

Vol. $56 . \begin{gathered}\text { No. } \\ \text { NEW } \\ \text { Smeise. }\end{gathered}$
MONTREAL, FRIDAY, FEBRUARY *, 1903. $\left\{\begin{array}{c}\text { M. S. FOLEY, } \\ \text { EDITOA AKD PROPRIETOR }\end{array}\right.$

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－The Ontario Bet Sugar Associa－ tion will seek from the Ontario Gov－ ernment more aid for their industries．
－The Spanish Finance Minister an－ nounced that the final result of the budget of 1902 shows a surplus of $\$ 9,-$ 000,000 ．
－T．Armstrong and Brothers，fur－ riers，Lindsay，Onit．，hav assigned． The liabilities are placed at $\$ 9,000$ ，with assets nominally the same
－At a recent meeting of creditors of R．E．Chilman，baker and confection－ er，Hamilton，the liabilities w．re esti－ mated at $\$ 2,644$ ，and the assets at $\$ 1$ ，－ 932．It was decided to wind up the estate．
－We learn from St．John that a strong company has been formed there to manufacture aluminum and its pro－ ducts．Jas．Robinson，M．P．，is at the head，but New York capitalists are in－ terested．The capital is to be one million，and the plant will comprise a factory at St．John，and works at Grand Lake，which is the source of the raw material．
－London advices state that excep－ tional interest is attached to the de－ parture of the Channel Squadron which sailled from Portsmouth this week，on a prolonged cruise．For the first time British battleships thave been fitted to consume ofl as fuel．These experiments have so far been confin－ ed to small war ressels，but now both the Hannithel and Mars will use petro－ leum instead of coal，while the cruisers Duk of Edinburgh and Black Prince are similarly equipped．The oil is car－ ried in tanks stowed in the double bottoms of the ships．

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## Brou

be intr object
--London, Ont., Clearing House.-Total clarings for January, \$3,619,392

The Ogilvie Milling Company have promised Captain Bernier 100 barrels of flour as a contribution to the ex pedition to discover the North Pole.

## -It is learned that the British jurists in the than

 boundary tribunal will not be appointed until after the treaty has been ratified by the Dominfon Parliament The names of Mr. Justice Mills. Sir Touis Davies and Si John Boyd are spoken of in connection with the choice of a Canadian representative
## -The London Times quoting from Le Moniteur Vinicole

 gives statistics on the French vintage of 1902, showing that the area planted in vines was less by 5,000 acres than in 4901. The total quantity of wine made was 405.466,270 gallons less than in 1901. The value of the crop was $\$ 150$ 000.000 , against $\$ 170,000,000$ in the preceding year, the decrease being partly attributable to a wine trade crisis that caused some proprletors to leave their vineyards uncultivated for the year.-Mr. A. Angstrom. for nine years with the Bertram Engine Works and Shipbuilding Company, Toronto, has we are told, left the employ of that eompany to take the general management of the new Canadian Ship-bui'diso Company. Mr. Frederic Nicholls is president. Mr. W. R Brock vice-prestdent and Senator Cox. Mr. William Mac kenzic and Mr . W. D. Matthews are dimators. The company is just now securing lands for the zite of the khip-building works, which will cover a large area. and will consist of the most inodern plant ohtainahle. Further than that the works will be situated on the noner lakes the directors of the company will ont give information regarding the location of the plant. They, lbowever, state that the works will be in active aperation by this time
mext year, and it is understood that at least one contract 'for ships has already been signed.
-Toronto advices state that the Ontario Beet Sugar As sociation interviewed Premier Ross some days ago, and asked the Government for a larger grant. At present they receive $\$ 200$ a year, but believe that with the recent growth of the industry they are about on a par with the dairymen and other agricultural associations, who receive a much larger grant. The association claims to be largely responsible for the promotion of the industry in Ontario, wher 7 y $\$ 2.000,000$ was last $y$ ar invested in four factories The Premier promised to give their request his consid eration.-Mr. J. F. Ellis, president of the Board of Trade. and R. J. Young, secretary Manufacturers' Association, also saw the Premi:r, and asked that the present arrangement for the exemption of manufacturers' plant and machinery which expires next December, bo extended until the exppcted Assessment Bill becomes law. Their request will be considered.
-C. P. Steinmetz, an expert electrician of Schenectady 'N. Y., addressed in public meeting recently on "Future mossibilities of electricity." He said that the success of wireless telegraphy would in the future prevent anyone being commletely isolated, and that by its means arctic axplorers would be able to communicat with civilization, and thus prevent any more xpeditions being lost band perishing. He said that it would als, be generaly used in war. so that an opposing force conld not ent wires had thas cut off communication. He added that the tele phone is yot iu its infances, and that within half a renora"tion it would be possible for Americans to talk with Afriends in Eurone. as a transatlantic telephone is a ques 4ion of only a few vears. With reference to electricity as n motive nower, he said it will never smbersede steam Mor long distances, ac each locomotive generates its own 'power, and that in direct proportion to its size.


## Diastic Webs.

Brougham street mills, Leicester, England.

-A bill to consolidate and amend the patent laws wili be introduced at the coming session of Parliament. Thec object of the amendments will be to cure the defects whim a recent judgment of the courts has shown to exist and to provide that the lapse of a patent taken out in a foreign country by a Canadian inventor will not atteet his rights at home

The Department of Trade and Commerce sent some lays ago, a cheque for $\$ 73,000$ to the Dominion Steel Company, covering the last instalmint of the bounties due the ompany up to November 1st last, and the toxed costs of their recent successful suit against the Government. mounting to $\$ 2,000$.
-It is undenstood at Berlin that the purchase of the gas motor firm of Ko:rting Bros., of Hanover, by the newlyorganized German electric works combination will be effected shortly. The new combination will have a capital of $\$ 75,000,000$. This step has been taken owing to the incrased use of small as well as large gas motors, and the small industries carried on by private houses.

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 Preferential Tariff.-The customs revenue for seven months ended January 31, amounted to $\$ 20,752,865$, an increase of $\$ 2,398,987$; as lompared with the same period for the previous year. For the month of January only the receipts from customs totalled $\$ 2,726,249$, being a gain of $\$ 237,063$ over January, H902.

