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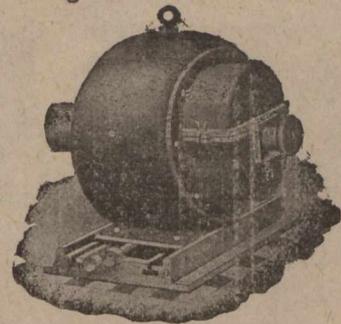
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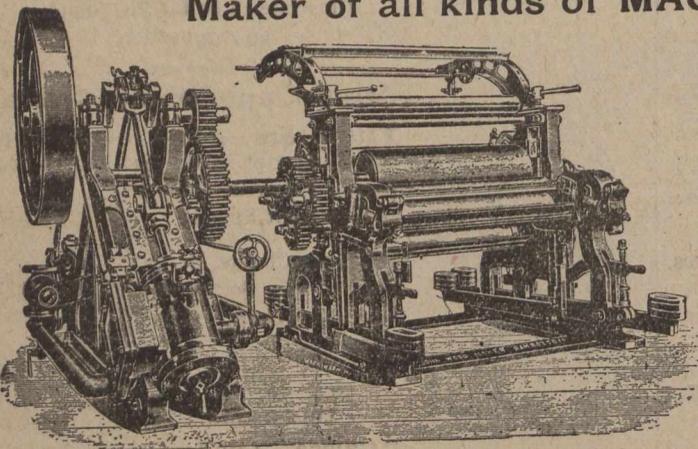
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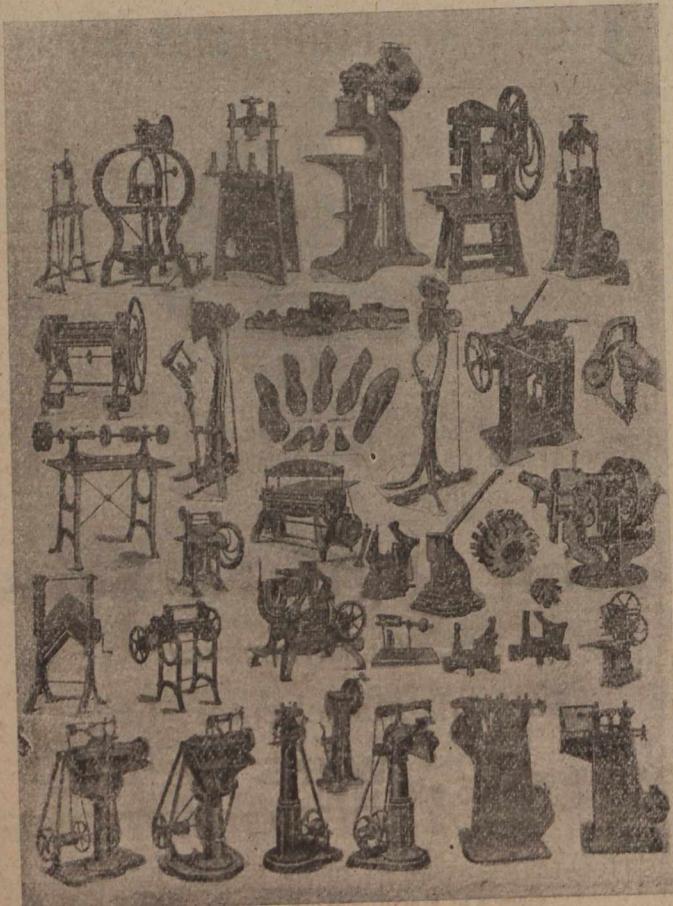
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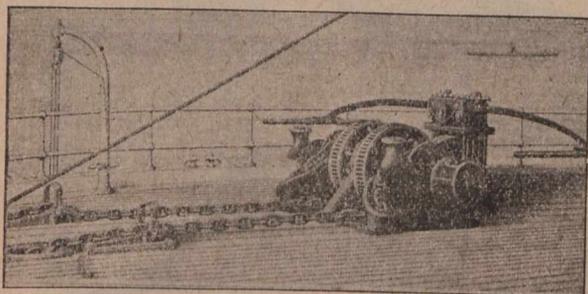
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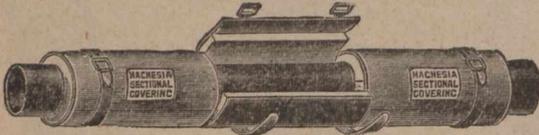
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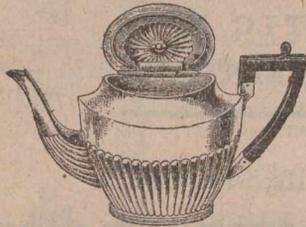
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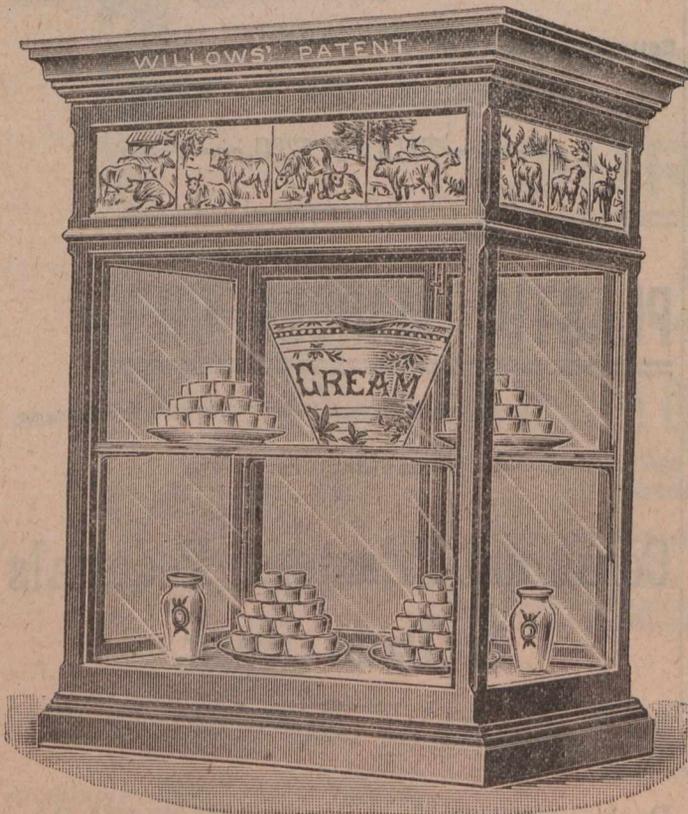
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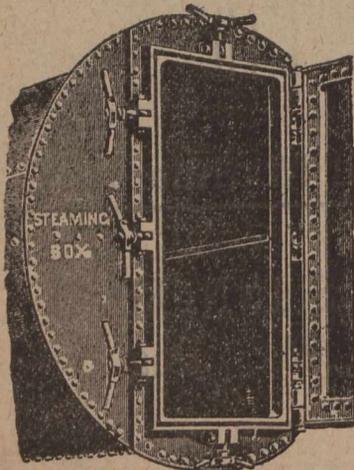
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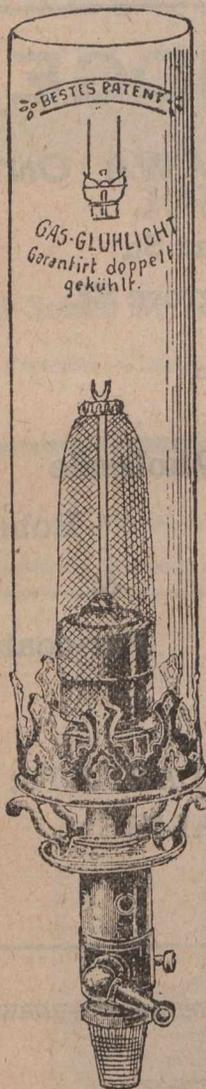
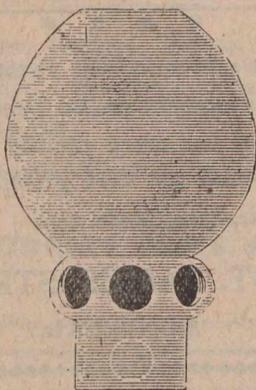
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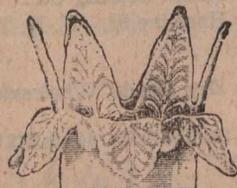
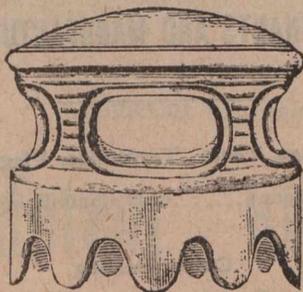
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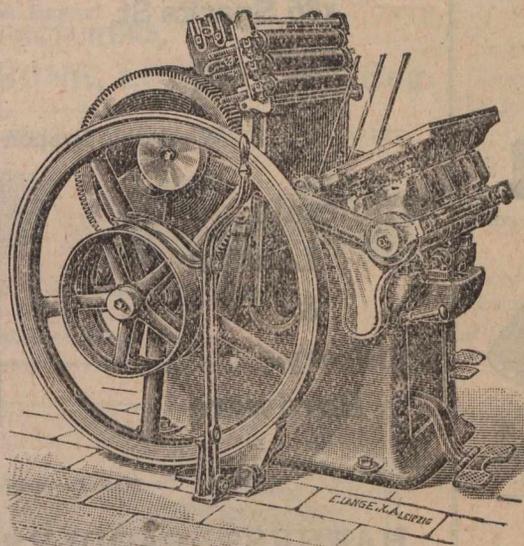
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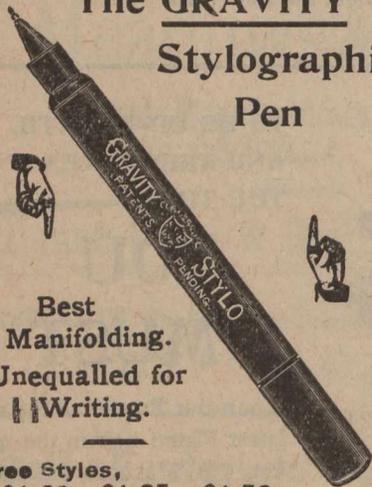
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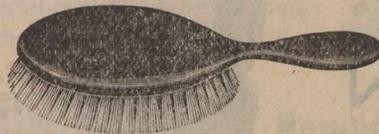
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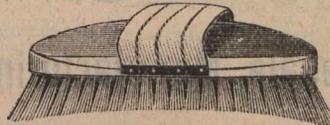
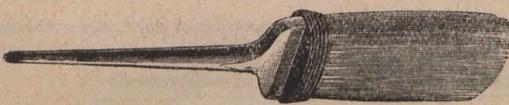


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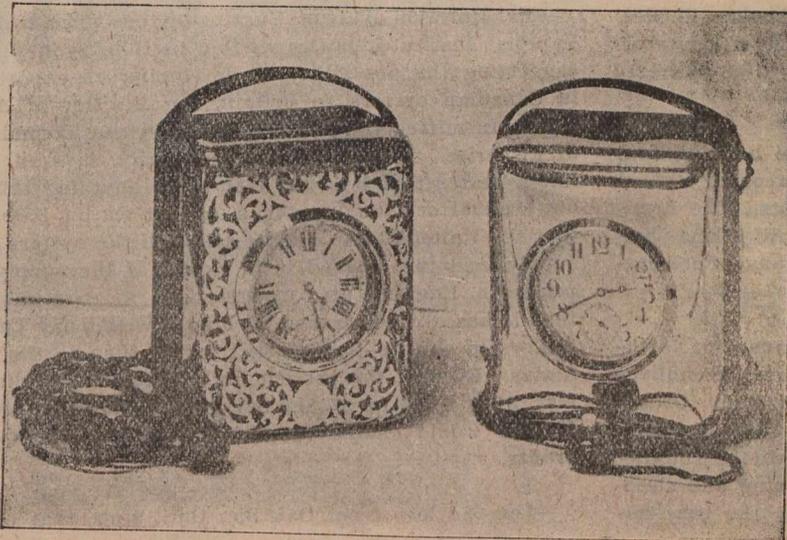
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Merchants, Manufacturers and other business men should bear in mind that the “Journal of Commerce” will not accept advertisements through any agents not specially in its employ. Its circulation—extending to all parts of the Dominion—renders it the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

—A Seattle, U. S., report says that the White Pass & Yukon road is being transferred to the C. P. R.

—Three more companies have been incorporated to operate in the oil fields of western Ontario.

—The Canada Cycle & Motor Company is, it is said, about to absorb the Canadian Motors, Ltd.

—A new seven-cent postage stamp is being issued. It will be useful for registered letters.

—It is reported that 400,000 persons are destitute and starving in Finland as a result of the crop failure.

—Farmers of Rothwell district, Man., are sending to England and Scotland to secure men for next season's work.

—The Ontario Beekeepers' Association has decided to form a honey exchange, to manage the selling of that product.

—Official returns published at London in regard to ship-building on the Clyde in the year 1902 show that 300 vessels were launched. The aggregate tonnage was 507,000.

—The analysts' branch of the Inland Revenue Department is testing the various breakfast foods for sale on the Canadian market. The consumption of these articles has greatly increased of late, and the analysts consider it is due to the public to know what they contain.

—The Calgary & Edmonton Railway proposes to build the following branch lines: From Wetaskiwin, on its main line, easterly a distance of 100 miles; from a point between Lacombe and Red Deer, on its main line, easterly 100 miles; from Strathcona, the present terminus of its line, to Edmonton; from Edmonton in a northerly or north-westerly direction for a distance of 100 miles.

English  
Made

# SAILOR SUITS!

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



Our assortment of

## Boys' Suits

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

**Thorneloe & Clarkson,**  
Wholesale Manufacturing Clothiers,  
**LEICESTER, - - ENGLAND.**

—The C. P. R. has awarded a contract to Messrs. Rhodes, Curry and Co., of Amherst, N.S., to build 100 refrigerator, ten first-class passenger, and 300 flat cars, to be delivered early next year for the **Western division.**

—A London cable states that the private banking firm of J. & J. W. Pease of Darlington has executed a deed of assignment for the benefit of its creditors. The firm's liabilities are placed at about \$2,500,000. Two of the partners are members of the House of Commons, representing **Durham and Essex.**

—Messrs. Mackenzie and Mann, of the Canadian Northern, have placed an order for nineteen new locomotives with the Canadian Locomotive Works, Kingston. Orders have also been given for the construction of 700 box cars. It is stated that the Canadian Northern will be running a through passenger train with its own dining and sleeping cars, from Port Arthur to Winnipeg by the time navigation opens.

—Washington, U. S., advices state that Secretary Moody was before the House Committee on Naval Affairs recently, and urged an appropriation for the construction of two new battleships, as recommended in his annual estimate. In reference to submarine torpedo boats, the Secretary said that the practicability of those now owned by the Government should be further demonstrated before additional craft of this class are purchased. The Venezuelan trouble has had the effect of changing the intentions of the naval committee with respect to the necessity of providing for additional battleships. A week ago the committee had practically decided to include no items in this year's appropriations for new ships; now they are inclined to accept the recommendation of the Secretary for the construction of two battleships.

—Mr. Harrison Watson, Curator of the Canadian section Imperial Institute, having written to Hon. Sydney Fisher, suggesting the possibility of developing an export trade in Canadian oysters to Britain, the Minister of Agriculture transmitted the letter to Prof. Prince, Commissioner of Fisheries. The last-named gentleman, says an Ottawa letter, states that it is too late to do anything this year, but the matter should be taken up next season. He explains that the United States market takes all the oysters we can supply, and the demand is in excess of the supply. The prices in England are, nevertheless, so extremely high that it has always seemed to him it would pay Canadian dealers to ship to that market rather than to the United States. Even at the present high prices of Canadian oysters, \$4.50 to \$6 or \$7 per barrel, the exorbitant rates in London would enable the shipper to realize very large profits.

—Late advices from Oakville, Ont., state that accountants from the office of the assignee are at work on the books of the insolvent private banking firm of C. W. Anderson & Son, but no definite statement of the firm's position has yet been reached. The liabilities of the bank to depositors is roughly placed at \$200,000, and nothing definite as to the securities held by the firm can be obtained. C. W. Anderson Son was established in 1887, the present members of the firm being C. W. Anderson and his two sons, E. B. and C. E. Anderson. The business was handled mostly by the sons, the father giving considerable attention to interests in Palmerston. The firm have about 8,000 invested in the electric plant there. They own considerable property in Oakville, and also farming property in the neighborhood, including two splendid fruit farms. Until a year ago a banking business was carried on by Mr. Anderson, sen., at Palmerston, but the

# W. BRADBURY, Leicester, England,

FOR

Best Value in Ladies' and Children's

## Fine Made Boots & Shoes.

All Styles,  
Qualities,  
and Prices.



Other cut will be inserted when made.

Special rates to Canadians under the New Preferential Tariff.

Note Address: **W. BRADBURY, 43 Newarke St., LEICESTER, Eng.**

concerned was absorbed by a chartered bank. The business in Oakville has been for several years under the control of the sons, who have made stock investments, and hold in addition a number of mortgages throughout the county.

—Details of James J. Hill's great project of connecting Buffalo with the Great Northern Railroad are, according to a Buffalo correspondent, slowly coming to light. The extension of the Pere Marquette into this city from Manitowoc, on Lake Michigan, is believed by prominent railroad men to be part of that scheme. The following despatch from Chicago confirms this report, and adds interesting information to the subject: "There is a general belief in Western railroad circles that the Northern Securities Company has acquired a controlling interest in the Wisconsin Central Railroad. Affairs in the traffic world have been shaping themselves of late in a manner that would clearly indicate that if James J. Hill is not the owner of a large share of Wisconsin Central stock, that railroad is working in close harmony with the Northern lines. In explanation of Mr. Hill's desire to obtain the Wisconsin Central, it is stated that he wants to get a

*Contractors to His Majesty's Government.*

# MICA

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

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

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

Telegrams: "AWAKE, London."

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

## THE IMPERIAL "S. C."

### Acetylene Gas Company, LIMITED.

30 St. Ann Street,  
MANCHESTER, Eng.

Telegraphic Address:  
"ACETYLENE, MANCHESTER."

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

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



## E. SCHREIER,

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

Manufacturer and Exporter of

**A.B.C. 3, 4 and 5 Action**  
Hand Numbering Machines  
Patent "Excelsior" Counter  
FOR PRINTING PRESSES.

PATENT AUTOMATIC  
Type-High Numbering Machines.  
Automatic Chases for Printing and  
Numbering Cheques in one operation, and every description of



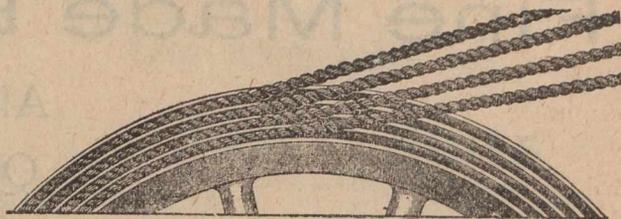
Numbering, Dating and Perforating Machines.

WRITE FOR PRICES.

# HANSON, SCOTT & CO., Ltd.,

STOCKPORT, ENGLAND.

## Cotton Driving Ropes.



larger hold on the traffic between the great North-West and the East. A large portion of the traffic between the sections now goes across Lake Michigan by ferry, where it is delivered to railroads for connections to Toledo, Detroit and Buffalo. Nearly all the immense ore product goes part rail, part water route, and in this connection the Wisconsin Central would prove a valuable adjunct to the Great Northern and Northern Pacific roads."

—Mr. Fisher's fruit marks act, providing for the proper packing and grading of Canadian fruit, combined with improved steamship facilities, is greatly stimulating the demand for these products in the British market. This is quite evident, says an Ottawa report, from the alarm which the operation of the act has created in the minds of foreign competitors. For example, Le Jardin of Paris publishes a statement by the French Consul at Liverpool in which he draws attention to Mr. Fisher's act and the vigorous inspection made of Canadian fruit, not only when shipped but upon arrival at Liverpool. Owing to these facts and to the refrigerating plant used on the large Cana-

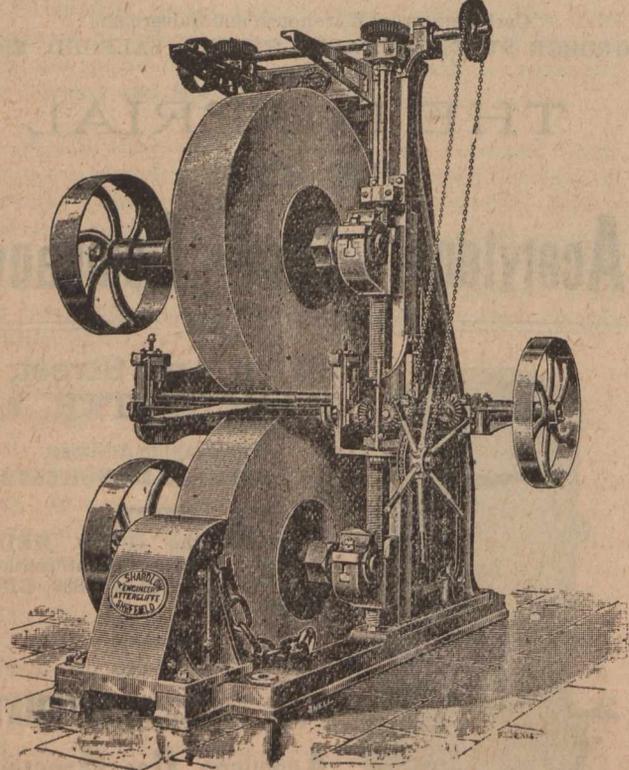
dian steamers, the fruit shipments, he says, have arrived at Liverpool in excellent condition. The French Consul goes on to say:—"The complaints which in the past had arisen in connection with the bad condition of arrivals will not be renewed. It is certain that the recent establishment of a new service of steamers will give an impetus to the export of fruit from Canada. It is to be feared that will work to the detriment of our national producers. It, therefore, behooves them to further improve the quality and beauty of their fruit, as well as to improve their traffic and to thoroughly organize for the market. The Canadian farmers produce the pear 'Duchesse d'Angoulême,' and claim that it is superior in color and taste to that of France. They exported fruit of this variety to England in 1901 amounting to 67,850 francs' worth."

—At the recent annual meeting of the Beekeepers' Association at Barrie, Ont., an address was given by Professor Creelman, B. S. A., Superintendent Farmers' Institutes. Mr. Creelman outlined some of the work from other asso-

### The Improved Long Saw Grinding Machine

.....OF.....

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



### To Ironmongers and Others



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



**CUTLERY & PLATE**

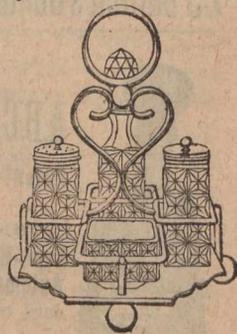
Trade Mark Registered.

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

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

CATALOGUE ON APPLICATION.

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



**FRANK MILLS & Co.**

Hanover Works,

Division St., SHEFFIELD, Eng.

(Contractors to the British Government.)

# DAVY BROTHERS

## Limited.

TELEGRAMS:  
"Motor, Sheffield."

SHEFFIELD, England.

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

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

cations throughout the Province. Farmers were anxious for information. Last week twenty thousand people had attended the stock show at Guelph, and a lecture room for six hundred people was from morning to night crowded with interested seekers for information. He thought there was getting to be or was already just as great a thirst for agricultural knowledge. True, all did not keep bees, but that was true of other lands. Regarding chickens, it used to be feathers, but now it was a chicken which could lay on flesh in the best way. Utilitarian objects were kept in view. In bacon and other agricultural products a market was being developed by sending a good and suitable article. In cheese 70 per cent. of all the cheese England used was a Canadian article. No doubt the same could be done with honey. Some might fear over-production, but the same had been said of other agricultural products. A good article would bring a good price and a large market would follow in Great Britain. The Department of Agriculture wanted good information to be scattered abroad in the Province. Not enough definite information was being given. Business methods had to be adopted to succeed. A great many letters were sent out. At Walkerton fruit meetings over five hundred turned out. What grander nature study could you get than in the study of a hive? We should keep honey more before the public. He advocated closer touch with the Department of Agriculture.

—A report comes from Europe, to the effect that a French experimenter named M. Lafaurie has produced an ingenious machine which will write shorthand characters. The new typewriter is called the "stenodactyl." It is

claimed to possess all the essential qualities of a first-class writing machine, including simplicity, lightness, and silence. It has ten keys, which represents thirty-one different combinations, and in its operations all the fingers of both hands are utilized. The keys are so arranged that the fingers fall naturally upon them. To the left hand are allotted the consonant outlines, while the right hand strikes the vowels. The vowel and consonant combinations are distributed in such a way that it is possible to register phonetically all of the ordinary sounds of the human voice. When a key is depressed three results are obtained, viz., the paper is unrolled, the type is inked and an imprint is made on the paper. It is said that the machine will write at the rate of 150 words per minute. The stenodactyl prints a syllable with each stroke of its keys, whereas the ordinary typewriter prints only a letter. Its operator cares not how a word is spelled by

### Sedgley, Tyler & Co.,

Wholesale and Export Manufacturers,

Fleet Street Building, - LEICESTER, England

SPECIALITIES :

Popular Prices.

Ladies' Fine Boots and Shoes.

School Boots:—Boy' and Girls'.



These Shoes are made for the Canadian market, under the New Preferential Tariff of 33 1/3 p.c. in favour of Canadians.

### The JASON UNSHRINKABLE UNDERCLOTHING.



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

Made in Natural Cashmere,  
Summer and Winter Weights.



TO BE PROCURED  
FROM ALL THE

LEADING WHOLESALE HOUSES

# RITCHIE LETHAM, Ltd.,

SOLE WEAVERS OF THE

“Union” Hair Belting

... AND THE ...

“HERCULES” Solid Woven COTTON BELTING.

Telegraphic Address: “LETHAM, OLDHAM.”  
Telephone, No. 102.



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

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

Address: Waterloo Mills, Oldham, England.

Special Prices to Canadians under the New Tariff.

the dictionary, or how a sentence should be punctuated. He simply writes, or rather strikes, phonetic sounds as he hears them. The advantage of the characters written on the stenodactyl over those produced by the stenographer using a pen or a pencil is that the former are invariably uniform and legible. The belief is expressed that the invention of Mr. Lafaurie will be a boon particularly to newspaper reporters, in whose work uniformity in outlines while making notes is an extremely important matter. The machine is adaptable to any language, and, inasmuch as it employs an undeviating code, its operation is easily mastered. Several attempts have been made both in America and Europe to produce a typewriter possessing the qualities claimed for this new wonder.

—The Canada Gazette contains notice of the application for a charter of incorporation for the Grand Trunk Pacific Railway Company. The route of the proposed railway is described in general terms as follows:—From a point at or near either Gravenhurst or North Bay; thence in a north-westerly and westerly direction through the Provinces and Territories of Ontario, Keewatin, Manitoba, Saskatchewan, Alberta, Athabaska and British Columbia, or any

other Province or Territory of British North America, to the Pacific Ocean, at or near Port Simpson, at or near Bute Inlet, or such other point as may be hereafter determined, by way of the Peace River or Pine River Pass, or such other pass as may be found most convenient, or by such other more feasible route as may be hereafter more closely defined. Power is sought to construct branch lines to Winnipeg, Regina, Calgary or other points, and to acquire, lease, amalgamate, connect with or otherwise make arrangements for the use of the line of any railway company in Canada. The following are among the other rights desired:—To build or acquire and operate steamships and ferries within Canada and beyond the same, to maintain and use wharfs, docks, dockyards, elevators, warehouses, bridges, hotels, restaurants, etc.; to acquire and develop waterpowers for the production of electricity for any use; to locate, acquire and develop mines and mineral lands, timber and timber lands; to construct and operate telegraph and telephone lines for the purposes of the company's business and for public use, and to connect the same with any such lines already constructed; to ac-

## The Speedwell Juvenile Clothing Company.

Manufacturers of Sailor and Fancy Suits in Velvets, Plushes, Tweeds, and Serges, for Canadians under the New Preferential Tariff of 33 1/3 p.c.

WORKS AND OFFICES:

Fleet Street,  
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Cut will be inserted when received.

## James Allen & Son,

Established 60 years.

J. C. STEVENS,  
Proprietor.

Inventors and  
Manufacturers of the

Portable  
Turkish  
Hot-Air and  
Vapour Bath,

Bronchitis Kettles and  
Sick Room Appliances.

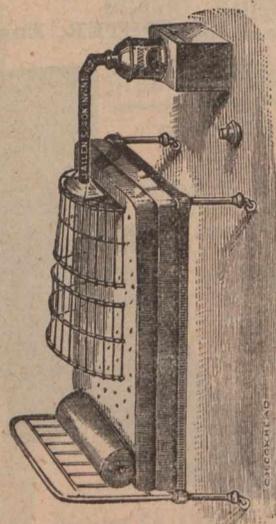
21 & 23

MARYBONE LANE,

Oxford Street,  
LONDON, W, England.

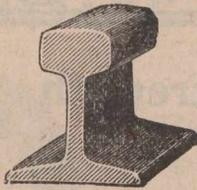
(Close to Wigmore St.)

Special rates to Canadians  
under the New Preferential  
Tariff.



# R. WHITE & SON, WIDNES, ENGLAND.

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



Cable Address:  
 "Ralls," Widnes, England.  
 A.B.C. & Universal Mining  
 Codes.  
 Engineering Telegraph  
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**GALVANIZED**  
**SHEETS, BAR IRON.**  
**AERIAL WIRE**  
**ROPEWAYS.**



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



quire lands and to aid settlers upon lands served by the company's railways; to deal in the securities of any Gov. ernment, corporation or company, and to enter into con- tracts with any Government, corporation, company or in- dividual in respect of such securities, or in respect of the construction, acquisition of railway, steamship, telegraph or telephone lines, or any public or private improvements in Canada or elsewhere.

—Life Insurance Decisions.—In an action against a fire insurance company the question was whether a certain person had had authority to act as agent for the company, and it appeared that his commission as agent has been sent to defendant at its office in another town. At a noon intermission of the trial notice was given defendant's counsel to produce the commission, and he testified he had not time to secure it from such town. Held, that the notice was insufficient to authorize the parole evidence of the authority. *Continental Fire Ass'n of Ft. Worth vs. Bearden*, 69 S. W. Rep. (Tex. Civ. App.) 982.—Where a fire policy provided that it should be void if insured should make any contract whereby any person should not be liable for any act or neglect causing the fire, and the lease by which insured held the land on which the insured property was located stipulated that the lessee should assume all risk of fire caused by proximity of the insured building to lessor's railway track, insured could not recover on the policy for a loss caused by the negligence of lessor. *Kennedy et al. vs. Iowa State Ins. Co.*, 91 N. W. Rep. (Iowa) 831.—Rev. St. 1898, sec. 2243, provides that when a deed purports to be an absolute conveyance, but is made defeasible by an instrument for that purpose, the original conveyance shall not thereby be defeated as

against any one but the maker of the defeasance or per- sons having actual notice, unless the instrument be re- corded. Held, that, as it appeared by the two preceding sections that the object of the statute was to protect sub- sequent bona fide purchasers, the section quoted did not render an unrecorded defeasance agreement inadmissible, in an action on an insurance policy, to show, as against the insurer, that a warranty deed was in fact a mortgage. *Wolf vs. Theresa Village Mut. Fire Ins. Co.*, 91 N. W. Rep. (Wis.) 1014.

—Exclusive of returned Canadians, the arrivals in Can- ada from outside countries for the eleven months of the present year, ending November 30, were 80,479, or an aver- age of 7,316 per month. If this average is maintained for December, it will make a total of 87,705 arrivals for the whole year. At this rate of increase we shall have added nearly a million to our numbers at the expiration of ten years, irrespective of the natural gain in population. And it must be borne in mind that this estimate is a conserva- tive one. Of the present year's arrivals about 56,000 set- tled in Manitoba and the Northwest Territories, and only 24,000 in eastern Canada. Furthermore, there was a move- ment of population from eastern Canada to the west ag- gregating 14,300, thus making a total of 70,300 persons who located in Manitoba and the Territories during the eleven months. The number of persons from the United States reported as having settled in western Canada during the same period is 31,489. For the eleven months the free homestead entries have exceeded 31,000, representing an

## BUTTERWORTH BROS., Ltd.,

Newton Heath Glass Works, MANCHESTER, Eng.



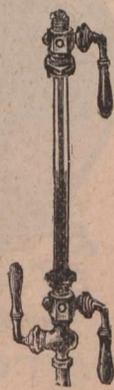
**INVINCIBLE GAUGE GLASSES**, both plain and enamelled. In sole use by the British Admiralty, recently tested to 5,000 lbs. to [ ]"

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

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

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

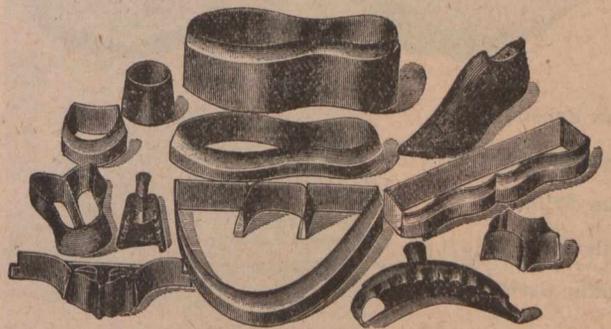
Present Contractors to H.M. Govern- ment.



## GUNTON & CO'Y

Engineers and

## Knife Makers,



ST. JAMES' WORKS,

LEICESTER, England.

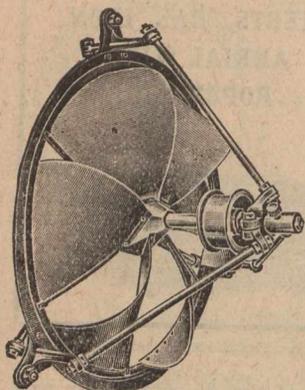
Manufacturers for Canadians under the New Canadian Tariff.

Write for our lists of

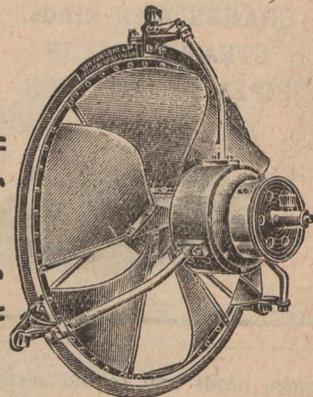
Electrical Glass, Machinery Glass, Table Glass, Ship Glass, Confectionery Glass, Cut and Engraved Glass, Etc., Etc.

# "Sun" Ventilating Fans

Highest Efficiency, Strength and Lightness



Belt Driven.



Electrically Driven.

MADE ENTIRELY OF WROUGHT OR MALLEABLE IRON.

For Ventilating, Drying and All Cooling Purposes . . .

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

Special prices to Canadians under the New Tariff.

GENERAL BUYING AGENTS WANTED.

increase of about two and a half times compared with the number last year. Evidence of the attraction which our western lands now present to capitalists on the other side of the line is to be found in the incorporation by letters patent, under the title of the German American Land Company, of the following residents of the State of Minnesota: John Hoeschen of Melrose, miller; Herman Joseph Haskamp of St. Cloud, banker; Moritz Hoeschen of Freeport, merchants; William Florence Donohue of Melrose, attorney at law; Ferdinand Stangl of St. Cloud, banker; Alexander Rae Davidson of Little Falls, banker; Alexander

Duncan McRae, of Duluth, banker, and Revs. Peter Engel and Herman Bergman of Collegeville. The capital stock is \$500,000.

—Clement A. Griscom, president of the International Mercantile Marine Company, says a recent New York letter, affirmed the statement that New York would soon have daily sailings of steamships, with the exception of Sunday, and in consequence this city, Philadelphia, Boston, and other nearby places would have practically a daily mail service to England and the Continent. Mr. Griscom said:—"This improvement must come. It has been known for some time that the usual sailing schedule for the coming year had not yet been received by the local officials of the White Star Line, and because of this it has been rumored that radical changes were to take place. Now, according to the proposed schedule, which will be in operation from March 15 to December 15, it will be possible for an outgoing passenger to embark on a steamship belonging

## CROSS & CO.,

(FREDERICK ESCOTT & HENRY CROSS.)

Manufacturers of Table Stationery.

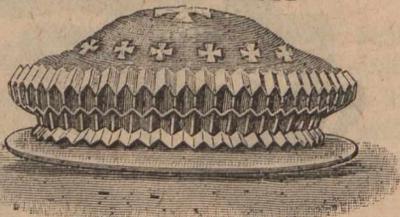
Trade  Mark.

THE "CROSS" BRAND.



PIE DISH FRILL

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



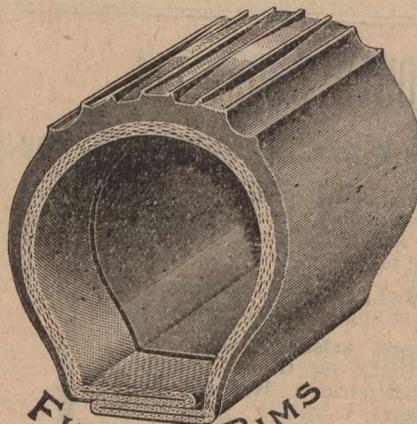
Every description of Laced, Embossed and Pleated Paper Goods for Table Decoration.

Made in London from British Materials by British Workpeople Only.

