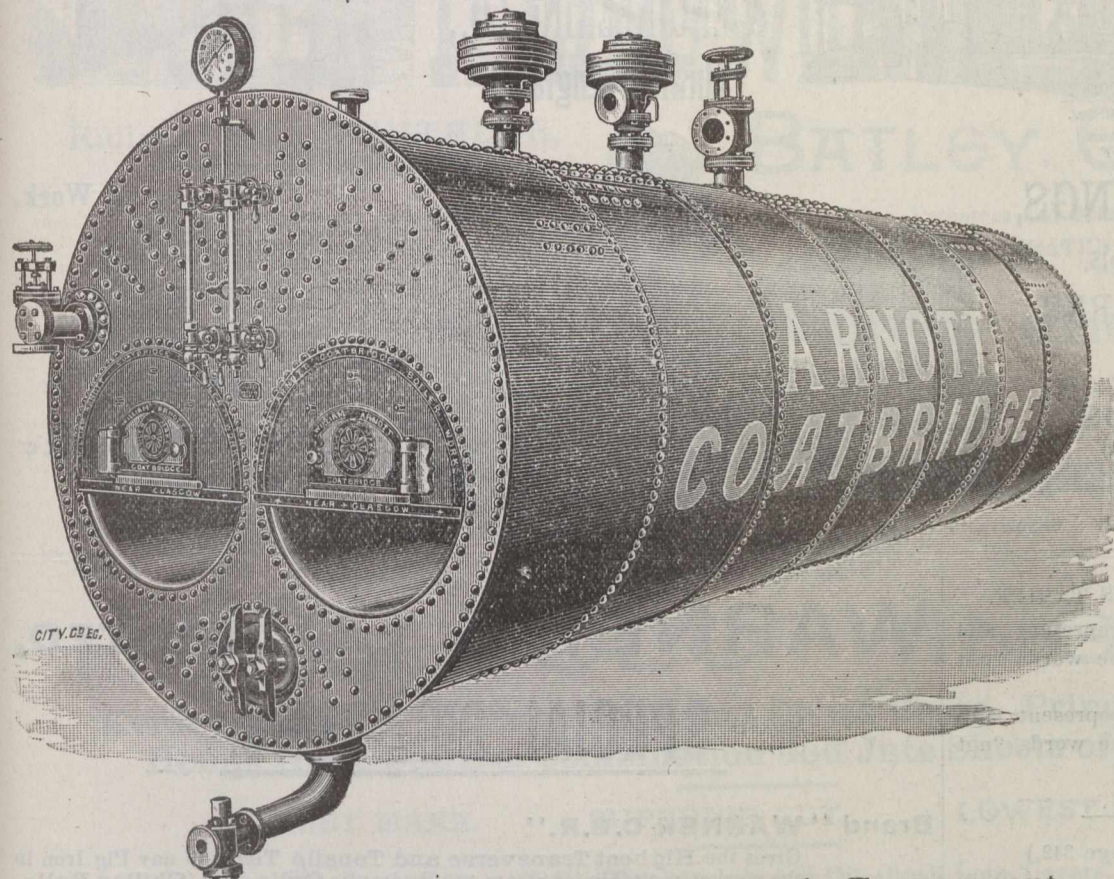
One merchant whom I knew in Wisconsin was burnt out. Being only lightly insured he realized that he was distinctly up against it as far as

ESTABLISHED 1870.

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

HIGH-CLASS LANCASHIRE & CORNISH ... BOILERS

Up to 200 lbs. Daily Working Pressure.



◆◆◆◆◆◆◆◆◆◆
**Drilling,
 Flanging,
 Welding**
 AND
Rivetting

By most Modern Ma-
 chinery.

Always a number of

**High-class
 BOILERS**

IN
STOCK

OR IN
PROGRESS.

Productive Capacity—
 Three Boilers per week.
 Crane Powers—80 Tons.

◆◆◆◆◆◆◆◆◆◆

Contractors to Her Majesty's Government.

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

the future was concerned.

Without losing time, however, he at once took vigorous steps to begin again. His very enthusiasm was contagious and the credit asked for was given, as he was much in earnest. And he not only won back his losses but did better than ever before.

Circumstances were not too much for him. It was he who was too much for circumstances.

Another man in Ohio, however, was up against it in a different way, but instead of plucking up courage he backed down and stayed down.

Nothing new for people to be up against it. Merchants and manufacturers, large and small, know that the business current will not always be in their favor. Fat years and lean years, Successes and failures. The great point is never to lose heart or courage. In Lancashire, England, when men become intoxicated with good fortune the people say "they can't carry corn."

A man may be called into the private office and discharged without notice. A batch of shoes, or leather may prove, when finished, to be faulty and not worth half what they cost to make. Payment of a note for money, badly needed, may be postponed or refused. Cash overdue may be kept back until the creditor is forced into bankruptcy. A sickness may paralyze the efforts of those who, if well, would

have no difficulty in gathering wealth.

All this means being up against it. The chapters of life thus mentioned are not new. No one of any experience, however, expects fair sailing all the time. Among pleasant summer days will be sprinkled days of blistering heat, and bright and snappy winter months often contain periods of intense severity.

We can be up against it in many ways but we need not stay there. Many people cross bridges before they come to them; and, in their minds, are up against all kinds of things all the time.

Live careful lives; eat moderately; sleep sufficiently; don't overwork; do your duty to your neighbor and cultivate mental poise and you will be in training all the time for being against it or away from it, with equal indifference.

Be prepared for emergencies. Don't mortgage your future because it is beginning to shine. Don't take too much for granted. Better keep an idle balance in the bank for possible financial breakdowns rather than scatter your interests and be thus defenceless for the storms which often come from skies that seem clear.

If you have not read "Self Help" by Smiles, do so by all means. It is a book full of examples of men who were up against it. It shows what may be done by refusing to recognize

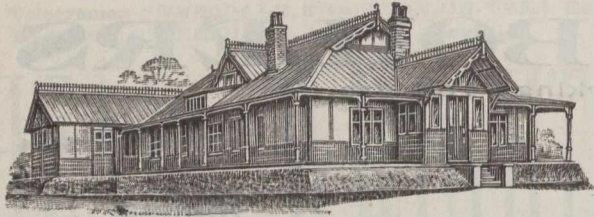
possible defeat or to admit discouragement.

The world respects a fighter. After all, it is not such a very great hardship if men have to pick smaller houses for home and business than what they were used to. Things are not so bad but that they might have been worse. As gold is tried by fire so are men and women tried by defeat.

The markets do not always come our way and for that reason it is unwise to stake too much on the turn of quotations. Better be sure than sorry. The man who lacks care and caution in his efforts is liable to find himself adrift in rough seas. In other words, he is up against it.

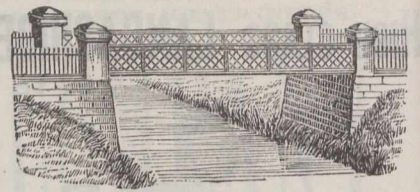
The wise old birds in the business world have all been up against it in one way or other in their day, but they learn from experience and in their youth were probably stiff fighters who absolutely refused to consider themselves beaten, and who smiled with grim determination in the face of apparently inevitable repulse.

We are what we make ourselves and there are very few who escape the pricks. There are methods of self-protection and it should cheer and stimulate us to find that if a storm breaks that we have been able by forethought to sit back complacently and discourse on the philosophy of being up against it.

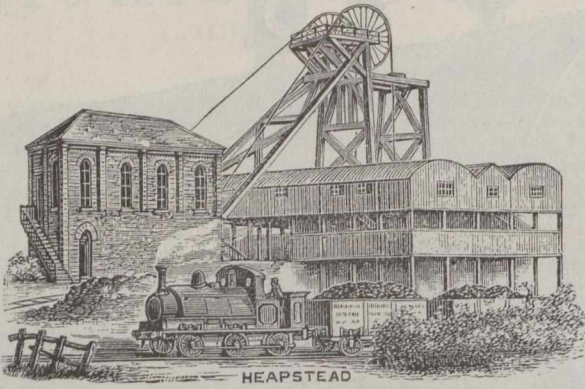


BUNGAL OW.

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



MANUFACTURERS OF
IRON BUILDINGS,
Churches, Schools,
HOSPITALS, BARNES,
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

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 342.)

Clipping Machines, portable, see Machines; Clippers, toilet and horse, 30 p.c.; Clock Keys, 25 p.c.; Clocks, see Settlers' Effects; Clocks, 25 p.c.; Clock movements, 25 p.c.; Clock springs, steel for, see Corset steel in Steel; Cloaks, ladies' waterproof of india rubber surfaced, 35 p.c.; Cloaks of fur, 30 p.c.; Cloaks, N.E.S., see Clothing; Cloth Lines, see Wire Rope in Wire; Clothes Wringers for domestic use, and parts thereof, 35 p.c.; Cloth, altar cloth, dutiable as church vestments, 20 p.c.; Cloth, coated or flocked, &c.; see item Oil Cloth; Cloth Lasting Mohair, or other cloth, for buttons, see Lasting, etc.; Cloth, tracing cloth, 25 p.c.; Cloth, Tape, rubber coated, etc., see Tape; Cloth, bookbinders' cloth, free; Cloth, Art Book, Yankee Vel-

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.

lum Book Cloth, same as Bookbinders' Cloth, free; Cloth, Tennis Cloth, Cotton, colored, 35 p.c.; Cloth, jute cloth, uncoloured and not otherwise finished than bleached or calendered, 10 p.c.; Cloth, jute for, see Jute;

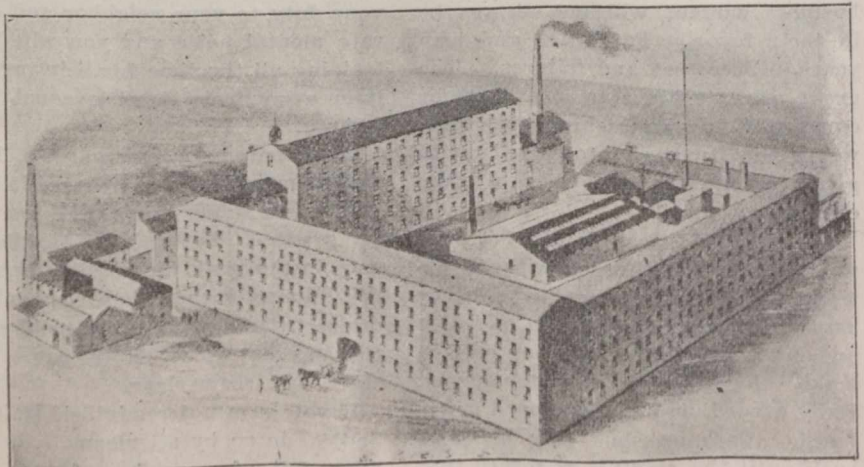
Cloth, jute cloth, N.E.S., 25 p.c.; Cloth, jute cloth, as taken from the loom, &c., see Jute, &c.; Cloths, Wool, N.E.S., 35 p.c.; Cloths, not rubbered or made of waterproof, whether of wool, cotton, unions, silk or

Barker & Moody,
Leeds, Eng.