The Postoffice Department arranged for two special Arips during the prtsent winter season tor the conveyance bof mails from Athabaska Landing to Fort Chipewyan. The second mail will leave Athabasca Landing on the 7th lof March, 1903. Mails leave Edmonton for Athabaska Landing every Tuesday at 8 a.m., and arrive at the latter place on Thursdays at $4 \mathrm{p} . \mathrm{m}$. The latest mail to connect with the Courier for Fort Chipewyan will leave Edmonton on Tuesday morning, Mardh 3, 1903.
-The opinion is expressed in Ottawa that either the 'T. H. \& B. or the Michigan Central Company are behind the application for a charter for a new line from Toronto 'to Hamilton, Mr. Hal McGiverin of Ottawa, the solicitor twho gives notice of the application says he has no idea

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which they were payable, according to the terms of the policy, including the thirty days' grace allowed, an instruction that any agreement, declaration, or course of action on the part of the company leading insured to $\mathrm{b}:-$ lieve that by conforming thereto a forfeiture of his policy would not be incurred would estop the company from in sisting on a forfeiture of the policy, etc., was properly refus d. Schmertz vs. United States Life Ins. Co.* in City of New York, 118 Fed. Rep. (U. S. IC. C. Ap., Pa.) 250.Where plaintiff was entitled to recover on a policy payable in ten annual instalments, but her contention that she was entitled to recover the entire amount, by reason of the company's failure to recognize any liability on the policy, was not sustnined, that fact did not prevent the c"urt from entering judgment against the company for the instolments as they matured, under Rev. St. art. 1335,
requiring the judgment to be so framed ans to give the party all relief to which he may be entitled, either in law or equity, since the judgm nt enforcing specific performance of the contract would avoid a multiplication of suits. New York Life Ins. Co. vs. English, 70 S . W. Rep. (Tex. Civ App.) 440.
-Charles F. Holm, attorn y; John (ierken, capitalist; Valentine Schmitt, brewer, of New York, and Clarence'J. King of Philadelphia, railway president, have purchased the undertaking of the Brockville, Westport \& Sault Ste. Marie Railway Company, under a judgment in an action in the High Court, in which the Knickerbocker Trust Company of New lork and others were plaintiffs and the company named were fefendant. The gentlemen referred to, along with others, are making application to be incorporat-

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#### Abstract

ed under the name of the Brockvill \& Sault Ste. Mari Railway Company. with powers to exercise all the rights sonferred on the former owners of the line. They also wish for an xtensinn of time for the conpletion of the line. Incurporation for the Brockville \& Northwestern Railway Company will also be applied for, with power to take over the rights granted to Messrs. Holm, Gerkin, Schmidt and King, and to build a railway fram Brockville and Westport, thence in a northerly and westerly direction to the Georgian Ray, and from there to Sault Ste. Marie. Branch lines to Rarry's Bay, Mattawa. North Bay, Parry Sound or oth r points are proposed, also the construction of hotels, wharfs, docks, el vators and warehonses.


-Vife lnsurauge Pointers from the Press,-Youl familys future is unsafe and may be miserable and filled with discomfort and regr t unless you insure your life.-Where can you invest a fenv dollars every year which wwill give yourself and your family such a return guaranteed beyond question as in life insurance? What answer?-Thoreau said: "If you have built castles in the air your work ${ }^{n} \cdot \mathrm{ed}$ not be lost. That is where they should be. Now put foundations under them." And in the cornerstone of each place a life insurance policy.-"A painful duty is best per formed by a substitute," but life insurance is a pleasur-


#### Abstract

able duty and cannot be performed by a substitute. Get there yourself, and attend to it while you have health Promise your wife this very evening that you will presen here with a life insurane policy as soon as youl can get It. And you can get it at once-if the doctor does not find 'out you are not fitten. Make no promise you cannot keep


-Fire Insurance Decisions.-A clause of a fire insurance policy providing that it shall be void "if mechanics be employed in building, altering or repairing the within described premises for more than fifteen days at any one time," unless otherwise provided by agreement, is reason able and valid and must be given effect as limiting by agreement the alterations or repairs which may be made withont special agreement with the insurer, and without avoiding the policy, to such as can be completed within fifteen days, even though the work done is reasonably necessary for the ordinary repair and preservation of the property. German Ins. Co. et al. vs. Hearne, 117 Fed. Resp. (U. S. C. C. A., Pa), 289 -Where a policy of fire insurance is made conditionally payable to a mortgagee of the property insured, whose mortgage debt is for much less than the amount of the policy, such mortgagee, or, if dead, his personal representatives, are not only proper, but necesSary. parties, cojointly with the other beneficiaries of such policy, to a bill of equity for reformation of a mistake

## Marion \& Co's

No. 20 Folding Imperial.

Cut will be moserted as soon f.'s recedved

No. 21 Folding Imperial. "Folding Imperial" Cameras

## As a bove No. 20, but for 7 by 5 or $1 / 6$-plates. Extra Plate-Holders, 7 by 5 or $1 / 6$-plates

It is covered leather, R.R. Lens, F8 with Iris diaphragms, time and instantaneous Shatter, reversible View Finder, Cloth Bellows, rising front, focussing scale and focussing screen, rack and pinion extension swing back and front cross movement of great extent for the front carrying lens, and automatic triple extension of bellows, 17 inches. This allows of lenses of every variety of fooi being used, including telephote work of low magniffcations. We know of no such complete equipment at the price, enabling as it does the user to undertake any and every class of work inoluding one doable plate-holder, pneamatio release, and tripod bushes, complete in stiff oloth oarrying case.

Prioe oomplete as described above, 5 by 4 plate, £6 100
Extra Plate-Holders, 5 by 4, each................... 29

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## JOHiN

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kcope, whi of the sea, ranean, sa 'would allo square yar Pino was istrument,

## - clles' صealn midCking Entirely Supersedes all kinds of



This new Preparation combines the essential properties of Boot Cream and Blacking, and may be used for every description of Black Leather Boots and Shoes-including Box Calf, Glace Kid, Patent Leather, \&c., with great advantage.

It is entirely free from acid, and all other injurions properties-therefore does not perish the leather or destroy the stitches of the Boots like ordinary Blacking

It dries quickly-produces a brilliant jet black-does not clog or crack in use-renders the leather soft and elastic-is not affected by rain or damp-does not rub off or soil the dress-and is more cleanly, convenient, and economical than any other kind of Blacking.

It saves an immense amount of time and labour, as Boots and Shoes dressed with this Cream Blacking retain their polish for several days, and only need occasionally rabbing with a soft dry cloth to restore their original brightness and freshness.

By using this Dressing ordinary Calf Leather Boots become nearly as bright and smooth as Patent Leather in a short time.
It is invaluable to Ladies and Travellers, as it is cleanly and easily applied-instantly produces a brilliantahine-and is uvailable for all kinds of Black Leather.