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

## THE TONI PNEUMATIC TYRE.

(Patent No. 26,555, 1898.)



FITS ALL RIMS

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

Eighteen Months' Guarantee with every Tyre.

F. TONI & CO.,

20 HANWAY STREET WORKS, OXFORD STREET,

LONDON, W.C., ENG.

Special Rates to Canadians under the new tariff

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

Telephone No. 899, Hop.

Telegraphic Address: "SKUDDER, London."

Established 1856.

# GEORGE SKUDDER & CO.



## GLAND PACKINGS.

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

## WOVEN PACKINGS.

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



## ASBESTOS MANUFACTURERS.

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

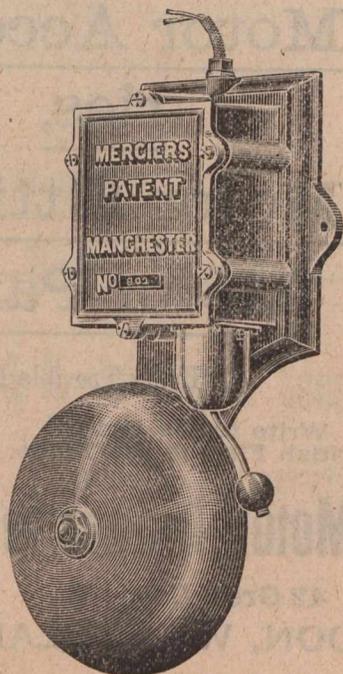
98 Tooley Street, - - - LONDON, S.E., Eng.  
And at SOUTH BERMONDSEY.

to the combine on any day of the week except Friday. The benefit to the mail service by this arrangement is incalculable. There will not be the lapses of three to five days as at present, and answers to foreign correspondence may be expected any day after two weeks has elapsed from the time of despatch of the letter or package. In the new schedule the fleetest ships will sail on Saturday and Monday, and mail arrivals in this city could be expected with a reasonable degree of certainty on Monday, Tuesday, Wednesday, Thursday and Friday of each week. The crowding of the incoming ships on Saturday morning will also be avoided, and the Custom-house force will welcome with delight a schedule which averages the work for each day of the week.

—The apple trade of British Columbia, according to Mr. A. McNeill, acting head of the fruit branch of the Department of Agriculture, has this year increased to five times the value that it was in 1896. It is quite probable, he says, that in the near future that Province, and not Ontario, will supply the Northwest with apples. It is a fact beyond dispute that the apple trade of the Northwest is passing out of the hands of the Ontario growers, and into the control of the more progressive men of the Pa-

cific Province. Superior methods of packing and grading, as well as the better qualities of their fruit, are securing this advantage for the western men. It is time our people in Ontario awakened to the fact that in the apple trade, as well as in every other branch of industry, intelligent and progressive methods are necessary. In my journeys through this Province I have found that districts which used to enjoy a great reputation for apple-growing are becoming played out, and in ten years will be almost barren. This remark applies to Huron, Middlesex, Oxford and Perth. What is the reason for the change? It is because the growers are clinging to antiquated methods of culture, and inferior methods of packing and grading. They don't spray, and they don't improve their varieties of fruit. And some of them will insist upon shipping inferior fruit to Manitoba. I am happy to say that in some parts of Ontario progressive ideas are at work. These districts, if I may call them so, are a fringe of the County of Grey, bordering on the Georgian Bay, and the Counties of Durham, Northumberland and Ontario.

—The Canadian Pacific Railway have issued a tabulated statement showing the wheat shipments by lake from all elevators at Fort William and Port Arthur for the seasons



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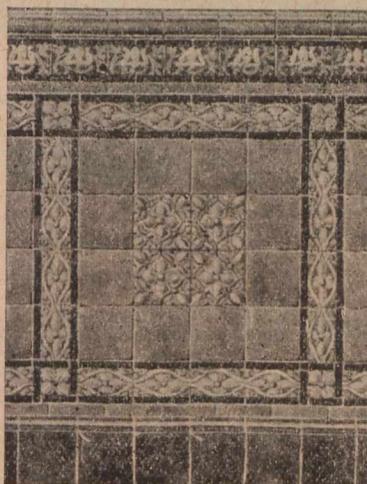
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Machinery and Agricultural Implement Steels in sections of every description, lists of which can be had on application.

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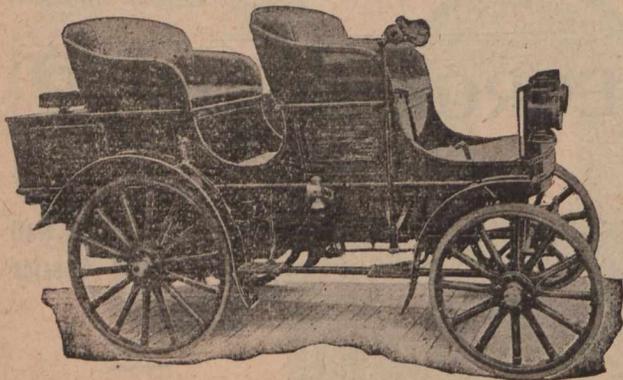
of navigation of 1902 and 1901. Total shipment from Canadian ports was 22,051,144, against 9,662,207 last year, an increase of 12,389,047. From United States ports the figures were 13,474,654 bushels, against 5,711,785 last year, an increase of 7,762,871 bushels, making the total shipments of Canadian wheat 35,525,796 bushels from April 11 to Dec. 5, 1902, against 15,373,880 bushels from April to December 5, 1901, or a total increase of 20,151,918 bushels. The amount carried by Canadian vessels to Canadian ports in 1902 was 22,051,144 bushels, an increase of 12,389,047; and by United States vessels to United States ports, 12,010,803, an increase of 6,405,530 bushels. There were 23,514,995 bushels shipped by Canadian vessels, an increase of 1,374,698; and 12,010,803 by United States vessels, an increase of 6,405,520 bushels over last year. Canadian vessels carried 627,643 bushels of oats, an increase of 541,862 bushels, and United States vessels 26,000 bushels. Of barley Canadian vessels carried 16,152 bushels.

—A paper, having a bearing on trade between Canada and the West Indies, was read by Prof. W. R. Lang at a recent meeting of the Society of Chemical Industries, in the second year chemical laboratory at Toronto University. The title of the paper was "The manufacture of cassava as a competitor of maize in the production of starch and allied products." In the discussion which followed those who took part were Dr. Archbold, of Prescott; James H. Bowman of London; Prof. William Miller, W. S. Stewart, and James P. Murray. It was pointed out that starch from cassava could be produced at one-sixth of the cost of its production from maize, and microscopic examination failed to reveal a difference in the two products. The point was made that vessels carrying exports from Canada to the West Indies could bring return cargoes of cassava, which is grown extensively in Jamaica.

—A recent issue of the Coal Trade Journal gives an estimate of the number of tons daily mined and washed and distributed as follows:—To New York, Jersey City and Long Island, 45,000; Philadelphia, 21,000; Boston, 10,000;

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



FOUR-SEATED Double Phaeton,

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

LIGHT VANS  
To carry up to one ton.

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

REGISTERED OFFICES :

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Of Every Possible Description.

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Special Terms to Canadian Buyers.

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MANUFACTURERS OF

## MINERS' DRILL STEEL

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

### TURNER'S PATENT IRON-FIBRED STEEL.

New Jersey, 5,000; New England, 13,750; Buffalo, 5,000; western States, 28,000; southern States, 15,000; Canada, 9,000; miscellaneous and local points, 75,000, a total of 226,750 tons. It is estimated now that with the return to work of some 5,000 union miners who are still idle, but for whom places are being found, the January output of the mines will be in the neighborhood of 6,000,000 tons. For the eleven months of 1901 the total output of the mines amounted to 49,945,108 tons, thus far in 1902 only 26,101,459 tons have been mined.

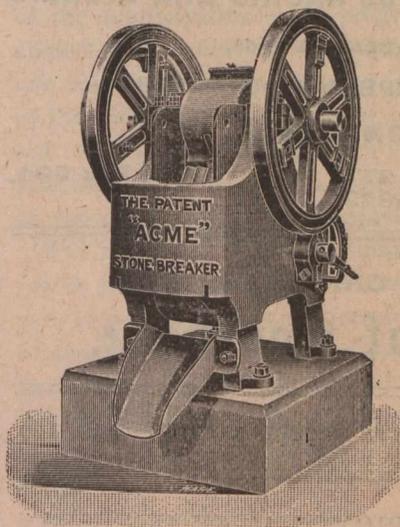
—A special from Tacoma, Wash., says:—"The Pacific Cold Storage Company's Alaska steamer Elihu Thomson has left for Coos Bay on a rather novel mission, the outcome of which will be watched with interest. To the cold storage facilities with which the Thomson is fitted the company has recently added a special apparatus for freezing purposes. The steamer will go to Marshfield, where she will lie and buy fish from the salmon fishermen in that vicinity, freezing the fish as fast as taken aboard. There is an excellent run of salmon around Coos Bay, but heretofore there has been no means of obtaining the fish for freezing purposes. When the Thomson has a full cargo she will return to Tacoma.

—Letters patent of incorporation have been granted to J. Y. Griffin & Co. of Winnipeg, to deal in live stock, grain and dairy products, and to establish stock yards and packing houses. Frank M. Griffin of St. Thomas is one of the

incorporators. Capital \$500,000.—The Cardiff Railway Co. will apply for an act enabling them to construct a railway from a point west of the fifth meridian, in the North-west Territories, to a point on the Crow's Nest branch C.R.R., at or near the Village of Albert. The Rocky Mountain Railway Co. will apply for the revival of its act of incorporation, granted in 1901.

—A third power company is now asking leave to take power from Niagara Falls. At a recent meeting of the Ontario Cabinet it was decided to have a meeting of representatives of all the parties interested, when the location for the new company will be decided upon. Premier Ross when asked if there was room for a third power plant, replied that there would be room for at least three more such plants on the Canadian side.

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



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Portable and Stationary.  
The Best Machine for all  
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ENGINEERS,  
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Manufacturers of  
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Chemicals and Materials used  
by Warp Sizers and Finishers.

10 Marsden St., - MANCHESTER, Eng.

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OF EDINBURGH.

HEAD OFFICE FOR CANADA, - MONTREAL.

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

[WORLD WIDE POLICIES.]

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

D. M. McGOUN, Manager.

J. HUTTON BALFOUR, Secretary.

**W**ITH stronger policy reserves than those of any other Company from America, the **CANADA LIFE ASSURANCE COMPANY,** enters Great Britain in January next.

**INSURANCE COMPANIES**

placing orders for Printing should make it a point to get our figures before closing their Fall contracts. We have facilities for handling Insurance work to the best advantage and are thus enabled to give our customers the benefit. If you are interested in any way write, or come and see us,

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

**NORTHERN ASSURANCE CO'Y. INCOME AND FUND 1901**



Capital and Accumulated Funds, :: \$42,990,000  
 Annual Revenue from Fire and Life Premiums and from Interest on Invested Funds ..... 6,655,000  
 Deposited with Dominion Government for the security of policy-holders ..... 238,000

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

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

ESTABLISHED 1865.

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**THE CANADIAN Journal of Commerce.**

MONTREAL, FRIDAY, DECEMBER 16TH, 1902.

**"ENGLISH VS. AMERICAN MACH'Y IN CHINA."**

In the early part of the year an announcement under the above heading went the rounds of the English and Colonial newspaper press bearing upon the unjustifiable practice of a section of the English Press of constantly belauding, at every opportunity, the American manufacturer, and his methods, to the detriment of the British manufacturer, and an instance was then given to illustrate the ability of the Britisher in one branch of industry at least, not only to hold his own but to beat his American rivals. The instance was that of a

Insurance.

**PHŒNIX ASSURANCE CO'Y., Ltd. OF LONDON, ENG.**

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

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**THE MANCHESTER FIRE ASSURANCE COMPANY.**

Established 1824. CAPITAL, - - \$10,000,000

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

T. D. RICHARDSON, Assistant-Manager.

EVANS & JOHNSON, Resident Agents, MONTREAL.  
 1723 Notre Dame St.

**A Good Position Open.**

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

**Granby & Vicinity**

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

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

large flour mill contract secured in China by an old firm of English milling engineers in competition with American makers, in which case the English firm was better both in price and time for delivery. We now learn that the whole plant was delivered within the time specified, ten weeks; and that the proprietors were so pleased with the results obtained in working the mill, that they have placed the contract for another similar mill, also for North China, with the same English firm, viz.:—Messrs E. R. & F. Turner, Ltd., of Ipswich.

**Mutual Reserve Life Insurance Co.,**

FREDERICK A. BURNHAM, PRESIDENT.

EIGHTY-ONE THOUSAND POLICY-HOLDERS.

Total Assets, \$12,264,838.21.

**THE TWENTIETH ANNUAL STATEMENT**

Shows that the 1900 Business Brought

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

...AND..

**An Increase in Insurance in Force.****Net Surplus, - \$1,187,617.68.****Total Death Claims Paid since Organization, over  
FORTY-EIGHT MILLION DOLLARS.****EXCELLENT POSITIONS OPEN** in its Agency Department in every Town, City and State, to experienced and successful business men, who will find the MUTUAL RESERVE THE VERY BEST ASSOCIATION THEY CAN WORK FOR. Further information supplied by any of the Managers, General or Special Agents in the U. S., Canada, Great Britain or Europe.Home Office, Mutual Reserve Building, - - NEW YORK CITY  
Montreal Office, - - La Presse Building.

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OF LONDON.**

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

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

ONE OF THE OLDEST AND STRONGEST OF FIRE OFFICES.

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

T. L. MORRISEY, Manager.

In the meantime the same firm has scored again in the same market over their American rivals, having recently secured a complete flour mill contract for another firm of Chinese millers,—in the competition for which the American was beaten on all counts.

In the face of examples such as the above perhaps some of our friends of the English Press, who have shown such readiness to advertise the excellence of our competitors, and to decry our own manufactures, will begin to realize that there may be a reverse to their picture.

**WESTMOUNT AFFAIRS.**

Montreal's specially residential west-end suburb is the highly respectable, ambitious and progressive town of Westmount. It is undoubtedly progressive, and will continue to be eminently so without that fact being continuously drummed into the ears of the other sections of the greater city of which they form—practically—a fractional part, and from the centre of which they all receive the vitality that enables them to exist at all as a community.

In their ambition it is as well that our friends in Westmount should bear this fact in mind. The object aimed at now is to obtain for the town, by legislative enactment, the right to be called a city. In some respects the advantage is not so apparent, and the taxpayers do not seem to be by any means unanimous in the matter. Outside of the Town Council itself there

does not seem to be much enthusiasm that the municipality—which barely has, as yet, the requisite population to constitute a city—should assume that dignity, and the concurrent expenses that would naturally follow.

The Town Council has distributed circulars among the taxpayers, asking:

1st.—If they approve of the change in the charter as passed in the Council.

2nd.—If they disapprove of it "in toto."

3rd.—What changes in it they would advise.

The reasons given in this official circular are clearly set forth, although some of them are rather specious, and the many—if we may judge by the newspaper discussions going on—far from convincing. In such an enlightened community as that of Westmount—where diversified interests exist—there will naturally be divergent opinions on the general policy that has hitherto governed the municipality. It is well that it should be so, as by such means publicity is given and in the long run the intelligent majority is sure to make its views prevail, as it should.

With the retirement of some of the oldest and most influential of the present members of the Council—which has been announced—it is evident that there will be an opportunity afforded for changes that may be of the greatest importance to the general welfare of the town. Judging by experience, the circular issued is not likely to be conclusive. The greater portion of the taxpayers are not likely to respond, and those who do will be divided in opinion. The majority will most likely prefer to express their opinions at the poll during the coming elections.

Whether the town be converted into a city by Act of the Legislature or not, it is clear that it will require much care and ability to conduct the financial affairs of the municipality if its progress is to continue unabated. The question of taxation is the all-important one relatively, to that of the City of Montreal. One of the inducements of the past has been lower taxation, but the outlook for the future may not be quite so alluring. This is a point that cannot, with prudence, be too carefully guarded against.

The chief claim that Westmount has to offer its people is that it is entirely a residential section of the greater community, and is free from objectionable places of resort and noisy places of business. This is an important matter; and it should be rigidly maintained. There is no reason why it should not be, but to many there is no reason otherwise, even if the town were annexed to the city, of which it really forms a part, naturally, and without which there would be no prosperous Westmount. That feature could be easily safeguarded by arrangement, as has been done in other cities similarly situated.

The advantages of such annexation are obvious on the surface, and the objection to it is more imaginary than real. When all things are considered there is not so much difference between the taxes levied in Westmount and those in the city, as many people have been led to believe. The cost of municipal government, when fairly and honestly administered is about the same everywhere. The actual services required by the public have to be paid for in some form, and it cannot be said with reason that in Westmount they are obtained at less cost than in other places, when the extent and value of the services

are considered. This is a matter deserving of much thought before the question is further complicated by obtaining the new charter, while the illusory dignity of a city may possibly raise further obstacles in the way of what might be of general advantage all round.

Whatever the outcome of the present agitation in the Westmount municipal politics, we would again point out, as has been done before in this journal, that not only Westmount, but all the outlying municipalities, when granting franchises and privileges for public services, should not do so for any longer term of years than those of a similar character existing in the greater city. When such franchises expire, in a few years, new arrangements will have to be made in the general interests, and the public benefit will be best conserved if the particular franchise shall expire at the same time in all our municipalities.

### POSTAL ANOMALIES.

The articles appearing in these columns for some weeks past, dealing with anomalies in the postal service, have brought us letters on the subject from far and near. They one and all condemn a condition of things which tends to promote the education of the rising generation, and even some of the older heads among us, in affairs relating to the neighboring republic to the neglect of or indifference to those concerning the Empire and our mutual interests.

Our attention has been more particularly called this week to a condition of things, confined probably to one or two of the large cities, bearing upon the administration of the Post Office Department as affecting our internal economies. We directed attention some time ago to the employment of departmental privileges for the purpose of private circulars from the Capital. The old "franking" system had had its day, but there were more ways than one by which the country could be made to carry some people's letters and parcels free. Much of the leakage going on in this way has doubtless been checked, but there still exists a remnant of it with which business men are not so likely to become acquainted. It is an open secret that some of the postage stamps which have latterly taken the place of "franks" to Members of Parliament and others, find their way into private families throughout the country; not only these, but other trifling perquisites supposed to be used exclusively "On His Majesty's Service" can with a little effort be obtained for ordinary use. There can be but one term for such appropriations, but nearly everybody knows with how little scruple many otherwise honest visitors to Europe will evade the revenue dues, and they can hardly be expected to have less tender consciences in respect of other departments of the public service.

### FOREIGN TRADE OF THE UNITED STATES.

In view of the movement in the United States is favour of reciprocity with Canada, it will be interesting to observe what are the leading imports and exports of our neighbour. We have compiled the following tables from official returns issued by the statistical depart-

ment at Washington, so that he classification of goods imported and exported are those of American officials.

Looking down the list of principal imports it is very noticeable how enormously raw materials and products preponderate. Indeed, this is the salient feature of the export list, the fact being evident from these schedules that enormously the largest portion of the foreign trade of the United States consists of raw materials and natural products. In this respect America differs from Great Britain, where there is a much larger proportion of manufactured goods amongst both imports and exports than in those of the United States.

The following table shows the

PRINCIPAL IMPORTS INTO UNITED STATES IN 1900 AND 1902.		
Imports.	1900.	1902.
Sugar.. . . . .	\$100,250,974	\$55,061,097
Coffee.. . . . .	52,467,943	70,982,155
Chemicals and dyes.. . . . .	53,705,152	57,723,336
Hides and skins.. . . . .	57,940,316	58,006,618
Cotton goods.. . . . .	41,296,239	44,460,126
Fibre, grasses, manufactures ..	31,559,371	39,037,387
Fibre, grasses, raw.. . . . .	26,373,805	31,545,962
Silk, raw.. . . . .	45,329,760	42,635,351
Silk, manufactures.. . . . .	30,894,373	32,640,242
India rubber and gutta percha	31,792,697	25,151,559
Jewellery.. . . . .	17,783,076	25,990,570
Tin, in bars and blocks.. . . . .	19,104,301	19,461,850
Wood, and manufactures of.. . . . .	20,591,908	24,427,704
Fruits.. . . . .	19,263,592	21,480,525
Iron and steel manufactures.. . . . .	20,478,728	27,180,255
Tobacco, raw.. . . . .	13,297,223	15,211,671
Wool, manufactures of.. . . . .	16,164,446	17,384,463
Wool, raw.. . . . .	20,260,936	17,711,788
Spirits, malt liquors and wines.. . . . .	12,758,582	15,246,640
Leather, and manufactures of.. . . . .	13,292,196	11,317,778
Furs, and fur goods.. . . . .	12,060,124	15,605,958
Tea.. . . . .	10,558,110	9,390,128
Crockery ware.. . . . .	8,645,265	9,680,156
Fish.. . . . .	7,420,453	8,289,524
Oils.. . . . .	6,817,780	9,300,189
Total imports .. . . . .	\$849,941,184	\$903,327,071

The above shows that considerably more than one-half the imports into the States consisted of natural products, or such as are not classified as manufactures. The next table gives the

### PRINCIPAL EXPORTS FROM UNITED STATES, 1900 AND 1902.

Exports.	1900.	1902.
Cotton, raw.. . . . .	\$241,832,737	\$290,651,819
Breadstuffs .. . . . .	262,744,078	213,134,344
Meat and dairy products.. . . . .	184,453,055	199,861,378
Iron and Steel manufactures ..	121,913,548	98,552,562
Mineral oils.. . . . .	75,611,750	72,302,822
Wood and manufactures of.. . . . .	50,598,416	47,779,848
Animals.. . . . .	43,585,031	44,871,684
Copper and manufactures of ..	57,852,960	41,218,373
Leather and manufactures of ..	27,293,010	29,798,323
Tobacco, raw.. . . . .	29,422,377	27,103,996
Tobacco, manufactures of .. . . . .	6,010,141	5,668,853
Coal.. . . . .	19,502,813	20,765,461
Cotton goods.. . . . .	24,003,087	32,108,362
Vegetable oils .. . . . .	16,345,056	15,308,630
Oil cake and meal.. . . . .	16,757,519	19,779,142
Agricultural implements.. . . . .	16,099,149	16,286,740
Chemicals, drugs and dyes.. . . . .	13,203,610	13,288,218
Naval stores.. . . . .	12,474,194	11,733,562
Carriages and parts of.. . . . .	9,905,610	9,872,516
Fruits.. . . . .	11,642,662	8,719,344
Paper and paper goods.. . . . .	6,215,833	7,312,013
Paraffin and wax.. . . . .	8,602,723	8,858,844

Fish . . . . .	5,427,469	6,563,199
Seeds . . . . .	7,036,982	8,027,824
Fertilizers . . . . .	7,218,224	6,256,035

Total exports . . . . . \$1,394,483,082 \$1,381,719,401

Here we find that 70 per cent. of American exports are farm or cotton-field products, or minerals, or articles not manufactured.

The following is an exhibit of the nationalities of the vessels by which the imports were taken into United States ports, and the exports taken out, in the years 1900 and 1902.

Nationalities of steamers.	Imports brought in.		Exports taken out.	
	1900.	1902.	1900.	1902.
U. S. smrs..	\$77,661,555	\$88,725,603	\$66,219,958	\$68,570,114
Belgian . . .	23,925,458	19,212,540	19,943,206	17,955,693
British . . .	407,162,186	438,027,745	789,785,641	752,561,183
Dutch . . . .	24,231,188	29,527,638	34,478,310	37,950,145
French . . . .	61,448,137	57,864,530	23,006,993	19,821,722
German . . . .	97,552,696	107,142,898	141,076,331	135,746,932
Italian . . . .	1,977,882	10,568,378	7,610,551	18,816,261
Norwegian . .	28,725,285	26,225,025	30,401,667	25,747,392
Others . . . .	25,828,392	38,101,300	67,342,967	89,670,177
<b>Totals, foreign steamers .</b>	<b>670,851,224</b>	<b>726,670,054</b>	<b>1,113,645,666</b>	<b>1,098,269,505</b>
<b>Sailing vessels—</b>				
U. S. vessels	26,643,385	14,453,103	21,600,457	12,513,413
British . . . .	20,627,187	13,696,387	37,283,628	32,832,040
Dutch . . . .	851,906	67,727	1,036,824	1,155,285
French . . . .	336,632	454,159	2,340,750	5,321,322
German . . . .	1,843,842	937,007	7,682,694	8,903,608
Italian . . . .	1,816,389	1,233,384	3,437,047	3,172,314
Norwegian . .	1,695,056	1,430,032	8,738,129	5,893,710
Others . . . .	3,171,499	283,298	5,995,043	2,882,920
<b>Total foreign sailing . . .</b>	<b>30,372,511</b>	<b>18,101,994</b>	<b>66,514,115</b>	<b>60,161,199</b>

The trade between the United States and Great Britain apart from the shipping business is much of a one-sided affair, as the following shows:

U. S. Imports from Gt. B.	Total U. S. Imports.	U. S. Exports to Gt. B.	Total U. S. Exports.
1902.	1902.	1902.	1902.
\$165,865,720	\$903,327,071	\$548,595,117	\$1,381,719,401

These figures show that Great Britain supplied the States with only 18 per cent. of the imports, while Great Britain took 40 per cent. of the total exports from the States. On an average the Old Country buys goods in the American market every week to the extent of over 10 millions of dollars, and Canada spends in the same market an average of over one million and a quarter every week for American goods. It is certainly high time there was more reciprocity in the trade between the United States and Great Britain and Canada, but the concessions to establish this have all been made by the Americans, for, under present conditions, British trade with them is "jug-handled"—and they hold the handle.

THE CLOTHING TRADE.

In the matter of clothes man may be said to be drifting, if not from "post to pillar," at least from pursuit to persecution, from the time he feels himself capable of wearing garments longer than they are broad and held in place by anything stronger than a pin; to the time when, having finally ended his earthly mission, he

is supposed to be ready to "wrap the drapery of his couch about him and lie down to pleasant dreams."

When the aspiring youth of sixteen summers finds himself in possession of a suit of "store" clothes, which has that semi-iridescent nature of changing its hue after exposure to a rainstorm, he does not rail at fate, but simply "boy"-cots the ready-made clothing man who sold him union, cotton, or shoddy clothing under the pretext of it being pure wool. He may quit the ready-made clothing dealers for a time, but the price asked for an ordered suit, and the misfit, only too often looms up; and if he is not in a position to cast that suit aside, or bestow it on some, perhaps unworthy, yet needy personage of his acquaintance, who wears clothes merely because he has to, he feels himself compelled to go through the world, to the extent of the life of that suit, showing to all he meets that he is physically deformed, either a humped back, a crooked leg, a hollow chest, a "bicycle" stoop, foundered knees, or last but not least, wearing clothes bestowed on him by somebody "for sweet charity's sake." Either of these is sufficiently humiliating to the man desirous of keeping well dressed to cause him to seek until he finds the right tailor, or right make of clothing, and then "stick" by them "through thick and thin."

But just because man is a changeable being he does not long keep such resolutions, any more than he will keep—or be expected to keep—the resolutions he will make within the coming week. Neither will his memory—retentive or faulty—be kind enough to him, or revengeful enough on his old ready-made clothing dealer, to keep ever before his mind the fact that he was once, twice, thrice fooled by the man who supplied him with his best clothes. No, he meets a friend, who tells him of a clothing store where he can be fitted, "slick as an egg-shell" and with no more wrinkles or unshapely curves, and not only because he is told this by a confidential friend, but because his manner of judging all things in their proper way will be forever at fault, he goes to that clothing dealer, weighing nearly two hundred, height five feet five, and fully expects to get as good a fit as his friend, who is six feet tall and does not raise the beam at a hundred and sixty-five, and furthermore, he is humped before and aft where his friend is straight.

The dealer in ready-made clothing is expected to fit all shapes and sizes within certain exceptional limits, and he very often succeeds. But then, again, he often fails. As his big point is to make a sale there is little likelihood of his being the first to see a defect at a point whereon his customer's eyes cannot easily rest, at least, not without considerable difficulty and personal risk, unless he is a contortionist. Therefore he will press here and pull there and force back at another point until he has the clothes at a fixed position on a body that is not expected to remain as fixed, and the remark, "When you wear them for a few days they will be a perfect fit" generally seals the deal. He does not tell the customer, however, that constant stretching of cloth across will tend to shorten it the other way, and not only cause a garment to look out of place, but actually spoil the whole fit by drawing it unnaturally.

Many whose business or inclinations take them across the Atlantic and whose "human weaknesses"

on crossing the sea or in the straits make it necessary to replenish their travelling wardrobe, are loud in praise of the clothing purchased in England. It is not unusual when conversation turns on prices, cloth, etc., to hear one of a party of Canadians say, something after the following: "How much do you think I paid for this suit over in England? 'Twas ready-made. It fits me as good as any tailor ever fitted me, and as for wear; well, I've worn this suit now for nearly a year and look at it!" The price is generally a surprise. There must be something in it beyond the well-known fact that a man will buy abroad for the reason that it will give him subsequent chances to air his knowledge of Europe. English-made clothing wears better for the same, or less, money than Canadian, because they do not look for as much profit either in a manufacturing or retail way. They are content with much less, looking rather to extended patronage than to counting substantial profits on every garment.

It is well known that shoddy, union, fibre-dust and re-used wool (old rags), are largely employed of recent years in all manufacturing centres, and that much of this is sent far and near, as pure wool, or woollen goods, the profits on which are very large for all save the victim at the further end of the line, who risks wearing in a windstorm, or happens to catch his pants in a sliver when scaling a fence. With the introduction of English ready-made clothing in Canada, for which there is a large and growing field, the shears of our local cutters will require considerable sharpening and curving towards not only more economical methods, but towards entering better material, both of which will be necessary in order to compete with the product of a country where these qualifications of constant trade are practised and which we may be sure will not be lessened as they enter the Canadian field.

While competition is sometimes held to be a straining point, there are some lines of business requiring such, and the clothing trade of Canada is one which will largely benefit by the wholesome competition brought about through the introduction of English made goods. It will make competition of that healthy order which is really necessary for the successful continuance of such trade, for anything that will bring a higher level of workmanship into a new country must be considered an improvement.

With better and better-fitting clothing sold here at ordinary profit the field would gradually widen, people would buy more ready-made clothing; there would be more money paid, per individual, for ready-made clothing, for the people would wear better clothes and keep better dressed in proportion to their means. In short, such an innovation will be hailed with delight by the great masses of our people.

#### THE CITY OF ST. LOUIS FRAUDS.

The great city of St. Louis, Missouri, is doing a good work in clearing itself from the municipal corruption that had become so bold and rampant that at last it was no longer possible of concealment. The process of purification and the punishment of the evildoers has been going on for some months, but is not yet completed. A few days ago a batch of five members of the solidly sworn members of the nineteen Aldermen of the iron-bound compact, were tried for receiving bribes

in connection with city franchises. They were convicted and sentenced each to five years in the State penitentiary. That makes now some fourteen who have been sent to the penitentiary in this series of trials in St. Louis. They include some of the wealthy men of the city, who bribed the Aldermen. In this respect St. Louis affords an object lesson for other municipalities, for such wrongdoers are not, unfortunately, confined to any one city or to any one part of the continent.

#### THE LONDON & GLOBE FINANCE CO.

"The evils that men do live after them," and one of the worst of its kind, for the cruel wrongs committed against many people in England, is that known as the London & Globe Finance Corporation—one is tempted almost to say masquerading under the name—so close the resemblance—of one of the largest and most prosperous of insurance companies. If for no other reason we on this side of the water, have reason to deery its methods, because of the grief it brought upon the declining years of a Governor-General, whom every Canadian learnt to love and respect, the late Earl of Dufferin and Ava. The Statist of recent date, comments on the latest phase of the venture: "Failing ability to induce the law officers of the Crown to take action to bring to trial those responsible for alleged falsification of accounts and balance sheet of the London and Globe Finance Corporation, whose affairs are in compulsory liquidation, Messrs. James Flower & Co., of Throgmorton Street, large creditors, invite the support of their fellow-creditors and shareholders of the Corporation advocating an application to the High Court under Section 167 of the Companies Act, 1862, for an order directing the Official Liquidator to prosecute. It is desirable that those who approve such course—should put themselves in communication with the firm mentioned. The shifting of the subject from one official department to another and back again for some 18 months past has been extraordinary. It recalls the 'circumlocution office' described by the late Charles Dickens, and, but that the matter is serious, would be ludicrous."

#### THE ROYAL BANK AND ITS AMERICAN SHAREHOLDERS.

Mr. Pease, general manager of the Royal Bank, informs us that nearly all present stockholders have signified their approval of the scheme to issue \$500,000 of new stock to be taken by American capitalists, who have offered to pay \$250 for each share, being a premium of \$150. By this scheme the bank would acquire half a million dollars more capital and an addition to the Reserve Fund amounting to \$750,000. The new capital will carry with it the power to enlarge the circulation to that extent, so that, if the business of the bank calls for the use of all this money, it will have about \$1,750,000 on which to earn dividends payable on only \$500,000. If, then, the new capital, the enlarged Reserve Fund, and the increase in circulation only earn 3 per cent., there will be enough to pay 10½ per cent. on the new capital of \$500,000. But 3 per cent. is considerably below what such funds would earn under ordinary conditions, the probability being that, these en-

larged resources would make net earnings of 15 per cent. on the half million of new capital.

What the dividends would net to the American capitalists depends, of course, upon what the net earnings were upon the entire capital and other resources, as upon such results would depend the dividends. If the dividends were at the rate of 10 per cent. per annum, that rate of return would be \$10 for each share, therefore, as these shareholders gave \$250 for each of their shares, they would net 4 per cent. on their investment, and so proportionately. If the dividends were at the rate of only 7 per cent., their return would be at the rate of only 2.80 per cent., which, though very small, is more than what the shares of the leading banks of New York now realize at current prices.

Probably the prospect of securing a 3 to 4 per cent. investment explains the remarkable action taken by the Americans who are likely to secure \$500,000 of the stock of the Royal Bank.

The existing shareholders are to have \$500,000 of new stock offered to them, for which they would at once subscribe, but the premium they will be called upon to pay will certainly be far below what the Americans offer.

The working out of this new departure will be watched with great interest; what its effect will be on the market price of the Royal's shares is freely discussed and widely different opinions are held thereon.

#### GOLD MOVEMENTS AND THE MONEY MARKET ABROAD.

It is estimated that of the total output of gold from Australia, amounting to about \$50,000,000 a year, nearly \$20,000,000 have been shipped to San Francisco during 1902. Through that city, however, much of the receipts finds way to other parts of the United States. It is known, of course, that all over California, gold is in common use—differing in this respect from all other States of the Union—having refused to fall in with the Greenback currency during the war of Secession in the sixties, but which refusal its people had occasion to regret ere they were many years older.

Argentina has been doing what it can to avoid drawing upon London, and therefore shipping gold from Australia, as well as from the United States and South Africa. Consequently it is quite possible that nearly half the total output of Australia this year will be remitted to the United States and to South America, so that the shipments to London will be very much decreased. It will help, if nothing else, to keep up the value of money during the first three months of the coming year. But after a while the increased output in South Africa, as well as the continued output in Australia itself, will make the remittances to London much larger than they have been since the outbreak of the Boer war.

The French banks, as was expected, have not been renewing the American bills which they held in very large amounts, and which have been falling due all through the present month. The crops, however, are so good in the United States that trade bills have been numerous, and the proceeds of these trade bills were availed of to take up large numbers of the finance bills as they mature. Consequently the circulation of American finance bills was being rapidly reduced of late. A

very material reduction was affected some time ago, and later influences have been reducing the amount still more materially, so that the position is being improved gradually. There was reason to believe at one time that if the French banks carried out their intention not to renew the bills, the demand upon the London market would be such as would very materially raise the value of money there. Fortunately the favourable state of the American export trade has enabled so many of the bills to be paid off that the demand is nothing like so exacting as was anticipated. And thus the market was relieved, without at the same time drawing more heavily upon Paris. The immense balances which the French banks employed in London during the last three years were an incalculable advantage to the London market during the war; but now that the French banks have so materially lessened these balances the market became wholesomer and sounder in condition than it had been in since the beginning of the Boer war.

#### MODESTY AND PUSH.

The city of Atlanta, in Georgia, was lately visited by a fire, which destroyed a block of its business houses. The following day one of the city's enterprising papers made the modest announcement that Atlanta was "the greatest city on the face of the earth for its size, and was daily growing in size and beauty," and, as evidence of that fact, the statement was made that before the flames were extinguished at that fire the proprietors had already commenced to rebuild on a greater scale than before! Such public spirit and enterprise are worthy of all encouragement, and it may fairly be hoped that the city of Atlanta will continue to maintain the high standard it modestly claims among the cities of the world. It is evident that a new South has arisen, and that Georgia, true to its traditions, is no laggard in the race.

#### COMMERCIAL TRAVELLERS' ASSOCIATION BANQUET.

The Dominion Commercial Travellers' Association held its annual banquet in this city, on the 22nd inst., which was well attended. Several of the speeches were above the average, but it is doubtful whether such lengthy ones are fully appreciated on such festive occasions.

The President announced that the membership was now 4,000, and the association had a balance on hand of \$203,000. If all the members are "travellers," the association, with its 4,000 members, represents a body of business men whose aggregate annual income may be estimated at from 12 millions to 15 millions of dollars.