Manufacturers of

FLANNELS,
WOOLLENS,
SHIRTINGS,
and **GARMENTS,**

For Canadians under the New Preferential
Tariff.



Perseverance Mills, Leeds, Eng.

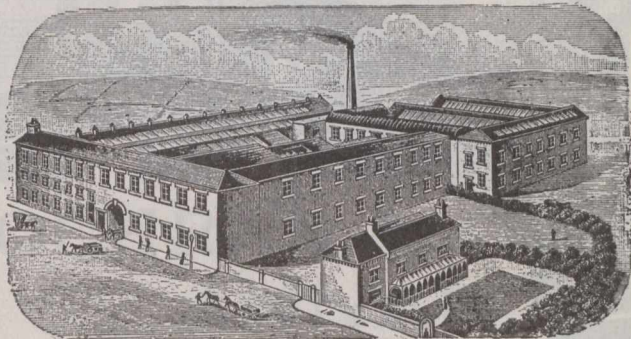
Telegraphic Address: "PURIFIER, BATLEY."

ESTABLISHED 1866

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

NONE BUT THE TRADE SUPPLIED.

PRICES ON APPLICATION.

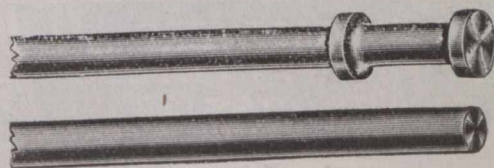
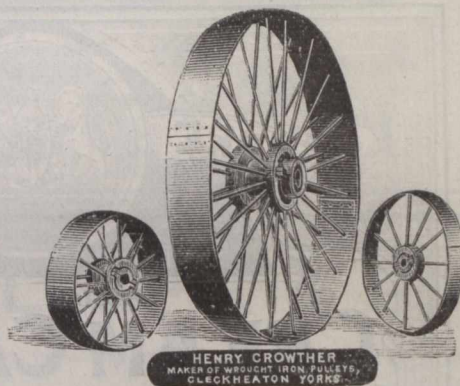
Wrot.-Iron Pulleys.

Bright Steel Shafting.

Lists sent Post Free
on Application.

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

Telephone
43.



HENRY CROWTHER,

Rolling Mills,
Cleckheaton,
YORKS, ENGLAND.

Special Terms to Canadians under the New Tariff.

ramic, sixty inches or over in width, and weighing not more than seven ounces to the square yard, when imported exclusively for the manufacture of mackintosh clothing, under regulations to be adopted by Governor-in-Council, 15 p.c.; Cloths, Italian, as colored cottons, 35 p.c.; Cloth, hair cloth, all kinds, 30 p.c.; Cloth, oil cloth, see Oil Cloth; Cloth, wire cloth, brass or copper, 25 p.c.; Cloth, wire cloth, iron or steel, 30 p.c.; Cloth, tray cloths, see Damask; Cloths, table cloths of linen or cotton damask, colored or not, 30 p.c.; Cloth, table oilcloth, see Oilcloth; Clothing, wool, N.E.S., 35 p.c.; Clothing and apparel of British subjects dying abroad, see Apparel, &c.; Clothing, underwear, 35 p.c.; Clothing, knitted of all kinds, N.E.S., 35 p.c.; Clothing, Cotton, N.E.S., 35 p.c.; Clothing, Linen, N.E.S., 35 p.c.; Clothing, India Rubber and Clothing made waterproof with India Rubber, 35 p.c.; Clothing, silk, N.E.S., 35 p.c.; Clothing, horse clothing of lute shaped or otherwise manufactured, 30 p.c.; Clothing, horse, of other material, N.E.S., 35 p.c.; Cloth-

R. & S. BAXTER

OFFICE ADDRESS:
81 Murrigate, DUNDEE, SCOTLAND.

TEL. ADDRESS:
FARINA, DUNDEE

WORKS:
Commercial Court.

MICA

IMPORTERS AND MANUFACTURERS OF MICA
For All Purposes.

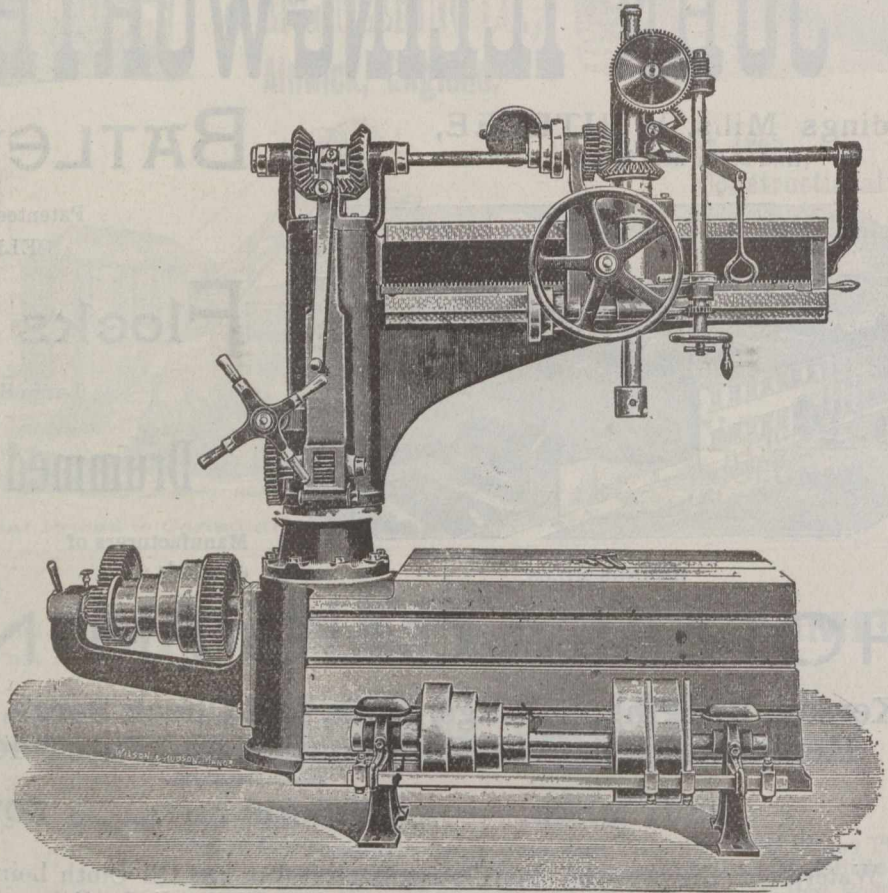
Large Stocks at our Stores in Dundee, of Ruby, Clear and Clouded. Regular shipments received direct from the mines.

CONTRACTORS TO HIS MAJESTY'S GOVERNMENT.

ing, donation of, for charitable purposes, free; Clothing, shirts, 35 p.c.; Clothing, fur coats, cloaks, etc.; 30 p.c.; Clothing, imported by and for use of the army and navy, see "Articles" for army and navy; Clothing, military, see Articles imported by Dominion Government; Clout Nails, wrought iron and pressed, see item Nails; Clover seed, see Seeds; Clover Tops, when imported for medicinal purposes only, free; Coach or lag screws, see Screws; Coal, anthracite, free; Coal, bituminous, round and run of mine, per ton of 2,000 lbs., 53 cents; Coal, N.E.S., 53 cents per ton of 2,000 lbs.; Coal dust, anthracite, free; Coal, bituminous slack coal, such as will pass through a half-inch screen, subject to regulations to be made by the Minister of Customs, 20 p.c., but not to exceed 13 cents per ton of 2,000 lbs.; Coal oil and kerosene, distilled, purified, 5 cents per I.G.; Coal oil, or other oil fixtures and metal parts thereof, 30 p.c.; Coal and pine pitch and coal and pine tar, in packages of not less than 15 gallons, free; Coal and pine pitch and coal and pine tar, other, N.E.S., 20 p.c.; Coal tar dyes, see Aniline Dyes, &c.; Coalitine, 25 p.c.; Coatings, wool, 35 p.c.; Coats, fur, 30 p.c.; Coats, other, see Clothing; Cobs, corn, 20 p.c.; Cobalt, ore of, free; Cobalt, oxides of, free; Cocoboral wood, see Wood; Cocks and valves to pay according to material; Cochineal, free; Cocoa and cocoa butter, 4 cents per lb.; Cocoa cola, (an article used with soda water as a flavoring for summer drinks and containing not more than 25 p.c. of proof spirits), 60 cents per gal.; Cocoa matting and mats, 25 p.c.; Coconuts, imported from place of growth by vessel direct to a Canadian port, 50 cents per 100; Coconuts, N.E.S., \$1.00 per 100; Cocoa shells and nibs, chocolate and other preparations of cocoa, N.E.S., 20 p.c.; Cocoa paste, chocolate paste, cocoa and cocoa butter, N.O.P., 4 cents per lb.; Coconut, dessicated, sweetened, or not, 5 cents per lb.; Coconut oil, in its natural state, free; Coconut oil, N.E.S., see Oils; Cocoa Bean, not roasted, crushed or ground, see Beans, free; Cod oil, from Newfoundland, free; Cod oil, N.E.S., 20 p.c.; Cod Fish, see Fish; Cod-liver oil, N.E.S., 20 p.c.; Coffee, condensed coffee, 30 p.c.; Coffee, condensed with milk or cream, 30 p.c.; Coffee, green, imported direct, see item Tea; Coffee, green, N.E.S., 10 p.c.; Coffee, roasted or ground, when not imported direct from the country of growth and production, 2c per lb. and 10 p.c.;

GEORGE SWIFT,

Claremont Iron Works, HALIFAX, ENGLAND.