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TO OBTAIN THE BEST RESULTS FOLLOW THE SIMPLE DIREOTIONS ON EACH TIN
In decorated Air Tight Tins specially suitable for Export. GOOD PUSHING AGENTS WANTED. Full Export Price List and Samples if desired on appllcation. Those goods aresuperior to those made in America, and under the New Canadian Tariff a re $381 / 3$ p.c. cheaper

## INVENTORS AND SOLE MAKERS :

JOHN SELLERS \& CO., Manufacturing Chemists, 11 Glerkenwell Green, LON00N, England.
in such policy, and for recovery thereon as reformed; and the decree in such suit may properly adjust between the compainants their respective interests in the recovery thereon. Taylor et al. vs. Glens Falls Ins. Co., 32 So. Rep. (Fla.) 887.-Where, in an action on a policy, there was no dispute as to plaintiff's ownership of the property, of which she thad had possession from the time the policy was issued until the time of the tire, and witnesses referred to it as "her iproperty," and a deed to plaintiff covering the same was introduced in evidence, the judgment for plaintifl would not be reversed for failume of the court to charge that plaintiff could not recover unless she proved she was the orwner of the property at the time of the fire. Germania Fire Ins. Co. vs. Pitcher, 64 N. E. Rep. (Ind.) 921.
-The New York Sun has the following special from Milan:-Signor Pino, the Genoese engineer, whose hydroscope, which it is said enables a person to see the bed of the sea, was recently experimented with in the Mediterranean, said in an interview recently that his invention 'would allow a clear view over an area of several thousand square yards at a depth of from 400 to 500 yards. Signor Pino was reticent in regard to the construction of his instrument, but stated that he was able to see fish, plants,

## BUTTERWORTH BROS LtO

Newton Heath Glase Works, MANOHESTER, Eng,


IWVIMCIBLE GAUGE GLASSES, both plain and enamelled. In sole use by tue British Admiralty, recently tested to $5,000 \mathrm{lbs}$, to []$^{\prime \prime}$
Any kind of glass whatever used in machinery or applied to fittinga.
The largest existing makers of GLABs TUBES for Gaage Glasses and the Electrical, Rabber and Brewer Trades,
GLASS NEEDLE LUBRICATORS and all other klads of Lubricators. Lamps for all purposes.
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trustacea and other objects, even of the smallest size. He Isays his apparatus can be adapted to use on shipboard, tand will enable a captain to see submerged reefs and banks from the main deck of his ship. The instrument was Itested in the presence of delegates from the Minister of 'Marine. The Genoese Submarine Society has also purtchased for $£ 8,000$ another invention of Signor Pino. It tis a large, egg-shaped submarine boat, provided with two krews and also with wheels, which will enable it to crawl on the bottom of the sea. It is furnish d with large grappling appliances, with which loose objects at the bottom can be secured. The motive power is electricity, twhich maintains communication between the vessel and the surface by means of a telephone. Signor Pino says the will make efforts in the coming spring to find the

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## Highest Efficiency, Strength and Lightness

made entirely of wrought OR MALLEABLE IRON.

For Vertilating, Drying and all Cooling Purposes


MBlack Prince, Which was sunk during th... Crimea war
Mrith much gold aboard, and also the art tr ansures lost in
Mive Gircek Archipelago by Pompey in the eivil war with
Risesar.
 Sentia, $\$ 432.406 .30$ : New Brunswick, $\$ 491.3 \tilde{4}, 35$ : Vanitoba $\$ 532,904.66$; Pritish Columbia, $\$ 307,0$.6.6.6; Prince Efward Asland, $\$ 211,931.5$. Ontario receives a sulwidy of $\$ 1.159,-$ 297.28, based on a population of $1,396.091$, and a subsidy of

## CROSS \& CO.,

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Nish Papers,
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$\$ 80,000$ as allowance or government. Quebec receives a subsidy of $\$ 1,016,713.48$, based on a population of $1,111,566$, and $\$ 70,000$ as allowance for government. On a population of 400.000 Sova Scotia is paid $\$ 380,000$ as subsidy. $\$ 60,000$ as allowance for government, and $\$ 52,806.42$ as interest. Nens l3runswick draws $\$ 132,448$ on a population of 331,120 , $\$ 50,000$ as allowance for government. $\$ 150,000$ allowance for "xport duty, and $\$ 26.481 .38$ as interest. Manitoba is paid $\$ 203,569,60$ n a population of 254,94 , receives $\$ 50,000$ as allowance for government, $\$ 100,000$ allowance for lands and $\$ 178,947.06$ as interest. British Columbia draws $\$ 142,925$ on a population of 178,657 ; $\$ 35,000$ allowance for gov rn-
ment, $\$ 100,000$ in lien of lands, and $\$ 20.151$ of ment, $\$ 100,000$ in lien of lands, and $\$ 29,151.06$ int rest. To Prince Edward Island is paid $\$ 137,262.40$ on a pspulation of $109,078, \$ 30,000$ allowance for government, $\$ 45.090$ in lieu of lands and $\$ 38,789.58$ for interest, less $\$ 19.560 .05$ due
to the Dominion. The to the Dominion. The foregoing figures are taken from the subsidy accounts as set out in the Federal blue book for the last fiscal year.

THE TONI PNEUMATIC TYRE. (Patent No, 26,555, 1898.)

$\boldsymbol{I}^{\mathrm{T}}$ is the slimplest 1 and moet easy tyre to attach or detach. Self gripping. It is manufactured of the Very bost materiai the English Market can offer. The Para rubber superfine is specially prepared to stand all extremes of cllmate It is fitted to CyclesMoto Cycles-Car. riages of every description.

Elghteen Montlis' Guarantee with every Tyre.
F. TONI \& CO..
. 20 HANWAT STREET WOIKS, OXFORD STREET,

LONDON, W.O., ENG.
Apectal Rates to Canaliano uader the new tariff

## GEORGE SKUDDER \& CO.

Gold Medal, Sheffield, 1892.


GLAND

## PACKINGS



For all kinds of Marine and Land Engines, Steam Hammers, Blowing, Winding, and Hydraulic Engines.
are extensively used in Railway Locomotive Pistons \& 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.