The Hon. Mr. Fisher, Minister of Agriculture, speaking of the foreign trade of Canada, said half the exports came from the farm. This year this class of exports were the only ones to increase. This year the immigration into Canada would be 85,000, most of whom were settling in the North-West, a region to which he drew the attention of commercial travellers. The Hon. Mr. Patterson made some remarks on the increased foreign trade of Canada, a theme which suggested to Mr. Tarte the comment that Canada should import less and manufacture more, more especially pulp and paper. Mr. Borden, M.P., urged public men to visit different sections of the country and acquire a more intimate knowledge of local conditions and feeling.

A lengthy speech was made by Mr. Stewart, manager of the Sovereign Bank, who proposed "Trade and Commerce." He strongly advocated the passage of an insolvency law for the whole Dominion on the lines frequently urged in and by this journal. He said: "We should all unite for the good of the commonwealth in securing an act which will at least have these two features distinctly prominent: The discouragement of reckless trading and the absolute impossibility of a fraudulent involvent being benefitted by his dishonesty."

Mr. Stewart said that duty compelled him to refer to the subject of stock speculation, respecting which he remarked:

"Gentlemen, you have no idea of the extent of this pernicious evil, it exists in banks, wholesale houses, shipping offices, and even amongst the farming community, and I feel that a word of warning may not be out of place here. For the benefit of the young men of the commercial world, I would say that I have never known a man of ordinary ability, who worked hard and attended strictly to his own business that did not make a success, whereas it has been the experience of most of us to know men of more than average ability and brains to be swamped in the vortex of the stock markets, who might have been princes among merchants had they devoted their energies and abilities to the business they understood. It is characteristic of men to speak about their profits, but you seldom hear of their losses on the stock exchange. I do not wish to be misunderstood in this matter. Trading in stocks is just as legitimate as trading in dry goods or boots and shoes. The wholesale merchant buys goods on the expectation of selling them five or six months later and then takes notes, which he expects to be paid three or four months after that; he cannot tell whether he will get paid or not, and buys his goods wholly on his judgment of the future and expecting to sell out at a profit. But he has the advantage of years of experience; he knows his clients as well as his market and makes due allowance for emergencies. All that is part of his experience; and it is his business, and he is expected to know and understand it. But when he buys stocks and shares what does he know about them?"

The banquet was highly enjoyed and the pleasure of the guests was enhanced by music provided by an orchestra, and Messrs. Dionne, Woodleigh, Le Bel and Duquet.

#### OUR SOUTH AMERICAN WHEAT RIVAL.

The great country of Argentina—which hardly knows how big it is, except that it is estimated to be about 1,000 miles from north to south—is probably our greatest wheat-growing competitor. Had the many errors in financing, for which chiefly its principal city had become notorious some years ago, not produced such a harvest of disasters, it should have been a much stronger rival in exports which every people need, wheat, Indian corn, linseed, hides, etc. The latest returns show that the wheat crop this year reached upwards of 80 millions of bushels, or about double that of our own North-Western Provinces and territories. Contrary to all earlier information, advices to hand are to the effect that the linseed crop will considerably exceed that of last year; and there are reports that the promise of the

maize crop is excellent. In the northern districts wheat harvesting has begun. Even in the great province of Buenos Ayres it will begin at the end of the month or at the beginning of the New Year. In addition to the excellent promise for all the crops, the rains which have recently fallen have immensely improved the pastoral industry. The final result promises that the exports from Argentina will so largely exceed the imports that there is likely to be a balance of trade in favour of Argentina of from 10 to 15 millions sterling. So far as the crops are concerned, there seems to be little room for doubt that they will be most excellent; but whether they will be quite as large as the estimates above given remains to be seen. It is even more difficult, however, to estimate the imports into Argentina, for if the country is doing exceedingly well, the imports may be increased. Still, there is a wide margin between 10 and 15 millions sterling, and therefore it seems safe to conclude that there will be a balance in favour of Argentina of nearly, if not quite, 10 millions sterling. That balance will have to be settled for largely by cash payments, and therefore it is possible that more gold may have to be sent to Argentina. For the present, however, as we learn from the Statist, every effort possible is being made to avoid disturbing the London money market. Gold, for one thing, is being shipped direct from South Africa to Argentina. Our readers will recollect that South Africa has drawn during the past few years on a great scale indeed upon Argentina, not only for food, but for horses, mules, and so on. Therefore the trade between the two countries has recently become very large, and naturally there is a considerable balance due to Argentina. To spare the London money market gold is being shipped direct from South Africa to Argentina. Indirectly, it may be said that it is practically tantamount to withdrawals from London, for it cuts off a supply that otherwise would have reached London. But it is not the same thing by any means. For withdrawals from London just now, when the money market is poorly supplied and the demand is strong, would be inconvenient, whereas the non-arrival of the gold from South Africa that is being shipped to Argentina a month hence will not be felt. Gold also is being drawn from Australia, and, as our readers doubtless have noticed, from New York as well. In short, if our information is correct, everything will be done to avoid withdrawing more gold from London during the current year. But if the Argentina crops really turn out to be as good as represented, there will be, as we have already said, a large balance in favour of Argentina, especially as the recent rise in wool is enabling Argentina to sell the commodity at very good prices. Consequently, it is quite possible that gold may have to be shipped in January or February at the latest. Then, however, it will not inconvenience this market so much as if it were now taken.

Argentina is the poor Italians' El Dorado (whence, however, he often returns to Bella Italia to buy dearer land), rivalling Brazil somewhat in this respect. One of the finest countries in the world is handicapped by the supineness of the governing races, who are largely of Spanish descent, whose time-honoured noon-day luxury, the siesta, covers that portion of the day when the man in the States (U. S. A.) is most wide awake, and adding to the building up of his fortune while bolting a lunch at some convenient restaurant counter.

WHAT CANADA BUYS—(24).

We continue publication of a list of the goods imported by our own people during the fiscal year ended 30th June, 1901, with the view of affording information to those of our friends abroad, who may be desirous of opening up or extending business in Canada. This alphabetical list, compiled from the Customs returns, is unavoidably voluminous and will probably run through the greater portion of the "Journal of Commerce" for the current half-year; but it should prove most valuable to

manufacturers in the United Kingdom and their representatives who would avail themselves of the advantages offered under our Differential Tariff which, it may be seen, allows one-third off the ordinary duty on goods of British manufacture exported to Canada. Any information which, alphabetically, must recur later on in our tables will be furnished meantime on application to the office of the "Canadian Journal of Commerce," Montreal:

DUTIABLE GOODS—(Continued.)

Countries.	ARTICLES IMPORTED.		ENTERED FOR HOME CONSUMPTION.						
	—Total Imports—		General Tariff.			Preferential Tariff.			
	Quantity.	Value.	Quantity.	Value.	Duty.	Quantity.	Value.	Duty.	
		\$		\$	\$		\$	\$	
Fancy goods, etc.—Cases for jewellery, watches, silverware, plated-ware and cutlery—									
Great Britain .....	.....	1,726	.....	1,319	461.65	.....	356	83.07	
(Austria-Hungary .....	.....	154	.....	154	53.90	.....	.....	.....	
France .....	.....	600	.....	600	310.00	.....	.....	.....	
Germany .....	.....	1,138	.....	1,138	398.30	.....	.....	.....	
Japan .....	.....	14	.....	14	4.90	.....	.....	.....	
Switzerland .....	.....	4	.....	4	1.40	.....	.....	.....	
United States .....	.....	2,427	.....	2,427	849.45	.....	.....	.....	
<b>Total .....</b>	<b>.....</b>	<b>6,063</b>	<b>.....</b>	<b>5,656</b>	<b>1,979.60</b>	<b>.....</b>	<b>356</b>	<b>83.07</b>	
Fancy, manufacturers of bone, shell, horn and ivory, N.E.S.—									
Great Britain .....	.....	298	.....	50	17.50	.....	248	57.20	
China .....	.....	2	.....	2	0.70	.....	.....	.....	
France .....	.....	60	.....	60	21.00	.....	.....	.....	
Germany .....	.....	71	.....	71	24.85	.....	.....	.....	
Japan .....	.....	3	.....	3	1.05	.....	.....	.....	
United States .....	.....	250	.....	250	87.50	.....	.....	.....	
<b>Total .....</b>	<b>.....</b>	<b>684</b>	<b>.....</b>	<b>436</b>	<b>152.60</b>	<b>.....</b>	<b>248</b>	<b>57.20</b>	
Fans—									
Great Britain .....	.....	1,996	.....	694	242.90	.....	1,294	301.94	
Hong Kong .....	.....	76	.....	76	26.60	.....	.....	.....	
Austria-Hungary .....	.....	508	.....	508	177.80	.....	.....	.....	
China .....	.....	328	.....	328	114.80	.....	.....	.....	
France .....	.....	1,296	.....	1,296	453.60	.....	.....	.....	
Germany .....	.....	1,692	.....	1,692	592.20	.....	.....	.....	
Japan .....	.....	1,314	.....	1,259	440.65	.....	.....	.....	
United States .....	.....	1,489	.....	1,491	521.85	.....	.....	.....	
<b>Total .....</b>	<b>.....</b>	<b>8,699</b>	<b>.....</b>	<b>7,344</b>	<b>2,570.40</b>	<b>.....</b>	<b>1,294</b>	<b>301.94</b>	
Flowers, artificial—									
Great Britain .....	.....	56,190	.....	8,281	2,070.25	.....	47,909	7,984.89	
Hong Kong .....	.....	161	.....	161	40.25	.....	.....	.....	
Austria-ungary .....	.....	202	.....	202	50.50	.....	.....	.....	
China .....	.....	9	.....	9	2.25	.....	.....	.....	
France .....	.....	20,965	.....	21,170	5,292.50	.....	.....	.....	
Germany .....	.....	4,819	.....	4,819	1,204.75	.....	.....	.....	
Japan .....	.....	17	.....	17	4.25	.....	.....	.....	
United States .....	.....	58,676	.....	58,920	14,730.00	.....	.....	.....	
<b>Total .....</b>	<b>.....</b>	<b>141,039</b>	<b>.....</b>	<b>93,579</b>	<b>23,394.75</b>	<b>.....</b>	<b>47,909</b>	<b>7,984.89</b>	
Feathers, fancy, undressed—									
Great Britain .....	.....	976	.....	527	105.40	.....	449	59.87	
France .....	.....	266	.....	266	53.20	.....	.....	.....	
Germany .....	.....	612	.....	612	122.40	.....	.....	.....	
Japan .....	.....	278	.....	278	55.60	.....	.....	.....	
United States .....	.....	7,628	.....	8,521	1,704.20	.....	.....	.....	
<b>Total .....</b>	<b>.....</b>	<b>9,760</b>	<b>.....</b>	<b>10,204</b>	<b>2,040.80</b>	<b>.....</b>	<b>449</b>	<b>59.87</b>	

## DUTIABLE GOODS.—(Continued.)

Countries.	ARTICLES IMPORTED.		ENTERED FOR HOME CONSUMPTION.					
	—Total Imports—		General Tariff.			Preferential Tariff.		
	Quantity.	Value.	Quantity.	Value.	Duty.	Quantity.	Value.	Duty.
Fancy Goods, viz.:—Feathers, fancy, N.E.S.—								
		\$		\$	\$		\$	\$
Great Britain .....		53,894		14,115	4,234.50		40,111	8,022.20
Arabia .....		4		4	1.20			
China .....		3		3	0.90			
France .....		16,942		16,942	5,082.60			
Germany .....		4,357		4,491	1,347.30			
Switzerland .....		262		262	78.60			
United States .....		20,302		20,299	6,089.50			
Total .....		95,764		56,116	16,834.60		40,111	8,022.20
Feathers, ostrich and vulture, dressed—								
Great Britain .....		81,760		10,823	3,246.90		70,937	14,187.40
France .....		14,986		14,986	4,495.80			
Germany .....		1,577		1,577	473.10			
United States .....		15,075		15,075	4,522.50			
Total .....		113,398		42,461	12,738.30		70,937	14,187.40
Ivory or bone dice, draughts, chessmen, etc—								
France .....		22		22	4.40			
United States .....		1		1	0.20			
Total .....		23		23	4.60			
Laces, lace collars and similar goods, lace nets and nettings of cotton, linen, silk or other material—								
Great Britain .....		534,463		165,298	57,854.30		373,230	87,087.91
Malta .....		28		28	9.80			
Austria-Hungary .....		446		446	156.10			
Belgium .....		12,471		12,769	4,469.15			
Denmark .....		112		112	39.20			
France .....		135,584		134,567	47,098.45			
Germany .....		70,792		68,866	24,103.10			
Japan .....		568		568	198.80			
Switzerland .....		11,051		11,358	3,975.30			
United States .....		31,982		31,977	11,191.95			
Total .....		797,497		425,989	149,096.15		373,230	87,087.91
Millinery, not elsewhere provided for—								
Great Britain .....		787		492	172.20		295	66.09
France .....		209		209	73.15			
Germany .....		3,967		3,967	1,388.45			
Japan .....				20	7.00			
United States .....		1,189		1,232	350.80			
Total .....		6,152		5,920	2,021.60		295	66.09
Toys and dolls, of all kinds—								
Great Britain .....		10,470		3,760	1,316.00		6,758	1,577.01
British East Indies .....		10		10	3.50			
Austria-Hungary .....		2,612		2,877	1,006.95			
China .....		70		70	24.50			
Denmark .....		2		2	0.70			
France .....		11,218		11,185	3,914.75			
Germany .....		135,788		136,643	47,825.05			
Holland .....		5		5	1.75			
Japan .....		980		986	345.10			
Russia .....		53		53	18.55			
United States .....		69,161		69,091	24,181.85			
Total .....		230,369		224,682	78,638.70		6,758	1,577.01

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### UNITED STATES FINANCES.

The banking firm of Henry Clews & Co., New York, write under date December 20:—The creation of the \$50,000,000 loan pool by many of the big New York banks had a decidedly beneficial effect. It was a very practical demonstration that powerful interests were agreed in protecting the market against an unnecessary crisis; that good and legitimate borrowers would secure such accommodation as they might need, and that no funds would be available for speculative purposes. What the emergency was, serious enough to call for such unusual action, is not revealed. It was probably general, and can no doubt be traced back to the large amounts of money involved in various underwriting and syndicate operations. For some time past it has been no secret that this was the weakest spot in the whole situation; and some of our ablest financiers have been sorely puzzled to know how the period of stress anticipated at this season of the year would be met. It is believed that all serious danger has been averted, and such, it is to be hoped, will prove to be the case. The mere assurance that \$50,000,000 will be available in case of crisis tends to remove apprehension and prevent such an emergency. It may be the money will not be wanted for the same reason that a depositor will not withdraw his account so long as he has confidence in his bank. The influence, however, of this offer by strong bankers upon sentiment is highly important and beneficial. Call money was easier at once, thought time money remains about 6 per cent.

It is worthy of note that in spite of the heavy liquidation of the last three months the contraction of loans has been only \$50,000,000 since highwater-mark in the middle of August. This is a comparatively small reduction, and is probably explained by the fact that American loans abroad have been freely cancelled or shifted to New York. Foreign bankers have been somewhat distrustful of American methods of financing, and this has thrown us more upon our own resources at a somewhat inconvenient season. As a result we ought to ship less gold in 1903 for settlements; so this enforced retrenchment has its advantages.

While time money is on a 6 per cent. basis and good stocks on a 4 to 4½ per cent. basis, it is evident no legitimate widespread bull market can be expected, in spite of the 20 to 30 points decline lately experienced. Either money rates or stocks must decline in order to equalize this difference; just which remains to be seen. There is much reason in the argument that after such an uninterrupted decline as that just noted a good reaction is due. Considering the activity and soundness of general

business, any improvement in the monetary situation would certainly warrant a fair recovery. The year closes with no signs of a cessation in that activity; on the contrary, there is every evidence that, if merchandise prices could be made to decline somewhat in proportion to the drop in stocks, a new and safer business level would be reached on which plenty of new contracts could be placed with confidence. present high prices are a serious obstruction to new enterprise. The effect of high prices has been strikingly illustrated in our foreign trade returns, which showed a loss of \$116,000,000 in exports during the last eleven months and an increase of \$75,000,000 in imports. Much of this loss can be traced to the deficit of last year's corn crop and its effect upon other cereals and meats which form a large part of our exports; but higher prices for cotton and oils, also manufactured products generally, stimulated imports and checked exports until our excess of exports for the eleven months of this year was only \$337,400,000, compared with \$527,900,000 same time last year and \$571,600,000 the year before. So persistent and heavy a decline in our international trade balance is highly significant. There is probability of a change for the better in this respect; for there is a good demand for corn for export this year, and the recent declines in wheat and corn are favorable to an outward movement of those staples.

The immediate outlook for the stock market is for a natural reaction after the recent very heavy decline in prices. Currency is beginning to return from the interior more freely and Treasury absorptions are diminishing, while lower prices for wheat and corn promise a better supply of export bills. To this extent the situation is a less disturbing factor; for there seems to be no misunderstanding between the United States and European Powers about the acquisition of new territory—the vital point of the Monroe Doctrine. Preparations for January disbursements will soon be completed, and a temporary money flurry would not be surprising. About the middle of next month, however, the monetary situation should show improvement, and if other developments continue favorable we will certainly have a good trading market. The general trend of the market for the present promises to be more confident on the buying side.

### DAIRY PRODUCE.

A private London circular, date 12th instant, treating of the dairy produce situation, says:—Butter.—The cold, bright and frosty weather of last week has lost much of its brightness, but the cold and frosty characters remain. The "Omrah," with the first shipment of Australian new season's butter, consisting of 1,635 cwt., arrived this week,

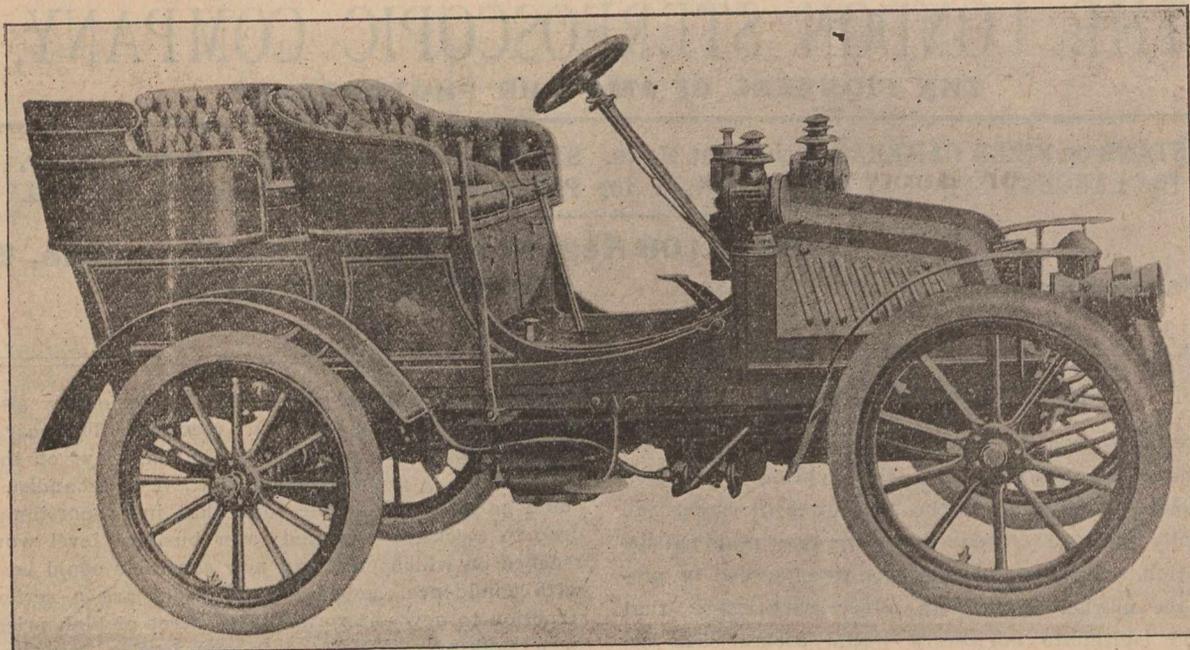
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and the prices realized range from 108s to 110s for "Finest," with 112s to 114s for "Choicest." A part of this shipment was purchased on a c.i.f. basis and so has not been sold on the spot market. A portion of the cargo consisted of New Zealand butter which has been sold into Australia and then sent on here to find a market. The "Oroya" left Australia this week with only 274 cwts. of butter, against a shipment of 11,277 cwts. for the corresponding week last year. The "Rimutaka" from New Zealand is due to-morrow with about 14,600 boxes on board, against an arrival of 26,080 boxes on the "Gothic" just twelve months ago. The "Aotea's" New Zealand butter has gone into consumption at 114s to 116s per cwt. for choicest grade, and 110s to 112s for finest.

Canadian butter meets an increased demand at last week's prices on the spot, although c.i.f. quotations have risen 2s on the week. The imports reached 6,035 cwts. last week, making a total of 250,106 cwts 1st July, against 190,188 cwts. for the corresponding period last year. The Danish official quotation remains unchanged at 102 kroner, equal to 114s 6d English money. The prices on the market here are 118s to 120. There is an improvement in price in almost all classes of cheaper butter. French baskets have advanced 6s per cwt., Russian casks about 3s to 4s, owing to the decreasing stocks of a good shilling retail butter.

Cheese.—There is more interest in the market for Canadian cheese, and prices have a hardening tendency. From Canada c.i.f. quotations come a shilling dearer on the week. In this report last week, owing to an accident with the figures while going through the press, the stocks of cheese in the United Kingdom were given incorrectly. The sentence should have read as follows:—"In the United Kingdom the stocks in London, Liverpool and Bristol on 1st December this year were 301,000 boxes against 374,000

last year. Quotations: Canadian choicest 59s to 60s; finest 56s to 57s. Corresponding week 1901, Canadian choicest sold at 47s to 48s, and finest at 44s to 46s.

### LEGAL RECORD

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

### WRITS ISSUED—ONTARIO.

Ottawa—Brenner Bros. vs R. E. Jamieson \$366; Merchants Bank vs Archd. Stewart et al \$31,365; St. Joseph—Peoples Bank vs N. M. Cantin \$303; Toronto—R. M. Slater vs H. Gordon \$1,200; Alexander & Ferguson vs R. A. Graydon \$1,537; T. A. Rowan vs J. L. Ross \$875; Duluth, Minn.—G. H. Perley vs A. B. Upton et al \$9,249; Ottawa—Amelia Deroche vs F. Gagneau et al \$890; Point Edward—A. Gray vs J. L. Board \$467; Toronto—Ontario Sugar Co. vs S. F. McKinnon \$5,164; S. E. McCartney vs D. A. Robson \$589; R. K. McIntosh vs J. A. Wilson \$2,985; .....—J. Davidson vs Insurance Co. \$3,500; .....—J. Davidson vs Union Assur. Socy. \$2,500.

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For Bacteria Beds.**

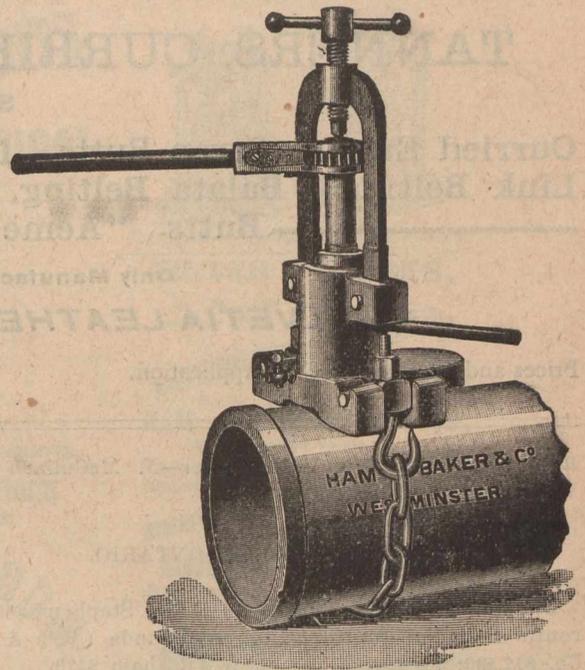
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and Districts.**



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

#### WRITS ISSUED—MANITOBA & N.W.T.

St. Jean Baptiste—Loiselle Bros. \$394; Altna—Schwartz & Braun \$857; Dundurn—L. Carson \$806.

#### WRITS ISSUED—BRITISH COLUMBIA.

Victoria—Sidney & Nanaimo Transport. Co. \$448.

#### JUDGMENTS RENDERED—ONTARIO.

Ottawa—Cathie Grant agt John and Cathie. Paul \$801; St. Joseph—Peoples Bank agt N. M. Cantin \$504; W. McVicar agt N. M. and Josephine Cantin \$1,577; Toronto—Kerr, Macdonald, Davidson and Patterson agt E. H. Duggan \$514; J. Davis agt Wm. Leopard \$334; Louth Tp.—S. Rittenhouse agt J. H. Krutz \$2,534.

#### JUDGMENTS RENDERED—QUEBEC.

East Farnham—Manchester Hardware Co. agt Jos. Menard \$9,138; Head & Doust Co. agt Joseph Menard \$341; Montreal—J. L. Reay agt Can. Forwarding and Export Co. \$651; City of Montreal agt Jacques Forte \$2,864; P. E. Duhamel agt A. Larue \$226; L. P. Bernard et al agt Augustin Lepage \$324; F. Buller agt De. Anna M. Morris et vir \$1,920; Mary A. Bradshaw agt De. Jessie Reid \$363; McD. Lamb agt C. L. Tiffin \$357; Victoriaville—A. Laramie agt Dominique Faucher \$326; Cote Visitation—W. S. Evans agt Naic Vermette, Jr. \$4,577; Lachine—H. A. Mackie agt R. C. Thorneloe \$1,100; Montreal—Dominion Bag Co. agt C. A. Bull Produce Co. \$250; Banque Nationale agt S. C. Oxtou \$289; N. Beauchamp agt Delle Alexine Seguin \$200; F. Wilder et al agt J. E. Wilder et al \$250.

#### JUDGMENTS RENDERED—BRITISH COLUMBIA.

Morrissey—Robert Schram \$538.

#### EXECUTIONS—QUEBEC.

Montreal—De. M. Corse agt Thos. Gauthier et al \$582; R. Inglis agt Edinburgh Roperie & Sail Cloth Co. \$404; L. Masson agt De. M. A. Gringras et al \$260; The King agt Ulderich Laberge \$212; T. R. Ridgeway agt J. N. Metivier \$2,607; St. Polycarpe—De Marie Charlebois agt Jos. Ludger \$599.

#### CHATTEL MORGAGES—ONTARIO.

Lakefield—C. L. Ferrer to J. Lewis et al \$2,802; Midland—Chas. Martin, Jr. agt Playfair Preston Co. \$7,000; Norwood—Phoebe and W. H. Minnaker to S. L. Fouch \$589; Ottawa—Joseph Kavanagh and wife to M. Kavanagh \$2,000; J. H. Kavanagh to M. Kavanagh, \$3,000; Peterboro'—H. C. Winch to Mary A. Robinson et al \$2,400; St. Catharines—H. J. Rogers and Robt. Ditch to H. E. McEvoy \$2,600; A. V. Staats to H. Wise \$2,346; St. Thomas—John McCollom to M. Goughner \$1,000; Toronto—Mary J. Dunfield to Caulfield Burns & Co. \$3,569; John Stormont to G. J. Foy \$2,527; John Stormont to O'Keefe Brewery Co. \$5,910; Berlin—C. N. Huether to Randall & Roos \$1,658; Bradford—Bradford Gas Co. to A. E. Scanlon \$1,200; Gananoque—W. F. Stevens to W. Hale \$2,514; Louth Tp.—R. W. Gregory to G. Barnes \$1,276; Ottawa—Leger and wife to F. W. Carling et al \$2,050; Toronto—R. O. Halley and wife to Canada Perm. Corp'n. \$927; Toronto—Saml. Paterson to W. W. Nation \$4,335.

#### CHATTEL MORTGAGES—MANITOBA & N.W.T.

Austin—H. E. Thomson \$1,490; Dauphin—Wm. Bell \$1,900.

#### CHATTEL MORTGAGE—BRITISH COLUMBIA.

Fernie—Cedar Valley Improvement Co., Ltd., \$9,000; Hotham Sound—H. Hollingsworth \$2,624; Slocan—H. J.

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Robertson \$980; New Westminster—J. McCulloch \$2,535; Vancouver—A. Mitchell \$3,164.

## BILLS OF SALE—ONTARIO.

Dummer Tp.—S. S. Spence to E. G. Stephens \$600; Toronto—Canadian Motors, Ltd., to Canada Cycle &amp; Motor Co. \$12,500; Edward Gegg to W. Botham \$570.

## BILLS OF SALE—BRITISH COLUMBIA.

Kimberley—H. W. Drew \$940; Vancouver—Geo. Alexander \$3,535; H. Peppard \$4,360.

—The tanners' section of the Board of Trade met in National Club, Toronto, recently, and were entertained to luncheon by the retiring chairman, Mr. C. G. Marlatt. The yearly report was submitted as follows—"It is satisfactory to report a steady business during the year 1902, with no great change in values in either hides or leather. Hide values have ruled extremely high and the present prices are about the same as those current at the beginning of the year. The general trade of the country has been good, and tanners of all classes of leather have felt the benefit of the prevailing prosperity. Boot and shoe manufacturers, as well as others engaged in the manufacture of articles largely composed of leather, such as harness, trunks, bags, etc., report a satisfactory season, and not only can manufacturers in large cities congratulate themselves, but those in smaller towns and villages can show an increasing trade with a fair profit. While Montreal and Quebec shoe manufacturers have been busy, it is noticeable that the quantity of boots and shoes manufactured in Ontario is constantly increasing. It might be well to note the falling off in the local consumption of the general run of ordinary black leathers, such as splits, buff and glove. The use of waxed and grain upper has also been very limited. Factories that have cut this stock largely heretofore are now buying finer leathers to meet the increased demand for more expensive boots and shoes, and the aim of the tanner of to-day should be to produce stock of the highest standard as to quality, the existing conditions requiring it both for home consumption and the export trade. The Ontario tanner has been able to compete more successfully in all markets during 1902 than for some years past, which is largely due to the improved labor-saving machinery used, and the more efficient plants which are now existent. Failures have been less than in former years, and this may be considered a good year for

the leather industry. The outlook for the coming year is promising." Mr. F. T. Daville, of Aurora, was elected chairman of the tanners' section; Mr. John Brockant, Berlin, vice-president; Messrs. A. O. Beardmore, Toronto; C. C. H. Lang, Berlin; A. R. Clarke, Toronto; John Welsh, Hastings; George B. P. Beale, Toronto, Executive; Messrs. C. J. Miller, Orillia; L. J. Breithaupt, Berlin; S. R. Wickett, Toronto; W. D. Beardmore, Toronto; George McQuay, Owen Sound, Inspection and Arbitration Committee.

—Since Gurd's oil gusher was struck in Raleigh Township, nine miles from Chatham, Ont., says a late letter, no other oil wells were successfully put down until this week. There had been the usual number of dry holes, and the drillers were beginning to get disheartened. This week two operators are reported to have been successful. They have found the oil rock, and indications are good. Carman and Fairbanks have a fair flow of oil in the well just completed at Pardos Siding, on the Lake Erie Railway. The well is on the farm of Mr. Van, on Canada Company land, about a mile and a half south of Gurd's gusher. The well has not been tested yet, so that its capacity cannot be estimated. The Corey well on the Walker farm is also showing oil. The flow of gas from all the wells is very strong, and the gas is being utilized as fuel for the engines used in the drilling operations. There has been about eight dry holes put down so far. These are all to the north-east, and west of the gusher. The Carman well is the first prospecting to be done to the southward, and proves that the direction of the oil field must be south. Gurd's gusher is still producing. It flows spasmodically now, and has to be pumped at intervals. For the past day or two the well has been shut down owing to the pumping gear being out of order. They started pumping the well again at 5 o'clock this afternoon, and it was producing oil at about the rate of ten barrels per hour.

—The London Leader, in discussing the dependence of British industries on foreign supplies, gives the following list of imported manufactures that feed local industries, the amounts being yearly averages: Glue, £500,000; unprinted paper, £3,000,000; mouldings, £300,000; linen yarn, £750,000; cement, £80,000; iron and steel, £5,000,000; leather, £8,000,000; glass, £3,500,000; strawboards, £1,000,000; woollen yarn, £2,000,000; wood manufacturers, £2,000,000. This makes a total of £26,380,000, which represents the finished product of foreign manufacturers and the raw material of domestic industries.

—Our French railway administration will, says a Paris letter, be the first to introduce electric traction on long-distance lines. An official of the Paris, Lyons and Mediterranean system, thus refers to the new system: "While

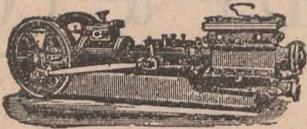
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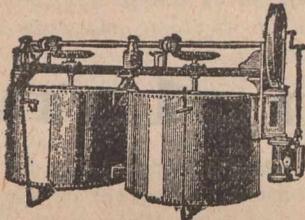
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The Best  
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**CRUTCHING MACHINES**

New Bar-Cutting and  
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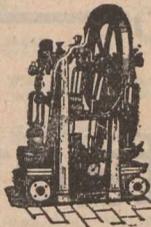
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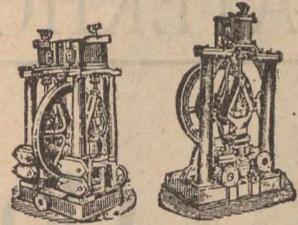
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**BRASS AND IRON CASTINGS  
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VERTICAL AND  
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**FILTER PRESSES,**

In Cast Iron  
or Gun Metal.

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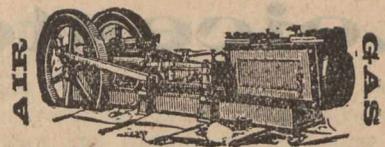
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With Improved Valves.  
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**MECHANICAL FURNACES,**  
Absorbers,  
Hoists, Cranes,  
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Edge-Runner or Burr with Patent Necks.

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## Chemical Plant

PRICES AND PARTICULARS ON APPLICATION.

Special Prices to Canadians under the new Tariff

other nationalities have been talking we have been acting, with the result that within six months the south express from Paris to the Pyrenees will be run entirely on the automobile principle." Experiments in this direction have been conducted with the greatest secrecy and with almost unvarying success, except in the case of heavy freight trains, where damage to the apparatus was almost the invariable result. Beginning June 1 the first ordinary express trains between Paris and Lyons—a distance of nearly 400 miles—will be operated solely by the electric current. The distance will be covered in less than five hours—little more than half the present schedule time. Should this innovation prove a success the system will at once be extended. "It has certainly proved cheaper," said the above-mentioned official. The electric locomotives are 17 metres (56 feet) in length, and are pointed fore and aft. The traction apparatus occupies only two and a half metres (seven feet six inches) and consists of a 220 horse-power generator. A single operator is sufficient to control the engine. At the outset the trains will be composed of two carriages, each seating 50 passengers. Later two more will be added. The details are yet to be studied, but there is no doubt that the system will be a practical success. The splendid working of the electric line between Paris and Versailles is understood to have given impetus to the installation of the system on a larger scale, and to such an extent that French officials predict a speedy revolution of traction on all existing lines.

—Officials of the Reading Railroad Company, says a Philadelphia letter, hold out no hope of relief this winter from the present anthracite coal stringency, despite the efforts on the part of the company to mine and ship to its full capacity. "Under normal conditions," said one of the officials, "the anthracite production never is equal to the demand during the winter months, and the Reading and all the other anthracite companies have been obliged to draw upon the stock at the various storage points to help out the demands of the trade. This year there is not a pound of coal at any of these storage points, and consumers are dependent entirely upon the daily output of the mines. Practically all of the companies' collieries are in operation." Reading officials decline to discuss the question as to whether the advance of 50c a ton made in October will hold good during 1903, but they admit that it certainly will rule beyond January, 1903, the date fixed by President Baer for the reduction of the old rate. One operator says the advance will be retained during the next year. The anthracite output in normal years reaches from 52,000,000 to 55,000,000 tons, and it is estimated that to meet the increased demand the companies will turn out in 1903 at least 56,000,000 tons, and probably 60,000,000 tons.

—A party manifesto just issued, says a Berlin cable, asserts that the increased revenue from the new tariff will amount to \$52,500,000 yearly, of which \$43,750,000 will

TELEGRAMS : RIBOTINE, LEICESTER.

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**IMPORT DUTY** Under New Tariff is  
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**Boys Sailor & Canadian Suits  
in Serges, Tweeds & Velvets  
in Great Variety.**

Patterns sent free of charge or  
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Specially adapted for Colonial trade.

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FAMOUS WORKS,

**Rutland St., - ENGLAND.**

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Telegraphic Address: "BERGER," Lester

be from agricultural products. An official statement regarding the forthcoming budget estimates the receipts from the customs in 1903 at \$118,000,000, a decrease of \$2,750,000. This estimate was made under the existing tariff. The excise receipts are estimated at \$80,750,000, a decrease of \$3,125,000. The receipts from the stamp tax, bills of exchange, Boerse transactions and lottery tickets are fixed at \$23,250,000, a decrease of \$375,000.

—In the U. S. Senate this week Mr. Lodge (Rep., Mass.) introduced a bill to admit coal free of duty from Canada, when the President is satisfied that no duty is imposed by that country on coal from the United States. The effect of the bill is the same as a reciprocity treaty, but Senator Lodge believes the object can be just as well attained by legislative action. The rate of duty on Canadian bituminous coal is 57 cents a ton.