IMPROVED 5-FT. RADIAL DRILLING AND TAPPING MACHINE.

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

MOORE BROS.
SOLE PROPRIETORS
SPECIAL EXTRA
CREAM CARAMEL
MANUFACTURED BY PATENT PROCESS
No. 25314
HALIFAX
ENGLAND

2oz 1/2

JOHN STONES,

Shiffnall Mill,

BOLTON, Eng.

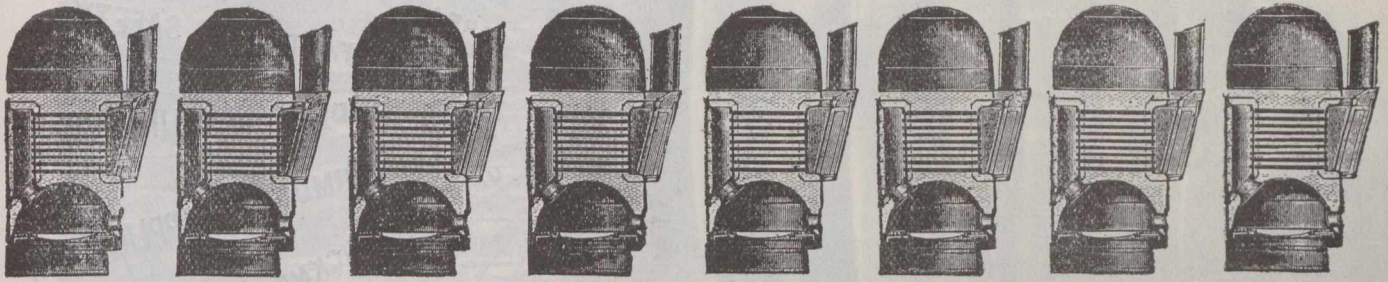
Dress and Blouse Materials, Bleached and Unbleached Cottons, Prints, &c.

Also handles a Big Line of Goods, slightly damaged in process. These are valuable to Departmental Stores, under the New Canadian Tariff.

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 & FINISHERS

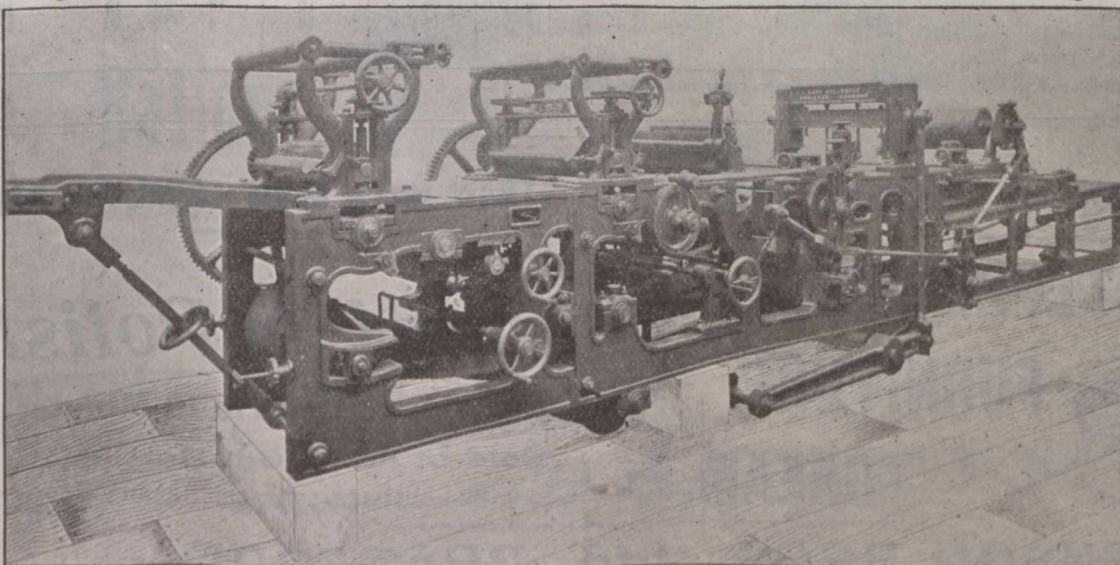
CHARLES ST. ST. ROLLOX
GLASGOW SCOTLAND

TELEGRAPHIC ADDRESS
RUSSEL-GLASGOW

PLUMBERS
FITTINGS
SANITARY
OF WORK
ALL KINDS

ANDREW GILLESPIE & SONS, ENGINEERS

New and Improved Combined Biscuit Cutting Machine.



A New, Improved Combined Hard and Soft Dough Gauging, Cutting, Scrap-separating, and Panning Machine. Roller size, 24 in. x 8 in. This Machine is entirely new, and an improved pattern, of extra strength and power, and is adapted for cutting all kinds of hard, soft, fancy biscuits, etc. A number of very important improvements having been introduced. The Gauge Rolls are of increased diameter. A set of Conical Driving Gear for regulating their speeds. A Scraper has also been devised for cleaning the Web. By a new arrangement, the adjustment of the Skip Motion is also simplified. An important improvement has been effected in perfecting the delivery of the Skip. A Roller is provided for pressing the Cutting Canvas to Canvas Roller. The Ratchet Wheels are moved by double Pawls, the one slightly in advance of

the other. The whole of the Ratchet Wheels are fitted with our Automatic Silencer. All the reciprocal movements of the machine are regulated by Hand Screws acting independently on each quadrant. All the working parts of the machine are fitted with best gun-metal bushes. The entire get-up of this machine is of the strongest and most substantial character, and all the details are of the most approved kind. Every opportunity of adding improvements has been accepted, while no device that could add to the usefulness of the machine has been neglected. The workmanship and materials are of the best class. We manufacture the above machine in different sizes, prices and particulars will be sent on application. Enquiries solicited for our Dough Mixing Machines, Brakes, Travelling Ovens, and other Bakery appliances.

SMITH STREET, KINNING PARK, GLASGOW, SCOTLAND.

Special prices to Canadians under 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.

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.

Coffee, roasted or ground, N.E.S., including acorn nuts, 2 cents per lb.; Coffee, all other substitutes for and imitations of, N.E.S., 2 cents per lb.; Coffee, extract of N.E.S., or substitutes therefor, of all kinds, 3 cents per lb.; Coffee mills, to pay according to material; Coffee roasters, to pay according to material; Coffins and metal parts thereof, 25 p.c.; Coins, cabinet of, collections of medals and of other antiquities, including collections of postage stamps, free; Coins, silver coins of the U.S., 30 p.c.; Coins, gold and silver, except U.S. silver coins, free; Coins, base or counterfeit, importation prohibited; Coils for refrigerating plants, 30 p.c.; Coir and coir yarn, free; Coke, free; Collar buttons of gold or silver, jewellery, 30 p.c.; Collar buttons, N.E.S., see Buttons; Collars of all kinds, N.E.S., 35 p.c.; Collars, ladies, embroidered, 35 p.c.; Collars, lace collars, 35 p.c.; Collars for lamps, see item Lamps.

(To be Continued.)

STOCKS AND BONDS—INSURANCE COMPANIES—CANADIAN.—Montreal Quotations July 29, 1901.

NAME OF COMPANY.	No. Shares.	Last Dividend per year.	Share par value.	Amount paid per Share.	Canada quotations per ct.
British American Fire and Marine.....	15,000	3½-6mos.	250	\$50	107½
Canada Life.....	2,500	5-6mos.	400	50	....
Confederation Life.....	10,000	7½-6mos.	100	10	....
Western Assurance.....	25,000	5-6mos.	40	20	113½
Guarantee Co. of North America.....	13,372	6	50	50	....

BRITISH AND FOREIGN.—Quotations on the London Market, July 20, 1901. Market value p. p'd up sh.

Alliance Assur.....	250,000	8s. p.s.	20	2 1-5	9½	9½
Atlas.....	24,000	24 p.s.	50	6	£24½	£26½
British and Foreign Marine.....	67,000	25	20	4	17½	18½
Caledonian.....	21,500	12s. p.s.	25	5	....	36 7-1
Commercial U. Fire, Life and Marine.....	50,000	27½	50	5	45	46
Guardian Fire and Life.....	200,000	9	10	5	8½	9½
Imperial Fire.....	60,000	25	20	5	22½	23½
Lancashire Fire.....	136,493	5	20	2	3½	3¾
Lion Fire.....	100,000	3	10	1½	½	¾
London and Lancashire Fire.....	85,100	22	25	17	17	18 ½
London Assurance Corporation.....	35,862	20	25	12½	49	50
London & Lancashire Life.....	10,000	10	10	2	8	8½
Liv. & Lon. & Globe Fire and Life... 391,752	90	8t.	2	48½	44½	44½
Northern Fire and Life.....	30,000	*22½	100	10	73	75
North Brit. & Merc. Fire and Life... 110,000	30s. p.s.	25	6½	36	37	37
Norwich Union Fire.....	11,000	*33½	100	12	110	113
Phoenix Fire.....	53,776	35	50	5	£36½	£37½
Royal Insurance Fire and Life..... 125,244	58½	20	10	47½	48½	48½
Sun Fire.....	240,000	8s 6d p.s.	10	10	10	10½
Union.....	45,000	18 p.s.	10	4	20	21

*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.

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.

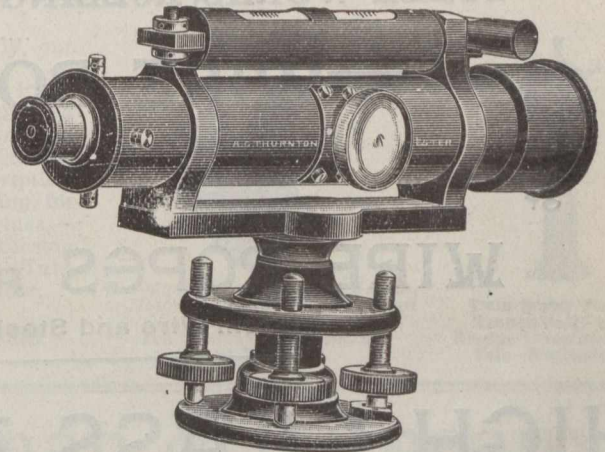
No. 5149. Same Set in Square Polished Walnut Case, with lock and key. Complete and extra, 4 1/4 inch. Jointed Drawing Pen.