#### Abstract

-At the annual meeting of the Ontario Beet Sugar As. sociation: held at Toronto recently, a resolution was passa. recommending that a committee be appointed to enquire into the effect of the present tariff on sugar, and Tormulate such amendments as will give a fair mans of frotection to the beet sugar industry, and that a deputadion be delegrated to present the views of the association to the (iovernm nt at an ealy date. As over $\$ 2,000,000$ has won invested in this industry in Canada, as great diffiulties have been experienced in getting sufficient raw ma$t$ rial. as the system of bountis and rebates allowed by fortign countries enables them to lay down sugar in Canada at less than the cost of manufacture, and as this tountry is bring flooded with foreign-made sugar, thereby Injuring and retarding the growth of the industry, it was al cilled in a resolution to petition the Dominion Government to grant such assistance as will enable the industry to overcome these difficulties and disadvantages, and to take such immediate steps as will secure the permanent (stalblishment of the beet sugar industry in Canada. It was also decided to appoint a deputation to wait on the Ontario Government this week and urge that they grant additional assistance to the industry by increasing the annual grant. The following were elected office rs for the ensuing year:--President, John Perry; 1st vice.president,


 D. A. Jones, Beeton; 2nd vice-president, T. S. Kane, New-market; 3rd vice-president, F. A. Smyth, Chatham; 4th vice-president, J. C. Sieman, Wiarton; sth vicepresident, Edw. Elliott. Peterboro'; scretary-treasurer, D. H. Price, Aylmer; honorary solicitor, X. B. Gash, Toronto, Execu-tive-Hugh Blain, Toronto; D. A. Gordon, Wallaceburg; (i. J. Jermyn, Wiarton; Capt. Davidson, Dresden; E. W. B. Snyder. W. K. Snyder, Jas. Fowler, F. H. Annis, WhitM, N. B. Gash, Toronto; Mr. Pickard, Nenceastle; W Flavelle, and T. C. Bradburn, Neweastle; D. Cargill, M.P., Cargill. Ont.: C. W. Rikowski. Wallaceburg. Th meeting was presided over by Mr. Johin Perry, and there was a large and represemtative attendance from all over the province, from such beet-growing e: ntres as Wiarton, Berlin, Wallaceburg, Dresden, Peterborough. Newmarket, Whitby and as far west as Calgary N.W.T.

- -The Minister of Customs has lately been considering. the question of putting the bonded warehouse syst m in Canada on something approaching a s lf sustaining 'basis. Permission to have a bonded warehouse may be Granted by the Minister in return for the annual payment of $\$ 40$. Liquors go into bond for five years, and other groods for a period of two year, and, upon being taken From bond, must pay duty on the values at the time of bonding. A customs officer is on hand when the goods are placed in bond and when they are removed, so that it

Watertight Electric Bells,
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All Bhipping Orders Receive Prompt Attention. Manufactured under the New Canadian Tariff,

steel Moulders' Composition for Castings of every description.
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BHIT STHAM CAR ON THE MAREET ENGLISE-BUILT THROUGHOUT

MADH IN THREE SIZES.


FOUR-SEATED Doublo Phaeton, TWO-SEATED with removable third seat, for doctors' use. LIGHT VANS To carry up to one ton.

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88 CHANGERY LANE, LONDON W.C., Eng.
: tin official summary of failures in Canada and New foundland for the past four years shows that last year :there were 1,695 failures, as against 1,379 in 1901, 1,337 in
it900 and 1,306 in 1899. In 1902 the liabilities were placed at 1900 and 1,306 in 1899 . In 1902 the liabilities were placed at $\$ 5,546,365$, with assets of $\$ 3,802,542$. In 1901 the liabiliIiabilities were placed at $\$ 10,785,601$, and assets at $\$ 4,246$, Aiabilities were placed at $\$ 10,785,601$, and assets at $\$ 4,246,-$ $\$ 4.5: 56,058$. In 1902 the failures were said to be due to the following causes: One hundred and thirty-four to incompetince, 44 to inexperience, 733 to lack of capital, 9 to unwise credits, 4 to failures of others, 7 to extravagance, 34 to neglect, 15 to competition, 48 to specific conditions, 7 to speculation, and 60 to fraud. Taken as a whole, Canada reported 20.6 per cent. fewer commercial failures and 27 per cent. less liabilities in 1902 than in 1901.
-The steel industry in Ontario, according to Bureau of Mines reports, took a big jump last $y$ tar, the output havIng been 68,802 tons, valued at $\$ 1,610,031$, compared with ${ }^{4} 14,471$ tons, valued at $\$ 347,280$ in 1901. The difference was largely due to entry of the Sault Ste. Marie works into the
field. The production of field. The production of pig iron was 112,687 tons, valued at $\$ 1,683,051$, compared with 116,370 tons, worth $\$ 1,701,703$ In 1901. The wages paid in the pig iron and steel industry amounted to $\$ 510,107$, compared with $\$ 274,454$ in the year previous. The production of iron ore amounted to 361,472 tons, worth $\$ 521,409$, compared with 273,530 tons, 'valued at $\$ 174,428$ in the previous year. In this work the
'wages paid amounted to $\$ 228,534$, compared with $-231,039$.
$\qquad$

## E. SCHREIER,

23Battett's Buildings, Holborn Cicicus, LOMOON, Eng.
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Lead Pip
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Tape Lea
Carm Lea
Tes Lresd
(W, W. B $R$
Lead Foil,
Buyers 0

# EDGAR ALLEN <br> MANUFACTURERS OF SHEFFIELD, STEEL CASTINGS <br> Crusher Jaws, Cams, Tappets, Heads, Machine-Moulded Gearing. Truck and Skip Wheels and Axles, TURNER'S PATENT IRON-FIBRED STEEL. 


#### Abstract

-Announcement is made of some of the plans and pro jects of the Eastern Canada Coal Company, which has secured a charter from the Oritario legislature. The object of the company is the acquisition of various valuable coal properties scattered throughout Nova Scotia, which at present are said to be inadequately worked, or subject to mismanagements by reason of lack of capital and executive force. The exact districts in Nova Scotia in which the company will have its holdings is not specified. The capital of the company is $\$ 2,000.000$. Some of the most important financial men in Montreal and New York will have a place on the board of directors.


The cannery being built by the B. C. Packers' Assceiation on the site of the Imperial Cannery at Steveston. B.C., will be the largest in Canada. The capacity of the cannery will be 4,000 cans a day. and will be four lined, or have four sets of canning machinery going at once The ground floor will be $260 \times 80$ foet, and the building will be completed by machinery of the latest design. The highest pack for one day was made by the Georgia cannery, which put up in 24 hours 2,800 fish, so that the projected cannery will be easily the largest in the Province.

Winnipeg advices state that there must be $18,000.000$ Toushels of oats in the country over and above its seed and

Woanks: Poflar, Limehouse, and Millwall.
Telegrams: "Locklancoe, I ondon," or "Sonjon, London.
Codms: A B C, 4th Eilition, A. 3, and private. Locke, Lancaster
and W. W. \& F. Johnson \& Sons, Ltt, 94 Gracechurch Street.