—Mr. Charles C. McIntyre (McIntyre, Son & Co., wholesale dry goods merchants) and his brother, Mr. John M. McIntyre, have returned from a trip of a couple of months it shall be given."

Telegrams: "HANDEL," Leicester.

LADIES' SKIRT KNICKERS.

# HALL & EARL,

## Braunstone Gate, LEICESTER, England.

MANUFACTURERS OF

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



Special terms for Canadians, under the New Preferential Tariff.

—"Some newspapers of the United States," says the Montreal Gazette, appear to be making much out of the fact that when the employes of Markle & Co., the independent coal operators, received their first pay after returning to work they found six months' rent of the houses in which they live had been deducted. Why not? Why should Markle & Co. show consideration for men who showed not the slightest consideration for them? It hasn't come to the point yet where, when a man's employes see fit to strike, that he is expected to feed and house them until they are ready to return to their labors. yet some people are apparently under the impression that this should be so."

—An informal meeting of the creditors of C. W. Anderson & Sons, private bank, Oakville, Ont., was held in the council chamber on the 25th instant, about seventy-five being present. Mr. John MacDonald was appointed chairman, and Mr. W. S. Davis secretary. Mr. MacDonald, in his opening remarks, said he was probably one of the largest creditors and the object of the meeting was to get an expression of opinion as to the line of action they should pursue. All present seemed to be of the opinion that the proper and most economical way of closing up the defunct bank's affairs would be to appoint a local

manager to wind it up and pay off the Bank of Hamilton's claim. A committee of three was appointed to go to Hamilton and investigate securities held by the bank and report at next meeting.

—A Sault Ste. Marie dispatch of the 26th inst. says: The greatest volume of commerce in the history of the greatest ship canals of the world is shown by the completed statistics of traffic through the waterways at Sault Ste. Marie, Michigan and Ontario, for the year, which amounted to 35,961,146 freight tons, exceeding that of last year, also a banner season, by 7,558,081 tons. It illustrates as nothing else can the great development that is being made of the great North-West, whose products, to a large extent, find their way to the east via the Great Lakes route. Of this freight the eastbound amounted to 30,275,989 tons; westbound 5,695,157.

—The establishment of a beet sugar factory at Whitby, Ont., was considered at a recent public meeting. Ex-Mayor Rutledge presided. The opinion was that the local requirements to assure the investment of about three-quarters of a million dollars, six-sevenths of which will be supplied by New York capitalists whom Mr. F. Howard Annes has interested in the enterprise, can be satisfactorily met. It was decided to run an excursion to Berlin the first or second week in January.

## W. & J. Pegg,

### HOSIERY

### Manufacturers,

### St. Nicholas Square,

### Leicester,

### England.

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

Cuts will appear next week.

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



## SHAW BROTHERS,

### Leather Lace Manufacturers,

Stone Bridge Street Works, - Leicester, England.

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

# The Lancashire Felt Co., Ltd.,

DENTON, near MANCHESTER, ENG.

Manufacturers of **WOOL AND FUR BODIES.**

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

—The first parcels to reach Ottawa from England under the prepaid duty plan arrived on the 22nd instant. In England the transmitter pays ten per cent. of the duty. The parcels are opened at the Custom-houses in Canada, assessed for duty, the card of notification is duly marked, and if the desire be for the party in England to pay the balance of the duty, the card is to be returned to him by the receiver.

—A seizure of raw furs was made at Hull, Que., Station on the 22nd inst. by Sheriff Wright, acting under instructions of Provincial Game Warden Cormier. The consignment consisted of four hundred musk-rat and forty beaver skins, and were shipped from Maniwaki, up the Gatineau. They were consigned to a Montreal firm. The ground of seizure is that the skins were taken out of season. The shipper will be prosecuted.

—Petitcodiac, N.B., was visited by a serious fire on the 26th instant. Among the stores burned were McLean & Ryan's, J. J. McAfee's and Blakney Bros., and two warehouses owned by H. W. Church. The loss not yet estimated. It is partly covered by insurance.

The Canada Wood Manufacturing Company has been incorporated with a total capital stock of \$500,000. The

incorporators are:—Messrs. C. E. Stone, O. M. Hudson, Toronto; W. G. Morden, London, England; E. Bayly and A. D. George.—Letters patent of incorporation have been granted to the Centrifugal Windmill and Manufacturing Company of Guelph, capital \$20,000.

—Our city contemporary, the "Montreal Gazette," has issued a handsomely printed Christmas number. The front page of the cover is worthy of all praise both in design and in execution of high-class colour work.

—Madrid advices state that the Bank of Spain proposes to establish branches in Havana, Mexico City, New York and Buenos Ayres.

—The Canada Life Assurance Company begins business in Great Britain with the opening of the new year.

—Dominion Line Steamers between Liverpool and Boston will call at Halifax, beginning next month.

—The Canadian Pacific has, it is reported, decided to build a new station in Winnipeg.

# Thomas Ashby & Sons,

East Bond Street, - LEICESTER, Eng.

—MANUFACTURERS OF—

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

33 $\frac{1}{3}$  p.c. cheaper than other Countries, under the New Canadian Preferential Tariff.

Telegraphic

Address:

Modern,

LEICESTER.



**TASKER, SONS & CO.**

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

Government Contractors.



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

**SHEFFIELD,**  
- - -  
**England.**  
32 ANGEL STREET,

**Leather Merchants and Mill Strap Manufacturers.**

**THE LIVERPOOL & LONDON & GLOBE.**

As might be expected, the business of our large and long well-managed establishments is keeping pace with the general progress of the country, which for the last year or two has been, as it were, by leaps and bounds. Among them that giant of insurance companies, the Liverpool & London & Globe, is prominently to the fore. The enlarged facilities to be afforded by the stately new structure on its time-honored site in this city, now approaching completion, call for more extended official service in the near future. With this object in view the company have, after much consideration, chosen Mr. J. G. Thompson to fill the position of associate manager with that highly respected veteran in the profession, Mr. G. F. C. Smith, whose services as manager of the company in Canada cover a good half of the nineteenth century. The change fixed upon has been an open secret for some time, but Mr. Smith's retirement has meantime been officially fixed to take place at the close of 1903. The retiring manager has always been one of the most active and indefatigable in a very exacting profession, and his activity shows little signs of being on the wane. The company has indeed been fortunate in securing a man

so well-fitted by experience, ability, acquaintance with the large field covered by the business in Canada, to succeed to the management, especially at a time when the Dominion is making such remarkable progress in business prosperity. Mr. Thompson is not a stranger to our readers, having been for many years Canadian manager in Toronto of the Lancashire Insurance Company until its amalgamation with the Royal last year. He had meanwhile taken charge of the Montreal offices of the London & Lancashire Fire Insurance Co. His appointment to the exalted position is consequent upon the recent visit of Mr. D. I. Alsop, the able assistant manager of the Company at Liverpool. Mr. William Jackson, who has been Mr. G. F. C. Smith's active and zealous right-hand man for many years, has been advanced to the position of assistant manager. Mr. Jackson's connection with the company covers about a quarter of a century.

**NEW BRANCH BANKS.**

Branches of the Traders Bank have been opened at Lakefield, Ont., and at Schomberg, Ont. The Bank of Toronto has opened a branch at Oakville, Ont.

**We do not Belong to any Ring or Combine.**

**I. P. Clarke & Co.,**

BELGRAVE THREAD MILLS,  
LEICESTER, England

**Sewing Machine Cotton**

HIGHEST QUALITY ONLY.

**Six-Cord**

400 320 300 200 yards.



Special terms to Canadians under the New Preferential Tariff.

Established 1834

# Jackson & Pochin,

Star Works,  
LEICESTER, England.

Patent Specialities in



## Boot Machinery, &c.

Cable Address: "STAR," Leicester.

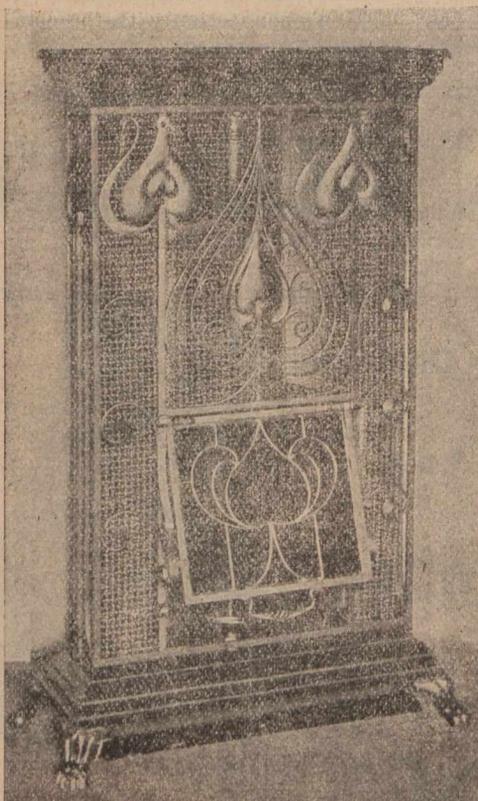
### CHINESE TARIFF.

The new Chinese tariff went into effect October 31. The Haikwan tael, in which duty is calculated, is about equivalent to sixty-three cents Canadian money, the 'picul' is 133 1-3 pounds and the catty is 1 1-3 pounds. The import duty on articles of interest are:—Beeswax, yellow, 1.6 taels per picul. Ginseng, crude, first quality, exceeding in value two taels per catty, per catty H. taels, .220; second quality, value under two taels per catty, H. taels per catty, .072. Clarified or cleansed, first quality, exceeding in value eleven taels per catty, H. taels per catty, 1.100; second quality, value exceeding six but not exceeding eleven taels per catty, H. taels per catty, .375; third quality, value exceeding two but not exceeding six taels per catty, H. taels per catty, .220; fourth quality, value not exceeding two taels per catty, H. taels per catty, .080.

### STRATFORD, ONT.

During the last few years the city of Stratford has made great advances along the line of manufacturing. On Wednesday last a by-law guaranteeing bonds to \$30,000 for a biscuit and confectionery company was carried by a vote of 1,200 to 8. There have been established within a short time on good financial footing the Whyte pork packing industry, with ample capital; the Geo. McLagan Furniture Co.; the Globe Wernicke Co.; and the Kemp Manure-spreader Co. These latter have all erected large and commodious premises, employing a great number of skilled mechanics and skilled labour.—The G. T. R. already employ about 700 hands, and are looking for an increase of fifty per cent. next year in their shops.—A general advancement in the business and property of the city is assured.—Stratford has had no failures for a long time; the business men are all progressive.

Telegrams: "WARMNESS, London."



C 8. Inclusive Price, £12 12 0

## 'LUX-CALOR'

Ritchie's Patent  
Condensing Gas Stove.

No Flue Required.

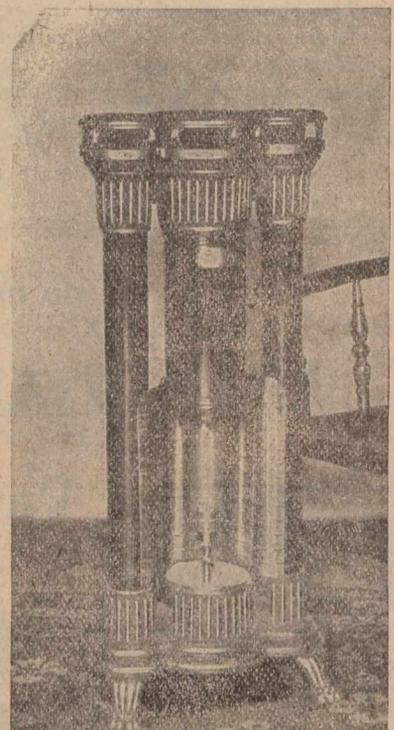
Supplied to His Majesty the King at Buckingham Palace; The Bank of England; the Mansion House; the Guildhall; the Society of Arts; the Royal Observatory, Greenwich; the London County Council; the Metropolitan Fire Brigade; the Stock Exchange; "The Lancet" Office; and the principal Gas Companies of the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

### RITCHIE & CO.,

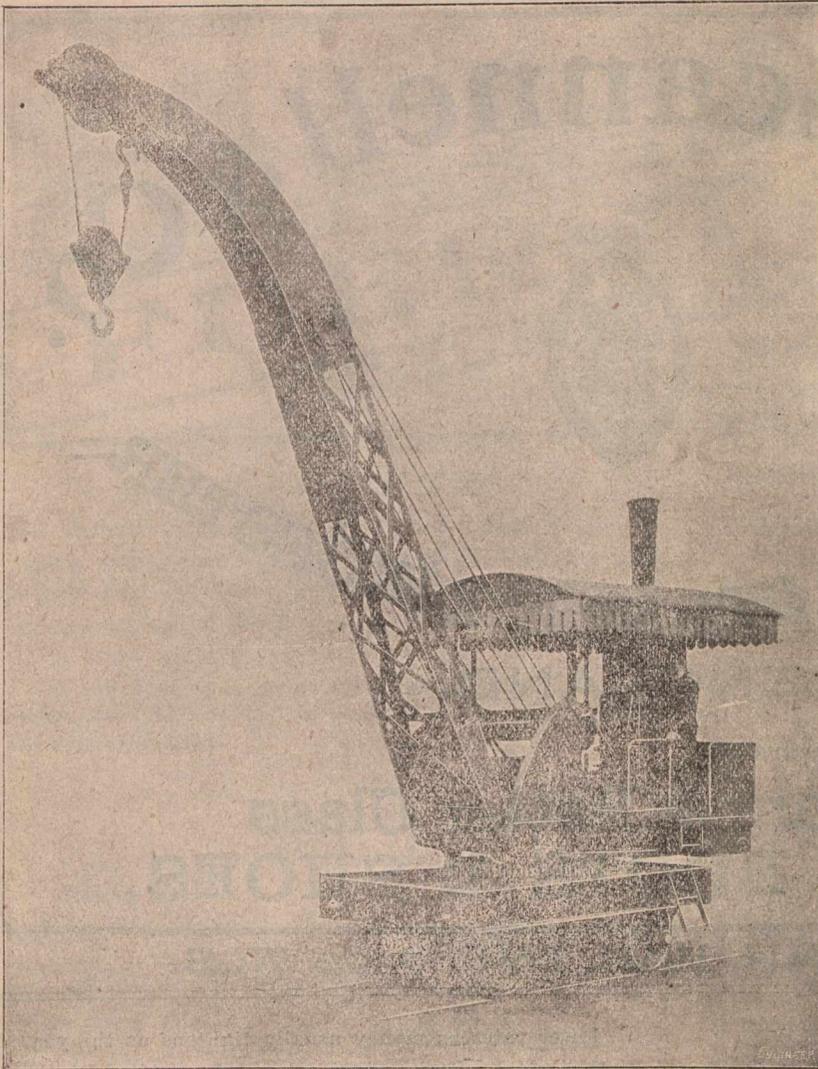
Contractors to the  
London Gas Companies.

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

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



D 8. Inclusive Price, £4 5



FOR IMMEDIATE  
SALE!  
THIS  
**IMPROVED**  
**CRANE**

To Handle 5 Tons at  
16ft. Radius, Free on Rails.

EXHIBITED AT THE  
WOLVERHAMPTON EXHIBITION.

**Jessop & Appleby**  
BROS. (LEICESTER & LONDON), Ltd.

HIGHEST BRITISH AWARDS FOR  
CRANES AT PARIS, 1878, 1889, & 1900

London Steam Crane Works,  
LEICESTER, Eng.

22 Walbrook, LONDON, E C., Eng.  
Cable: "JESSOP, LEICESTER.,

CALENDARS.

The Confederate Life issues a neat little souvenir, fastened with a Nile green ribbonette, and with an embossed cover, on the front of which are represented "ships coming in" to harbour.—The North American Life sends us the usual gilt-edge, Russia-leather-bound, vest-pocket diary for the new year.—Reciprocal good wishes are due the Imperial Life Assur. Co. for their seasonable enclosure.—The Ontario Bank has issued a vest pocket diary neatly bound in red leather and containing much valuable information.

Correspondence.

EXECUTOR, Charlottetown.—The method you refer to of estimating bank profits has become customary. You have omitted to send your name and address—not for publication.

—The United States Supreme Court held that insurance on the life of a murderer, executed for his crime, is not payable.

**T. SHEPPARD & CO.,**

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

Every Manufacturer should see  
our NEW DESIGNS in

**Clicking and  
Revolution Presses.**

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

**SPECIAL NOTE.**

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



**Sole Cutting Knives  
ASPECIALTY.**

Our Deep Knives for the  
Revolution Press are guaranteed  
to be of the best steel and work-  
manship.  
Depth 4 inches and 4 1/2 inches

**FACTORIES FITTED  
THROUGHOUT.**

Price List on Application.

LATEST DESIGNS.

LIGHT, FLEXIBLE &amp; DURABLE.

W. T. Scannell &amp; Co.

CHARLES STREET, LEICESTER  
ENGLAND.

Wholesale Export Manufacturers of

Medium & Better Class  
LADIES' BOOTS & SHOES.

GOODYEAR WELTED AND M.S.

HIGHEST WORKMANSHIP.

## FINANCIAL.

Montreal Friday noon, Dec. 26, 1902.

The day after Christmas Day partakes much of the holiday features of the season to furnish financial news. The local stock exchange closed early on Wednesday. Business was resumed this morning, but much activity will not be developed during the holiday season, as many operators are absent and others waiting developments. In New York there was a reaction on Tuesday from the favourable movement. The rate for call loans was put up to 10 per cent., which eased off later to 6. Those who were figuring on an easier money market were disappointed and some were surprised at the banks calling loans and declining to make remarks. This is not the season for

lower rates as money usually tightens as the year draws to a close. Some surprise has been excited by the stock of the Imperial falling off several points. This was a case of "much ado about nothing." The Imperial has the account of the Lake Superior Company, which has been reported to be meeting with some difficulties. The bank is more than amply secured for whatever obligations the company has. The Imperial stock is held by investors, none is on the market, it is too good a thing to part with, and quotations of its shares are largely matters of form. There has, however, been a movement to acquire bank stocks as rumours of increased dividends and new issues have brought them more into favour. But sales have been few. Commerce has been sold at 162; Dominion 246½; Hamilton, 231; Merchants 160—; Quebec

WILLIAM LANGHAM & CO.,  
Fancy Hosiery & Divided  
Skirt Manufacturers,



Causeway Lane, - LEICESTER, ENG.

We supply under the New Canadian  
Tariff, 33½ p.c. in their favour.

El Padre Needles

10 CENTS.

VARSITY,

5 CENTS.

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

Made and Guaranteed by

S. Davis & Sons,  
MONTREAL, Que.

**SPECIALITIES**

Castor Oil  
Olive Oil  
Ravison Oil  
Nut Oil  
Cod Liver Oil  
Essential Oils  
Castile Soap  
Oleine  
Stearine  
Glycerine

Alkali  
Bleach  
Salteake  
Sulphur  
Potashes  
Sul. Copper  
Verdigris  
Camphor  
Mercurials

Lithia Salts  
Phosphoric Acid  
Saucylic Acid  
Carbolic Acid  
Tartaric Acid  
Acetic Acid  
Prussiates  
Cyanides

Photo  
Developers  
Plates  
Papers  
Nitrate Silver  
Chloride Gold

Tanning-Extracts  
French & Italian Produce  
Liquorice Sticks, Peel,  
etc., etc.

**COMMISSION MERCHANTS. IMPORTERS-EXPORTERS.**

# FUERST BROS.

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

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

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



Correspondence Solicited.

115; Ontario 133. Consols, 92 $\frac{7}{8}$ . Some remarks on the Royal's proposed issue of \$500,000 stock to Americans will be found in our editorial columns. Paris, exchange on London, 25f. 14 $\frac{1}{2}$ c; Berlin, 20m 43 $\frac{1}{2}$ p. Money rates remain as for some weeks past.

The following is a comparative table of stocks for week ending Dec. 26, supplied by Chas. Meredith & Co., Stock Brokers, Montreal:

Banks.	Shares sold.	Average		
		High'st.	Low'st.	date 1901.
Montreal	82	269 $\frac{1}{2}$	269	258
Molsons	52	215	214	209
Merchants	59	161	160	151
Hochelaga	68	135	135	...
Quebec	9	117	115	...

**Miscellaneous.**

Canadian Pacific Railway Co.	4507	130 $\frac{1}{2}$	127	113 $\frac{1}{8}$
Montreal Street Railway	143	273	270 $\frac{1}{2}$	266 $\frac{1}{2}$
Montreal Power Co.	1844	85 $\frac{1}{4}$	83	95 $\frac{1}{2}$
Toronto Street Railway	188	113 $\frac{1}{4}$	112 $\frac{1}{2}$	115
Halifax Street Railway	50	100	100	101
Toledo Railway	475	32	30 $\frac{1}{2}$	...
Twin City Transit	1107	115 $\frac{1}{4}$	114	108 $\frac{1}{4}$
Toronto Ry. new	23	111 $\frac{1}{4}$	110	...
Richelieu & Ont. Nav. Co.	341	92 $\frac{1}{2}$	91 $\frac{1}{2}$	109 $\frac{1}{2}$
Commercial Cable	76	172	172	170
Montreal Telegraph	6	169 $\frac{1}{2}$	166	174 $\frac{1}{2}$
Bell Telephone	32	165	163	168
Montreal Cotton	11	122 $\frac{1}{4}$	122	112 $\frac{1}{4}$
Dominion Cotton	130	50	49	46
Can. Col. Cotton	50	50	50	52 $\frac{1}{2}$
Lake of the Woods	6	170	170	...
Dom. Coal, common	1055	127 $\frac{1}{2}$	125	48 $\frac{3}{4}$
Ditto. pfd.	2	118 $\frac{1}{2}$	118 $\frac{1}{2}$	115 $\frac{1}{2}$
Lake Superior	20	9 $\frac{3}{4}$	9 $\frac{3}{4}$	...
Ogilvie pfd.	15	131	131	...
Detroit United Elec. Ry.	1245	86	84	...
Dominion Iron & Steel, common	3767	58 $\frac{3}{4}$	57	24
Ditto. pfd.	212	94 $\frac{3}{4}$	93	79 $\frac{1}{2}$
Nova Scotia	305	101	99 $\frac{1}{2}$	...

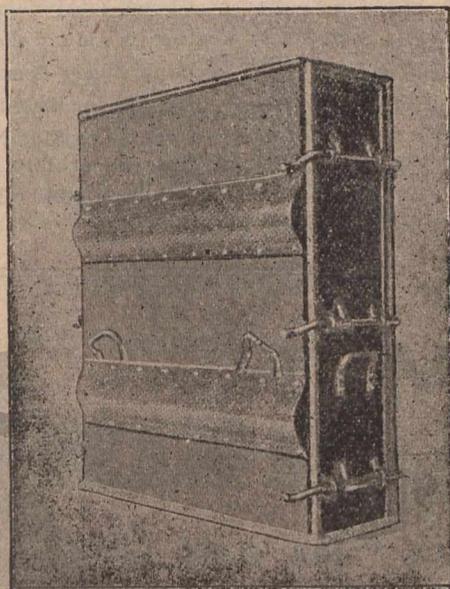
**Bonds.**

Nova Scotia	5000	110 $\frac{1}{2}$	110 $\frac{1}{2}$	...
Ogilvie	2000	115	115	...
Dom. Iron & Steel	19000	90 $\frac{1}{4}$	89	80 $\frac{1}{2}$

—Ottawa Clearing House, total for week ending Dec. 18, 1902, clearings, \$2,245,726.83; balances, \$821,175.18; corres-

## SOAP FRAMES

PATENTS—No. 5107/93; No. 10362/99.



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

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

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

Soap Trade Supplied under the new Tariff

## Thomas French & Son, Ltd.,

MANUFACTURERS OF EVERY DESCRIPTION OF

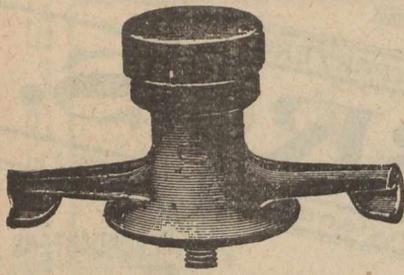
## TRAVELLING REQUISITE,



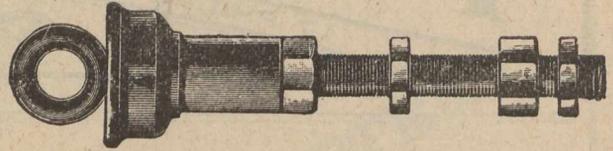
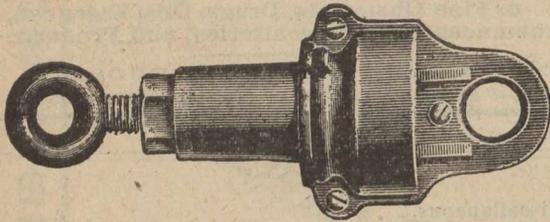
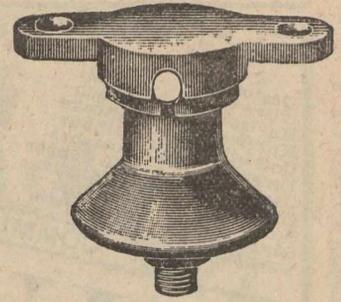
32 Moor Lane, LONDON, E.C., Eng.

33 $\frac{1}{8}$  p.c. cheaper to Canadians under the New Tariff.

Telegrams : "ISOLABLE," London.

**OVERHEAD**

Line

**AMBROIN** Material
**ESTLER BROTHERS,** 25 Laurence Pountney Lane, London, E.C., Eng.  
 Cannon Street,

ponding week last year, clearings, \$1,665,668.43; balances, \$315,656.92.

—London Clearing House, total for week ending Dec. 18, 1902, clearings, \$833,042.

**MONTREAL WHOLESALE PRICES.**

Friday Evening, Dec. 26, 1902.

Cold weather and good sleighing added materially to the past week's trade, and caused retailers to feel assured of receiving the maximum amount of custom that a prosperous holiday time could bestow. In a wholesale way values show little if any change, the season scarcely calling for changing quotations before the turn of the year. Groceries are steady; green hides are lower; cheese holds the firm attitude assumed earlier. Hardware, paints and kindred lines are quiet.

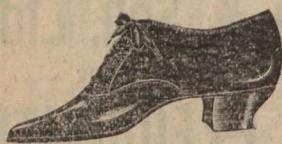
**BUTTER.**—The market continues to show a dullness not consistent with free trading or desire for stock. Buyers do not see profits at the figures asked by holders, which tells the whole story. Locally the demand is good, run-

ning principally toward a good dairy, which meets retailers' views on a profitable selling basis. Finest creamery is held at 22 to 22½c, but buyers' views are fully 1c less. Second grade creamery offers at 20 to 21c. Dairy is in good demand, with sale for all choice qualities at 17 to 18c. Rolls 17 to 18c.

**CHEESE.**—Firmness rules and if the market shows little in the way of transactions it loses none of the determination which prevents purchasing at less than quoted prices. Liverpool cables are firm at 59s, and this encourages holders; 12½c to 12¾c is asked for finest, with Quebec offering at 12 to 12¼c.

**EGGS.**—Demand only fair. Prices unchanged, but inclined to be lower. New laid 23½ to 25c; candled, 19½ to 20½c; straight arrivals, 18½ to 19c; Montreal limed, 17½c; western do., 16½c to 17c; cold storage 17½c.

**FLOUR AND FEED.**—Under a good local demand prices hold steady. Severe cold weather is aiding the consumption of coarse feed, which keeps in steady demand at firm prices. There is a steady demand for baled hay, and values rule firm. We quote: No. 1, \$9 to \$10; No. 2, \$8 to \$8.75; clover \$6.50 to \$7 per ton, in car lots. Winnipeg closing prices of No. 1 hard Manitoba wheat, 70½c and No. 1 northern 68½c in store, December.

**G. H. PALMER,****ANSTEY BOOT WORKS,****Anstey, near Leicester, - Eng.**

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



# BRADSHAW & PAYNE,

## Boot and Shoe Manufacturers,

MAKERS OF THE

Waverley Brand of Boots and Shoes in all Varieties,

181, Humberstone Road,

Leicester, England.



The other Cut will be inserted when received.

Special prices under the New Tariff.

**GROCERIES.**—Sugars hold steady on the basis of \$3.80 for standard granulated. Under a brisk holiday trade values in all lines are unchanged.

**FISH.**—Demand almost wholly cut off by Holidays. Past three weeks were brisk in the fish trade and will be productive of additional business generally since fresh frozen varieties have been more widely introduced. Prices are nominally unchanged. Quotations: Salt Fish. Foch Fyne herrings, \$1.15 per keg; salt herrings, held over stock, barrels, \$4.50 to \$4.75; new Labrador herrings, barrels, \$5.25; do., half-barrels, \$3.00; green cod, No. 1, \$5.75; do. No. 2, \$4.75; large, \$6.00. Fresh fish.—Cod in cases 3½c lb.; less quantities, 4c; haddock, cases, 4½c, less quantities, 5c; steak cod, heads off, 4½c lb.; fresh cases 3½c lb.; less quantities, 4c; haddock, cases, 3½c, less quantities, 4c; steak cod, heads off, 4½c lb.; fresh frozen pike, 5c lb.; less than cases, 5½c lb.; fresh pickerel or dory, case, 6c, less, 6½c; white fish 7c to 7½c; lake trout, 7½c to 8c; halibut, frozen, B.C., 9 to 10c; salmon, do., 9 to 10c; Qualla salmon, cases, 7c, less, 8c; smelts, 15 to 25 lb. case, 7c lb.; mackerel, fresh frozen, 15c each; fresh frozen herring, \$2.10 per 100 lbs. Frozen tom cods \$2.25 per barrel. Salt eels, 6½c per pound; hip-

perines (case of doz. cartons), \$3.50 per case. Standard bulk oysters \$1.40 per gallon; medium do., \$1.50, and selects, \$1.60 per gallon. Smoked Fish.—Herrings, 10c per box; finnan haddies, new stock by express, 6½c per lb.; Yarmouth bloaters, \$1.10 box; St. John bloaters, \$1.00 per box. Kippered herring, 90c per half-box. Prepared fish—Boneless cod, in bricks, 6c lb.; boneless fish, in bricks, 5c; dry cod, in cwt.; \$5.00 per cwt.; skinless cod in cases \$5.00 per case.

**GREEN FRUITS, ETC.**—Holiday trade is brisk, despite high prices in some commodities. General prosperity largely accounts for this, and brings a better demand for all seasonable goods. Prices unchanged. We quote:—Oranges, Valencias, 420 size, extra large cases, \$6.25; 420 size, ord. cases, \$4.50; 714 size, large cases, \$5.25; California navels in boxes, sizes to box, 96, 112, 126, 150, 176, 200 and 216, \$4.00; Mexican oranges in boxes, 150, 176, 200, 216 and 250 size, \$2.50; Jamaica oranges in boxes, 150, 176 and 200 size, \$2.75; lemons, extra fancy new Messina lemons, \$4.00; do., \$3.75; choice do., \$3.50; grape fruit, choice Jamaica stock, 64 size, \$4.50; 80 size, \$4.25; 96 size, \$3.75; Almeria grapes, fancy long keeping heavy weights, \$7.00 choice ditto., \$6.50; good medium

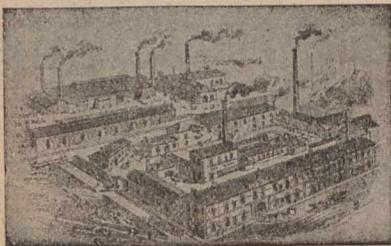
Telegrams, "SHIPMAN, SHEFFIELD."

Honourable Mention International Exhibition, 1862.

# J. SHIPMAN & CO.

Attercliffe Steel Works and Wire Mills,

SHEFFIELD, - ENG.



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

TOOL STEEL, MINING STEEL, &C.

Special Prices to Canadian  
under the New Tariff.

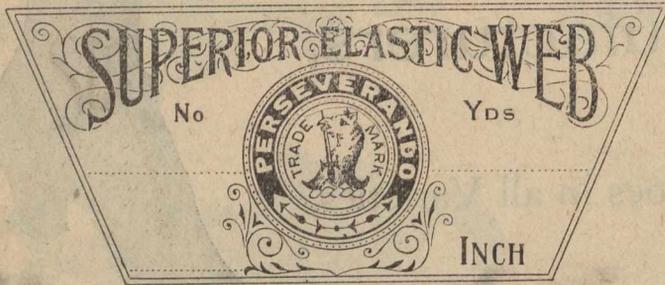
Established 1859.

TELEGRAPH ADDRESS: "PRANDO."

# J. Burgess & Son,

(LATE T. &amp; J. JONES)

—MANUFACTURERS OF—



## Elastic Webs.

All business communications to be addressed to the firm.

**Brougham Street Mills, Leicester, England.**

weights \$5.50; cranberries, dark Cape Cod, per barrel, \$11; dark Nova Scotia, \$9.25; ditto, in 25 quart boxes, \$2.25; apples, choice Fameuse per bbl., \$4.50; finest Spies, \$4.50; finest Baldwins, Russets, etc., \$3.50; fair quality, \$2 to \$2.75; sweet potatoes, double head Jersey, per bbl. \$5.00; holly, large cases, \$5.00; evergreen, for decorating, in bales (about 200 yards), \$2.25; pineapples (25 to case), \$5.00; California, per barrel, about 3 dozen, \$5.00; figs, 5 crown, 18 lbs. to box, 13½c lb.; 4 crown, 10 lbs. to box, 12½c lb.; 2 crown, 1 lb. boxes, 13c; bananas, Jamaica fruits, \$2.00; tomatoes, 6 basket crates, \$5.50; dates, new golden, 4c per lb.; one pound packages, 6½c; evaporated fruits, apples, 50 lb. boxes, 7c; California apricots, 25 lb. boxes, 12c; California pears, 25 lb. boxes, 13c; California peaches, 25 lb. boxes, 9½c; do. prunes, 40-50, 9c; do., 50-60, 8c; nuts, new Grenoble walnuts, 13c; Taragona almonds, 13c; Sicily filberts, 9½c; Jumbo pecans, 17c; large pecans, 16c; peanuts "Bon Ton" roasted, 11c; Sun, 10c; "G" 9c; Coon, 7½c; shelled almonds, 28 lbs. to box, 28c; cocoanuts, new (100 to bag, \$3.50.

**GREEN HIDES.**—As anticipated in last report, there has been a decline in beef hides of ½c lb., bringing present prices to 7½, 6½ and 5½ for Nos. 1, 2 and 3. Other hides are steady at 10 and 8 for calf and 65c each for lambs.

**OILS, PAINTS, ETC.**—No change expected in prices until after the turn of the year. Just at present there is little doing and former values prevail. Quotations on another page.

**PROVISIONS.**—Market holds very steady in price, with a good demand passing. Frozen fresh killed hogs are beginning to move in car lots, but prices are held somewhat firmer than buyers care to meet. Country killed bring \$7.75 to \$7.85, and abattoir stock \$8.25 to \$8.50 100 lbs. We quote: Heavy Canadian short cut mess pork, \$24.50 to \$25; Canada short cut back pork, \$23.50 to \$24; light Canada short cut clear pork, \$23.50 to \$24; finest kettle lard, 20-lb. pails, 12¼c to 12½c; extra pure lard, in 20-lb. pails, 10¼c to 11¼c; choice refined compound lard, 9c to 9½c; Boar's Head brand, in 20-lb. wood pails, \$2 to \$2.08; Globe, at \$1.80 to \$1.90; 20-lb. tin pails, ¼c less per lb.; hams, 12c to 14c, and bacon, 14 to 15c per lb. Liverpool, Dec. 24.—Beef, steady, extra India mess, 113s 9d; pork, steady; prime mess, western 90s; hams, short cut, 14 to 16 pounds, steady, 53s; bacon, Cumberland cut, 26 to 30 pounds, dull, 47s 6d; short ribs, 16 to 24 pounds, dull, 48s; long clear middles, light, 28 to 34 pounds, quiet, 48s 6d; long clear middles, heavy, 35 to 40 pounds, quiet, 48s; short clear backs, 16 to 20 pounds, quiet, 48s; clear bellies, 14 to 16 pounds, dull, 58s; shoulders, square, 11 to 13 pounds, quiet, 43s; lard, dull; price western, in tierces, 55s 6d; American refined, in pails, 55s.

**POULTRY AND GAME.**—Christmas trade very brisk, but fears of a shortage were allayed early in the week. Best turkeys sell at 14½c lb., and down to 12½c as to quality. Ducks, 12c to 13c lb.; geese, 8½ to 9½c lb.; chickens, 10 to 12c lb.; fowl, 9 to 9½c lb.—Partridges 90c paid; hares, 20c to 22c pair; venison, 5½ to 6½c lb., do. saddles, 8 to 10c lb.

# J. Underwood & Co.

WHOLESALE AND EXPORT

## BOOT MANUFACTURERS.

For Canadians under the New Tariff.

Junior Street,

LEICESTER, Eng.

Women and Children's Medium Class BOOTS and SHOES.

(Cut will be inserted next week.)

# J. T. BRAMMAGE,

WESTERN ROAD,  
LEICESTER, ENG.



The trade supplied with these Shoes, for Ladies and Children, under the New Canadian Preferential Tariff, 33½ p.c., in Canada's favour.