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,

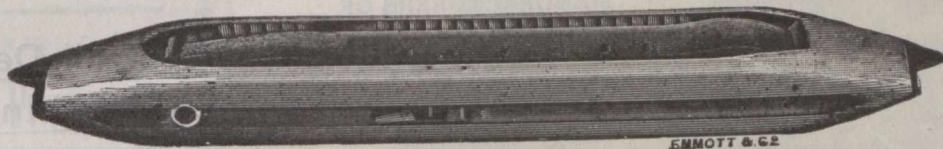
Practical Manufacturer. Exclusively Trading in this Branch.
99 St. Mary's Street, - MANCHESTER, ENG.



Agent for Canada: **E. A. BAYNES, 204 St. James St.,**

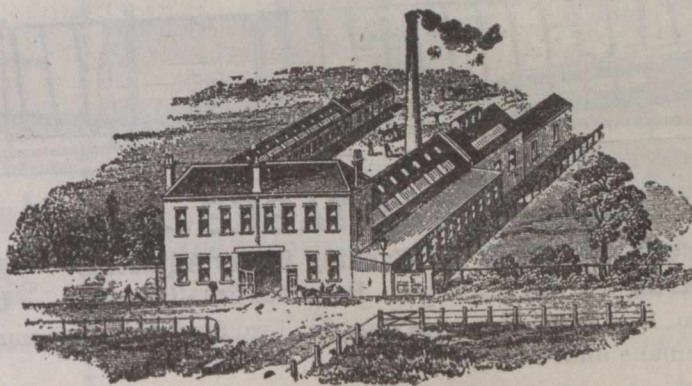
Montreal, Que.

Telegrams,
SHUTTLE,
DUNDEE.



ESTABLISHED
1853

**McGregor
&
Balfour,
LTD.,**



Shuttle, Bobbin,
Picker Spring and
Spindle
Manufacturers.
Leather Factors,
Mill, Factory and
Engineers'
Furnishers.

NORTH TAY WORKS.

DUNDEE, SCOTLAND.

INSURANCE, BANK and COMMERCIAL

PRINTING ✦

Receives our Special Attention.

JOURNAL OF COMMERCE,
171 St. James Street MONTREAL.

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. — Bettelheims Buildings,
Symond Street.

SYDNEY, N.S.W.—Vickery's Chambers, Pitt Street.

Registered



Trade Mark.

TELEGRAMS: CRADOCK WAKEFIELD.

A.B.C. & ENGINEERING CODES USED.

AGENTS FOR CANADA

WINN & HOLLAND, = Montreal.

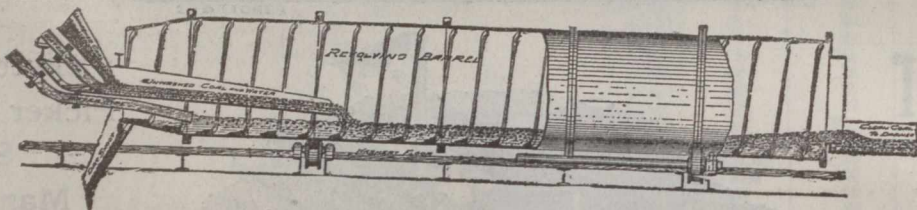
Mulholland, Maugham & Co. Ltd., West Cornforth,
Co. Durham, England.

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.

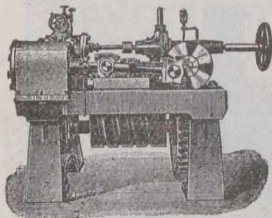
Contractors To The Admiralty.

DONKIN & CO.,

St. Andrew's Works,

Newcastle-on-Tyne, England.

Patentees and Makers.

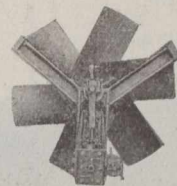


Patent Horizontal Steam Steering Gear.

These Cuts represent, only partially, our Specialities.

We have always IN STOCK, or IN PROGRESS, Patent Steam only, and Combined Hand and Steam, Steering Gears. Patent Ash Hoisting Engines. Mechanical and Electric Telegraph and Alarm Gear, of every description. Fans and Engines, Blowing and Exhausting, for various purposes. Coal-whipping Engines,—Vertical and Horizontal.—Patent Rapid Closing Watertight Doors. Electric Bell and Voice Tube installations. Patent Boat Detaching Gear.

Steamers' Auxiliary Machinery Designed for Special Requirements.



Combined Air Propeller and Engine, or Motor, for Ventilating Transport and Emigrant Ships, and for General Ventilating and Drying.



Twin Screw Reply Transmitter, with Engine Direction Tell Tale—Mechanical.

Dominion Paper Co'y

134 MCGILL STREET;

MONTREAL.

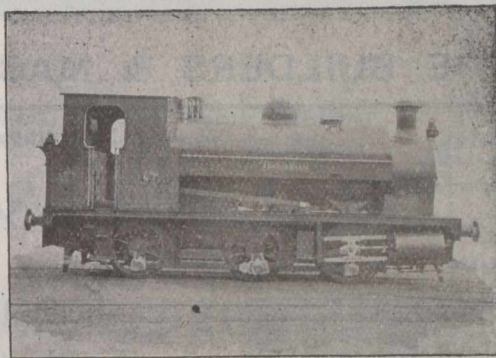
Mills at Kingsey Falls, P.Q.

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,

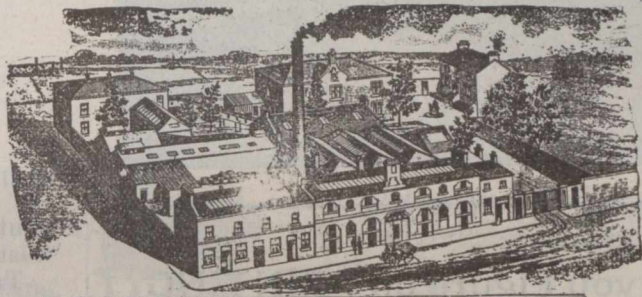
GATESHEAD-ON-TYNE, ENGLAND.

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.

Special terms to Canadians under the New Tariff.



DUNDEE AND ARBROATH CONFECTIONS AND PRESERVE MANUFACTURING COY LTD.

...MANUFACTURERS OF...

Jams, Jellies, Confectionery, Marmalades, and Ganded Peels.

All Communications to be addressed to Arbroath, Scotland.

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.

Caverhill, Learmont & Co.,

Wholesale HARDWARE & METAL MERCHANTS

Caverhill's Buildings St. Peter St.,

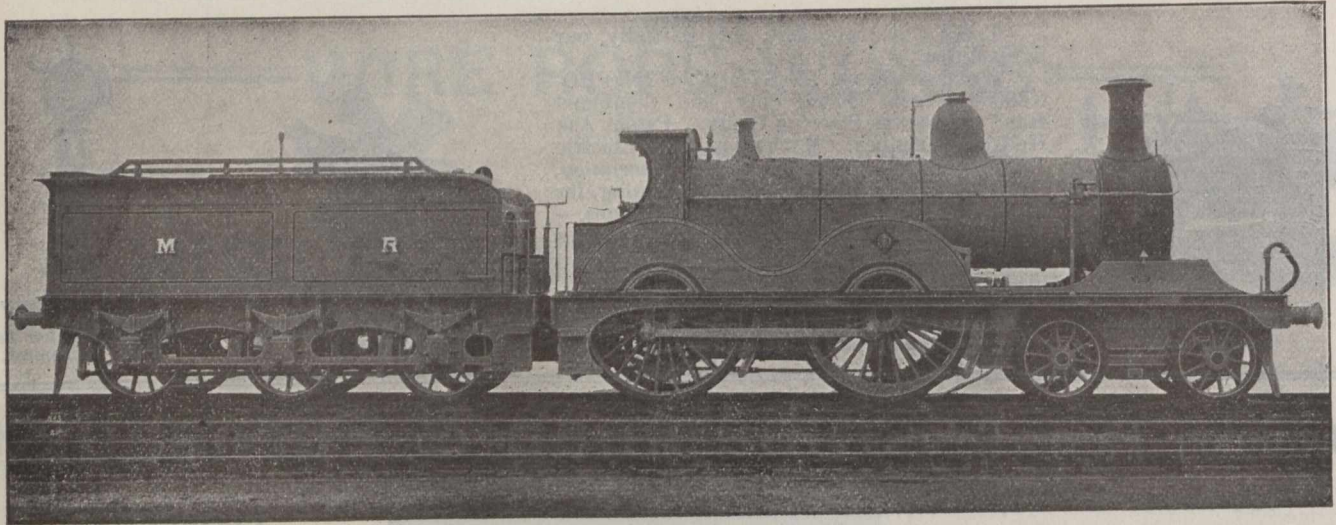
MONTREAL

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

Telegraphic Address :—" LOCO., GLASGOW."

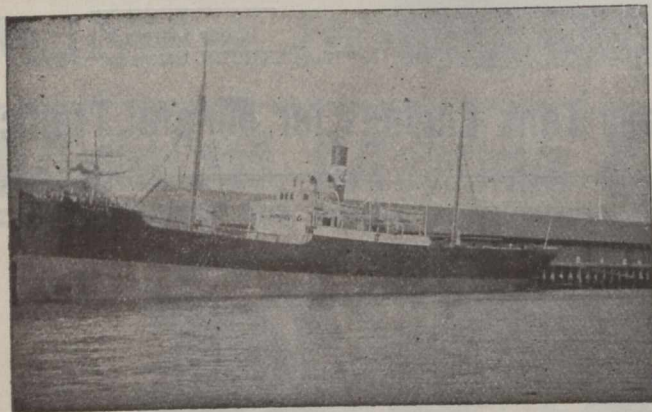
SHARP, STEWART & CO., LTD.