Lesd Manufacturer
LONDON, Eng.

## MANUFACTURES

Pig Lead (Common an 1 Refined). |Laminated Lead, for damp walle Bar Lead.
Bheet Lead (Ordinary and
Chemica1), up to 8 ft. wide
Sheet Lead (Gradnated and Lead Pipe iOrdinary and Cnemical Lead Pipe (Soll. Compozition

Lead Wire.
Tape Lead.
Oarm Lead.
Tea Lead. Best Incorrodible
(W. W. \& R. Johnson \& Sone'Brand Lead Foil, for gold and silver $\begin{gathered}\text { aseaying }\end{gathered}$

BuFers of Argentiferous \& Auriferous Lesd Bullion Brand for Ten Lead, White Lead, \&oc
feed requirements, and for which there is at present no shipping outlet. A sharp decline in prices, the report adds, may be expected as soon as the oats begin to move. At present farmers are getting twenty cents per bushel at country points, which is considered a fair price in Mani-toba.-Victoria, Feb. 3.-Owing to the enormous oat crop in Manitoba and the Northwest, large quantities are finding their way to the coast. These oats are of excellent quality, and go over 40 pounds to the bushel. It is expected that owing to lower prices a good many cars will be brought to coast dealers.
-The Eastern Ontario Dairymen's Association have decided to form a syndicate of cheese factories, where those desiring it may receive instruction. G. G. Publow, late cheese instructor at the Kingston Dairy School, has been appointed chief instructor, and he will have a staff of assistants. to each of whom will be assigned the inspection of twenty-five or thirty factories.
-The publishers of the Toronto city directory have commoted the statistics for 1903, and report that there are 97,087 individual names in this year's issue, exclusive of firms, corporations, etc., which, based upon the multiple inf $23 / 4$ for each name, an extremely low rate, gives an 'estimated population at the end of 1902 of 266,989 .
-Ottawa Clearing House.-Total for week ending Jan. 29,1903 , clearings, $\$ 1,618,736.61$; corresponding week last. year, $\$ 1,251,117.30$.

Telegrams:-Goodwin, Ironfounder, Leicester. Code:-5th Edition, A. B.C.


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 OF EDINBURGH．HEAD OFFICE FOR CANADA， Invested Finds， Investmonte in Onnodu，

MONTREAL．
＊50，136，000 14，980，000
［Womin Widm Poucose，
Thirteen months for revival of lapsed policies without medical certificate of five years＇extetence．
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Losne advanced on mortgagee and Debentures purchased．Agents Fanted．
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J．HUTTON BALFOUR，Secretary．

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Is the Canada Life Assurance Company＇s record in every particular of its business for 1902.

INSURANCE COMPANIES pation oriest bor Prining stoold make its 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 Atreet，MONTRARAL
ASSURANCE CO＇Y． IMCOME AND FUND 1901

Capital and Aocumulated Funds，
Annual Revenue from Fire and Life Premiums and from Interest on Invested Funds
Deposited with Dominion Government for the security of polte holders．

Head Offices：－London and Aberdeen．
Branch Offlce for Canada，Montreal， 1780 Notre Dame St．
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Manager for Canada．－－ROBERT W．TYRE，
Ineuranea．

## PHCENIX

ASSURANGE CO＇Y．，Ltd， or Loxdow，ㅍwe．
Established th 17es，Canediom Eramon Establenhed in 1004
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INSURANCE CO．
The Oldest Scottish Fire Office， canadan Head Omoe，MONTREAL．

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FINANCIAL AGENW．
Government，Munlolpal and Rallway seourities bought and sold．First olass seourities suitable for Trust Funds always on hand．Trust Estates managed．

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G．ROSS ROBERTSON \＆SONS， General Insurance Agents and Brokers
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BHLL TELEPHONE BUILDING，
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P．O．Box 994.
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THE CANADIAN
Jourral of $\mathbb{C o m m e r c e}$ ．
Montreal，Friday，February 6th， 1903.

## AN IMPORTANT FIRE INSURANCE DECISLON

The Supreme Court of Louisiana has just rendered judgment in an appeal case of great importance to in－ sulers of property and to fire insurance companies．Wro doubt the equity of the decision in some respects，but the plaintiff brought an adverse verdict upon himseli by misrepresenting the facts upon which the insurance was basen，though such misrepresentations were not shown to have had any fraudulent intention．The a ab－ sence of such intention renders the judgment particu－ larly important as it declares that，the mis－statement of material facts without a fraudulent motive vitiates a fire policy．
The plaintiff，one Elie Germier，sued the Springfield Fire \＆Marine Insurance Company to recover a loss

FIREAS8URANCE COMPANY．
Eatablished 1824．OAPITAL，$=$－ $10,000,000$
 Cansdian Branch Hesa Office，TORONTO． JA．Bo
gVANS \＆JOHNSON，Resident Agente，MONTRBAL
1728 Notre Dame St．

## A Good Position Open．

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

Sherbrooke \＆Vicinity
Only men of good character，poseeselng energy and business ablifty Will be considered for this vacancy．

E．S．MILLER，Provincial Manager，
260 st．James Street，
MONTREAL．
under a policy issued by defendant company．It ap－ peared that Germier bought land and erected thereon a house and barn．He sold the land to one Le Brun，but continued to occupy the property．After selling to Le Brun he effected insurance on this property，including the buildings，furniture and vehicles，and hay in the barn and sheds．The policy，which was applied for and made out in his own name，contained the following tipulations：
Special reference being had to assured＇s application， on which this insurance is based，which is hereby made a warranty by the assured and part of this policy．
This entire policy shall be void if the assured has concealed or misrepresented，in writing or otherwise，any

# Mutual Reserve Life Insurance Co., frederick a. burnham, phesioent. 

EIGHTY-ONE THOUSAND POLICY-HOLDERB. Total Assets, $812,264,838.21$.

THE TWENTIETH ANNUAL STATHMENT 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, <br> \$1,187,617.68.

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

EXXGLLLENT POBITIONS OPRN in its A Agency Department in every



Home Office, Mutual Reserve Bullding, - - NEW YORK cITY Montreal Office, - . La Presse Building.
T. W. P. PATTERENON, Gen, Man

## Union Assurance Society of London.

(Instituted in the reien of Queme Amwe, A.D. 1714.)
Oapital and Accumulated Frands exceed,
事16,906,009.00.
ONE OF THE OLDEST AND STRONGEST OF FIRE OFFICES.