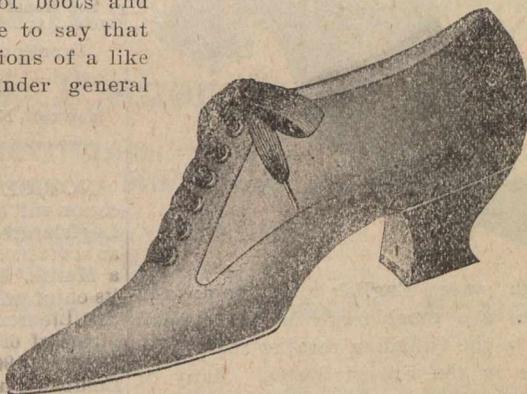
## JOHN TURNER & SONS, LIMITED.

Considerable discussion has taken place recently relative to the respective merits of English, United States and Canadian makes of boots and shoes, and it is quite safe to say that considerable more discussions of a like order will be brought under general

well that such a discussion has been brought up, for it will open the eyes of the world to the completeness of build, quality, finish, etc., on the one

der we would beg to draw attention to a Leicester, England, manufacturing firm, Messrs. John Turner & Sons, Ltd., whose make of boots and shoes is being steadily recognized on a broader scale, owing to the universal favor in which they are being held.

The casual reader (who, by-the-way, also wears shoes) may stop and ask, "Why all this controversy about boots and shoes? if my shoes wear only three months, I buy another pair, where they are made, I care not." This reflects, however, the mind of the "strolling player" rather than that of the man who is becoming more generally recognized each succeeding year, and who delves in and finds out the why and wherefore of his purchases not giving satisfaction, in case they do not.



notice before the public becomes fully cognizant of the respective merits of all three, in their various builds. It is

side, and the perfunctory labor and surveillance which characterizes the others. While controversies are in or-

The Leicester, Eng., firm of Messrs. John Turner & Sons, Ltd., are manufacturers of medium and high class boots and shoes of all kinds and their

# C. SMITH & SONS,

Forest Gate Shoe Works,

ANSTEY near LEICESTER,  
ENGLAND.

Wholesale

**Boot and Shoe Manufacturers**

For Canadians under the New Preferential Tariff.



## Patent Combined Bunking Stitch Wheeling & Edge Setting Machine.

(Out will be inserted when received )

**THIS**

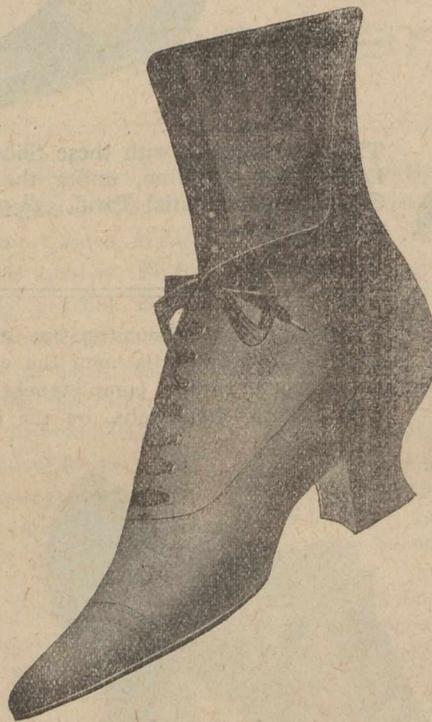
**Combined Stitch &  
Bunk Wheeling  
Machine for making  
fancy impressions  
on the Sole & Welt  
& Heel Seat.  
Does the work in  
half the time of  
hand labour &  
better work.**

Catalogue Free.

**JACKSON & POCHIN**  
Star Works,  
Humberstone Road  
**LEICESTER**  
England.

name is now so fully recognized that wherever their goods are shown they are purchased without hesitation. There is really no mystery about this preference acquired by the firm of John Turner & Sons; it is merely the fact, generally recognized, that this firm make boots and shoes that not only fit well but wear well. These two qualities "fill the bill" in so far as the human foot is concerned, and we would merely refer our readers and the Canadian trade to this one acknowledged fact.

The new tariff admits goods of English manufacture into Canada at a discount of one-third off the regular duty,



which places English made boots and shoes in a much more favorable position to the Canadian retailer than those made in the United States. Many of the more progressive of our English houses, are taking advantage of this and are making their names better known among the Canadian trade, and which will eventually win a large percentage of the trade which this rapidly-growing country will require. Write to Messrs. John Turner & Sons, Ltd., for price list, or samples of their principal makes and compare style, quality, built and price with what you are selling. Address: Havelock Street Works, Leicester, England.

B. & S. MASSEY.

To our readers throughout Europe the firm name of B. & S. Massey needs no introduction, being as well known to all interested in the use of steam hammers, power-hammers, band sawing machines, etc., as are the tools themselves. Additional interest has been aroused of late through the introduction by the firm of a patent pneumatic power hammer, explained elsewhere in this article. We may mention that this is the first belt-driven hammer in which it has been possible to practically imitate the action of a steam hammer by:

## WOOLLENS and LEATHER.

A Prominent Woollen and Leather Broker, of 20 years' experience, desires to represent a responsible firm in each of these lines.

Address :

**ADRIEN GAU,**  
Mazamet (Tarn),  
FRANCE.

## LAINES et CUIRS.

Courtier important, vingt années d'expérience, désire représenter forte maison.

Ecire:

**ADRIEN GAU,**  
Mazamet (Tarn),  
FRANCE.

## MONTREAL CITY AND DISTRICT SAVINGS BANK.

Notice is hereby given that a dividend of Eight Dollars and a Bonus of Two Dollars per share of the Capital Stock of this institution have been declared, and the same will be payable at its Banking House in this city on and after Friday, the 2nd day of January, 1903.

The Transfer Books will be closed from the 15th to the 31st December, both days inclusive.

By order of the Board,

A. P. LESPERANCE,

Manager.

Montreal, November 29, 1902.

NOTICE is hereby given that an application will be made at the next sitting of the Legislature of the Province of Quebec for an act to incorporate "LA SAUVEGARDE," a Mutual Life Insurance Society, having its chief office in Montreal, authorized by the Lieutenant Governor in council, in virtue of 62 Victoria, ch. 32, on the 17th of October, 1901, as a Joint Stock Insurance Company, under the name of "LA COMPAGNIE D'ASSURANCE SUR LA VIE, LA SAUVEGARDE," "THE SAFEGUARD LIFE INSURANCE COMPANY," and to confirm the resolution of the members dated the 9th of December, 1902, authorizing the transfer of the assets of the said Mutual Society, "LA SAUVEGARDE" to "LA COMPAGNIE D'ASSURANCE SUR LA VIE, LA SAUVEGARDE," "THE SAFEGUARD LIFE INSURANCE COMPANY," under the terms mentioned in said resolution, with all the rights and powers necessary.

PHILIPPE DEMERS,

Attorney for Petitioners

Montreal, 12th December, 1902.

Striking blows fully equal in power.— Very complete control of force of blows. Striking single blows. Holding tup up at the top of stroke. Holding tup down on anvil as needed when bending work.

Brett's Drop Stamps, made by this firm, are the best stamps made for forging in dies and are coming largely into favor with the principal railway companies, railway carriage and wagon builders, stampers, engineering firms, Government depts., etc., to whom they have been supplied in large numbers, and where they are giving great satisfaction.

Telegrams—  
DICOTTO, "LONDON."]

Telephone  
No. 4168 Av.

# DICK'S "Imperial" Anti-Fouling Composition.

As Used by **ADMIRALTY** and **LEADING COMPANIES.**

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

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

## Dick's Marine Engine & Cylinder Oils,

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

Sole Proprietors and Manufacturers—

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

WORKS: KING AND QUEEN AND LAVENDER WHARFS, ROTHERHITHE.

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

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

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

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

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

Telegraphic Address: "FINIS LONDON."

Manufactory and Warehouse:

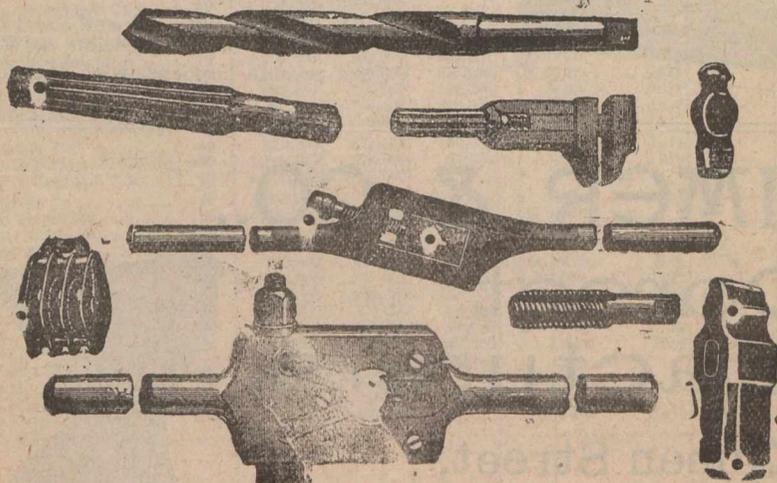
**8 Broad Street, Ratcliff, - London, England.**

Counting House:

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

PRICE LISTS ON APPLICATION.

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



SPECIAL NOTE.—Buyers have 33½ per cent. in their favour by purchasing from The Makers and Inventors in England under the new Canadian Preferential Tariff.

From a pamphlet before us we extract the following:—Pneumatic Power Hammers (Massey's patent). Best belt-driven substitute for steam hammers. Built like them, and equally powerful. B. & S. Massey, Openshaw, Manchester.

Uses.—Best belt-driven substitute for steam hammers. Confidently recommended wherever belt power is more available than direct steam. Quite as powerful, size for size, as steam hammers; stroke equally long. Recommended for all kinds of smithwork, etc.

6. General Construction.—Like our standard smithy steam hammers in all main features, but with the addition of double-acting pumping cylinder, crank, and pulleys, to supply air instead of steam to top and bottom of hammer cylinder at each stroke. Crank and fast and loose pulleys placed within the standard; no projecting parts. Separate anvil-block for 3-cwt. and larger hammers. Diagonal position of anvil-block renders palletts accessible on all sides. Long bars can be worked in either direction across anvil. Hammer driven by belt from shaft or electric motor. We do not fix motor upon hammer, as vibration is too severe. Steel palletts, forged tup, piston and piston rod forged solid. High-class materials and workmanship throughout.

Regulation.—Completely new principle, giving better control and more powerful blows than any other power hammer. A single valve between the cylinders, controlled by hand or foot, regulates the hammer, the hand-lever being so arranged to work independently of the foot-lever. In the top position of these levers the air is only forced under the hammer piston, and so the tup is held up at the top of its stroke. On either lever being depressed, pump forces air alternately above and below hammer piston, and hammer begins to work. The further the lever is depressed, the heavier is the blow, until the full blow is given. Thus heavy or light blows, with long or short strokes, can be struck at will, the regulation being easy, accurate, and instantaneous. As soon as the lever is released, tup rises to top of stroke and remains there.



Increasing in Popularity  
Moderate in Price  
Unshrinkable

**“ALPHA”  
 Underwear**

WHOLESALE ONLY FROM

**T. H. DOWNING & Co.**

Manufacturers,

**LEICESTER, Eng.**

ALSO . . .

103 & 104 Wood Street, LONDON.

CARDIFF, LIVERPOOL and MANCHESTER.

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

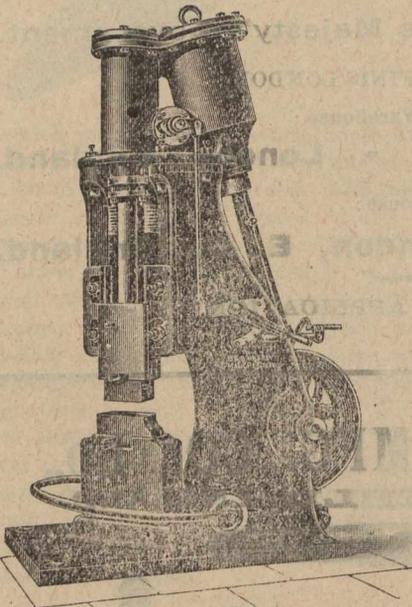
The hand-lever can be moved on to a further position, in which the tup is held firmly down on the anvil, enabling the hammer to be used as a vice.

Explanation of sketches as shown in illustrated pamphlet:

Figs. VI., VII., and VIII. above are sections through the cylinders and valve chambers, and show the arrangement of these and the passages connecting them. It will be seen that there is a passage A connecting the top and bottom of the pump cylinder, and also passages B and C connecting the tops and bottoms respectively of the pump and hammer cylinders. The valve which is shown in Fig. IV. consists merely of one solid piece, and has two of Mathewson's patent one way air valves attached to it, each consisting of a thin steel disc and light spring.

Method of Working.—By means of the foot-lever this valve can be turned into position indicated in Fig. V. by positions 1, 2, 3, 4. In position 2 the

passage A is fully open, as shown in Fig. VI., and so if the pump piston is reciprocating, the air passes freely from



top to bottom and vice versa without in any way affecting the hammer cylinder. As the valve is moved from position 2 to 3 the passage A is gradually closed and therefore some air is forced alternately through the passages B and C, raising and depressing the hammer piston until when the position 3 is reached, A is entirely closed and all the air is forced into the hammer cylinder, thus producing the maximum blow.

Holding up.—In position 1, Fig. V., the one-way air valves are brought into operation, and allow air to pass down passage A on the up stroke of the pump, and along passage C into the hammer cylinder on the down stroke, but not in the opposite direction, and thus the lower part of the hammer cylinder is filled with compressed air, and consequently the hammer is held up at the top of its stroke.

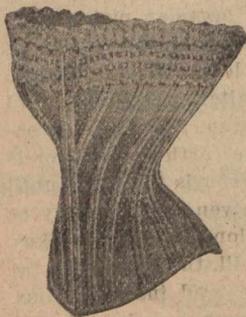
Holding down.—In position 4, Fig. V., the reverse happens, with the con-

**R. LATIMER & CO.,**

**Corset  
 Manufacturers,**

60 Queen Street,  
**LEICESTER, - - ENG.**

Manufacturers of the Celebrated “F. & B. WEL” CORSETS.



# BROWETT LINDLEY & CO. LTD.

Patricroft, Manchester England.

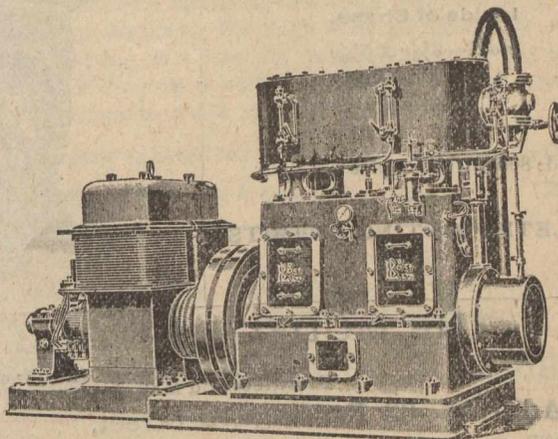
Manufacturers of High-Speed,  
Enclosed Type,

## STEAM ENGINES.

For Driving Dynamos Direct.

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

## SOUND & RELIABLE BRITISH MANUFACTURE.



### STOCKS AND BONDS.

NAME.	Par Val's.	Capital Subscribed.	Capital paid-up.	Rest.	Div. last 6 Ms	Dates of Dividends.	Per Cent. Price Dec. 24 (Bid)	Cash value per S.
British North Am. ....	243	4,866,666	4,866,666	1,776,333	3	Apr. Oct	136	330 48
Can. Bank of Commerce	50	8,000,000	8,000,000	2,500,000	3 1/2	June Dec	117	78 50
Commercial, Windsor..	40	500,000	350,000	60,000	3	.....	105	42 00
Dominion .....	50	2,500,000	2,500,000	2,500,000	2 1/2	May	244	122 00
Eastern Townships....	50	2,000,000	1,742,535	1,200,000	3 1/2	Jan July	161	80 50
Halifax Banking Co. ....	20	600,000	600,000	500,000	3 1/2	Feb. Aug	135	35 00
Hamilton .....	100	2,000,000	2,000,000	1,600,000	5	June Dec	232 1/2	232 50
Hochelaga .....	100	2,000,000	1,981,000	350,000	3 1/2	June Dec	140	140 00
Imperial .....	100	2,868,000	2,868,932	2,438,595	5	June Dec	240	240 00
Merchants' Can. ....	100	6,000,000	6,000,000	2,600,000	3 1/2	June Dec	159	157 50
Moisons .....	50	2,500,000	2,500,000	2,150,000	4 1/2	Oct	216	107 00
Montreal .....	200	12,000,000	12,000,000	8,000,000	5	June Dec	277	55 00
Nationale .....	30	1,489,700	1,430,550	350,000	3	May	195	58 50
New Brunswick.....	100	500,000	500,000	700,000	6	Jan July	300	300 00
Nova Scotia.....	100	2,000,000	2,000,000	2,800,000	4 1/2	Feb. Aug.	250	250 00
Ontario.....	100	1,400,000	1,400,000	425,000	5 1/2	June Dec	130	130 00
Ottawa .....	100	2,000,000	2,000,000	1,865,000	4 1/2	June Dec	225	225 00
People's of N. B. ....	150	180,000	180,000	155,000	4	.....	250	375 00
Provincial.....	25	873,487	781,248	.....	3	June Dec	.....	.....
Quebec.....	100	2,500,000	2,500,000	800,000	3	June Dec	118	118 00
Royal.....	100	2,000,000	2,000,000	1,700,000	3 1/2	Feb	186	186 00
Sovereign.....	100	1,300,000	1,031,000	191,000	.....	.....	.....	.....
St. Stephen's.....	100	200,000	200,000	45,000	2 1/2	April Oct	246	133 00
Standard .....	50	1,000,000	1,000,000	850,000	5	April Oct	253	253 00
Toronto .....	100	2,500,000	2,499,000	2,600,000	5	June Dec	125	125 10
Traders .....	100	1,350,000	1,350,000	350,000	3	June Dec	168	84 00
Union (Halifax) .....	50	1,000,000	1,000,000	505,606	3 1/2	Mch Sept	123	123 00
Union of Canada .....	100	2,000,000	2,000,000	150,000	2 1/2	June Dec	140	140 00
Western.....	100	500,000	419,000	.....	3	Aprl Oct	117	170 00
Agri. Sav. and Loan Co. ....	50	630,200	630,200	207,000	3	Jan July	170	170 00
Bell Telephone Co. ....	100	5,000,000	5,000,000	800,000	4 1/2	Jan *	.....	.....
Brit. Can. Loan & Inv. Co. ....	100	1,937,900	398,451	130,000	2 1/2	Jan July	128	128 00
Brit. Mortg. Loan Co. ....	100	450,000	389,214	130,000	3	Jan July	55	55 00
Can. Colored Cot. Mills Co. ....	100	2,700,000	2,700,000	.....	.....	Jan *	108	108 00
Can. Landed & Nat'l Inv't Co. ....	100	2,008,000	1,004,000	350,000	3	Jan July	120	12 00
Can. Per & W. Can. M. Corp'n.	10	5,951,350	5,951,350	1,490,057	3 1/2	Jan July	114	57 00
Can. Sav. & Loan Co. ....	50 & 7 1/2	750,000	750,000	250,000	.....	Jan July	136	136 00
Central Can. Loan & Sav. Co. ....	100	2,500,000	1,250,000	450,000	1 1/2	Jan July	72	36 00
Dominion Sav. and Inv. Co. ....	50	1,000,000	934,300	40,000	2	Jan Dec	124	62 00
Dominion Telegraph Co. ....	100	3,333,600	3,333,600	.....	6	Mar *	52	52 00
Dominion Cotton Mills Co. ....	100	1,500,000	1,100,000	340,000	3	Jan	119	119 00
Hamilton Prov. and Loan ..	10	2,000,000	200,000	200,000	3 1/2	Jan July	135	135 00
Home Sav. and Loan Co. ....	50	3,000,000	1,400,000	925,000	4 1/2	Jan July	183	91 50
Huron & Erie Loan & Sav. Co. ....	100	839,851	734,590	174,300	3	Jan July	70	70 00
Imperial Loan and Inv. Co. ....	100	700,000	700,000	210,000	3	Jan July	111	111 00
Landed Banking and Loan ..	100	1,000,000	877,267	87,500	3	Jan July	68	34 00
London Loan Co. ....	50	679,700	678,550	160,000	3	Jan July	110	50 00
Manitoba & North-W. Ln Co	100	1,500,000	375,000	51,000	.....	Jan July	75	75 00
Montreal Telegraph Co. ....	40	2,000,000	2,000,000	.....	2	Jan	170	61 00
Montreal Gas Co. ....	40	3,000,000	2,998,640	.....	5	April Oct	247	123 50
Montreal Street Ry. Co. ....	50	5,000,000	4,500,000	560,318	2 1/2	Feb. *	277	138 50
Montreal Cotton Co. ....	100	1,400,000	1,400,000	600,000	4	Mch. *	128	128 00
Merchants Cot. Co. ....	100	1,250,000	1,250,000	.....	4	Feb	65	65 00
Montreal Loan and Mortg. ....	25	500,000	500,000	360,000	3 1/2 & 1	Mch Sep	137 1/2	34 37
Ont. Indus. Loan and Inv. ....	100	373,000	271,993	150,000	3	Jan July	.....	.....
Ont. Loan and Deb. Co. ....	50	2,000,000	1,200,000	560,000	3	Jan July	122	61 00
People's Loan and Dep. Co. ....	50	600,000	600,000	40,000	.....	Jan July	42	21 00
Real Est. Loan Co. ....	40	573,840	373,720	50,000	2	Jan July	76	30 40
Richelieu and Ont. Nav. Co. ....	100	2,088,000	2,088,000	162,355	3	May	95	95 00
Mont. Heat, Light & Power Co	100	2,250,000	2,250,000	.....	.....	Jan. *	85	85 00
Toronto Electric Light Co. ....	100	2,000,000	2,000,000	.....	.....	Jan. *	154	154 00
Toronto Mortgage Co. ....	50	1,121,560	724,000	250,000	2 1/2	.....	89	44 50
Toronto Street Railway .....	100	6,000,000	6,000,000	.....	.....	Jan. *	115	115 00
Windsor Hotel .....	.....	.....	.....	.....	.....	.....	80	80 00

\* Paying quarterly dividends.

sequence that a partial vacuum is formed below the hammer piston, and the hammer is therefore held firmly down on the anvil.

Thus it will be seen that the whole regulation of the hammer is effected by the movement of one lever—hand or foot—which actuates a single valve of simple construction.

#### Brett's Patent Steam Drop Stamps.

Uses.—Stamping in dies small forgings, etc., required by cycle makers, small arms manufacturers, agricultural implement makers, machinists, electricians, locomotive, marine and general engineers, shipbuilders, railway contractors, safe makers, coach makers, etc.

General Construction.—Brett's patent lifter, of which the following are a few advantages:—Great speed of working. Few working parts. Direct application of power. Great saving of labor; a boy can work even the largest stamp. Can be worked by either steam or compressed air. Rivetted framework supporting lifter independently of baseblock, thus protecting the lifter from shock and vibration. Guide-bars exceedingly strong. Accurately planed V slides. Lower ends accurately adjusted by strong screws and upper ends by wedges. Lower ends rest in tapered recesses in baseblock, and being free to move vertically, cannot transmit vibration to the lifter. Lower die held and adjusted by four very strong poppet-screws. Baseblock exceedingly massive—about fourteen times the weight of tup. High-class materials and workmanship throughout.

Method of Working.—Stamp is single acting, tup being lifted by ropes or belt attached to lifter. Tup falls freely with its full force, no drag tending to lessen force of blow. The blows are of the elastic nature best suited to stamping. Blows under perfect control, just as in a kick stamp, but 25 per cent. quicker. Hand-worked valve-gear; length of stroke varied at will by movement of hand-lever.

Brett's Patent Steam Lifters, for application to existing drop stamps.

The great economy secured by the

The Best **MONEY MAKER** for a Job Printer, is the  
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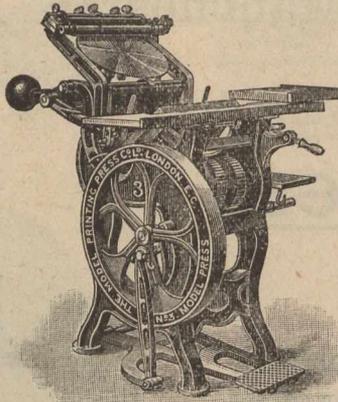
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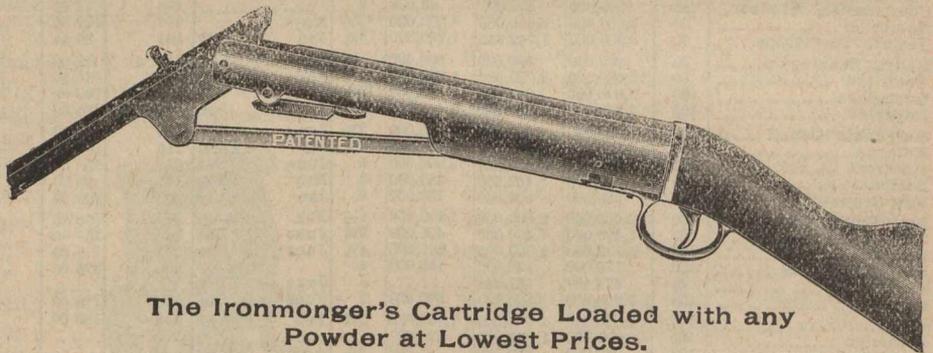
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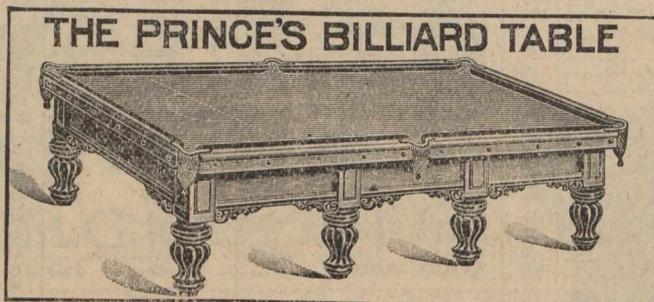
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When a man is having a suitable dwelling-house erected, he is most anxious to have the more mysterious fittings so secured that they can be thoroughly relied on to act their part with the same assurance of safety as that reposed in the corner stone. The parts he looks after with the greatest care and in giving the contract for which he devotes more studious time, are the steam-fitting, plumbing, etc. These not only require greater skill in placing, but the second and larger interest is in having them so protected that neither heat, cold, fire or water may injure them or cause them to be the origin of injury to adjacent portions of the building.

The firm of Messrs. John Thompson & Co., of Albion Place, Russell Street, Ashton-under-Lyne, Eng., have made this business a special study for thirty-two years, and instead of following old lines in the interval, have pen-

trated into the depths of science and have brought forth new and vastly improved ideas for the simple and safe preservation of steam pipes, which are fast replacing the older commodities as their varied points of preference are becoming better known.

Messrs. John Thompson & Co. are manufacturers of the Real Non-Conducting Composition, Asbestos, Silicate Cotton (Slag Wool), Magnesia moulded pipe sections. Dealers also in red and black varnish. Thousands of references and testimonials on application.

Magnesia Moulded Pipe. Sole agents for Ashton, Stalybridge and districts for section magnesia, with all the latest improvements for covering hot water pipes, steam pipes, boilers and cylinders. Cold water pipes, to prevent freezing, and fireproofing buildings, etc. Magnesia sectional covering with flange boxes, is theoretically the best of non-conductors, for it possesses the lightness of cork, the porosity of sponge, and a firmness and strength which, considering its levity, is quite remarkable. Practically, Magnesia Cov-

ering is the beau-ideal of a non-conductor. Added to Magnesia Carbonate is a fibre which give it tenacity and adhesion, enabling it to be moulded into forms and sizes to suit almost any size and shape of steam appliance. We have sections for pipes, easily applied or replaced.

Testimonials.—From Robert Platt, Limited, Quarry Street Mills, Stalybridge, Oct. 5, 1899.—“The Magnesia Sectional Covering, with which you have covered the steam pipes of our new engines, we have found to be superior to any other covering we have had. They are considerably handier in case of pipes being burst, and being in moulds, formed in convenient lengths, they can readily be stripped off until the pipe is repaired, and then again replaced.” Per pro Robert Platt, Limited—Benjamin Brooks.

From the Corporation of Sunderland Electric Supply Station, April 1, 1896.—“As to the suitability and good qualities of the Magnesia Sectional Covering, I have much pleasure in saying that I am perfectly satisfied that it is

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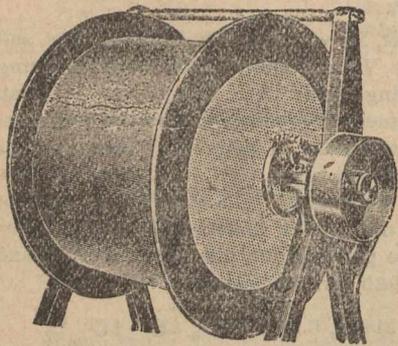
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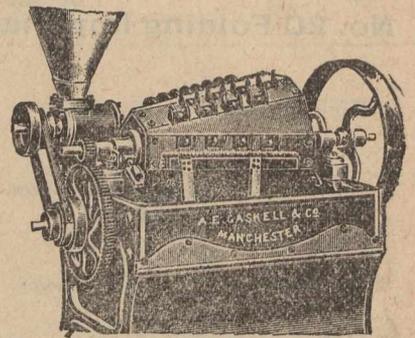


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the best non-conductor covering which I have used, and I am also so satisfied with it that, in our new extensions for two boilers and a range of steam piping, I have specified that the pipes must be covered with Magnesit Sectional Covering." I am, yours faithfully, (Signed) C. S. Vesey Brown.

New York Mill, Heywood, England, Aug. 6, 1881.—Mr. J. Thompson.—Dear Sir,—“This is to certify that you have covered our high and intermediate cylinders with Silicate of Cotton, and a finishing coat of your own Composition two inches thick, and I am pleased to say it is very satisfactory, and one of the coolest non-conductors I have ever experienced. We are working at a pressure of 180 lbs. The pipes you have covered with Sectional Magnesia are also very satisfactory.” Yours respectfully, J. W. Heywood, Manager.

From the Carrs Manufacturing Company, Limited, Hurst, Ashton-under-Lyne, Nov. 28, 1887. To Mr. John Thompson, Dear Sir.—It affords me great pleasure in stating that the Non-Conducting Composition as supplied by you, and with which our boilers, pipes, etc., are covered, give entire satisfaction, and I can therefore confidently

recommend the same. George Birtwistle, manager.

From the Horsfield & Co. Greenfield Mills, Hyde, July 6, 1888.—To Mr. John Thompson—Sir,—In reply to yours of 5th instant, we beg to say that the cylinders, pipes, etc., you covered us with your Asbestos Cobposition are perfectly satisfactory. Saml. Horsfield, Horsfield & Co., Limited.

From G. H. Kenworthy & Son, cotton spinners, Cavendish St. Mill, Ashton-under-Lyne, January 24, 1889. To Mr. John Thompson, Ashton-under-Lyne. Dear Sir,—I can certainly recommend your Non-Conducting Composition, as it has given us satisfaction for the last four years. It is both durable and well finished, and we don't hesitate to say we shall give you the work of covering the cylinders and new pipes for the new engines we are at the present time putting in, Yours truly, John W. Kenworthy.

From the Fish Biscuit Co., Limited, Grimsby, Aug. 19, 1899. To Mr. John Thompson, Ashton-under-Lyne, Dear Sir,—Your Asbestos Non-Conducting Composition which you supplied us is far superior to some we purchased from a London firm, and we are ex-

tremely pleased with it, after being in use 4 years, it is as good as ever. Yours truly, The Fish Biscuit Co., Ltd., per T. H. Barker.

From John F. and C. Kenworthy, shawl and flannel manufacturers, Buckley New Mill, Uppedmill, Nov. 12, 1880, To Mr. John Thompson. Sir,—The Asbestos composition with which you covered our boilers, pipes, etc., has given us entire satisfaction, and we can recommend it to others. James Kenworthy.

From the Co-operative Sundries Manufacturing Society, Ltd., Droylsden. To Messrs. J. Thompson & Co., Ashton-under-Lyne. Gentlemen,—We are quite pleased with your Asbestos Covering which you have fixed to our boilers and pipes, it is well finished, very cool, and answers the purpose it aims at. We have therefore every confidence in recommending it to steam users. Yours truly, Wm. Simson, secy.

From the Co-operative Wholesale Society, Limited, Manchester, March 16, 1894. To Messrs. J. Thompson & Co., Ashton-under-Lyne. Gentlemen,—In answer to yours on March 8, I am directed by the Committee to say that it is not our practice to give testimonials,

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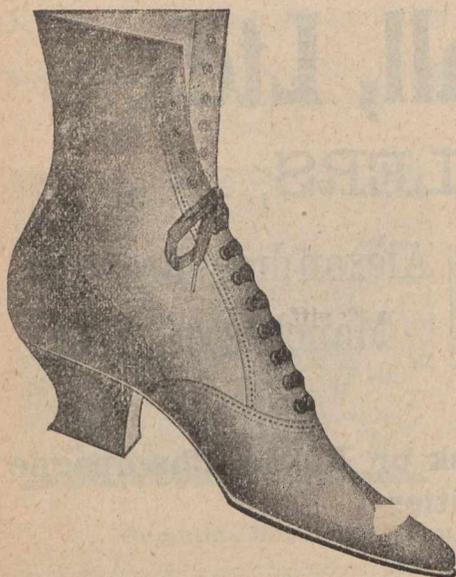
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but in case anyone is referred to us regarding your work here of 10,000 feet of Asbestos Covering we shall be able to speak of it favorably. Yours truly, pro Society, T. Brodrick.

From Messrs. J. and W. Hamer, cotton spinners, Union and Walk Mills, Ashton-under-Lyne, March 24, 1901. To Mr. John Thompson, Dear Sir,—We beg to say that the boilers and pipes you have covered for us during the last 20 years have always been done in a satisfactory manner, and we are pleased to recommend your work as worthy of patronage. Yours truly, J. & W. Hamer, per J. Hamer.

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### PATENT REPORTS.

Owen N. Evans, solicitor of patents  
and exports, Temple Building, reports  
the following patents granted to Cana-  
dians last week—United States.—Shoe-  
box, J. C. Leclare; steam-boiler, R. Mc-  
Kay; tethering-pin, R. C. Eldridge; nut-  
lock, O. Feher; combined telephone,

**Established 1838.**

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

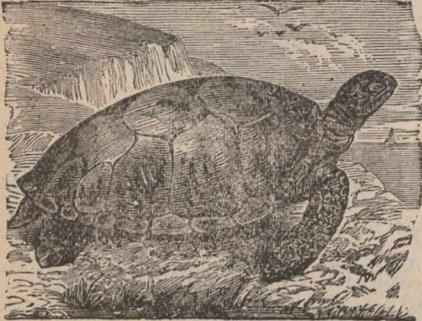
Wheatfield Iron Works, BARDSLEY, nr. Ashton-u-Lyne, England

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

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

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



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

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



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telegraph, electric-light and power system, A. M. Stark. Canada—Grain-drills, Jas. Steep; central draft oil burners, R. H. Rodger et al; cattle guards, J. Clarke; down draft stove, T. W. Lee; clamps for brushes, E. Skedden; washing machines, G. R. Walsford; hoes, J. W. Kinzie; method of pressing peat blocks, A. Dobson; chain couplers, Wm. H. Eastman; horse shoe, J. E. Davidson; sheaf couplers, Jas. Grady; window weather strips, W. Peace; soap holders, F. Duffield; paint brushes, E. V. dit Labonte; paper files, Z. C. Ket-chum; loose leaf ledgers, E. B. Goodman; sash weights, J. Walker; boiler stoves, J. E. Weatherbee; car couplers, H. S. Worthington; cattle guards, N. Collin.

The following complete weekly list of patents granted to Canadians is furnished by Messrs. Fetherstonhaugh &

Co., patent solicitors, Canada Life Bldg. U. S. patents.—W. F. Bedell, amalgamator; J. R. Booth, pencil-holder; R. Christie and T. B. Christie; penumatic straw-stacker for threshing-machines; H. A. Johnston, freight-car; R. McBride, baling-press; J. H. K. McCollum, turbine-engine; A. Quarrie, T. M. Morgan, J. B. Gibson and C. E. Coatsworth, adjustable stack-protector; A. B. Griffin, post-hole digger.

BUSINESS LIFE IN UNITED STATES  
AS STUDIED BY AN ENGLISH  
OBSERVER.

A special correspondent of the Glasgow Herald has been making studies in

the United States, and some of his conclusions were embodied in the following letter:— In America, as I roam about from one industrial centre to another, I have not spoken to half a dozen men who have not had their arms up to the elbows in dollar-making. And I find the business man carries all his personal goods in his shop window; that is, within the first 10 minutes you see all his best points—unlike the Englishman, whose ice of reserve you can only thaw by cautious, gradual warmth. There is something of the good-natured boy about the American money-maker. A man of 50 will talk to you on business in the bragging way a Yorkshire lad of 20 will talk about cricket. He is first, and the rest nowhere. "Jolly" him—stroke him and scratch his head—and he will purr with appreciation. "Josh" him—chaff him about his characteris-

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Wholesale  
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Clothing  
Manufacturers,

OF HIGH CLASS CLOTHING ONLY,  
FOR MEN AND YOUTHS.