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.



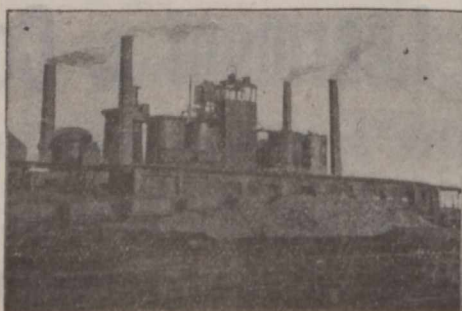
**When you Figure on PRINTING
 FIGURE ON US.**

JOURNAL OF COMMERCE JOB DEPT.

Telegrams, NORMANBY.

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

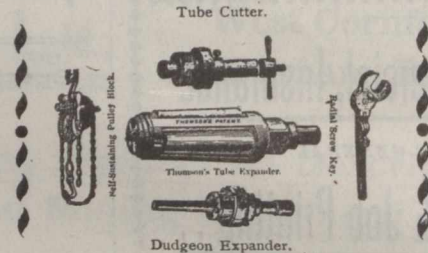
Normanby Iron Works, Middlesbrough, England.
 Brand HEMATITE "N. H. H."



Telegraphic Address :—" EXPANDERS, GLASGOW."

William Thomson & CO.,

General Engineers and Smiths,
 57 Smith Street, KINNING PARK,
 Glasgow, Scotland.

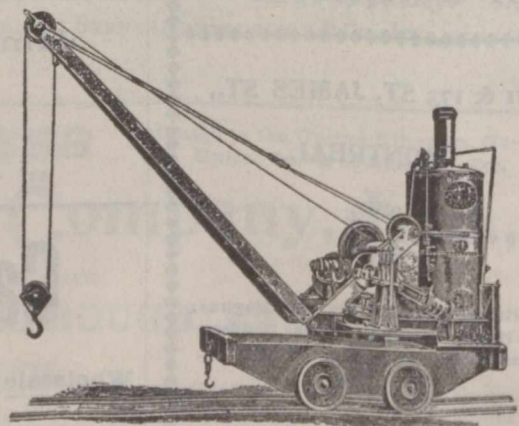


Repairs of every description promptly executed.

Patentees and Sole Makers of Thomson's Patent Self Sustaining Screw Pulley Blocks, Tube Expanders, Tube Cutters, Etc., Etc. Also Makers of Dudgeon's Tube Expanders.

JOHN GRIEVE & Co.

MOTHERWELL, - SCOTLAND.



— MAKERS OF —

Steam, Hand, Hydraulic, Electric, **CRANES**

Special terms to Canadians under the New Canadian Tariff. 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.

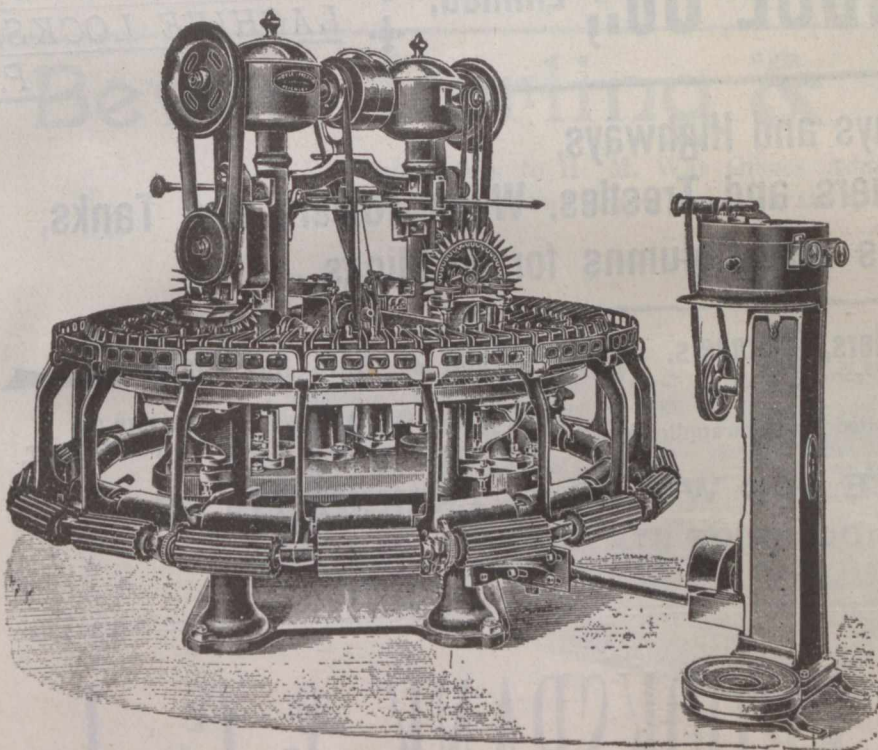
SWEETS ALL AND EVERY SORT MADE TO ORDER.

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 Machine & Back Washing Machinery of every Description, Grease Presses on Screw or Hydraulic Principle, Yarn Scouring Machines, Yarn Crossing Presses, Warp ing 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.

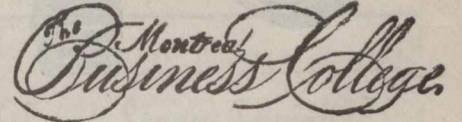
Bells, Annunciators Telephones, etc.

784 Craig St., - Montreal.

Individual Evening Instruction.

ON

Monday, Wednesday and Friday Evenings
 AT



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, Telephon-
 es, 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.

Telegraphic Address **POITER, ENGINEER, OTLEY.**

ESTABLISHED 1897.

J. W. POTTER & CO.,

(G DEPARTMENT)

— Otley, England.

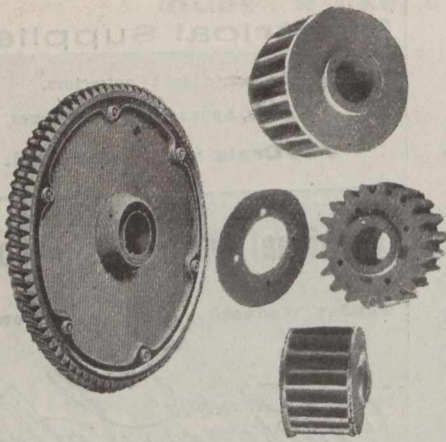
WHEEL CUTTING

On Latest American Principles,
at bed rock prices.

Nothing too large Nothing too awkward. We cut for some
of the Largest Engineering Firms in Britain.

Accurate Work and Quick Delivery.

Special prices to Canadians
under the New Tariff.



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."

E. BROOKSBANK & Co., LTD.,

• **S**PECIAL Prices to
Canadians under the
New Canadian Tariff.

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.



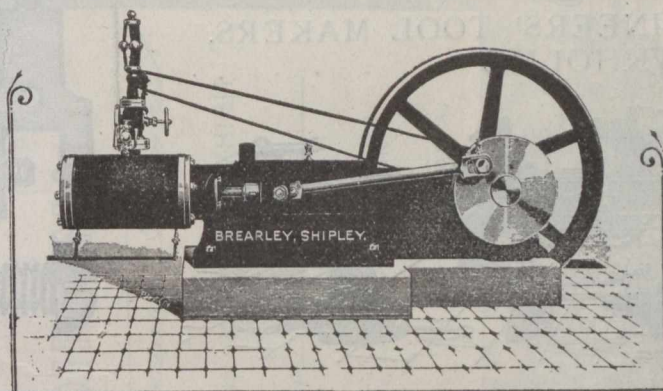
Established 1820.

Telegrams: "BREARLEY, SHIPLEY."

BOOK & JOB DEPARTMENT.

Send for Estimates.

High Class Horizontal Disc Crank Steam Engine.



FAIRBANK BREARLEY,

Central Engine Works,

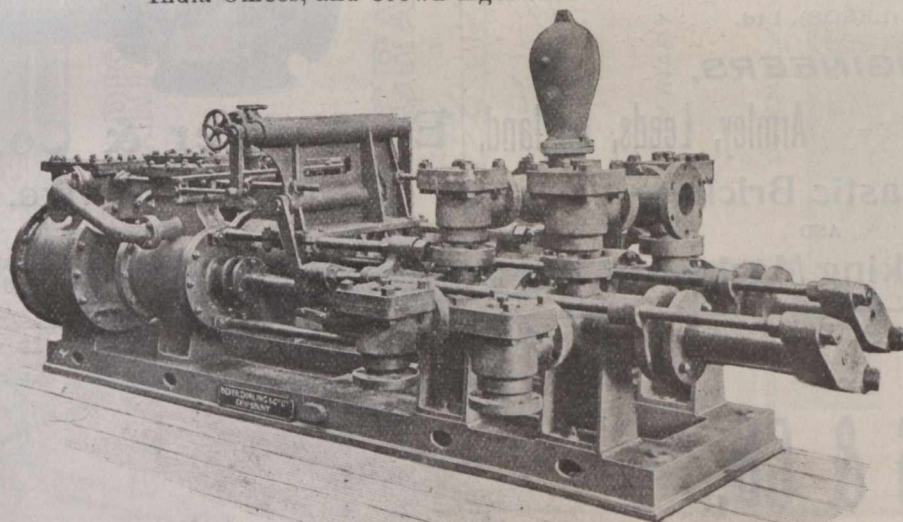
SHIPLEY, England.

171 St. James Street.

— MONTREAL. —

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,

Spades, Picks,

KITCHEN FENDERS, STANDS, &c.
VICES, WATER TUE IRONS, &c.

Contractors'
Tools. =====

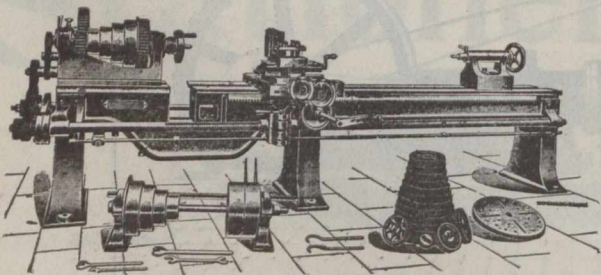
Leedham & Heaton, Limited,

Armley Road Iron Works, ===== LEEDS, ENGLAND.