> CANADA BRAMCH:

Oor, St. James and McGill 8treets,
MONTREAT,
T. L. MORRIBEY, Manager.
material fact or circumstance concerning this insurance, or the subject thereof; or, if the interest of the insured in the property be not truly stated herein.

Or if the interest of the insured be other than uncon'ditional and sole ownership; or, if the subject of the insurance be a building on ground not owned by the insured in fee simple.
Six months later he caused a slip to be attached to the policy by the insuring company, which read:
Endorsement, Mr. Elie Germier, New Iberia, La., May '13, 1901. Any loss that may be ascertained and proven to be due the assured under the first and second items of this policy shall be payable to Pierre Le Brun of New Iberia, La., as his interest may appear at the time of the qoss, and remainder, if any, to assuren. Attached to and lorming part of the policy No. 106\%. Springfield F. \& M. Ins. Co. of Springfield, Mass.
Such an endorsement certainl conveys the idea that Germier owned the property and Le Brun was the mortgagee, which wholly misrepresented the relations of both parties to the property. A year after the policy was so endorsed the building and furniture were almost 'wholly destroyed by fire, and when Germier made a claim for indemnity he was informed that the company denied liability, as the property burnt was not his, as he had stated. The Supreme Court, having heard the case on appeal from a lower court, ordered the suit against the insurance company to be dismissed, as in the case of non-suit, the plaintiff to pay the costs.
As we intimated before, the case seems somewhat a hard one, as, though there was undoubtedly a misrepresentation as to the ownership of the property, it was
not of such a nature as to imply any fraudulent intention. This judgment should be a warning to insurers of property against making any misrepresentations when applying for insurance, as the policy is liable to be rendered null and void by a mis-statement of fact relating to the property.

## STATISTICS OF CANADA.

A neat pamphlet just issued by the Royal Banik contains, in addition to the annual statement for 1902 and a list of its shareholders, a well-grouped series of statistics relating to the Dominion.
First, as to size, Canada, as every school-boy knows but many adults forget, has an area of $3,653,946$ square miles, or nearly 100,000 square miles farger than the United States, including Alaska, but 180,000 less if we include the recent acquisitions from Spain. As compared with Europe, it is less by about 150,000 square miles; it is 700,000 square miles larger than Australia; upwards of 50,000 square miles larger than the Chinese empire, with its population of 360 millions. Canada's population is about $5 \frac{1}{2}$ millions.
The ordinary revenue shows an increase from \$15,500,000 in 1870 to $\$ 58,000,000$ in 1902 , the expenditure from $\$ 14,345,000$ in 1870 to $\$ 50,740,000$ in 1902. The subjoined table of Dominion importe for home consumption is reproduced in full from the pamphlet:
$\begin{array}{lllll}\text { From. } & 1880 & 1890 & 1900 & 1902\end{array}$ Great Britain .. 34,461,224 $4: 3,390,241 \quad 44,789,730 \quad 49,206,062$ United States .. $29,346,948$ 52,291.973 $109,844,378$ 120,314,750 Other countries.. $\quad 7,974,177 \quad 17,053.370 \quad 26,170,208 \quad 32,770,783$

Totals. .. .. $\$ 71,752,349112,765,584180,804,316 \quad 202,791,595$

Our domestic exports were as follow:-
$\begin{array}{llllll}\text { To } & 1880 & 1890 & 1900 & 1902\end{array}$ Great Britain $\ldots 35: 208,031 \quad 41,499,149 \quad 96,562,875 \quad 109,347,345$ United States ‥ 29,566.211 $\quad 36,213,279 \quad 59,666.556 \quad 66,567,784$ Other countrits. $\quad=125,455 \quad 7,545.158 \quad 14,412,938 \quad 20,104,631$

Totals.. .. .. $\$ 72,899,697 \quad 85,257,586 \quad 170,642,369 \quad 196,019,760$

Our imports of coal in 1902 were $5,392,572$ tons, of a value of $\$ 13,307,838$, of which $3,247,256$ tons, valued at $\$ 6,020,000$, were bituminous and $1,652,460$, of the value of $\$ \%, 0 \% 2,000$, anthracite. About 65,750 tons were brought from (ireal Britain, the remainder from the United States. Our exports of domestic coal in 1902 amounted to $1,817,534$ tons, of the value of $\$ 4,867,088$, of which $1,589,469$ tons, valued at $\$ 4,318,681$, went to the United States. Of our coal yield in 1901, Nova Scotia supplied about $4,100,000$, British Columbia 1, 712,715 tons, Manitoha 356,741 tons, and New Brunswick 17,630 tons. The total yield increased from $1,063,742$ tons in 1874 to 6,186,286 tons in 1901.
The total value of the principal metal products increased from $\$ 3,614,488$ in 1890 to $\$ 42,824,698$ in 1901. Of these, gold represents $\$ 24.462,222$, of which the Yukon produced $\$ 18,000 ; 000$, British Columbia $\$ 5,596$, ro0. Nova Scotia $\$ 604,500$, and Ontario $\$ 243,000$. Next to gold, copper is our most valuable metal product; the yield in 1901 was $\$ 6,600,000$. The product of nickel, which has been rapially advancing, was $\$ 4,594,520$ in 1901; silver about 3 millions, lead $\$ 2,199,78$, and pig
iron $\$ 1,212,000$. The next statistics available will show a great advance in steel and iron.
Among our great sources of wealth the wheat yield of the North-West, including Manitoba, has assumed remarkable proportions, advancing in Manitoba alone from $14,665,769$ bushels in 1890 to $53,077,267$ bushels in 1902 , the latter from about 2 millions of acres. Oats yielded $34,478,160$ bushels, from 725,000 acres, and barley, 11,848,422 bushels from 329,790 acres. The North-West Territories yielded in the same year 14,6.50,000 bushels of wheat, $10,725,000$ bushels of oats, and 844,000 bushels of barley.

The statement of traffic through the Canadian canals in 1900 (the latest available) was $6,538,235$ tonnage, more than double that in 1885 . The tonnage of seagoing ships entered and cleared at Canadian ports with cargo and in ballast in 1902 amounted to 14,731,488.

We close our extracts with a table of the total clearings of the chartered banks for the last three years:

Cities.
Montreal
Toronto
Malifax
Hamilton.
Winnipeg.
St. John
Victoria
Vancomer
Ottawa
Qumber
Total.