Special prices to Canadians under the New Preferential Tariff,  
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**HOBSON, HOUGHTON & CO.**

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**Cast Steels,**  
FOR TOOLS, &c., &c.HOBSON'S "CHOICE" Extra Quality NEEDLE WIRE,  
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Specialty for Machine or Hand Drilling.

Established upwards of 100 Years.

**Steel Forgings  
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Best and Cheapest on the Market.

Canadians have 33 $\frac{1}{3}$  p.c., in their favour, by purchasing these  
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Tariff.

New York Office and Warehouse.

tics, and let him imagine you are giggling in your sleeve—and his fur rises. He is as sensitive about his shortcoming as a schoolgirl is about her freckles. He has a soft heart, and is sentiment personified in breeches. At the play, the Englishman becomes critical and grins. The American cries.

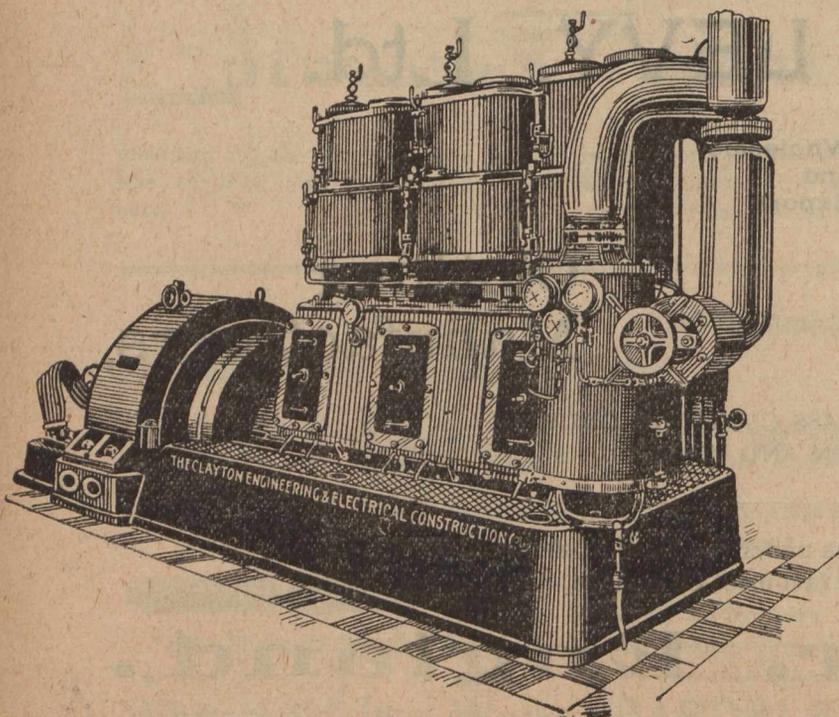
Of the sweetness of the home life, such as Englishmen have, the American knows little. Yet he loves his family. His women folk he places on a pedestal; and they are worthy of it. He would rather have a family of girls than of boys. Girls give him a peep into the paradise of refinement. His personal idea of comfort is a garish

hotel, with a marble hall and an express elevator. That it is possible to be more comfortable in a small hotel than in a big one is beyond his range of comprehension. If he could load his wife and daughters with jewels, give them what is called "a cottage at Newport," let them outshine everybody else in burning dollars, to adopt the current phrase, by giving entertainments which cost more money, by having the price of his wines mentioned in the newspapers—he is not far from the acme of his ambition. Newport is the most vulgar spot on earth. To the American money-maker it is Eden.

In no country in the world is there

so much talk about freedom, the brotherhood of man, the rights of the individual; yet in no other country is personal honor at a lower level. Such a thing as a man doing anything from a disinterested public motive the money-maker cannot believe in. To tell him there is any man in the British Parliament, or on a county council, or in a town council, for other than private ends, lining his own pockets, is to talk outside his comprehension. his own politicians are place-hunters, and most of his municipalities are rotten.

He is distrustful. When I entered the United States I had to sign a de-

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Telegraphic Address : "DYNAMO, HYDE."

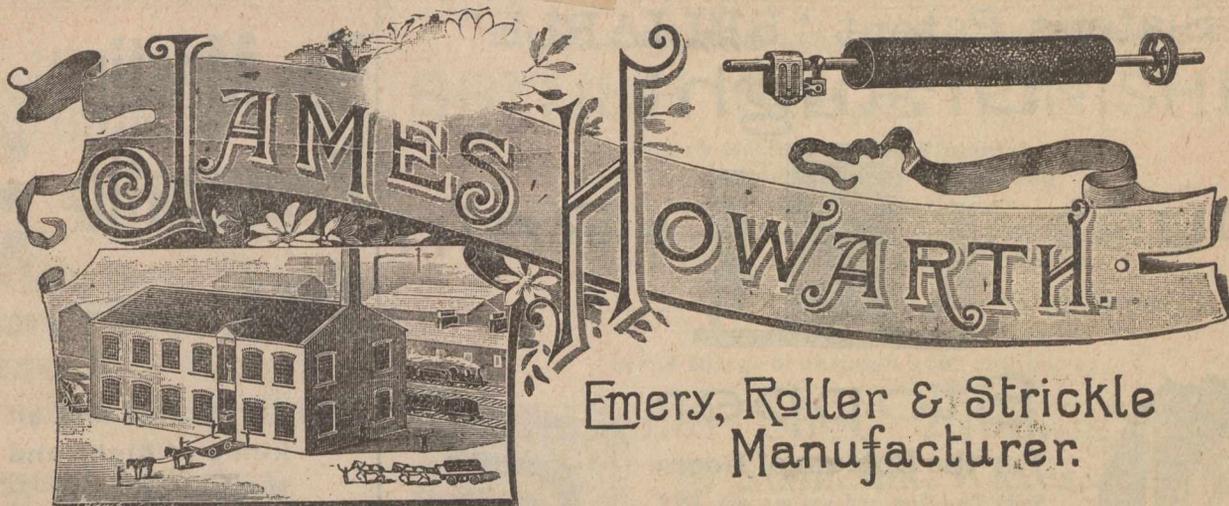
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Improved ROLLER GRINDING FRAMES of all descriptions.

ROLLERS RE-COVERED with COMPOSITION and EMERY manufactured on an Improved Principle by our own Patent Machinery.

The Emery is very angular and requires only a light touch on the Card and is guaranteed true, being especially adapted for tempered Steel Cards.

EMERY FILLETING. WOOD and IMPROVED FLEXIBLE CLOTH STRICKLES made to Order, any size or shape.

claration that I was not going there under contract, that is, to work for an American paper. If that had been my object I would have been turned back. It is difficult for a German musician, hired possibly to play in some theatre orchestra, to enter the States. A while back some Nottingham lace-makers were taken over to start a lace-making industry near Chicago, and to instruct Americans in lace-making. They only entered after much bother. Nobody in America puts his boots outside his bedroom door in a hotel. He would have the guilelessness of the young man from the country if he expected them there in the morning. We all know the sixpence-in-the-slot-machine scheme whereby we can get a pair of opera-glasses at the theatre. They have the same arrangement in America. But the opera glasses are chained.

To the British mind the American money-maker is rather appalling. Once, when I was listening to a Chicago

man's narrative of his trade methods, I remarked, "But that was rather unscrupulous!" He took it as a British acknowledgment of smartness. Old-fashioned business morality is quite out of date. The creed of the American money-maker runs: "My object on earth is to get dollars; if the other fellow isn't cute enough to prevent me getting his, then he is a son of a gun and worth only 30 cents." How a man gets money does not count so much as whether he gets it.

Disrobing him of his various questionable qualities, the fact nevertheless remains that the American money-maker is the most assiduous businessman on the face of the earth. You cannot shatter that fact by six Hansard volumes of talk about his faults. Every ounce of him he puts into work. Precedents and usages he elbows on one side as he casts on one side an employe the instant that employe slips below high-level mark.

Nearly all the heads of great works

have in their time been ordinary workmen themselves—and they are always the hardest masters. The breakfast hour in America is 7, and by 8 a man has dictated all his answers to letters. If you have an appointment with him for 10 o'clock, he is engaged with somebody else if you turn up at 10 minutes past. Go into an average English office with a proposition, and you will be told the firm will think about it, and you may get a definite order in a week. Go into an average American office; get straight down to business, and in three minutes you get a "No" or a "Yes." If a thing strikes an America as good, he will plunge at it for all he is worth. He will spend \$10,000 on new machinery. Three months later, when the machinery has hardly got into working order, show him something better, that will do more work and at less money and maybe cost £20,000, then all the recent machinery is ripped down, and the still newer put up. It is reckless; but it

**Whitaker & Company,**  
25, Bateman's Row, Shoreditch,  
LONDON, E. C., ENGLAND.

—MANUFACTURERS OF—

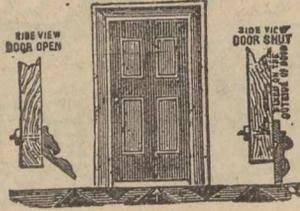
Ladies and Nursery Shoes,

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



# Slater's Patent "RELIABLE" Draught

Dust



& Rain

## Stopper For the Bottom of Doors

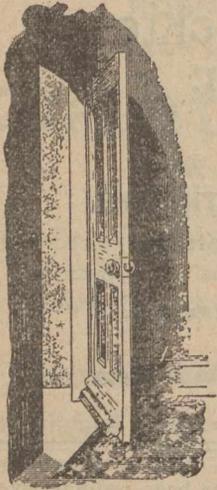
Stock Two sizes, and you can suit ANY WIDTH of Door. Cut in Two Minutes to any length.

### Also THE CHEAP "CHAMPION"

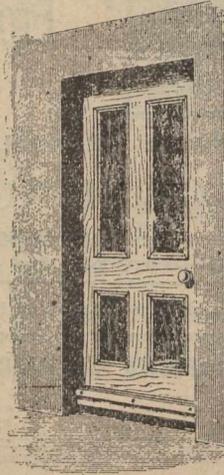
Easy to Fix. Easy to Remove. Lowest Price. Quickest Sale.

The Cheapest Draught, &c., Preventer Obtainable.

BEST DISCOUNT TO THE TRADE.



Door with Preventer, OPEN.



Door with Preventer, SHUT.

**Smith Slater, Limited,** Longley Street, **OLDHAM, Eng**

pays. The American leans back in his chair and laughs at British manufacturers who only have new machinery when the old is worn out. And as he treats machinery, so does he treat his workmen.

After business hours the money-maker will go to his club. There you never hear talk about any thing but money-making; how much this business is worth; how much that makes in a year; how much somebody is spending in new plant; how much a new machine will turn out, and how much it will save in cost of production. You don't hear books discussed; you don't hear talk about golf; you are not told anecdotes about shooting; you don't even hear smoking-room stories. Every man talks about money-making. At first you are staggered; then you are disgusted; then comes a great wonder at the energy, the vitality, the unwaning enthusiasm of it all.

The dry, bracing atmosphere that keeps a man at the full stretch of his powers, as a half-bottle of champagne will do for a time, accounts for much. The American business man drinks neither spirits, beer nor wine. One of the things that impressed me most when I have lunched with business men at their clubs has been the absence of alcohol. I have lunched in a room where have been a hundred of the leading men of a city, and I have not seen a glass of ale anywhere. Water has been the only drink. A man who takes spirits in the middle of the day is as much looked upon askance as a bank manager in England would be if he were constantly fuddled.

"Yes," said a man to me, "there has been a wonderful change these last 10 years. The strain of business is at times simply terrible. A man couldn't bear it if he drank. The head must be kept cool and clear, and that can't be if a man drinks. In such bitter, ruthless competition as exists to-day—not only America against the world, but American against each other—we have to be water drinkers in sheer self-protection."

An impetus is given to every one employing labor to minimize the cost of labor, and that is done by labor-saving machinery. The ability to set up as farmers with no rent to pay sends wages up, and thus is the cause of American inventiveness in machinery. Half-used machinery is thrown aside for improved machinery, because everybody must adopt every plan to keep abreast of the competition. There is no machinery in the world equal to that found in the steel works of America. That is because American steel has had to pay high wages and yet fight British steel.

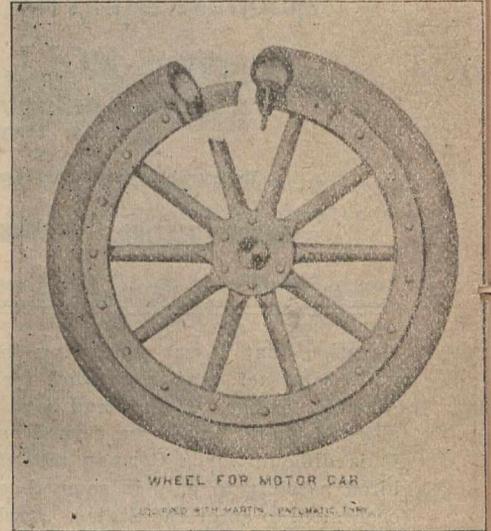
In those industries which are highly protected against foreign competition, such as the cotton and woollen trades, there is not the same wide-awakeness. Protection enables the high wages to be paid. Cotton and woollen manufacturers have American trade to themselves, and, compared with the steel trade, there has been nothing like the same thirst for labor-saving machinery.

In England our technical schools do something towards the development of

# The Martin Pneumatic Tyre.



For Motors and all kinds of Light and Heavy Vehicles.



**NO CREEPING.  
NO PUNCTURES;  
NO INNER TUBE.  
PERFECT  
RESILIENCE.**

Write for Particulars and Price Lists to

**THE SECRETARY**

**Martin Pneumatic Tyre Syndicate,**

LIMITED,

**SUFFOLK HOUSE,**

**LAURENCE POUNTNEY HILL,**

**LONDON, E.C., Eng.**

Telegrams: "PENSATIVO," London.

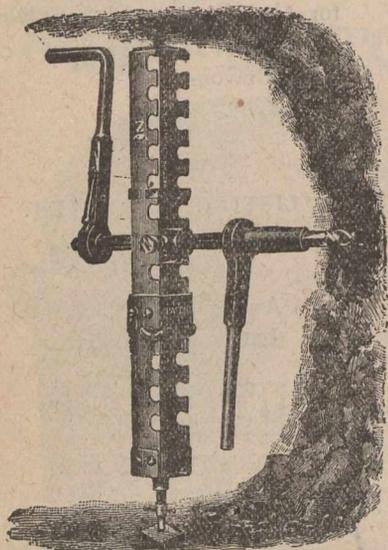
**Has Beaten all Records for Enduring Qualities.**

# Matthias Spencer

**& SONS,**

MANUFACTURERS OF

Steel Files, Cutlery, Edge Tools,  
Hammers, Wedges, Picks, Boring  
Machines Drills, Chisels, Crow-  
bars, Shafts, Sockets, Shovels  
&c

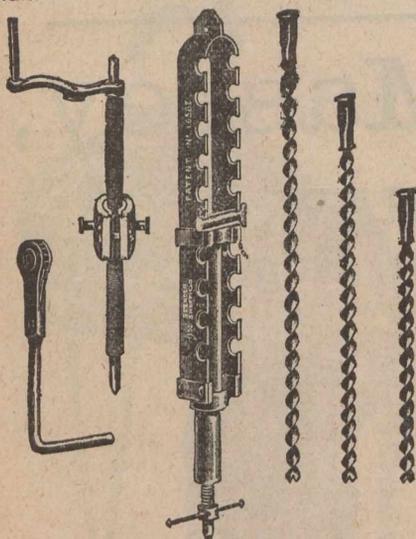


MAKERS OF

**MINERS' TOOLS**

Of Every Description.

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



TRADE MARK.

**SPENCER  
SHEFFIELD**

GRANTED 1749.

**Albion Steel Works,  
SHEFFIELD, Eng.**

Write for Lists.  
Prices on Application.

## WE ARE STILL LEADING THE WAY WITH BRITISH SHOE FINISHES

Royal-Oak Stain for Sole Finishing.  
British-Oak Russet for Sole Finishing.  
Rapid Brown for Heels and Edges.  
New Process Black for Heels and Bottoms.  
Edge Inks, Fake, Heel Balls, Waxes, &c.

**We Excel in these Lines.**

Write Direct or through your shipper to

**International Shoe Findings, Lt'd.,**

MANUFACTURERS OF **Stain, Ink, Waxes, &c.,**

TELEGRAMS: "Blacking, Leicester" **Gray Street Mills, LEICESTER, Eng.**

Special prices to Canadians under the New Tariff.

Telegrams: "CARRIED," Leicester.

Established 1879.

## WALTON CARR, Junr.,

WHOLESALE

**Boot & Shoe**

**MANUFACTURER**



**Asfordby Street Works, North Evington,**

**Leicester, England.**

handcraftsmen. In America the handcraftman holds a minor position. You can get a good pair of boots in America, but to have them neatly repaired is almost more than money will procure. It is cheaper to buy a new pair. Handcraftsmen are too dear a luxury. The manufactured article is the tendency. Hardly anybody above the poorer classes wears ready-made clothes in England. Middle-class folk wear them in America. There are all sorts of sizes in America, to suit all figures. Thus the tailoring craftsman is largely done away with.

Art in manufactured goods hardly exists. Patterns and styles are appropriated from abroad, altered, even improved, to suit the American fancy, and then put out as purely American productions. In New York I was struck with the excellent silverware everywhere. Inquiry, however, revealed that nearly all the workmen were imported. When I pressed my enquiry further, as to whether the rising generation would not produce silversmiths, I was told "No," because the boys won't learn craftsmanship. I saw charming pottery made at Trenton, in New Jersey. But the makers were from Staffordshire. When the visitor to the English pottery district notices is that every

pottery town has its art school. Trenton has no art school. It is not that Americans lack the taste to produce fine work. It is because manufacturers prefer to take English patterns and produce articles by machinery in enormous quantities. Quantity at a cut price is the ideal.

There is no lack of mental material for excellence in America. The mischief is that, at present, everything is subordinated to getting and giving the biggest amount for the smallest money. Accordingly, while American goods are cheap, there is too often a crudeness, a lack of finish, that does not mark the European article, which is produced more slowly.

The American money-maker does not read books. He has only time to glance at newspapers. Level-headedness is not the distinguishing quality of American newspapers. Our own British newspapers, like the British man, is prone to depreciate everything in our own country. The American newspaper, like the American man, is perpetually crowing and pluming. This revelry of optimism, which just now is rampant in the United States, gives the confidence that is half the battle in business. The American business man is confident that there is no man

on earth so good as himself. He will tell you confidently that America invented everything. If you tell him America invented neither the railway engine nor the steamship, you stagger him; he didn't know.

See, then, the material that goes to build up the modern American money-maker. He has the good-natured arrogance of the self-made man with bulging pockets. To make money is the first, middle and last move in his rise in life. He knows that money gives him a special car on the railroads; it puts his picture in the one-cent yellow press; it provides his wife and daughters with the means to give costlier entertainments than their neighbors; it gives him power to crush other men.

America has no traditions in the broadest sense. There is no atmosphere of restraint. It is the desire of the majority of young Americans, even though their fathers are rich, to get their shirt sleeves tucked up and plunge into business and make their own pile. With their mind concentrated on this one object, and following it night and day with nothing intervening, there is no wonder that many men under 30 have patches of gray hair over their temples.

There are lofty-souled, refined Americans to whom nothing I have written can apply. But I have taken the business man, the money-maker, the man who talks money, who judges every thing by its money value, the man whom the British Business man has to meet in the great struggle for the world's commerce.

He is no antagonist to disappear at a pooh! pooh! He is all strenuousness: his wits are ever on the dance; business is a battle, and he knows no mercy and has little scrupulousness. He has a peck of faults. But he is scaling them, and he is never above learning—if knowledge means more money.

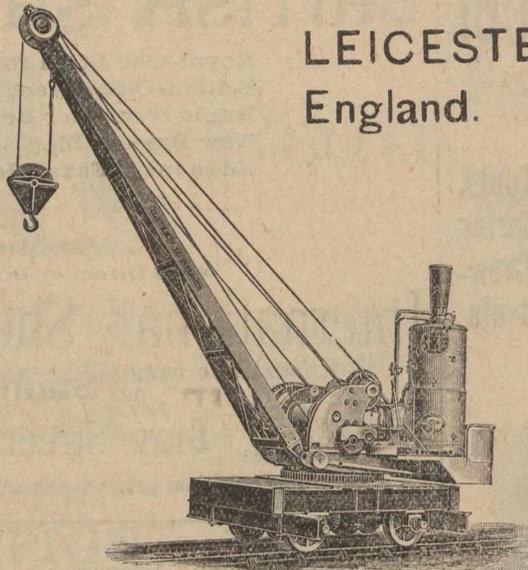
#### THE CALIFORNIA FARMER.

No popular misconception is less excusable than that which persists in depicting the farmer of to-day as a gawky and ignorant individual, belouted and bewhiskered, ungrammatical of speech and unsophisticated of action, the clodhopper of the stage, the populist scarecrow of the caricaturist. A visit to a single convention of farmers in any state of the Union would serve to disabuse the mind of the most prejudiced. An assemblage of sons of the soil, man for man, presents quite as creditable an appearance as a convention of financiers or scientists, barring some slight differences in dress.

In California, where climatic conditions are more secure than in any other land on the globe, the average farmer stands high in intelligence, in worth, and often in intellectual culture. A life close to nature offers peculiar temptations in the beautiful valleys and along the picturesque hills, where storms always come duly announced and fair weather may be reckoned upon with certainty during the greater portion of the year in an unbroken succession of fair days. California's farm-

# TAYLOR & HUBBARD

## LEICESTER, England.



Manufacturers of the most improved . . . .

## Cranes

for Canadians under the New Preferential Tariff, of 33½ p.c. in their favour.

WIRES:

"LIFTING," LEICESTER.



Awakening to the Fact that by purchasing . . .

## BUTTERCUP

## METAL

## POLISH

Under the New Tariff from

Chiswick Soap Co.,

LONDON, Eng.,

you can SAVE MONEY.

# B. & S. Massey,

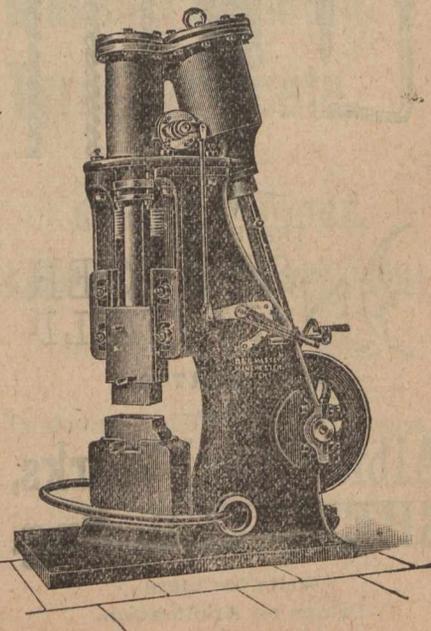
OPENSHAW,  
Manchester, Eng.

## THIS PNEUMATIC HAMMER

Is the best substitute for a Steam Hammer. It is as Powerful, and is Equally well Controlled. It can be driven by either Electricity or by a bolt from an ordinary line-shaft.

Write for Particulars.

Steam Hammers, Power Hammers, Stamps, Band Sawing Machines, &c.



Three Gold Medals Awarded, 1899.  
Silver Medal, Highest Award, Al-  
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Telegrams :  
"CHALLINER," Manchester.  
"INAUDIBLE," London.

THE  
**Shrewsbury & Challiner Tyre Co., Ltd.,**

MANUFACTURERS OF

**INDIA RUBBER CARRIAGE**

.....AND.....

**MOTOR CAR TYRES** EVERY DESCRIPTION.



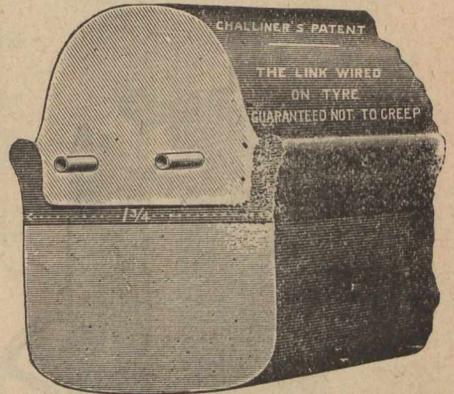
INCLUDING THE

**CUP TYRE**

Specially adapted for Motor Cars, Omnibuses, &c. Over 1,000 tons supplied during the last 12 months. Made in eight sizes to suit all classes of Vehicles.

NOTED FOR

**Comfort, Combined with  
Strength and Durability.**

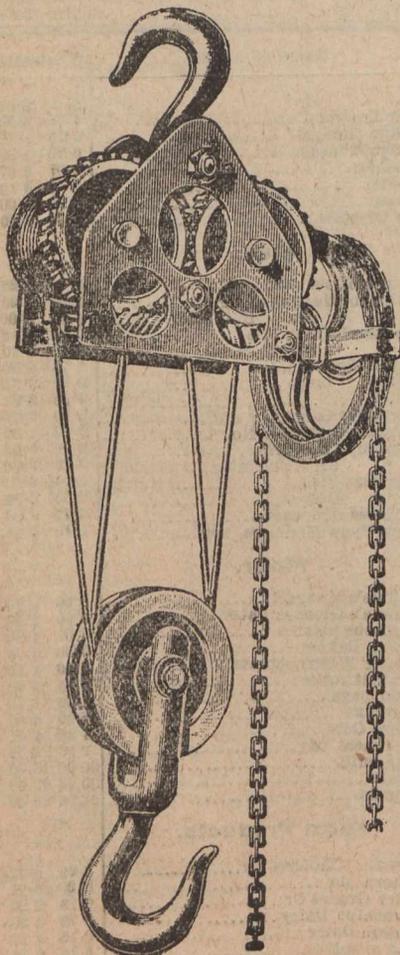


The King of the Wired-on-Tyres.



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

WRITE FOR DESCRIPTIVE PRICE LIST.



**Lifting  
Tackle**

FOR ALL PURPOSES.

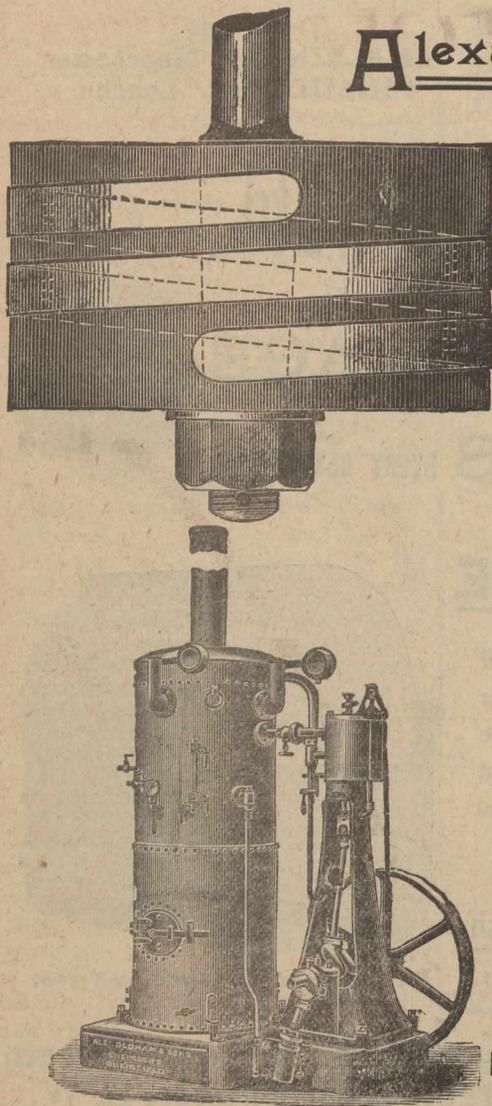
**Cranes, Sheave Blocks,  
Crabs, Pulley Blocks.**

The Steel Rope  
Pulley - Block Co.,  
LIMITED,

**WASHFORD ROAD,  
Sheffield, Eng.**

houses are, as a rule, supplied with water systems, and many in the modest class generating their own electric power by windmill or the downward rush of some mountain stream, have their electric lights and a harnessed material force which turns churn, washing-machine and sewing machine. The California ranchman is always first to adopt a tested and proved labor-saving invention, and it will not be long before his ground will be tilled and his products conveyed to market by ploughs and trucks to which no horses are attached. The bounteous production of well-tilled California soil gives him advantages over his city neighbors, supplying his table with a feast fresh from garden and orchard every day in the year.

Best of all, where other men wear out their lives in striving for the support of a home which they enter only for brief periods of rest, he daily enjoys the full comforts of home and of a near acquaintance with his own family. There is more leisure, the year round, in a farm-house than in a city home, and this leisure justifies and gives more than an empty meaning to the plentiful supply of books and periodicals commonly found in remote mountain cabins and cottages in the heart of the interior valleys. Only where unthrift exists or peculiar mis-



# Alexander Oldham & Sons,

Johnson Brook Patent Piston Works,  
and Engineering Works



DUKINFIELD,  
ENGLAND.

MAKERS OF

## Vertical & Horizontal Steam Engines.

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

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

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

**MONTREAL WHOLESALE PRICES CURRENT.**  
FRIDAY, DEC. 26, 1902.

Name of Article.	Wholesale	
	\$ c.	\$ c.
<b>Drugs &amp; Chemicals</b>		
Acid Carbolic Cryst medi.....	0 25	0 30
Aloes, Cape.....	0 16	0 18
Alum.....	1 40	1 75
Borax, xlis.....	0 04	0 08
Brom. Potass.....	0 40	0 50
Camphor. Ref Rings.....	0 00	0 75
"    Ref oz. ck.....	6 75	0 90
Citric Acid.....	0 35	0 40
Citrate Magnesia lb.....	0 25	0 45
Cocaine Hyd. (oz).....	5 00	5 50
Copperas, per 100 lbs.....	0 75	0 80
Cream Tartar.....	0 30	0 25
Epsom Salts.....	1 25	1 75
Glycerine.....	0 17	0 20
Gum Arabic per lb.....	0 20	0 40
"    Trag.....	0 50	1 00
Insect Powder lb.....	0 25	0 40
do per keg, lb.....	0 22	0 30
Menthol, lb.....	9 50	10 00
Morphia.....	1 35	1 45
Oil Peppermint lb.....	6 50	7 00
Oil Lemon.....	1 15	1 25
Oplum.....	3 50	4 00
Oxalic Acid.....	0 08	0 10
Phosphorus.....	0 50	0 75
Potash Bichromate.....	0 08	0 10
Potash Iodide.....	3 00	3 40
Quinine.....	0 30	0 40
Strychnine.....	0 65	0 80
Tartaric Acid.....	0 28	0 32
<b>Licorice.—</b>		
Stick, 4, 6, 8, 12, & 16 to lb., 5 lb. boxes.....	2 00	0 00
Acme Licorice Pellets, cans.....	2 00	0 00
Licorice Lozenges, 1 5 lb. cans.....	1 50	0 00
<b>Heavy Chemicals.</b>		
Bleaching Powder.....	1 75	2 50
Blue Vitriol.....	4 75	5 75
Brimstone.....	2 00	2 50
Caustic Soda.....	2 00	3 00
"    ".....	0 00	0 00
Soda Ash.....	1 25	1 50
Soda Bicarb.....	1 75	2 25
Sal. Soda.....	0 75	0 85
"    Concentrated.....	1 50	2 00
<b>Dyestuffs.</b>		
Archil. con.....	0 27	0 29
Cutch.....	0 03	0 09
Ex. Logwood.....	0 09	0 15

fortune pursues the industrious, does proseprity fail to take up her permanent abode beside the ranchman's hearth. Men and women bred amid the harsh conditions of life on farms in New England and the middle West have exerted a wide influence upon the nation's destiny. It may be well to keep an eye on California boys and girls who are to-day growing up to a strong and capable manhood and womanhood under conditions more favorable for the best development of character. The California farmer is already a recognized factor in politics. He will have to be reckoned with more and more in the politics of the future. Out of the tranquil atmosphere of the ranch, apart from influences which bias judgment, and entrenched against corrupting temptations, should come the wisest thought and the coolest judgment for the welfare of state and nation.

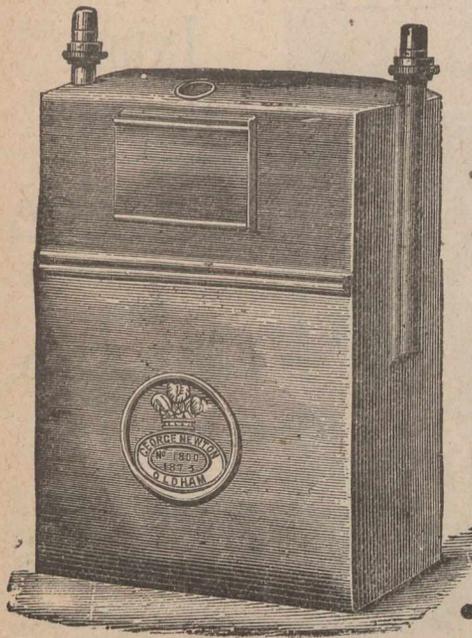
Agriculture and horticulture, by which are popularly understood the cultivation of cereals and the more intensive culture of orchard and garden products, come nearer to being exact sciences here than elsewhere.

With their multifarious possibilities they are attracting to them, as the years go on, a larger proportion of the best equipped college-bred men. The recent action taken by the university of California, in planning for new development along the lines upon which the institution was especially organized, is bound to attract new atten-

**MONTREAL WHOLESALE PRICES CURRENT.**  
FRIDAY, DEC. 26, 1902.

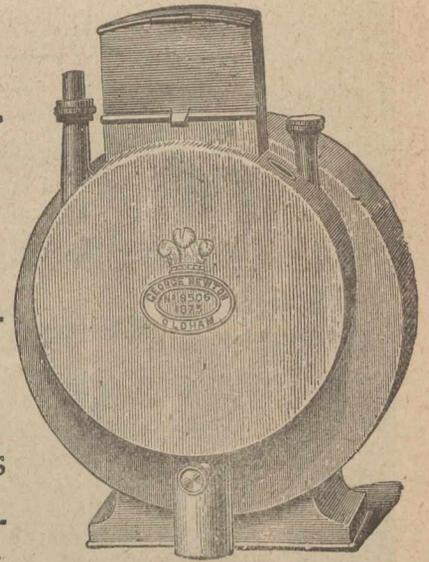
Name of Article.	Wholesale.	
	\$ c.	\$ c.
Chip Logwood.....	1 75	2 50
Indigo (Bengal).....	1 50	1 75
Indigo Madras.....	0 70	1 00
Gambler.....	0 07	0 07
Madder.....	0 09	0 12
Sumac.....	50 00	55 00
Tin Crystals.....	0 24	0 30
<b>Fish.</b>		
Bloaters, per box.....	1 00	1 25
Labrador Herrings.....	5 00	5 25
do    do    Half bris.....	2 75	3 00
Mackerel No. 2, bris.....	0 00	12 50
"    "    1/4 barrel.....	6 00	6 50
Green Cod. No. 1.....	5 75	6 00
Green " large.....	0 00	6 00
No. 2.....	4 75	5 00
Large dry Gaspe per qntl.....	5 00	5 25
Salmon, bris Lab. No. 1.....	0 00	14 00
Salmon, (half bris).....	0 00	0 00
"    Brit. Cod bris.....	0 00	00 00
Boneless Fish.....	0 04	0 00
"    Cod.....	0 75	0 00
Skinless Cod, case.....	4 75	5 00
Loch Fyne Herrings, keg.....	1 20	1 15
<b>Flour.</b>		
Ogilvie's Hungarian.....	0 09	4 20
Ogilvie's Glenora Patent.....	0 00	3 90
Manitoba patents.....	6 00	4 20
Strong Bakers.....	0 00	3 90
Winter Wheat patents.....	4 00	4 10
Straight roller.....	3 65	3 80
do    bags.....	1 75	1 85
Superfine.....	4 50	4 60
Rolled Oats.....	4 25	4 35
Corn meal, bag.....	1 50	1 55
Bran bulk.....	00 00	18 00
Shorts.....	00 00	20 00
Moulis.....	24 00	26 00
<b>Farm Products.</b>		
Butter; Choicest Cr.....	0 32	0 23 1/2
Eastern do.....	0 30	0 21
Under Grades Cr.....	0 19	0 20
Townships Dairy.....	0 19	0 20
Western Dairy.....	0 16	0 17
Good to choice.....	0 14	0 16
Fresh Rolls.....	0 17	0 18

# GEORGE NEWTON, LTD.



GAS METER=  
MANUFACTURERS.

OLDHAM,  
ENGLAND.



Special quotations  
under the new Cana-  
dian Preferential Tariff.

MONTREAL WHOLESALE PRICES CURRENT  
FRIDAY, DEC. 26, 1902.