(Cuts will be inserted as soon as received.)

Pickersgill Bros. & Co.,

ENGINEERS' TOOL MAKERS,
LAWKHOLME



KEIGHLEY, Eng.

PRIZE MEDALS.—Inventions, 1885. Liverpool, 1886. Architectural Society, 1885. Adelaide, 1887. Melbourne, 1888. Edinburgh, 1890.

Brickworks at LEEDS & SKIPTON.
Telegraphic Address—"RONKSLEY, ARMLEY."
LEEDS TELEPHONE No. 387.

William Johnson & Sons, (LEEDS), Ltd.

ENGINEERS,

Castleton Foundry, - Armley, Leeds, England.

—Plastic Brick—

AND

Tile Making Machinery.

THE BEST SCREWS
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.

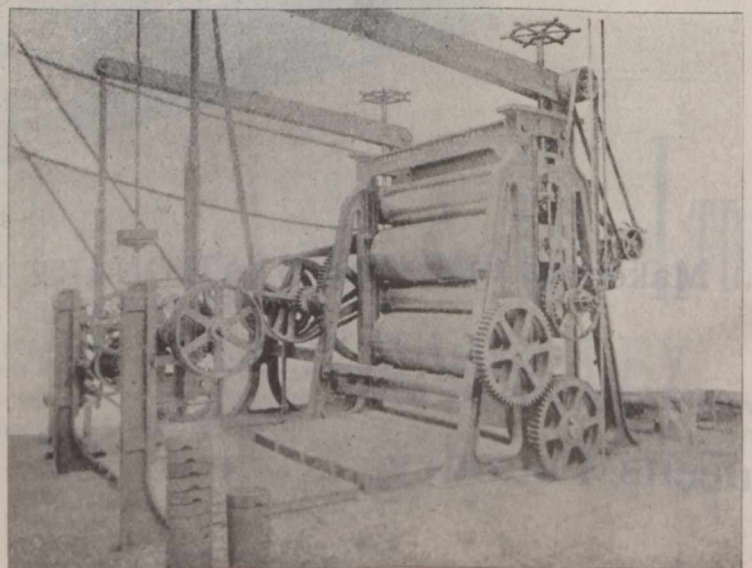
Highest Award British Medical Association Exhibition, also
Two Gold Medals Awarded.

TRAVERS & CO.,

Engineers, - Millwrights,
Machine Makers,

BRITANNIA WORKS,
SPRINGFIELD ROAD,

BELFAST, . . . IRELAND.





PARIS·UNIVERSAL·EXHIBITION
OF·1900

THE INTERNATIONAL JURY OF AWARDS HAS
GRANTED A

GRAND·PRIZE·DIPLOMA

TO *The Journal of Commerce Montreal*

A Contributor to Education & Exhibit.

GROUP _____ CLASS _____

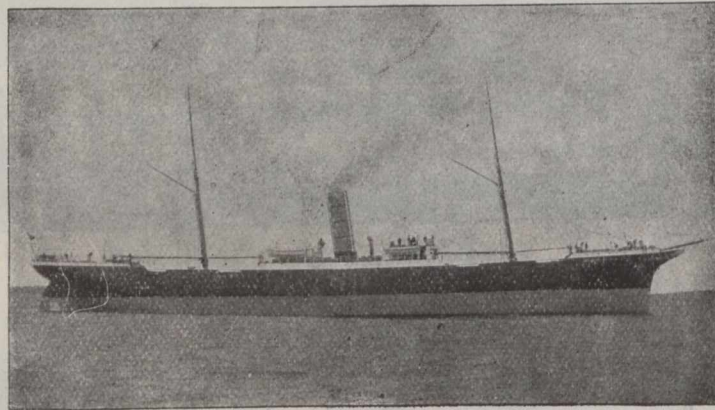
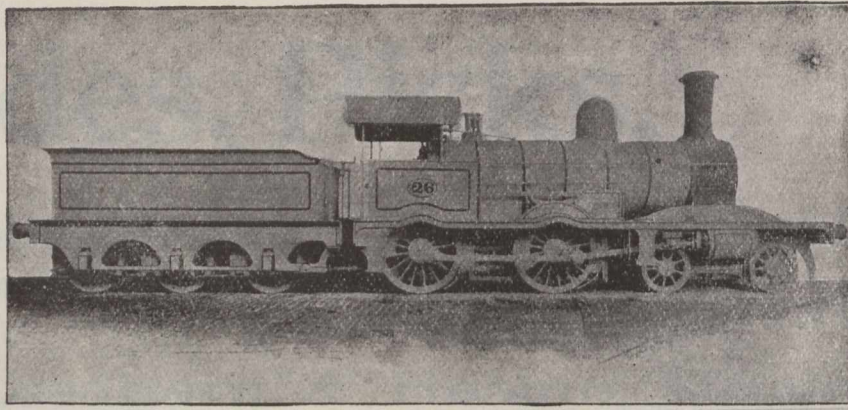
PRELIMINARY CERTIFICATE.

ISSUED BY THE CANADIAN COMMISSION.

DECEMBER, 1900.

OTTAWA.

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
STEEL AND IRON
(Steel by the Siemens-Martin Process.)

SPECIALITY
STEEL ROLLED JOISTS.
Brand: "DORMAN, LONG & CO., Ld."

No. of Section.	Size.	Weight per foot.	No. of Section	Size.	Weight per foot.
G 1	20 x 7 1/2	89 lbs.	G 17	7 x 3 3/4	18 lbs.
G 2	18 x 7	75 lbs.	G 17A	7 x 3 3/4	18 lbs.
G 3	16 x 6	62 lbs.	G 18	6 1/2 x 3 1/2	16 lbs.
G 3A	16 x 5	50 lbs.	G 19	6 x 5	25 lbs.
G 4	15 x 8	59 lbs.	G 19A	6 x 4 1/2	20 lbs.
G 5	15 x 5	42 lbs.	G 20	6 x 3	16 lbs.
G 6	14 x 6	47 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	5 1/2 x 2	11 lbs.
G 7	12 x 6	54 lbs.	G 22A	5 1/2 x 1 1/2	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 4 1/2	22 lbs.
G 8	12 x 5	39 lbs.	G 24A	5 x 4 3/8	19 lbs.
G 9	10 x 8	70 lbs.	G 25	5 x 3	15 lbs.
G 10	10 x 6	45 lbs.	G 25A	5 x 3	11 lbs.
G 10	10 x 5	35 lbs.	G 26	4 3/4 x 1 3/4	10 lbs.
G 10A	10 x 5	29 lbs.	G 26A	4 3/4 x 1 3/4	6 1/2 lbs.
G 11	10 x 4 1/2	30 lbs.	G 27	4 1/2 x 3	14 lbs.
G 11B	9 1/4 x 3 3/4	21 1/2 lbs.	G 28	4 x 3	12 lbs.
G 12	9 x 7	58 lbs.	G 28A	4 x 3	9 1/2 lbs.
G 13	9 x 3 3/4	20 lbs.	G 29	4 x 1 3/4	8 lbs.
G 14	8 x 6	35 lbs.	G 29A	4 x 1 3/4	5 lbs.
G 15	8 x 5	30 lbs.	G 30	3 1/2 x 3	10 lbs.
G 16	8 x 4	25 lbs.	G 31	3 1/2 x 1 1/2	6 lbs.
G 16A	8 x 4	19 lbs.	G 32	3 x 3	10 lbs.
			G 33	3 x 1 1/4	4 lbs.

Makers of COMPOUND and PLATE GIRDERS, STANCHIONS, Etc.

All sizes of ANGLES and CHANNELS.

FLOORING of Lindsay's and Special Sections: Bulbs, 6-inch to 12-inch; Rounds, 1/2-in to 7-in; Half-Rounds, 1 1/2-in to 3 1/2-in.; Squares, 1/2-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

12,000 tons of all sections kept in stock.

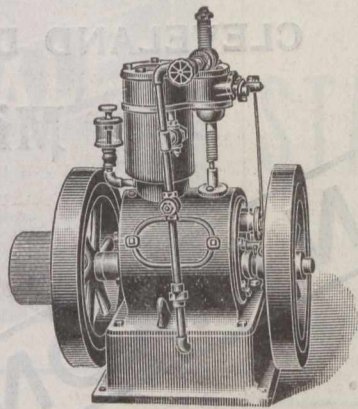
Manufacturers of Galvanized, Corrugated and Plain SHEETS, 16 to 28 gauge. Usual lengths and widths.

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

STEEL WIRE FOR ROPES.

SECURITIES.		London July 18	
British Columbia, 1877 5 p.c.	104	108	
1887, 4½ per cent ...	90	92	
1891-2, 3 p.c.	104	106	
Canada, 4 per cent. loan, 1860	99	101	
3 per cent. loan, 1888-99	101	103	
Debs. 1894, 3½ per cent.	88	90	
2½ p.c. loan, 1897	106	108	
Manitoba, 1885-6, 5 p.c.			
Railway and other Stocks.		July 18.	
Quebec Province, 5 p.c., 1874	102	106	
1876, 5 p.c.	102	106	
1880, 4½ p.c.	101	103	
1883, 5 p.c.	107	109	
Atlantic & Nth. Western 5 p.c. Gua 1st M. Bds	117	120	
100 Buffalo & Lake Huron \$10 shr.	13¼	13¾	
100 do 5½ p.c. 1st mort.	138	142	
100 do 2nd mort.	138	142	
100 Can. Central 5 p.c. M. Bds. Int. guar. by Gov.			
Canadian Pacific \$100	101¼	102½	
Grand Trunk, Georgian Bay, &c. 1st M.	101	103	
100 Grand Trunk of Canada Ord. stock.	9¾	9¾	
100 2nd equip. mtg. bds. 5 p.c.	124	127	
100 1st pref. stock. 5 p.c.	93¼	94	
100 2nd pref. stock.	77¼	77¾	
100 3rd pref. stock.	31¼	31½	
100 5 p.c. perp. deb. stock.	133	136	
100 4 p.c. perp. deb. stock.	104	106	
100 Great Western shares, 5 p.c.	129	132	
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	99	101	
100 N. of Canada, 1st mtg., 5 p.c.	99	101	
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.	—	—	
100 City of Montreal stg. 5 p.c. 1874	101	103	
100 City of Ottawa, 4½ p.c. stg.	103	106	
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	110	112	
6 p.c. stg. con. deb. 1874-1876.	113	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. 1883, 5 p.c.	107	109	
MISCELLANEOUS COMPANIES.			
100 Canada Company	84	87	
100 Canada North-West Land Co.	3	5	
100 Hudson Bay	20¼	20¾	
BANKS.			
Bank of British North America	64	66	
" " Montreal	518	522	
Canadian Bank of Commerce	77	78	

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.