1900
1901
1902
\$734.941,602 \$ $889.486,915$ \$1,050.970.000 513,697000 599,385,671 809.078,000 $\begin{array}{ll}77,594,870 & 87,148.064\end{array} \quad \mathrm{~S}, 532,307$ $40,262,588 \quad 42,554,033-45.96 .5,217$ $106,956,792 \quad 134,199.663 \quad 188,370,003$ $37,907,421 \quad 40,941,259 \quad 42,424,175$ 32,038,700 46,161,432 30,607.315 46,738,805
. $\$ 1.589 .560,411$
*1,871,0661,725
\$2..526.026,636

It will be seen that in every particular that makes for increasing prosperity, Canada holds a prominent place among the nations.

NAVIGATION ON THE ST. LAWRENCE.

For several years back the dangers said to be inherent to the navigation of the St. Lawrence route in the lower river and the Gulf, have been magnified by interested parties, inimical to it, to such an extent, and so persistently, that the marine insurance companies have by combination, succeeded in discriminating and maintaining a higher rate of premium than prevails in other parts of the world where the dangers are greater. This has been a just cause of complaint in Canada, and the time is believed to have come when it should be removed

The official report of the government, inquiry into the cause of the eleven aceidents to occan vessels in the lower St. Lawrence during the last year, clearly establishes the fact that not one of them is owing in any tway to faulty aids to safe navigation provided by the government, but, with one exception, they, were all owing to either grose carcleseness of pilots or defective knowdedge and seamanship on the part of the otheers in charge of the vessels which came to grief. The exception we allude to was that of a small vessel in the Gulf tunder fortuitous circumstances, that will occasionally
loccur, when the most complete system of aids and sigmals prove of no avail to prevent disaster.
1 In not one of the cases has any attempt been made to blame the route itself. On the contrary, the blame is admitted and fixed on the shoulders of those respectively responsible for the management of the vessels, and those who engaged them for that duty.

It is made perfectly clear now that if those vessels had been as carefully and judiciously handled as all the other vessels trading successfully in the river last year, the losses of the insurance companies would have been practically "nil." This were of itself sufficient proof that, with careful navigation, the St. Lawrence route is, to say the least, as safe as any other route in the world, if not more so.

It has been too much the custom hitherto, when an accident occurred, to blame the government for the want of a better system of lights and signals. The owriers and officers of vessels, however blamable, have always shielded themselves under that one cry. That cry will hold no longer. No one wild undertake to say that the system of aids to navigation is perfect in the St. Lawrence any more than other systems elsewhere are. Improvements in such matters are continually being made in all parts of the world as well as in Canada. The Canadian Department of Marine has as efficient a staff of officials as any other country, and all the successive governments have been alive to the needs of making our great artery of commerce as safe for navigation as possible

It is now for all the owners of vessels trading to the St. Lawrence to see to the competency of the officers in charge, and for the pilotage authorities to weed out incompetent pilots and enforce a stricter discipline among them. In the meantime, the Marine Insurance companies must, perforce, revise their code of risks, cease their unfair discrimination, and place the St. Lawrence route on the list of one of those as the least dangerous for maritime traffic.

## RURAL MAIL DELIVERY

Notwithstanding all the progress made during recent years in furthering the comforts of life, clearing the road for both rich and poor, we still find those in the country being compelled to travel, some of them, many miles for their mail. While improved ideas have been taken up in regard to numerous other improvements, the man out in the country appears to have been forgotten, at least, in so far as keeping him abreast of the times in delivery of mail. 'Thirly years ago he could hitch up and drive to the neighbouring village or town and get his mail, his daily or weekly paper; and to-day, as he drives home he can console himself with the knowledge that after all the happenings of a third of a century, he still
many
path.
A. W
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Superin
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roughly
it has g
'effect
revenue
increase
locality
second,
revenue
ed use o
enjoys the same privilege; he can still hitch up and go for his mail. All interested in the welfare of the country at large are anxious to further any movement tending toward improvement, therefore measures should be 'adopted whereby rural mail delivery would be a Leature, for its advent would be followed by results beneficial alike to both city and country.

The importance of a city or town is usually measured by its population. Of late years we find the cities spreading out over the adjoining country at a rate which is fast revolutionizing former customs and compelling the principal institutions to adopt the branch system in order that they may secure the patronage which would otherwise seek different channels. This movement has but fairly begun. Each year finds it spreading with greater impetus, followed by the various branches of industry. Thus we see the city stretches out, as it were, its lengthening arms to the dwellers in the country, yet the latter, so busy with the production of what feeds and clothes each and all, have neither time nor combined influence sufficient to warrant the adoption of such town and city improvements among them. Farmers have, of recent years, become much better educated, and generally enlightened, this largely due to the "good roads" movement, which has permitted of their keeping more in touch with events as they transpire, also through the medium of the press.
Were free rural postal delivery adopted, as it will be in time, the rural population would become much better acquainted with city ideas, customs and usages, all this tending to a more general spread of knowledge, with which is always allied better living and social elevation. The system of rural free mail delivery has been adopted in some parts of the United States, and has been pronounced a success from the outset. The idea is fast gaining ground and is being put into more general use, many improvements hitherto unknown following its path. A recent dispatch from Washington, U.S., reads: A. W. Machen, General Superintendent of the free delivery system of the Postoffice Department, made the interesting statement to-day that by July 1, 1905, the department expects to have all of the available territory in the United States covered with rural delivery routes. 'I'his will mean well on to 40,000 routes, and the discontinuance of an equal number of fourth-class offices. Superintendent Machen has had charge of the rural delivery service from its inception in 1896, so he is thoroughly familiar with all the conditions under which it has grown. "It has been shown," he said, "that the 'effect of the rural free delivery service upon the postal Tevenues is twofold: First, it causes a healthy and steady increase in the gross receipts of the postoffices in the locality or county in which free delivery is general, and, second, it is responsible for a portion of the increased Tevenues of the large offices accruing from the stimulated use of the mails by merchants and others who are now
able to reach patrons of rural delivery throughout the country. One of the distinguishing features of the rural free delivery service is the great scope of its utility. with the establishment of a rural route every other postal facility becomes co-extensive and co-operative. By pro'viding for the registration of letters by carriers en route, the acceptance of money by them for the purchanse of money orders, and the sale of postage stamps, Apostal cards and stamped envelopes, the department efectually places at the gate of each family all the conveniences suppied by a city postoffice, with the exception of the direct issue and payment of money orders by 'carriers, and it is now proposed to add one or possibly "both of these features also."

What this means for our southern neighbours it would mean for us. Canada is not behind in intelligence. This is being proven from day to day by the boys from the North being given the best positions open in the repre'sentative cities to the South.