Name of Article.	Wholesale	
<b>Farm Products.—Con.</b>		
<b>CHEESE:</b>	\$ C.	\$ C.
Ont. New.....	0 12 1/2	0 12 1/2
Eastern.....	0 12	0 12 1/2
Eggs: Best selected.....	0 23	0 25
Straight gathered.....	0 20	0 21
Limed.....	0 16	0 18
Cold storage.....	0 17	0 17 1/2
Pickled.....	0 00	0 00
<b>SUNDRIES:—</b>		
Potatoes, per bag of 90 lbs.....	0 65	0 90
Honey, White Clov., Comb.....	0 11	0 11 1/2
"    Extracted.....	0 07 1/2	0 08 1/2
Beeswax.....	0 25	0 30
BEANS: prime.....	2 00	2 10
do. Best hand-picked.....	0 00	00 0
<b>Groceries.</b>		
<i>Sugars: Factory.</i>		
Ex Granulated, brls.....	0 00	3 80
Acadia gran'd.....	0 00	3 75
Ex Ground, in brls.....	0 00	4 55
"    in bxs.....	0 00	4 75
Powdered, in brls.....	0 00	4 30
"    boxes.....	0 00	4 45
Paris Lumps, in brls.....	0 00	4 55
"    half brls.....	0 00	4 55
"    100-lb bxs.....	0 00	4 55
"    50-lb bxs.....	0 00	4 65
Branded Yellows.....	3 15	3 70
Molasses (Barbados).....	0 24	0 25
do brls. & 1/2s.....	0 25 1/2	0 28 1/2
Evaporated Apples.....	0 06 1/2	0 07
<b>Raisins:</b>		
Sultanas.....	0 09	0 12
Loose Musc. Malaga.....	0 00	0 03
Layers, London.....	0 00	1 50
Con. Cluster.....	0 00	2 00
Extra Dessert.....	0 00	2 75
Royal Bucking'm.....	0 00	3 25
Valencia.....	0 07	0 08 1/2
"    Selected.....	0 00	0 00
"    Layers.....	0 00	0 00
"    Provincials.....	0 00	0 00
Filiatras.....	0 00	0 03 1/2
Patras.....	0 00	0 00
Vostizzas.....	0 05 1/2	0 06 1/2
Prunes, Cal.....	0 04 1/2	0 07 1/2
do French.....	0 04	0 05
Figs in bags.....	0 03 1/2	0 00
"    new layers.....	0 10	0 17
<b>Rice, C. C.</b>		
"    standard B.....	2 82 1/2	2 92 1/2
"    Patna.....	4 25	4 75
"    Burmah.....	4 00	4 10
"    Crystal Japan.....	4 50	0 00
"    Carolina..... Java.....	0 00	3 07 1/2
"    C.....	0 90	2 00
Pot Barley, bag 48 lbs.....	0 03	0 05
Pearl " per lb.....	0 02 1/2	0 00
Tapioca, Pearl.....	0 02 1/2	0 00
"    Flake.....	0 02 1/2	0 00
Corn, 2 lb. tins.....	0 00	1 00
Peas, 2-lb tins.....	0 00	1 00
Salmon, 4 doz. case.....	0 00	5 00
Tomatoes, 3s. per doz.....	1 50	1 75
String Beans.....	0 80	0 85

tion to these callings, to stimulate the interest of the young and to invest rural pursuits with new dignity. The feeling that the vocation was despised has served to deter many a country boy from cleaving to the ranch, to his own substantial regret and loss. For a bright, intelligent woman, every branch of horticulture offers splendid opportunities in California. For the family there are countless chances for the organization of home industries, which may be made profitable and interesting and even instructive. Taken all in all, no business or trade and no profession hold such substantial promise for present profit and vistas so alluring.

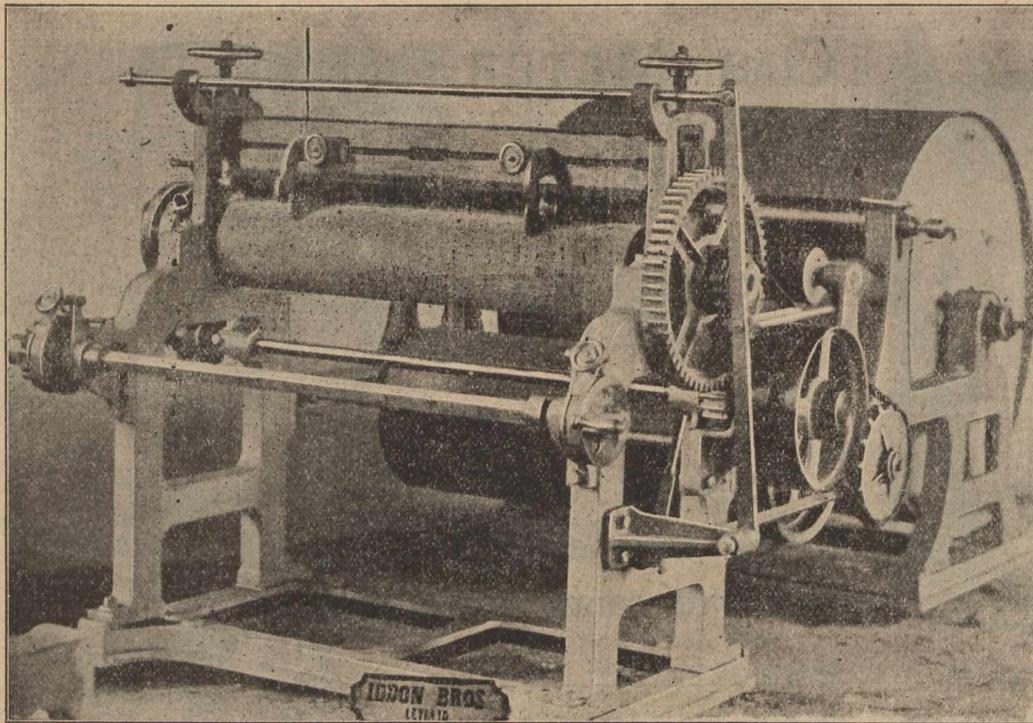
CONSOLIDATED RURAL SCHOOLS.

Prof. Robertson, Commissioner of Agriculture and Dairying, returned recently from a visit of investigation and observation to a portion of the State of Ohio, where remarkable progress has been made in the improvement of rural schools by the plan known as that of consolidation or centralization. He had invited, says an Ottawa report, Mr. R. H. Cowley, Inspector of Schools for the County of Carleton, and Prof. L. C. Head, head of the department of biology at the Ontario Agricultural College, to accompany him. Their destination was Turnbull County, Ohio, which lies about twenty miles south of Lake Erie and adjoins the western border of the State of Pennsylvania. This district was chosen because the conditions of climate, roads, distribution of population and character of school system are not materially different from those of the settled parts of Ontario.

MONTREAL WHOLESALE PRICES CURRENT.  
FRIDAY, DEC 26 1902.

Name of Article.	Wholesale	
<b>Hardware.</b>		
Antimony.....	0 09 1/2	0 10
7/16" Block, L & P, P. D.....	0 00	0 31
"    Straits.....	0 00	0 00
"    Strip.....	0 00	0 32
Copper: Ingot.....	0 00	0 00
Cut Nail Schedule.....		
Base Price, per Keg, car lots.....	2 40	0 00
Less quantity.....	2 45	0 00
Extras—Over and above 30d., 40d., 50d., 60d and 70d Nails.....		
Cut and Fence Nails—		
16 and 20d Hot Cut, per 100 lbs.....	0 05	0 00
10 and 12d ".....	0 10	0 00
8 and 9d ".....	0 15	0 00
6 and 7d ".....	0 30	0 00
4 and 5d ".....	0 40	0 00
3d ".....	0 65	0 00
2d ".....	1 00	0 00
Cut spikes 10c, per Keg advance.....		
Fine blued nails—		
3d per 100 lbs.....	1 00	0 00
3d ".....	1 50	0 00
Casing, Box, Tobacco Box and		
Flooring Nails—		
20 to 30d per 100 lbs.....	0 55	0 00
10 to 16d ".....	0 60	0 00
8 and 9d ".....	0 65	0 00
5 and 7d ".....	0 70	0 00
4 to 5d ".....	0 85	0 00
3d ".....	1 20	0 00
Finishing nails—		
1 inch and longer per 100 lbs.....	0 60	0 00
3/4 and 2 1/4 inch.....	0 65	0 00
2 and 2 1/2 inch.....	0 70	0 00
1 1/2 and 1 3/4 ".....	0 85	0 00
1 1/4 ".....	1 20	0 00
1 ".....	1 50	0 00
Slatting nails—		
1 1/2 and 1 1/4 inch per 100 lbs..	0 95	0 00
1 1/4 ".....	1 20	0 00
1 ".....	1 50	0 00
Common barrel nails—		
1 1/2 inch per 100 lbs.....	1 00	0 00
1 ".....	1 00	0 00
3/4 ".....	1 25	0 00
1/2 ".....	1 50	0 00
Clinch nails—		
1 inch and longer per 100 lbs.....	0 60	0 00
3/4 and 2 1/4 inch.....	0 65	0 00
2 and 2 1/2 inch.....	0 70	0 00
1 1/2 and 1 3/4 ".....	0 85	0 00
1 1/4 ".....	1 20	0 00
1 ".....	1 50	0 00
Sharp and flat pressed nails		
1 inch and longer per 100 lbs.....	1 35	0 00
2 1/4 and 2 1/2 inch.....	1 50	0 00
2 and 2 1/4 ".....	1 65	0 00
1 1/2 and 1 3/4 ".....	1 85	0 00
1 1/4 ".....	2 50	0 00
1 ".....	3 00	0 00
Coil Chain—No. 6.....	0 11 1/2	0 00
"    5.....	0 10	0 00
"    4.....	0 09 1/2	0 00
"    3.....	0 09	0 00
"    1/2 inch.....	0 07 1/2	0 00
"    5-16.....	4 35	0 00
"    3/8.....	4 25	0 00
"    7-16.....	4 00	0 00

# IDDON BROTHERS



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ENGLAND.  
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**SPECIAL NOTE:** Buyers of Rubber Machinery, have 33 1/4 p.c. in their favor by purchasing from the Makers and Inventors in England under the new Canadian Preferential Tariff.

**MONTREAL WHOLESALE PRICES CURRENT**  
FRIDAY, DEC 26, 1902.

Name of Article.	Wholesale.	
	\$ c	\$ c
<b>Hardware.—Con.</b>		
Coil Chain—No. 1/4	3 85	0 00
9-16	3 75	0 00
3/4	3 65	0 00
1/2	3 78	0 00
3/8 & 1 in.	3 60	0 00
Galvanized Staples—		
100 lb. box, 1 1/4 to 1 1/2	3 00	0 00
Bright, 1 1/4 to 1 1/2	2 80	0 00
Galvanized Iron:		
Queen's Head, } gauge 23	4 40	4 65
or equal. } gauge 23	4 10	4 35
Comet do 28 gauge		
Iron Horse Shoes:		
No. 2 and larger	0 00	3 35
No. 1 and smaller	0 00	3 60
Bar Iron, per 100 lbs.	0 00	2 00
Car lots	0 00	0 00
Norway, base	0 00	4 25
Am. Sh. St'l, 6 ft. x 2 1/2 ft., 18	0 00	3 20
" " " 20	0 00	3 20
" " " 22	0 00	3 30
" " " 24	0 00	3 30
" " " 26	0 00	3 40
" " " 28	0 00	3 50
Boiler plates, iron, 1/2 in.	0 00	2 19
" " " 3-16 in.	0 00	2 10
Hoop Iron, base for 2 in. and larger	0 00	2 90
Band Canadian, 1 to 6 in. 30c; over base of ordinary iron, smaller size Extras.		
Canada Plates:		
Full Polish	4 00	
Ord. 52 sheets	2 65	
" 70 do	2 70	
" 85 do	2 75	
Black Iron pipe:		
3/4 in.	2 22	
1/2 in.	2 45	
3/8 in.	2 65	
1/4 in.	3 40	
1 in.	4 80	
1 1/4 in.	6 80	
1 1/2 in.	8 20	
2 in.	11 60	
per 100 ft. nett.		
Steel, cast p.lb., Blk Diam'd	0 08	base
" Spring, 100 lbs	3 00	0 00
" Tire	2 20	base
" Sleigh shoe, 100 lbs.	2 20	base
" Toe Calk	2 20	
" Machinery	2 75	base
" Harrow Tooth	2 50	
Tin Plates:		
IC Coke, 14 x 20	4 25	
IC Charcoal, 14 x 20	4 50	
IX Charcoal	6 50	
IX "	6 50	

The country in that part of Ohio is comparatively level. Dairy farming is the main occupation of the people. The chief crops are Indian corn, other cereals, hay and grass. A little fall wheat is grown, but scarcely enough for the home use of the farmers. The orchards and fences were for the most part frail souvenirs of the past. The farm houses, barns and fields were evidence that the people were fairly prosperous and well-to-do, but not so much so as in the more advanced rural districts in many counties in Canada. The townships are five miles square, intersected in both directions by central roads. Other roads run parallel to the e every mile and a quarter in both directions. That marks the country into blocks each one and a quarter miles square.

Six years ago Gustavus Township became the pioneer in that part of the United States in the consolidation of rural schools. There were nine school districts in the townships and as many small schools. Then the districts were united into one, and a central school was erected at a cost of 3,000. It is a frame building, containing four well-lighted class-rooms, a small recitation room and cloak rooms. Instead of nine teachers in little isolated schools, there are now a principal at a salary of \$65 per month, and four assistant teachers at \$32 or \$30 per month in the united school. Nine nice-looking vans are used to convey the children from and to their homes. These waggons or school vans have comfortable seats running lengthwise of the vehicles, waterproof

**MONTREAL WHOLESALE PRICES CURRENT.**  
FRIDAY, DEC. 26, 1902.

Name of Article.	Wholesale.	
	\$ c.	\$ c.
Terne Plate IC, 20x28	7 50	0 00
Russ. Sheet Iron	0 10	0 00
Lion & Crown tin'd sh'ts		
22 and 24 gauge case lots	0 7	7 75
26 gauge	0 70	7 75
Lead: Pig, per 100 lbs;	3 25	3 35
Sheet	0 00	0 04 1/2
Shot, 100 lb., less 2 1/4 p.c.	0 00	6 50
Lead Pipe, per 100 lbs.	7 00	0 00
		less 37 1/2 p.c.
Zinc:		
Spelter, per 100 lbs.	0 00	5 25
Sheet, Zinc "	5 75	6 00
Black Sheet Iron,		
Per 100 lbs.		
8 to 16 gauge	2 40	0 00
18 to 20 do	2 31	0 00
22 to 24 do	2 35	0 00
26 do	2 40	0 00
28 do	2 45	0 00
WIRE:		
Plain galv'd, No. 5	3 70	0 00
do do No. 6, 7, 8	3 15	0 00
do do No. 9	2 65	0 00
do do No. 10	3 20	0 00
do do No. 11	3 25	0 00
do do No. 12	2 80	0 00
do do No. 13	2 90	0 00
do do No. 14	3 75	0 00
do do No. 15	0 00	0 00
do do No. 16	0 00	0 00
Barbed Wire—		
Spring Wire per 100, 1.25	2 90	f.o.b.
net extra.		Montreal.
Iron and Steel Wire pl'n		
6 to 9	2 50	base.
Rope.		
Sisal, base	0 00	
" 7-16 and up	0 11 1/2	
" 3/4	0 12	
" 5-16	0 12	
" 1/2	0 12 1/2	
" 3-16	0 18	
Manilla, 7-16 & lgr.	0 14	
" 5/8	0 14 1/2	
" 5-16	0 15	
" 3/4	0 15	
" 3-16	0 15 1/2	
Lath yarn	0 11	

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4. G.I.C. Extra Long High-Pressure Mantle, suitable for all High-Pressure Burners - - - - - 7/6 "
5. G.I.C. Gem Mantle - - - - - 4/6 "
6. G.I.C. Mantle for No. 4 Kern Burner - - - - - 6/- "

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Special prices to Canadians under the New Tariff, 33 1/3 p.c., in favour of Canadians.

#### MONTREAL WHOLESALE PRICES CURRENT. FRIDAY, DEC 26 1902.

Name of Article.	Wholesale.	
	\$ c.	\$ c.
<b>Wire Nails.</b>		
Base Price carload	2 40	
Less than	2 45	
2d extra	1 00	
2d f	1 00	
3d	0 65	
4d and 5d	0 40	
6d and 7d	0 30	
8d and 9d	0 15	
10d and 12d	0 10	
16d and 20d	0 08	
30d to 60d	Base	
<b>Building Paper.</b>		
Dry Sheeting (roll)	0 35	0 00
Tarred "	0 45	0 00
<b>Hides.</b>		
Montreal Green Hides		
" No. 1	0 07 1/2	0 00
" No. 2	0 06 1/2	0 00
" No. 3	0 05 1/2	0 00
Tanners pay \$1 extra for sorted cured & inspect'd Sheepskins.	0 00	0 00
Clips	0 00	0 00
Lambskins each	0 00	0 65
Calfskins, No. 1	0 00	0 10
" No. 2	0 00	0 8
Horse hides	1 50	2 00
<b>Leather</b>		
No. 1 B. A. Sole	0 27	0 38
No. 2 B. A. Sole	0 25	0 26
No. 3 B. A. Spanish Sole	0 24	0 25
Slaughter, No. 1	0 28	0 29
light medium & heavy	0 28	0 29
" No. 2	0 26	0 27
Harness	0 26	0 32
Upper, heavy	0 34	0 36
Upper, light	0 35	0 37
Grained Upper	0 34	0 35
Scotch Grain	0 35	0 38
Kip Skins, French	0 60	0 65
English	0 45	0 55
Canada Kip	0 50	0 60
Hemlock Calf	0 50	0 70
" Light	0 50	0 60
French Calf	0 85	1 10
Splits, light and medium	0 22	0 25
" heavy	0 17	0 20
" small	0 18	0 20
Leather Board, Canada	0 06	0 10
Enameled Cow, per ft.	0 16	0 18
Pebble Grain	0 12	0 14
Glove Grain	0 12	0 13
B. Calf	0 15	0 20
Brush (Cow) Kid	0 11	0 13
Buff	0 13	0 16
Ruesetts, light	0 35	0 40
" heavy	0 25	0 30
" No. 2	0 35	0 40
" Saddlers' doz.	7 50	9 00
Int. French Calf	0 65	0 75
English Oak lb	0 30	0 35
Dongola, extra	0 33	0 42
" No. 1	0 20	0 22
" ordinary	0 14	0 16
Colored Pebbles	0 13	0 16
" Calf	0 16	0 23

canvas covers and spring gearings. Before consolidation the average attendance at the schools in that township was 125. On the day of the visit by the three Canadians it was 143 out of an enrollment of 162. The year before consolidation the cost of maintenance of the nine schools of the township was \$2 000. Four years afterwards the cost of the centralized schools, including the conveying of the children, was \$3,156, being an increase in expenditure by the township on its school system of \$256. However, the average attendance at the central school was so much greater than at the single school district that the cost of education was decreased \$1.59 per pupil on the average attendance. Moreover, three years of high school work carried on in the consolidated school, and the total cost of that is included in the \$3,156.

The people in five adjoining townships have also consolidated their schools. Those of Gustavus, Kinsman and Johnston were selected for special scrutiny as presenting typical phases of the system. The schools of Kinsman and Johnston Townships have been consolidated for two years. At Kinsman the enrollment of pupils was 146, and eight school vans were employed. At Gustavus 162 pupils were on the roll and nine vans were used. At Johnston 175 pupils attended school and ten vans were in service.

The contracts for conveying the children to and from the schools are given to responsible persons. These are under bond to provide comfortable covered waggons, and to comply with the regulations of the school authorities. The vans hold from 15 up to over 25. The longest route traversed was about six miles. The vans arrive at the school at from 10 to 20 minutes before 9 o'clock, the hour at which the forenoon session begins. The afternoon session closes at 3.30 o'clock. At John-

#### MONTREAL WHOLESALE PRICE CURRENT FRIDAY, DEC 26, 1902.

Name of Article.	Wholesale.	
	\$ c.	\$ c.
<b>Oils</b>		
Cod Oil	0 37 1/2	0 40
S. R. Pale Seal	0 00	0 55
Straw Seal	0 40	0 50
Cod Liver Oil, Nfd. Norw		
Process	1 40	1 60
" " Norwegian	2 00	2 25
Castor Oil	0 08	0 10
Castor Oil brls	0 07 1/2	0 08 1/2
Lard Oil, Extra	0 80	0 90
" "	0 70	0 80
Linseed, raw, nett	0 65	0 67
" " boiled, nett	0 68	0 70
Olive, pure	1 05	1 15
Extra, qt., per case	0 00	3 70
Turpentine, nett	0 75	0 76
<b>Petroleum:</b>		
Benzine	0 22	0 30
<b>Glass.</b>		
United inches, 00 to 25	0 00	2 10
do 26 to 40	0 00	2 20
do 41 to 50	0 00	4 70
do 51 to 60	0 00	4 95
<b>Paints, &amp;c.</b>		
Lead pure 50 to 100 lb. kgs.	5 00	5 25
do No. 1	4 62 1/2	4 87 1/2
do No. 2	4 25	4 50
do No. 3	4 37 1/2	4 62 1/2
do No. 4	4 37 1/2	4 62 1/2
White Lead dry	5 50	5 50
Red Lead	5 00	5 50
Venetian Red Eng'h	1 75	2 00
Yel. Ochre, French	1 50	3 25
Whiting, ordinary	0 45	0 50
do Gilders	0 60	0 70
do Paris, do	0 85	1 00
English Cement, cask	2 15	2 25
Belgian do	1 65	1 90
German do	2 25	2 45
American do	2 00	2 40
Fire Bricks per 1000	16 00	22 00
Fire Clay	1 50	1 75
Rosin	2 75	5 50
<b>Glue:</b>		
Domestic Broken Sheet	0 13	0 15
French Casks	0 11 1/2	0 13
do brls	0 00	0 14
American White, brls	0 16	0 20
Coopers' Glue	0 20	0 25
Brunswick Green	0 04	0 10
French Imperial Green	0 12	0 16
No. 1 Furnit's Varn'n, pr. gl.	0 65	0 70
do do	0 75	1 00
Brown Japan	0 60	0 75
Black Japan	0 50	0 75
Orange Shellac, No. 1	2 00	2 25
do do Pure	2 25	2 75
White do	2 75	3 00
Putty Bulk 100 lb. brl	0 00	2 00
Fastgreen in drum 1 lb pk.	0 18 1/2	0 19 1/2
Kalsomine, 5 lb pkgs.	0 00	0 03 1/2
<b>Wool.</b>		
Canadian Washed	0 00	0 15
North West	0 00	0 00
Unwashed	0 08	0 00
B. A. Scoured	0 35	0 37
Natal	0 00	0 00
Cape greasy	0 17 1/2	0 18 1/2
Australian greasy	0 00	0 00 1/2

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(Cuts will be inserted as soon as received.)

ston School, where the closing exercises were observed, the children were in the vans starting for their homes in less than five minutes afterwards. At Kinsman the eight vans are engaged at an average cost of \$2.07 per school day; at Gustavus the nine vans at an average of \$1.25, and at Johnston the ten vans at an average of \$1.27. The price of the vans was from \$100 to \$135 each. All the vans observed were drawn by two horses each. The drivers who were conversed with said they had not known of any injury to any child. They said the regulations required them to wait for the children at any house for a period not exceeding two minutes, that, as a matter of fact, it was rarely necessary to wait one minute, and that a case where the children missed the van or were left from being late was very uncommon. The average attendance at the schools confirmed all that.

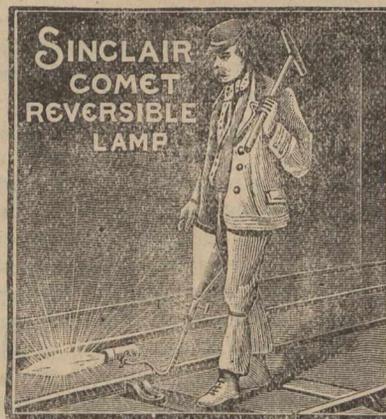
The scope of the work in all these schools is substantially the same. Inspector Cowley reports that "the three lowest grades overtake the work ordinarily covered by the public schools in Ontario. The highest grade goes as far as our continuation class grade A being competent to accomplish about three years of high school work."

Through the courtesy of Professors Craig, Diehl and Crawford, the Principals of the three schools, the self-constituted delegation from Canada was enabled to test the system of consolidation in all its essential bearings, obtaining valuable information not hitherto recorded on State reports. That included among other things the free expression of the opinions of the pupils themselves on the relative merits of the old and the new. This part of the inquiry was followed up particularly by Inspector Cowley, who gives a summary of some of the results as follows:

"About 5 per cent. of the pupils preferred walking to the old school rather than riding in a van to the new school. Almost without exception, these were pupils who now have four to six miles

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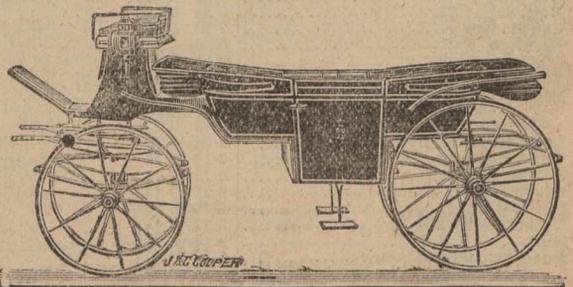
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Cuts will be inserted when received.

of a drive in place of a former walk of one mile or less. At the same time these pupils expressed a decided preference for the work of the consolidated school. The evidences of both pupils and teachers goes to show that riding in the vans is alike comfortable and free from injury to even the youngest children. The increased enrollment of pupils and the very high percentage of regularity in attendance struck the visitors as remarkable. For the past three months the daily average attendance at the Kinsman School, which is in that respect typical, was 91 per cent. of the number of pupils enrolled. More striking in this connection is the fact that the percentage of regular attendance among the youngest pupils—those of five, six and seven years—was as high as that of any other class."

Although the weather was rainy and the roads as bad as three inches of snow mixed with mud could make them, the children jumped out of the vans at Kinsman School with dry clothing and dry feet. Little boys and girls of six years came three and four miles in comfort. The teachers said they came regularly in all weathers. Under the small district system in the Township of Kinsman two years before the enrollment at the schools was 110; under the consolidated system it has risen to 146, without any appreciable difference in the total enumeration of children in the township. The high percentage of your children (six to eight years) and the large proportion of older pupils (from fifteen to twenty years) were eloquent of the gains in education during the first two and the later years of school life in a rural district.

The large class and large schools seemed to meet the social needs of the children better than the small, isolated schools. The older boys and girls,



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Brunswick Street.

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grown into young men and women, had opportunities for going on with a high school education without going away from home. There was said to be and there appeared to be a great development of a spirit of co-operation and of mutual good-will and friendship from the wider and closer acquaintance of the children of the locality, and from the new interests created and recognized as being common to all and for the common good.

As far as could be learned there was almost unanimity of opinion among the ratepayers respecting the marked success and superior advantages of consolidation. While the scheme was brought into effect under vigorous discussion and considerable opposition, the adverse criticism has been disarmed by the results of experience. With few exceptions "the kickers," as they are designated locally, were ratepayers without children, or persons who feared some depreciation in the value of their own property, or, worse still, some increase in the value of the property nearest to the centralized school. Experience has proven the former of these two fears to be groundless.

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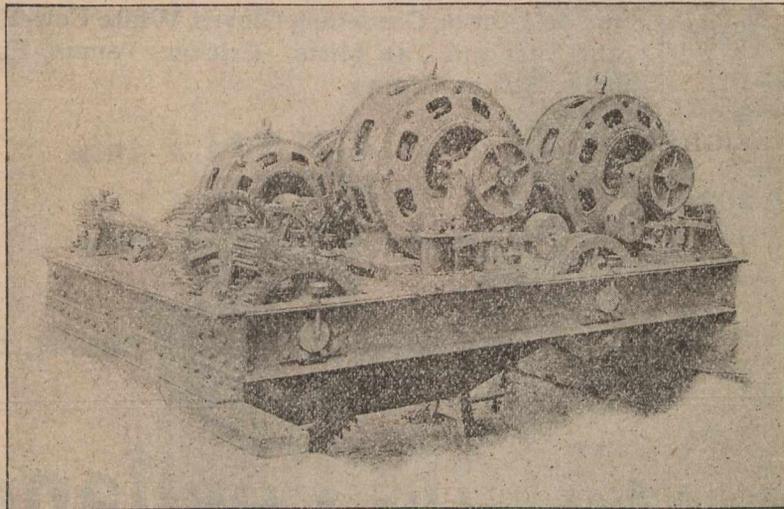
Correspondence Invited.

Telegrams: "CLUNCH, LONDON."

# The International Electrical Engineering Company,

Clun House, Surrey Street, Strand, LONDON, W.C., Eng.

Manufacturers of  
**Electric Lighting Trac-  
tion and Power  
Transmission Plant.**



Continuous Current Dynamos and Motors, Single and Multiphase Alternators and Motors, Transformers, Motor-Generators, Balancers, Boosters, Motor Controllers and Switchboards, Electric Cranes, Overhead Travellers, Hoists, Electric Mining Machinery, Haulers, Pumps, Complete Equipments for Tramways and Railways, Arc Lamps, Open or Enclosed, High Quality Arc Lamp, Carbons, &c., &c. Send for Price Lists.

Special prices to Canadians under the New Tariff.

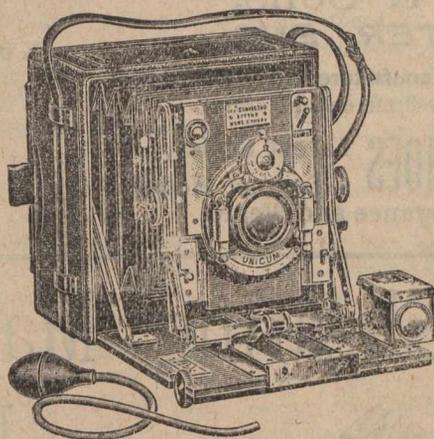
Works: TOOTING.

Cable Address: "BROMIDE, London."

## Photographic Apparatus & Materials

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Complete  
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Pages,  
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Plates  
Papers  
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and all  
Sundries.

**GEORGE HOUGHTON & SON,**

Manufacturers and Dealers

88 &amp; 89 High Holborn, London, W.C., England.

Special prices to Canadians under the New Preferential Tariff. F.O.B. London, Eng.

Professor Robertson sums up some of the advantages afforded by the consolidation of rural schools and the free transportation of pupils.

(1) It results in the attendance of a larger number of the children in the locality, particularly of those under the age of eight years and of those over fifteen years.

(2) It brings about a more regular attendance of pupils of all grades of advancement.

(3) It ensures the engagement and retention of some teachers of higher qualifications and longer experience in rural schools.

(4) It creates conditions for a proper classification of pupils and for such a grading of the schools as permits the pupils to be placed where they can work to the best advantage for their own improvement.

(5) It permits the time table to be so arranged that teachers can give each class and every pupil in the class more direct help and supervision.

*Eclectic Steel Co., Limited,*

Princess Street Works,  
SHEFFIELD, Eng.

MANUFACTURERS OF

**CRUCIBLE CAST STEEL**

FOR ALL PURPOSES.

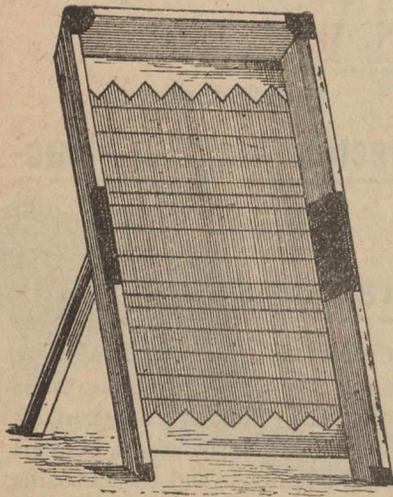
Special Miners Drill Steel  
Ground and Polished Steel for Shafting.

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

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Manufacturers of BIRD CAGES  
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Aviaries, Parrot  
Cages, Fire-  
guards, Nursery  
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Illustrated Catalogues  
Mailed Free on Application.

198, 200, 202a,  
ST. JOHN ST.,  
(Works, Cyrus St.,)  
LONDON, E. C., ENG.

33½ in favour of Canadians, under the New Tariff.

**JAMES NORTH & SONS,**

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

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

CASH  
BAGS,

DRESSERS AND MANUFACTURERS.

Godley Mills,  
and Tower Street Works.

HYDE Manchester, Eng

**INVESTMENTS.**

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

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

(6) It provides the beneficial influ-  
ences of fairly large classes of pupils  
of about equal advancement (a) by  
more companionship; (b) by friendly  
rivalries to excel; (c) by children  
learning from each other, and (d) co-  
operating under careful discipline, and  
(e) by class enthusiasms.

(7) It makes it convenient for boys  
and girls in rural districts to obtain  
a high school education without leav-  
ing home.

(8) It leads to the erection of better  
school buildings and more satisfactory  
equipment in all the requisites of a  
good school.

(9) It makes it practicable for rural  
schools to enrich their courses for all  
pupils by nature study, manual train-  
ing and household science, as well as  
by better music, and for advanced pu-  
pils by instruction in agriculture, horti-  
culture and allied subjects.

(10) It stimulates public interest in  
the schools and brings to the pupils of  
a township an institution in which all  
can have an equal interest and a wor-  
thy pride.

(11) It may lead to an improvement  
of the public roads in the country  
parts.

(12) It would facilitate the rural free  
delivery of the mail.

**THE ANTI-CUTTING SENTIMENT.**

The sentiment against price-cutting  
in the drug trade seems to be unanim-  
ous outside of the retail stores of the  
cutters themselves, and some of these  
are beginning to see the folly of their

**The Portland**

The Best and Most Popular Brand of

Ladies' Fine

Foot Wear.

In Goodyear Welts, Turns and Blake Sewn.

T. Roberts & Sons, Portland  
Works,  
LEICESTER, ENG.

These Shoes are Manufactured for Canadians at  
33½ p c. under the new Preferential Tariff.

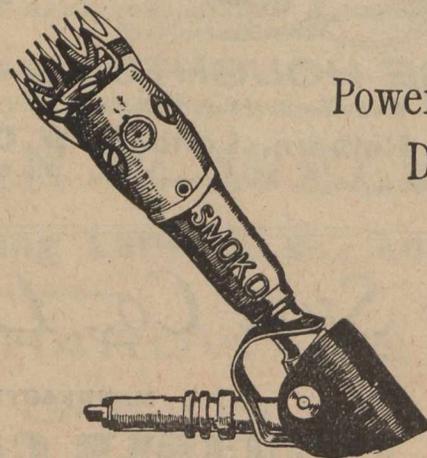
New Cuts will be inserted  
next week.

LADIES' FINE SHOES Latest Styles,  
Correct Models,  
For Ease, Elegance and Wear.

**Sheep Shearing Machines**

For  
Power and Hand  
Driving.

"SMOKO"  
Brand are  
the most  
Reliable.



Newall Engineering Co.,  
LIMITED.

36 Featherstone St.,

LONDON, England.

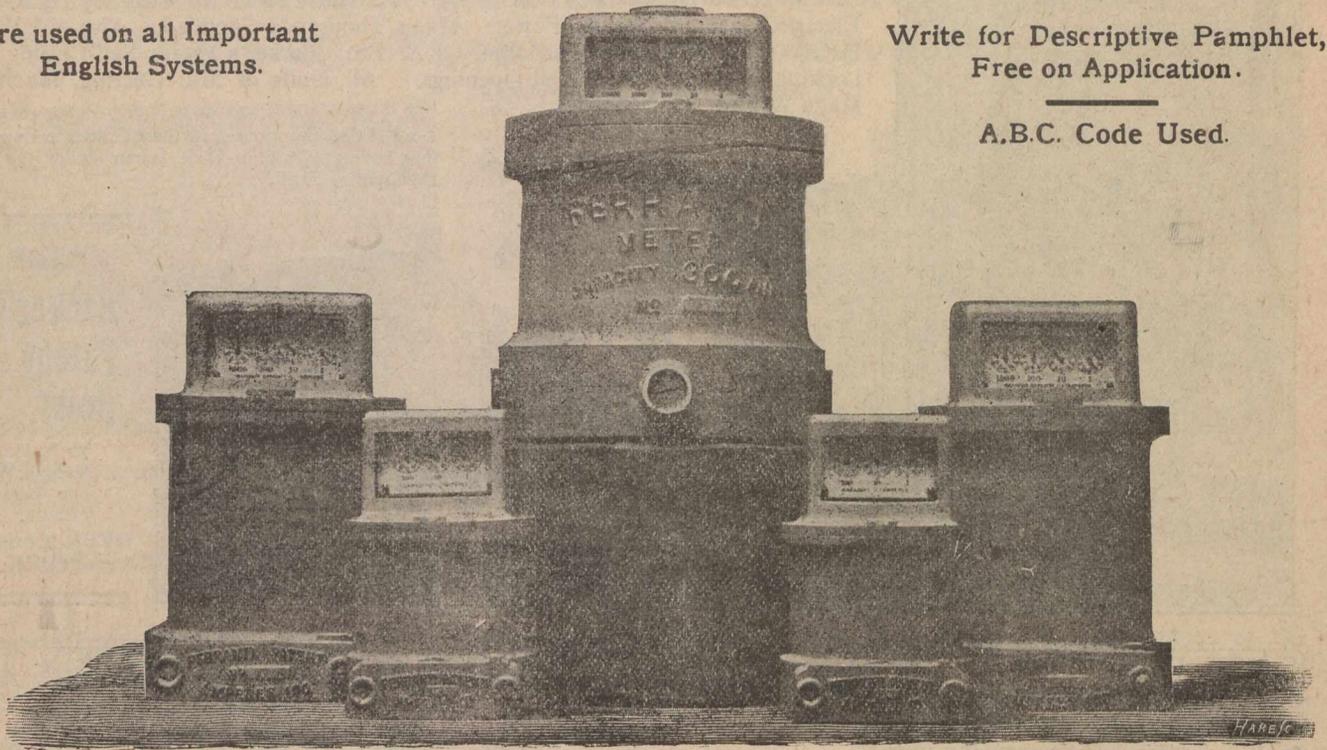
# FERRANTI LIMITED

## Continuous Current House Service Meters.

Are used on all Important  
English Systems.