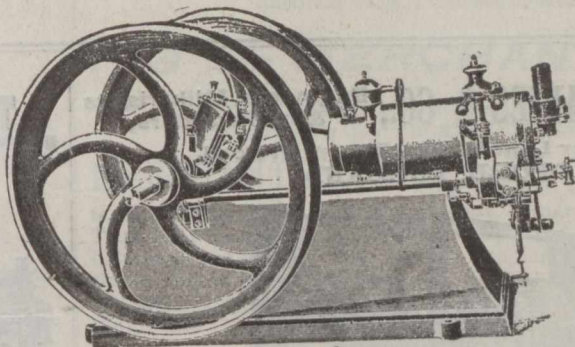
They are built in sizes from 1 to 20 horse power, upright and horizontal, for pleasure yachts, boats, shops, farm work and any purpose where light power is required.

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.

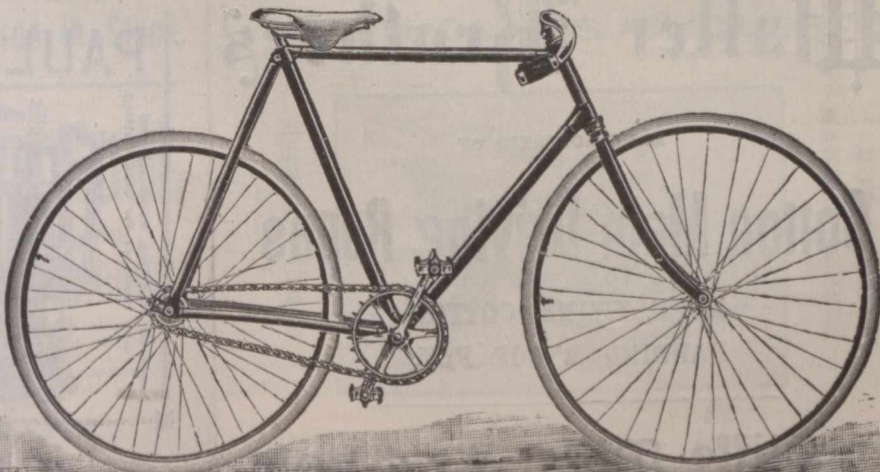
SPECIAL TERMS TO CANADIANS UNDER THE NEW TARIFF.

ESTABLISHED 1890.

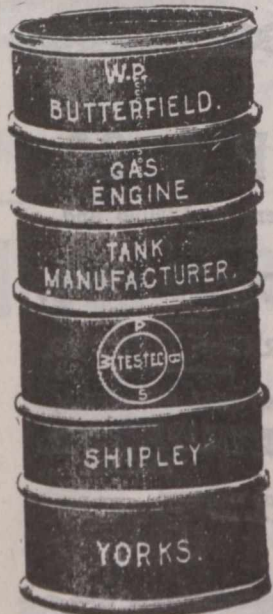
"STRATHMORE" CYCLES.

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.

Telegraphic Address :
 "DIXON, MIDDLESBRO'."

SIR RAYLTON DIXON & CO., LIMITED.

Special attention
 and despatch given to

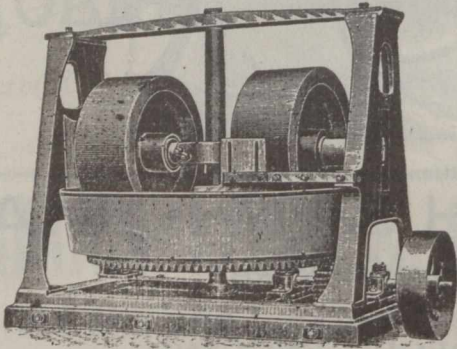
**Repairs of Vessels,
 Engines and Boilers.**

GRAVING DOCK, 576 Feet Long.

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

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

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



.....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

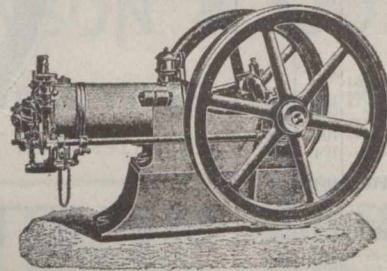
Cotton Main Driving Ropes

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:
 "Dewhirst, Engineer, Keighley."

KEIGHLEY, Yorks, Eng.

Special Rates to Canadians under the Preferential Tariff

PAUL DRACUP & CO.,

Makers of Double and
 Single Lift

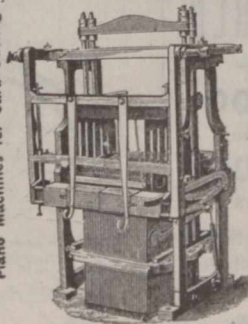
JACQUARDS.

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. 18 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,

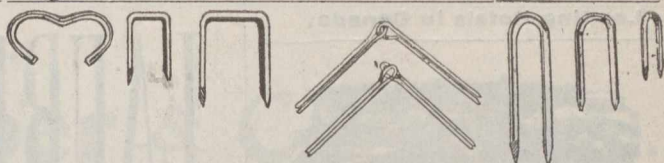
Perfectly Steam-tight, with a minimum of
 friction. *May be fitted to Existing Pistons.*

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.

William Whitwell & Co., Ltd.,

Thornaby Iron Works,

Stockton-on-Tees, - - - England.

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

PIG AND MERCHANT IRON.

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

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

JOHN TURNER & CO.,

Manufacturers of **HORSE RUGS**

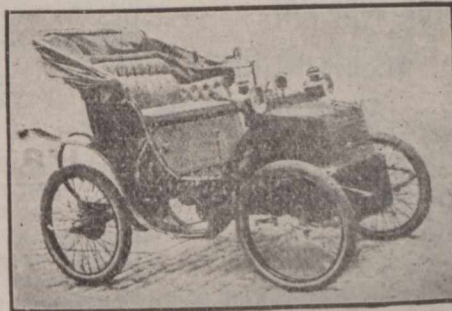
Blankets, Rugs, Horse Clothing, Collar Checks, Saddle
 Girths, Rollers, Body Belts, and Webbing. Jute and
 Combination Night Sheets in all sizes.

Merchants and Shippers only Supplied.

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

HIGH-CLASS CYCLES.

CYCLE
 MANUFACTURERS.



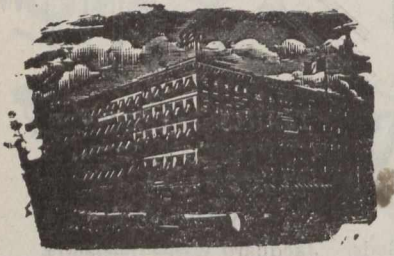
MOTOR CAR
 MANUFACTURERS.

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.

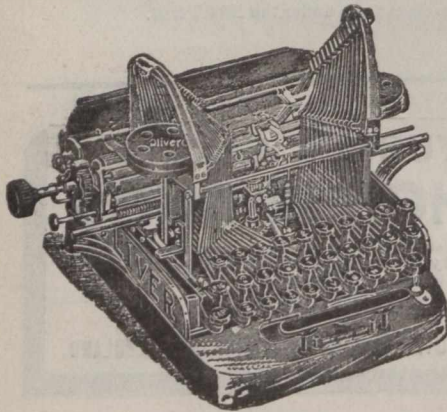
A. NELSON, Proprietor.

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 OLIVER . .
Free Type Bar

Visible Writing

TYPEWRITER.

Price in Canada & United States,
\$95.00

LINOTYPE COMPANY,
156 St. Antoine Street,
MONTREAL.

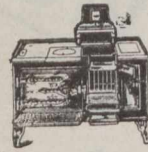
Manufacturers for
CANADA AND SOUTH AMERICA.

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.

LUMP 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,
Manager.

J. H. FAIRBANK,
Proprietor.

Telegraphic Address: "PATELLA, PAISLEY."

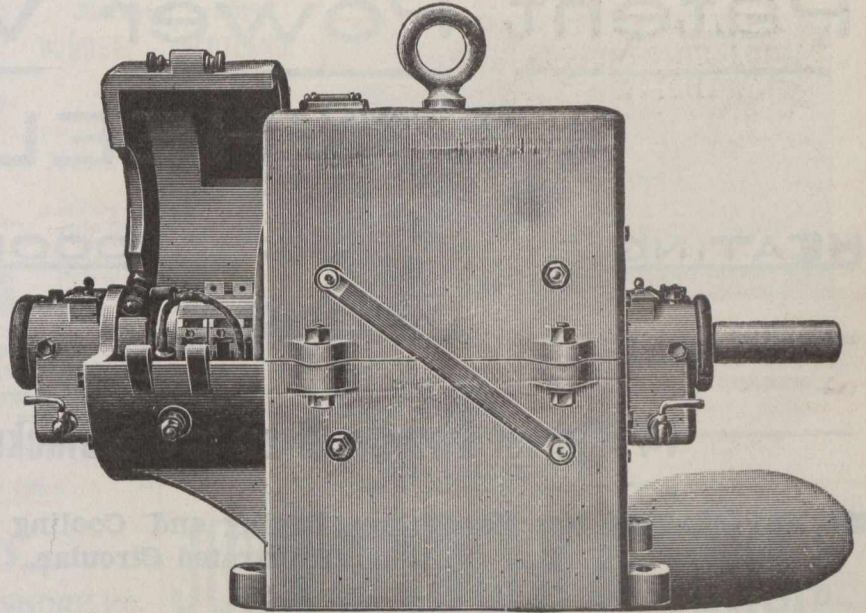
Paterson, Cooper & Co'y., Ltd.,

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.
 Diploms & 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.

PRIOE - Fittings from 10s. 6d. per Set

Apply to . . .

JOHN SIM,
 Architect,
MONTROSE, N.B., Scotland.

. . . Or . . .

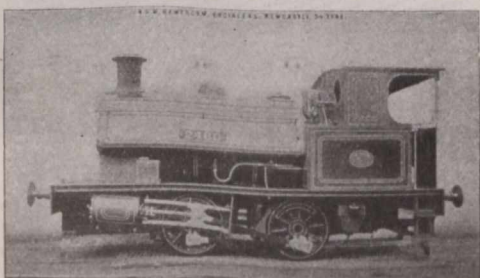
Messrs. BAIRD, THOMPSON & CO.,
 Sanitary Engineers,
 26 Bath St., - **GLASGOW, Scotland.**

R. & W. Hawthorn, Leslie . . . AND Co., Ltd.

NEWCASTLE-ON-TYNE, ENGLAND.

Manufacturers of

LOCOMOTIVES OF EVERY DESCRIPTION

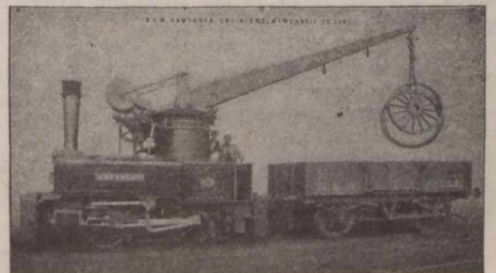


PHOTOGRAPHS and
 SPECIFICATIONS
 ON APPLICATION.

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.

TELEPHONE CALL,
Up 1819.

M. S. FOLEY, Proprietor.

Elegant eight-storey Building, with Artistic Elevation and Three pen 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,
TELEPHONE,
REFRIGERATORS,

NO TAXES.

Can be seen daily, Sundays and Evenings. Rents, \$300 to \$600 and upwards. Inspection by permission.

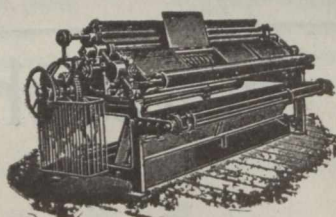
JANITOR ON PREMISES.

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

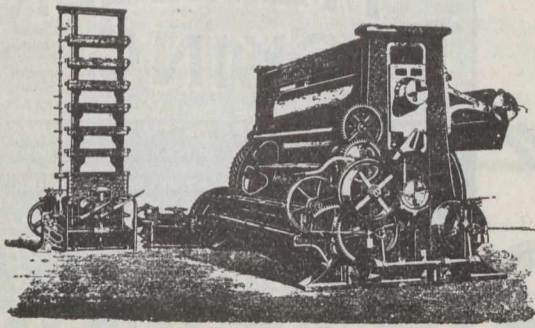
For Collieries, Mines, & all Hauling & Lifting purposes.

Special prices for Canadian Trade under the New Tariff

TELEGRAPHIC ADDRESS :—"ENGINEERS, DUNDEE."

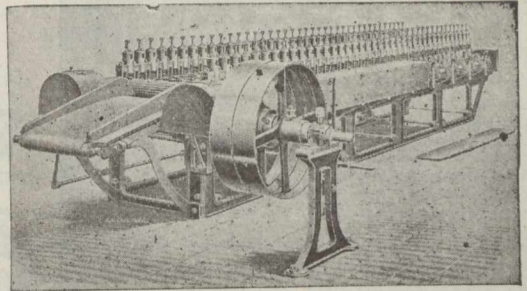
URQUHART, LINDSAY & CO., Limited,

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
Starthing Machines ;



LOOMS of all kinds ; Patent **CROPPING MACHINES** ; **MEASURING & DAMPING MACHINES** ; **CALENDERS** ; Patent Hydraulic **CALENDER-MANGLES** ; **STRIPPING, ORISPING 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^T D.,

(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 Barc of all sizes.
Rivet Steel. Special Mild Steel for Boiler Flues.

STEEL FORGINGS, STEEL CASTINGS,

Of all descriptions, to any weight, Rough or Machined.

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

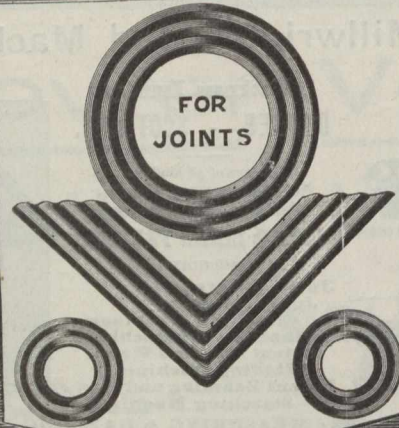
— Etc., Etc. —

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



FOR
JOINTS

METALLIC PACKING.

& SPANISH ROYAL NAVAL COMMISSION

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

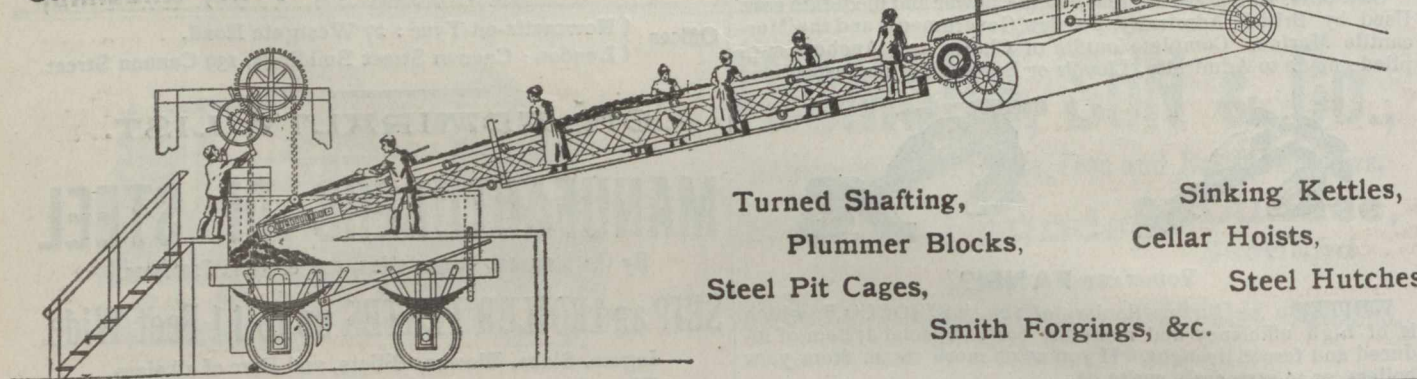
THESE RINGS MANUFACTURED IN
BRASS COPPER GUN METAL & STEEL

& NICHOLSON
SOUTH SHIELDS

ANDERSON BROS.,

Engineers and Manufacturers,
Grown 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.

Factory: 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, Supt. of Agencies.
 H. RUSSELL POPHAM, Provincial Manager.

THE BEST COMPANY FOR THE BEST RISKS.

THE Manufacturers and Temperance and General Life Assurance Company.

Business in Force, over - - - \$26,000,000.00
 Total Assets, about - - - - 3,500,000.00

Hon. G. W. ROSS, President. J. F. JUNKIN, Managing Director.

SEPARATE CLASSIFICATION FOR TOTAL ABSTAINERS.

Scottish Union and National INSURANCE COMPANY,
 Of Edburgh, 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.

TO BE FAITHFUL TO POLICYHOLDERS AND AGENTS

is the motto of the management of the Union Mutual. To serve all interests impartially. To treat all parties with consistent candor. To issue policies of pronounced liberality. To make all death payments with the utmost promptness. To be fair in all dealings.

Honest, capable Agents can always have employment with us.

Union Mutual Life Insurance Co.,

Portland, Maine. INCORPORATED 1848.

FRED E. RICHARDS, President. ARTHUR L. BATES, Vice President.

Address:—HENRI E. MORIN, Chief Agent for Canada, 151 St. James St., Montreal, Canada.

For Agencies in the Western Division, Province of Quebec and Eastern Ontario apply to WALTER I. JOSEPH Manager, 151 St. James St., Montreal.

(FOUNDED 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.

E. HOPE ATKINSON.

AGENCY DIRECTOR,

Company's Building, MONTREAL

J. DUNCAN DAVISON

Imperial Bdg. 107 St. James Street,
Montreal.

COMMISSIONER

For Following Provinces:

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

LIVERPOOL & LONDON & GLOBE

INSURANCE COMPANY.

Available Assets, - - \$58,553,900

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

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

Canada Board of Directors:

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

A. F. GAULT, SAML. FINLEY, E. S. CLOUSTON.

G. F. C. SMITH, Resident Secretary.

Head Office, Canada Branch:

MONTREAL.

THE WATERLOO MUTUAL

Fire Insurance Company.

Established in 1863. Head Office, Waterloo, Ont.

Total Assets, Jan. 1, '94, \$349,734.71.

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

UNCONDITIONAL POLICIES

ARE ISSUED
BY THE . . .

CONFEDERATION LIFE ASSOCIATION.

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

Full information sent on application.

H. J. JOHNSTON,

Prov. Manager,

174 ST. JAMES ST.,
MONTREAL.

W. C. MACDONALD,
Actuary.

J. K. MACDONALD,

Managing Director.

Head Office, - TORONTO.

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.

The Canada Accident Assurance Company.

Head Office, MONTREAL.

A Canadian Company for Canadian Business

ACCIDENT AND PLATE GLASS.

Surplus 50 p.c. of Paid-Up Capital above all liabilities including Capital Stock

T. H. HUDSON,
Manager.

R. WILSON SMITH,
President

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, \$5,000,000
PAID-UP CAPITAL, 1,500,000
TOTAL INVESTED FUNDS OVER . . . 8,000,000

Canadian Branch:
COMPANY'S BUILDING, PLACE D'ARMES, MONTREAL.
G. R. 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, oily threads nor miserable yellow fillings of short staple. Not even in lowest grades. Three grades—Three prices and far the best for the price.

COMMERCIAL UNION ASSURANCE CO., Ltd.,

Of London, England.

FIRE LIFE MARINE

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

HEAD OFFICE, Canadian Branch, - MONTREAL
JAMES MCGREGOR Manager.