Write for Descriptive Pamphlet,  
Free on Application.

A.B.C. Code Used.



WORKS AND OFFICES

HOLLINWOOD, = Lancashire, Eng.

extreme method of inviting custom. The following extracts from letters addressed to the secretary of the National Association of U. S. Retail Druggists by large wholesalers, proprietary and pharmaceutical concerns, show how strong the anti-cutting sentiment is among that class. A Chicago house: "We take pleasure in advising that as heretofore we shall continue to assist your association, not only in every other way possible, but most particularly by refusing to make sales to cutters." A Cincinnati house: "We beg to advise that the policy of our firm, since last May, has been and in the future will be to sell to no druggist that makes a feature of advertising cut-rates. We will consider a newspaper advertisement or a sign on the premises as sufficient reason to decline business."

A Philadelphia house: "We have pleasure in advising you that we have always requested our salesmen not to solicit orders from cut-rate druggists, nor do we want their business. You can depend upon our co-operation with your association to the best of our ability in maintaining prices, not only on preparations of our manufacture, but preparations of other manufacturers, this action being taken not alone on account of the work of your association, but also because we have the best interests of the retail druggists at heart."

From Portland, Me.: "Referring to yours of November 6, will say that we

have refused all sales or requests for our goods from cutters, and those whom they have employed to obtain our goods in an underhanded way, and are happy to say that we have met with success in every instance but one. All of our goods are sold on rebate contracts, and we believe we have been entirely successful in the matter."

From Baltimore, Md.: "This corporation is in full sympathy with the National Association of Retail Druggists and the purpose for which it was formed, and we will always do what we can to assist the retail druggists in obtaining a living profit on the goods they sell. We do not sell to recognized cutters, nor do we permit our men to sell to them."

A Chicago house: "As associate members of the N. W. D. A., it has been our custom to refuse to sell our laboratory products to any other than legitimate dealers in drugs, and to keep all these preparations out of the hands of cutters. This policy we intend to continue, and shall be pleased at all times to hear from the N. A. R. D. in regard to dealers that are acting in a manner that is detrimental to the interests of the retail drug trade in general."

A Detroit house: "We have instructed our representatives to omit calling upon cutters. Others of good representation in the pharmaceutical trade are seemingly willing to take the business, and so unless all reputable houses in the manufacturing line agree to act

in concert, it is plain that some of us are going to lose under the present arrangement. We are satisfied that we have lost in the past, but we promised to do a certain thing, and we abide the issue."

From St. Louis, Mo.: "We take pleasure in assuring you that we will comply strictly with the request of the N. A. R. D., as embodied in your letter of November 6."

From Boston: "We are in hearty sympathy with the principles on which the National Association of Retail Druggists stand, and shall endeavor to render every assistance in our power to it, in its desire to put the retail drug business on a sound basis. We will be glad to have you advise us, if any of our goods, at any time, going into the hands of aggressive cutters, and we will take whatever action may be necessary to correct the matter."

A Philadelphia house: "We shall be glad in the future, as heretofore, to consider favorably the requests of any regularly organized local association in any section of the country, and trust that your effort in this direction may prove generally successful in securing the full and earnest co-operation of all those engaged in the manufacture whether of proprietary, chemical or pharmaceutical preparations, that conditions among the retail trade may be improved and a fair margin of profit insured to the pharmacists in remuneration of the long hours and great re-

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

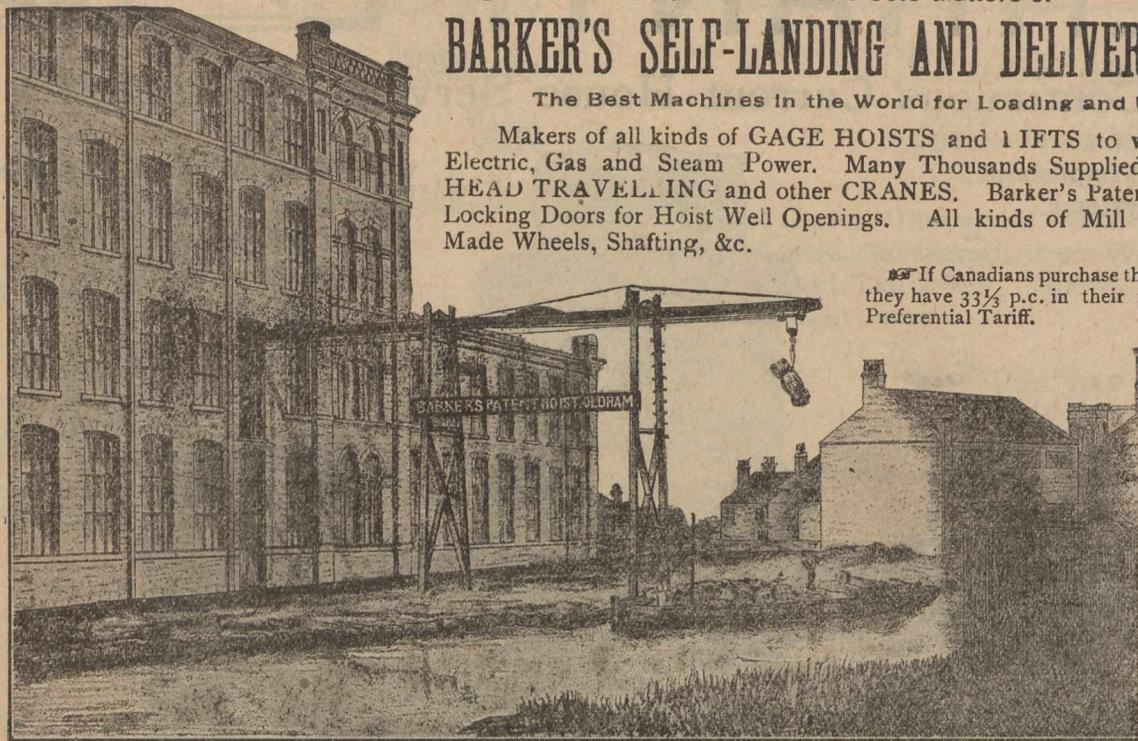
Original Inventors, Patentees and Sole Makers of

**BARKER'S SELF-LANDING AND DELIVERING HOISTS**

The Best Machines in the World for Loading and Unloading Goods.

Makers of all kinds of GAGE HOISTS and LIFTS to work by Hydraulic, Electric, Gas and Steam Power. Many Thousands Supplied. Also of OVER-HEAD TRAVELLING and other CRANES. Barker's Patent Self-Closing and Locking Doors for Hoist Well Openings. All kinds of Mill Gearing, Machine-Made Wheels, Shafting, &c.

If Canadians purchase these Cranes in England, they have 33 1/2 p.c. in their favour under the new Preferential Tariff.



**Barker's Patent Hoist.**

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

**OVER 2,000 AT WORK.**

sponsibility which are involved in the conduct of the retail drug business. As all the members of our company were, at one time, engaged in the retail drug business, none more than we are in a position to appreciate the difficulties, exactions and responsibilities which are inseparable to a careful conduct of the prescription business."

**COLOR IN LONDON STREETS.**

One of the few pleasures that the traverser of our streets secures is the painted sweep of the quadrant of Regent street, and the pleasure is heightened when the coloring is done afresh and he views it clean, writes Halsey Ricards in the London Monthly Review. Doubtless, the fine sweep, the broad treatment of the architecture, has much to do with his pleasure—but so has the broad treatment of the paint brush.

Color must be laid on in large masses

**STOCKS AND BONDS—INSURANCE COMPANIES—CANADIAN.—Montreal Quotations Dec. 23 1902.**

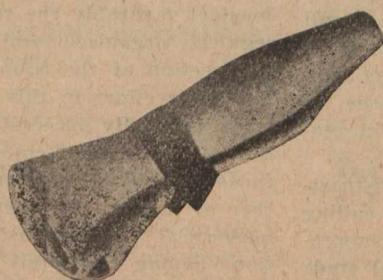
NAME OF COMPANY.	No. shares.	Last Dividend per year.	Share par value.	Amount paid per Share.	Canada quotations per ct.
British American Fire and Marine	15,000	3%—6mos.	350	350	97 1/2
Canada Life	2,500	4 6mos.	400	400	160
Confederation Life	10,000	7% 6mos.	100	100	....
Western Assurance	25,000	5—6mos.	40	30	97
Guarantee Co. of North America	13,373	6	50	50	....

**BRITISH AND FOREIGN.—Quotations on the London Market, Dec. 13, 1902 Market value p. p'd up sh**

Alliance Assur.	250,000	9s. p.s.	20	2 1-5	9 1/2	10
Atlas	24,000	24 p.s.	50	6	26	227
British and Foreign Marine	67,000	25	30	4	18 1/2	19 1/2
Caledonian	21,500	12s. p.s.	25	5	5	28 1/2
Commercial U. Fire, Life and Marine	50,000	27 1/2	50	5	47 1/2	48 1/2
Guardian Fire and Life	200,000	9	10	5	9	9 1/2
Imperial Fire	60,000	25	20	5		
Lancashire Fire	135,493	5	20	2		
Lion Fire	100,000	3	9 1/2	1 1/2		
London and Lancashire Fire	85,100	22	25	2 1/2	19	20
London Assurance Corporation	25,362	20	25	12 1/2	51	53
London & Lancashire Life	10,000	10	10	2	8	8 1/2
Liv. & Lon. & Globe Fire and Life	391,752	90	St.	2	28	29
Northern Fire and Life	30,000	*22 1/2	100	10	73	75
North Brit. & Merc. Fire and Life	110,000	30s. p.s.	25	6 1/2	36	37
Norwich Union Fire	11,000	*32 1/2	100	12	106	109
Phoenix Fire	53,776	35	50	5	230 1/2	21 1/2
Royal Insurance Fire and Life	125,224	52 1/2	30		49	50
Sun Fire	240,000	5s 5d p.s.	10	10	10 1/2	10 1/2
Union	45,000	12 p.s.	10	4	13	14

\*Excluding periodical cash bonus.

**Panama • Hat • Company,**  
LIMITED,  
59 Gresham Street,  
LONDON, E.C., ENGLAND.



MANUFACTURERS OF  
**Ladies' and Gentlemen's Panama Hats,**  
For Canadians under the New Tariff.

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

MANUFACTURERS of every DESCRIPTION of

**Hydraulic & Electric Machinery.**

Dock Machinery, Fresses, Accumulators, Valves, Tube  
Coal Tips, Capstans, Stavers, Dynamos,  
Pumping Engines, Lifts, Power & Lighting Plants,  
Intensifiers. Motors, Cranes.

Hydraulic Machine Tools, Steam Motor Wagons,  
Concrete Flag Making Machinery.

Telegraphic Address: "Muskers Liverpool."

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

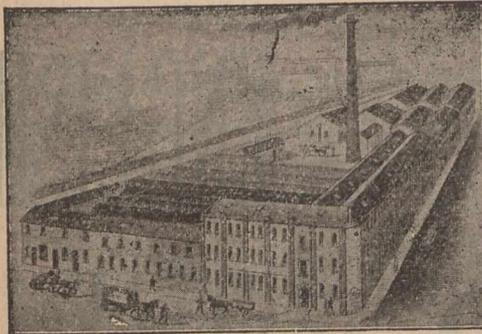
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Registered Office: Lowermoor Leather Works.  
OLDHAM. ENGLAND.

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

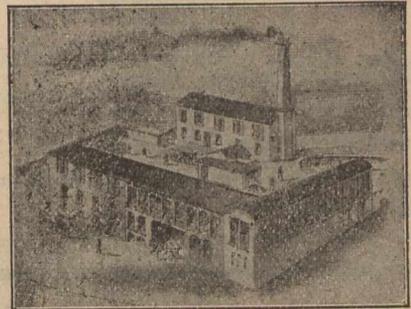
MANUFACTURERS  
OF . . . .

Oak Tanned and Helvetia Strapping.



Lowermoor Works: Oldham.

Patentees and Sole Manufacturers of the Improved Driving Belts for Mule, Cone Drum, and Electric Driving. Runs perfectly straight and free from Stretch. Mills' "Challenge Brand" Camel Hair Belting. Lancashire Belt Dressing. Roller and Clearer Coverers, for Home and Export. Helvetia, Rawhide, Horny, Brown, White and Supple Laces. Roller Varnish, Roller Leather Cots, Isinglass, Gelatine, Glues, Roller Paste, Roller, Clearer, and Twiners' Cloth. Plush for Clearers. Conditioning Cloth. Copper Wire Sewing to the Trade. Roller Coverers' Tools Supplied. Revolution Wooden Split Pulleys. Mill Furnishers, &c., &c.



Tannery: Blackley.

A Reliable and Practically Unbreakable Bicycle Frame.

## THE BIRTWISLE HYDRAULIC JOINTING SYNDICATE, LD.,

Worsley St.,  
HULME, Manchester, Eng.

Are Prepared to arrange with a Factor for the introduction and sale of their

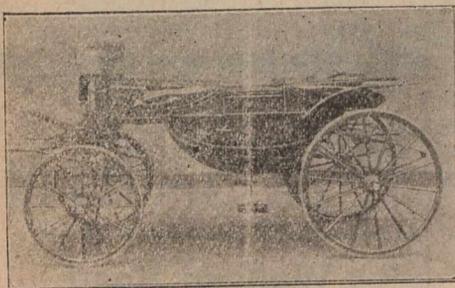
### UNBREAKABLE B.H.J. BICYCLE FRAME.

For description see "Canadian Journal of Commerce," March 28th, 1902.  
Full particulars and prices on application.

Established 1779.

Telegraphic Address: "ANNE COWBURN."

# ANNE COWBURN,



Carriage Builder  
AND  
Harness  
Manufacturer,

MOTOR CARS A SPECIALITY.

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

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

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

Canadians can buy these carriages, under the New Tariff, 33 1/4 p.c., in their favour by purchasing in Manchester, from this firm.

and gradations got—for the most part—by throwing over it a network of trellis or delicate filagree of diaper, and not by accentuating members of the architecture or by using it in small spaces. An insufficient treatment is sure to be spotty and irritating. The usual window flower-boxes, like so many straps of colored plaster across a negro's face, fail from insufficiency; nor can one house though painted in vermilion from basement to parapet be more than an annoyance.

There must be a principle in the scheme of coloring and co-operation. Such a principle is, indeed, already accepted and in force in a small way, so small that it many instances it passes unrecognized. The royal mail uses the royal scarlet; the liveries have red, the carts are painted red, and so are the letter-boxes. Each parish colors its own lamp posts, standard, etc., the parish color. The railways, the omnibuses, and tram-cars, have their proper tinctures to tell us, in the moving heraldry of our streets, to what systems and clan they belong.

Why should we stop there? I do not advocate that all the houses in each parish should be painted the parish color all over; but the front door and area railings might bear the parochial colors, so that besides something gained in the way of uniformity, a stranger might be able to discover, at a glance, in what locality he found himself. But much more might be done than this. Buildings such as public libraries, town halls, and museums, that in themselves afford enough space for adequate color decoration, might be treated wholly in color, the electoral as well as the parochial colors being worked into the scheme.

Why should we not be beholden to color for some of our information? Color has played a great part in the heraldry of past times; why should we deny ourselves the advantages of it in the heraldry of to-day? We can still distinguish in advance of us the apothecary's dwelling and the pawn-

Telegraphic Address: "HONOUR, Leicester."

National Telephone No. 626.



Arthur Baum,  
HOSIERY MANUFACTURER,

25, Southgate Street,  
Newarke Street,  
LEICESTER, - England.

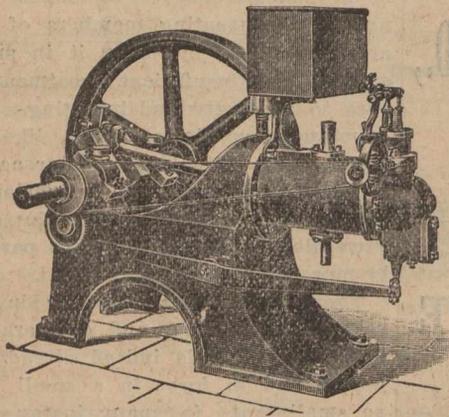


SPECIALITIES:

- Gentlemen's Cardigan Jackets.
- Gentlemen's Fancy Waistcoats.
- Gentlemen's Fancy Sweaters.
- Boy's and Men's Blue Jerseys and Franklin Frocks.
- Ladies' Ribbed Vests, etc.

THE  
"Petter" Patent Petroleum Engine

With the New Patent Lampless  
Ignition and Governor.



The Highest Class of  
Workmanship & Finish

Requires no attention after starting. Ordinary Paraffin Oil only is used. Cost of working about 1/4d. per Horse Power per hour. No continuous Burning Lamp. No Skilled attention required. No Danger.

The Cheapest Oil Engine  
To Buy  
And the Cheapest to  
Work.

Catalogues on application to the Manufacturers:

**JAMES B. PETTER & SONS, Ltd.,**

Nautilus Works, YEOVIL, Eng.

London Showrooms:

73 Queen Victoria St., LONDON, E.C., Eng.

broker's, and sometimes desery the barber's pole and basin. The angler's gold fish and the tobacconist's Highlander have become rareties, and it may be proper that we should bid them good-bye; but are we to be so much the poorer in color as well by our loss?

In our cities, the color in our skies has gone; it has been smudged out of tree and shrub; it has been overlaid with grime on our buildings; it has faded out of our clothes—it remains only in the shop windows and on the boardings. Is this enough? If so, then what means this desperate exodus from town to be seen on every railway platform every evening? Why are all these people so anxious to escape from the masterpieces of their own construction, of which they are so proud, that most of our new buildings claim to be only slightly adapted copies of the triumphs of our matured scholarship? Is not the hunger and thirst after color one of the chief, if not the avowed reasons

for this daily stampede? To get to somewhere where the skies are blue above us, the grass green beneath our feet, where the plants blossom and fruit, and we can enjoy the changing beauty of garden and orchard, and at the week's end rest in the comfort and shelter of the color that nature beneficently bestows on every object under her care.

We have been brought up in a jewelled world—we have no country that is a desert, no hills, no plains that are not a feast to the eyes at all seasons and under all conditions, and we carry this innate proprietary right to color with us into our cities, and not finding it there our chief hope is that when the time comes we may escape. This is an age of mercy; we will not willingly see any suffer; we spend large sums annually in the relief of sorrow, pain and crime; can we not in our streets do something for the poor prisoners enclosed therein?



The Tip Top

ENGLISH

STYLE..

In Calf  
or Kid.



J. A. SABIN

Welford Road,

Leicester

ENGLAND.



# Mechanical Appliances Co., Ltd.

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

Established 1872. Contractors to H.M. Government.

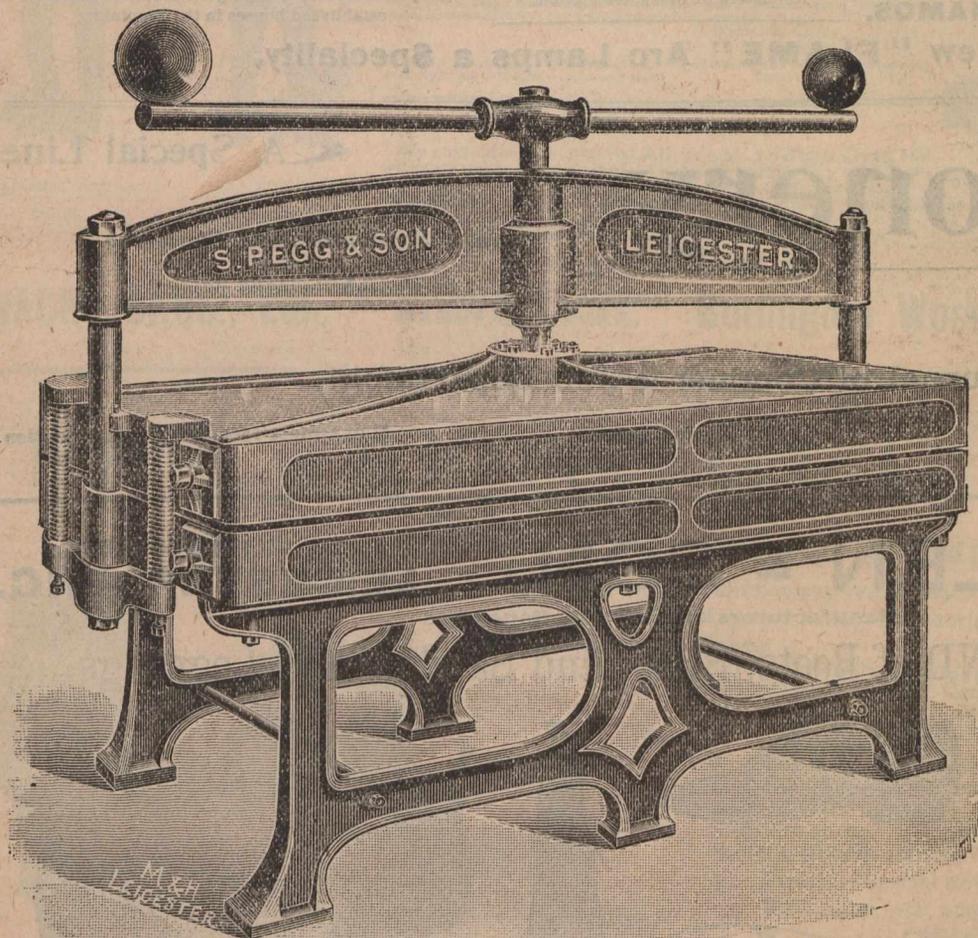
—MANUFACTURERS OF—

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

## Mining Engineers & Contractors.

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

Cuts will be inserted when received.



SPECIALITY:  
**HOSIERY**  
**Finishing**  
**Machinery.**

In use in all the  
Principal Factories  
throughout the country.  
Every Machine Guaranteed.  
**S. Pegg & Son,**  
Alexander Street,  
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Send for Illustrated  
Catalogue.  
**SHIRT PRESS.**  
Improved Steam Presses for Shaping  
and Finishing Hosiery Goods.

### Bands, Coils, Etc.

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

To the Shoe Trade.

We make this Fair Proposition  
in 1902 as

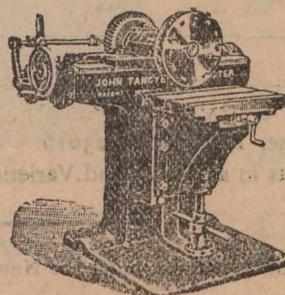
We have now made it for years.

Give us a trial, we will give you satisfaction.

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

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

## JOHN · TANGYE, Patent Rotary Planer



FOR FLAT WORK,  
EQUAL TO BEST PLANING

In 1/4 to 1/2 the Time.

LARGER SIZES IN HAND.

106 Princess St., MANCHESTER, Eng.

Codes : A.B.C., Engineering.

Cable Address: "BRAULIK," London



**PATENT COUPLINGS  
FOR ARC LAMPS.**

# G. BRAULIK,

217 & 218 Upper Thames St.,  
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115 Bath Street, GLASGOW, Scotland.  
And 39 Pitt Street, SYDNEY, N.S.W.

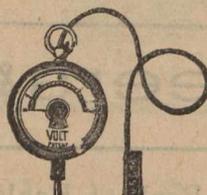
The Best and Cheapest House for all

## ELECTRICAL SUPPLIES,



**No. 19  
HIGH VOLTAGE.**

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



**Pocket 'Bees' Volt and Ammeters.**  
Ask for List No. 17 for Volt and  
Ammeters of every description.

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

**STANDARDS,  
BRACKETS,  
ELECTROLIERS.**

Special terms to Canadian Houses under the  
New Tariff Regulations.

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

The New "FLAME" Arc Lamps a Speciality.

# Stationery

A Special Line.

Good, Straightforward Stationery  
at straightforward prices.

Journal of Commerce Job Department,

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171 St. James Street.

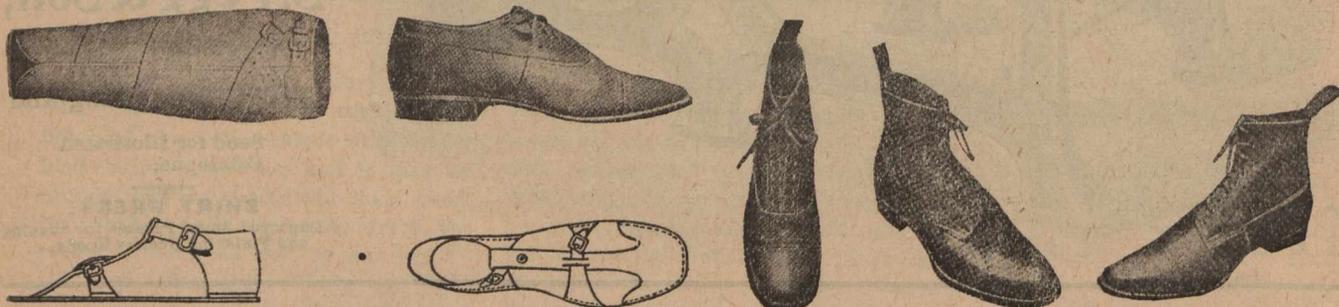
Mail Orders receive our best attention.

# C. G. ALLEN & SON,

70 OXFORD STREET,  
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Manufacturers of the World Renowned

OXFORD BRAND of Boots, Shoes and Sandals and Leggings.



The Canadian Workman's Boot.

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Yours truly, C. J. W.

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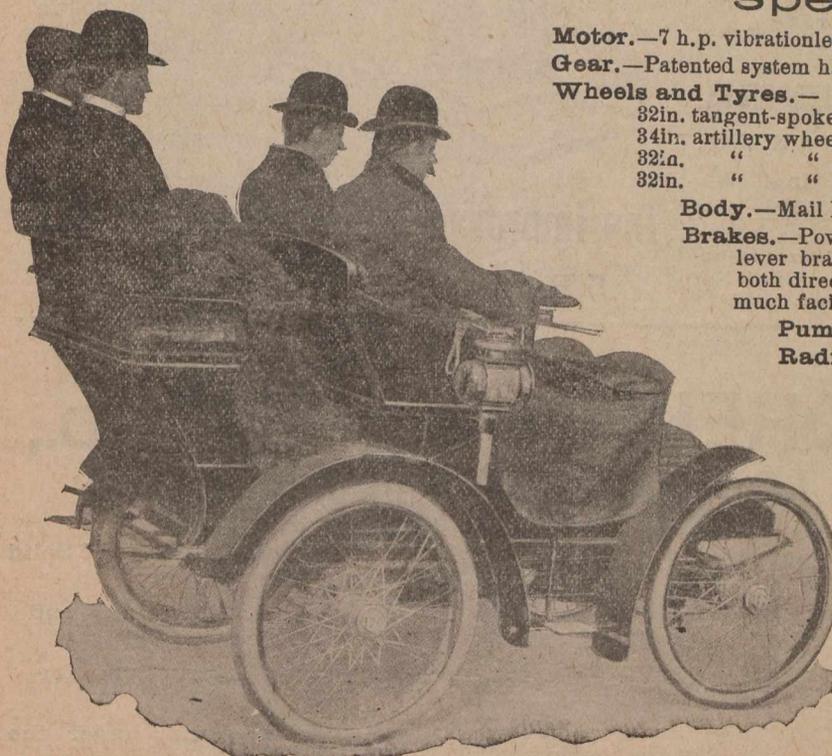
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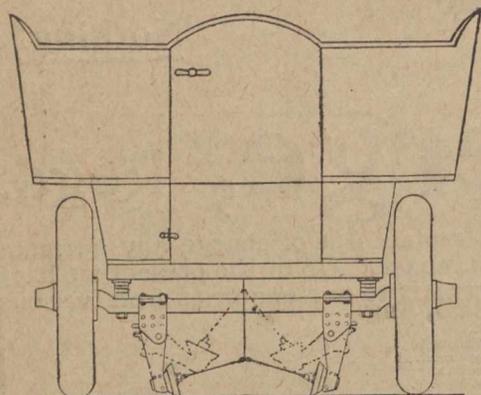
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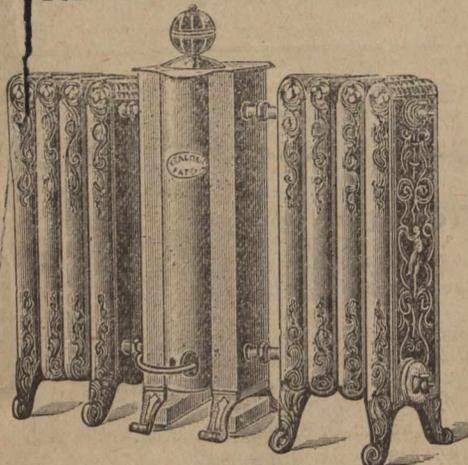
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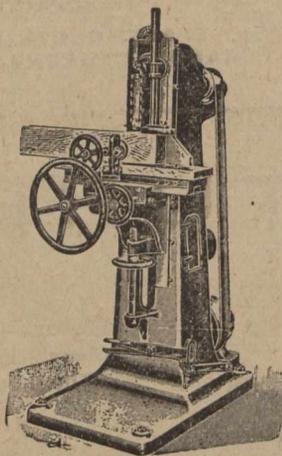
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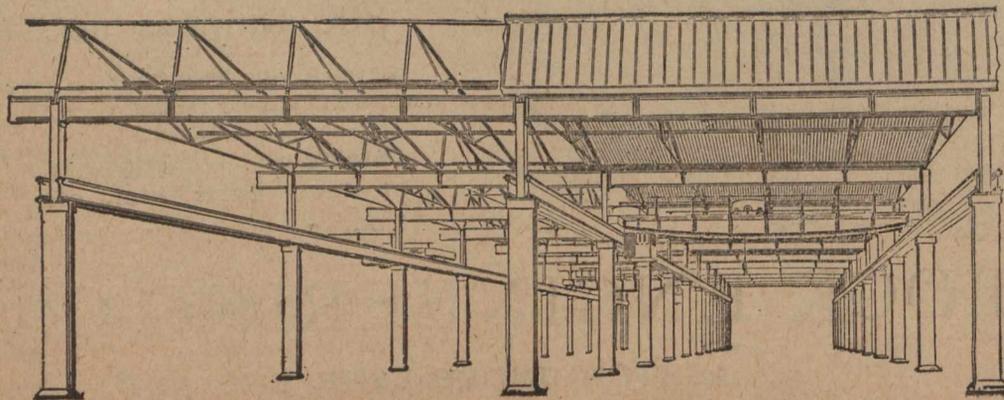
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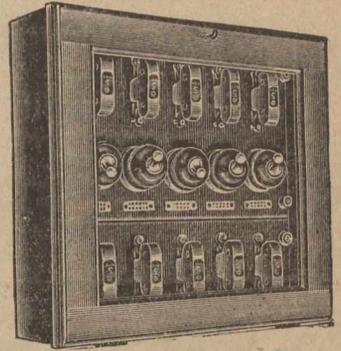
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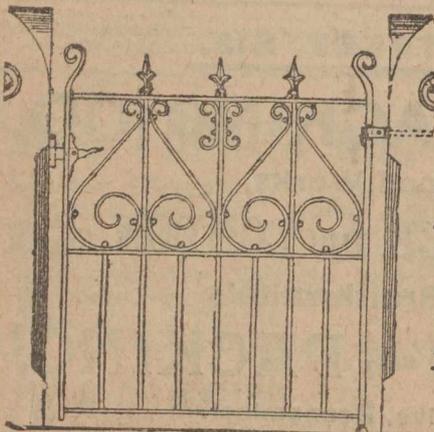
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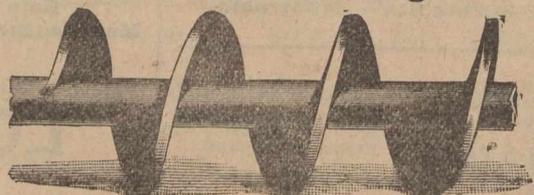
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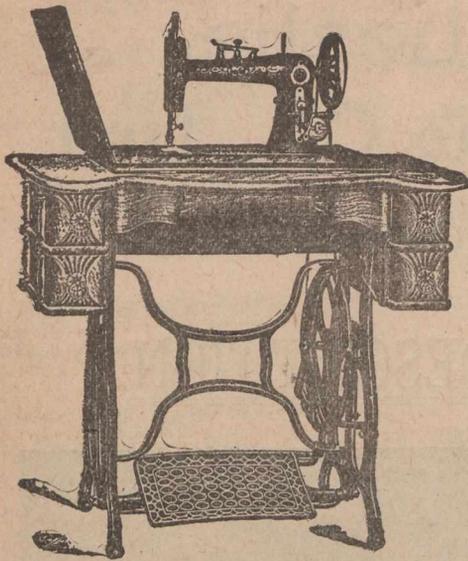
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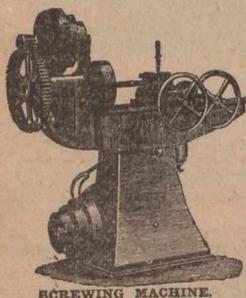
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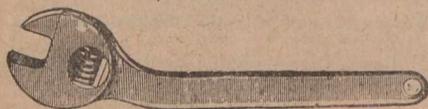
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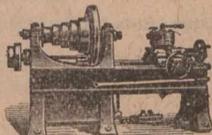
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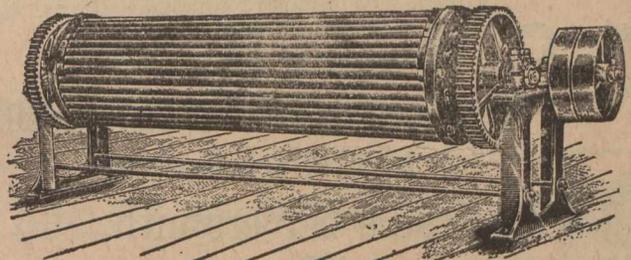
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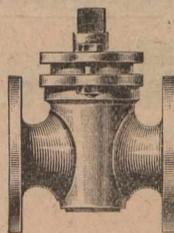
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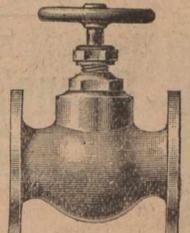
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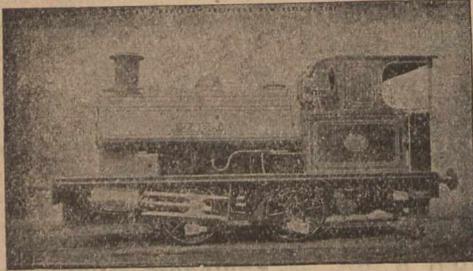
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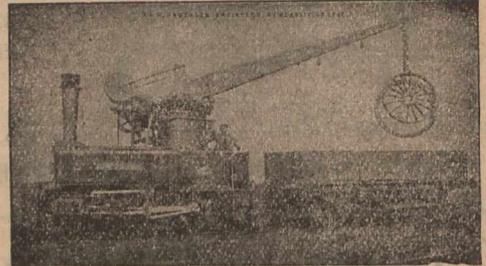


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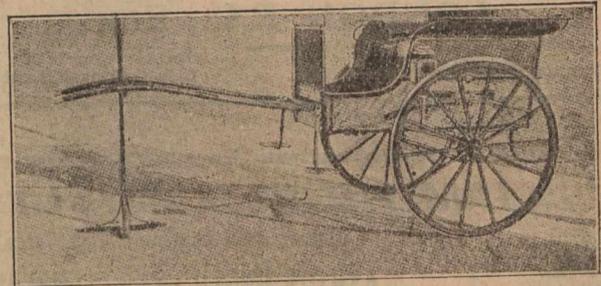
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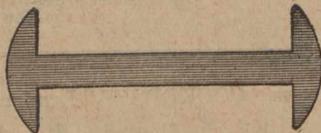
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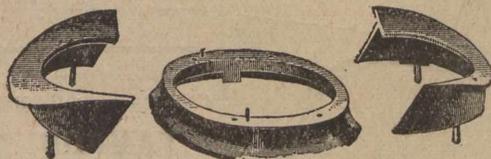
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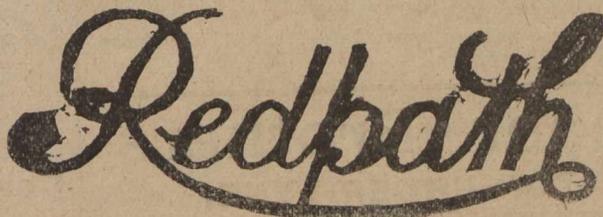
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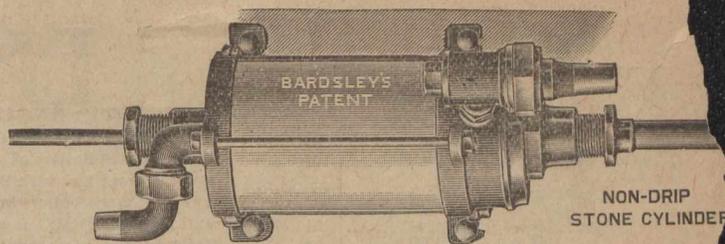
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