York Township, Ont., has already moved in the mat'ter of rural delivery of mail, representatives having been chosen to wait on the Postmaster-General to this 'effect. Such improvements must come, and the sooner they are solved and put into effect the better.

## HARBOÙR MATTERS.

There is such a general feeling of disquiet arising in the public mind as regards the proposed facilities for handling the traffic of the future in our harbour, that, in all probability, a complete change must result as regards the relative position of vehicular and railway traffic on the wharves. The railway traffic is an important feature in the trade of the port, one that is sure to increase in importance, under judicious regulations, but the local traffic and freight to and from the ships is still larger, and entitled to first consideration when idealing with this question of the best means of connection between the ship and the freight.

It is becoming well fixed in the public mind that the eailroads must have, in the near future, access to the wharves at all hours of the day and night. It is only aeasonable that they should have that privilege, under certain conditions, the chief of which should be a different level from that of the vehicular traffic; the use of selectric power for moving the cars, and the working of a system on the wharves by which the cars of all railwaye, 'under one management, may be free to use the rails to the fullest extent, instead of as now, under the present disjointed system, more than half the rails on the wharves being unused fully one-half of the time.
If the country is to obtain all the advantages from the port of Montreal being properly equipped with the most up-to-date facilities for handling its trade-which for the last few years has been promised by our statesmen
-from the premier and others of more or less influential importance-it is evident that some pressure, other than now appears, is necessary to enforce a change and bring about a unanimity of feeling, of a patriotic kind in the harbour board. Political partisanship and selfish interests, have no business or right to influence the deliberations of that body, which has the right-or should have, if properly exerted-to initiate a genuine Canarlian policy for the harlour and national port of Montreal.

Realling between the lines, however, as many prople (h), the chief concern of the majority of the members, as now constituted, is as to how any particular action will affect the government, and how it will be taken at Ottawa. The occasion requires a larger grasp of mind than such as that, if the country is to get the full benefit of the sacrifices it is making, and.is still further prepared to make for provision for the catemsion of the maritime interests of the Dominion.
This question of different lacela for the twidisatimet traffics in the harbour is not new. It was urgently discussed before the present plan of harbour improvements was adopted. The chief argument used then to secure its adoption, and the high level, was that all the local -traffic would go on the street level direct to the ships and thus the objectionable old ramps-omly ten fieet highwould be avoided.
Now, when the fact is recognizen that them muth be a change from the old order of thing, it is propesed that all the vital important lowal trallic shall lue forced to rise up ramps twenty feet high, intead of the ofd condemned ones, which were only ten feet high, there is a natural revulsion of feeling, and a very reasonable demand that a reconsideration of the actual and future position should take place.
It is freely admitted by some, if not the majority of the members of the Harbour Board, that it was a mistake not to have considered the question of an elevated system of railway tracks before it was too late. But is it too late? We are among the many who have looked on this question from a disinterested standpoint, that it is not too late. It certainly should have been considered at an earlier day, as we and others have frequently pointed out.

Among other reasons given out, in olficial quarters, is that the elevator now in course of construction is Puilt so that it could not be used by the railways if the tracks were clevated. That is a futile objection not northy of being considered in such a large question as the future of the port. It may be-and that is a proint that we are not prepared at this moment to argue-perhaps it is not well taken. However, the future will call for more than the comparatively small accommolation than that one, if we attain the proportion of trade we have been led to expect, and have a right so to do.
That one elevator will be fully required for the recommendation of the water-borne traffic in grain, and will
not be sufficient for the purpose, and evén if it cannot be utilized for railway purposes, others specially adapted for them can be, and must be, built to meet the requirements of the future trade.
It is absurd to suppose that one elevator will meet all the demands of the harbour. It will simply supply the ships berthed on the two upper piers, and all the lower section will be left out in the cold. That position cannot be maintained, and the sooner that an enlarged view of what is required is fairly tackled, the better it will be for the general interest.
It is folly to shut our eyes to the changes gonug on in transportation matters. The Great Northern, the Canada Atlantic, and the Canadian Northern are now, it appears, practically combined and will be, in the inear future, a most important factor. That comloine are seeking for an entrance into the harMour by means of a hranch from Jolicte, now in course of construction. Under present arrangement;, practically, that company will he shut out, and it follows naturally, that the present arrangements must be 'changed in the general interests of the trade of the country.
It is evident that now is the time when the tracks on the wharres have necessarily to be readjusted, owing to the seconstruction of the harbour, that the whole matter shall be carefully consideren, and the whole system of railway traffic mamarement put und wo one control.

If that is done, one half of the tracks could lie ceromomised, and with an elevated system, and the us" of electric power, the railway traffic could he carried on night and day without any interference with the ordinary general traffic on the wharves.
From all we can learn the difference in the cost be'tween a perfect system of elevated tracks and the pressent makeshift of bridges for the local traffic would be insignificant.
After all the expenditures on the changes in the harbour, the proper authorities should take the necessary steps to ascertain from competent parties what the difference in the cost and the advantages really would be.

CANADA AS A field for life insurance.
The Insurance Institute of Montreal is fulfillirg onc of the principal objects for which it was organized by holding monthly mectings, at which papers are read on topics of an instructive character relating to insurance by members and others who have special qualifications for presenting subjects in an attractive form.
On the 29th ult., a paper was read on "Canada as a field for life insurance," by Mr. David Burke, A.I.A., F.S.S., who, both as an accomplished Actuary and a Manager of long experience, has all the technical skill
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and business experience to treat this subject with judgment and expert ability.

For many years Mr. Burke had the management in this city of the affairs of the New York Life Insurance Company, and since leaving the service of that insti--tution has been general manager of the Royal Victoria Life Insurance Co., which he organized and is building up successfully as a Canadian company. Knowing, then, the field so thoroughly, his views thereon are valuable and trustworthy.

He opens his paper by classifying the heads under which the subjects naturally fall. which are:

> Development of the business.
> Laws affecting Life Insurance.
> The Insurance iAct of Canada.
> Taxation of Companies.
> Population and Climate.
> Medical examiners and selection of risks.
> Mortality experience.
> Banks and banking facilities.
> Investments and interest rates.
> Development of Resources.
> Cost of new business.
> supply and demand.

The development of life insurance in this country has beell remarkable, as is shown by the following data:

In 1569 the life insurance in force was...... $\$ 35,680,000$ In 1901 " " ...... 463,760,000 The amount per had of population in 1869 was.. $\$ 9.80$ in 1901 was.. 86.50

In 1869 the business was done by 14 British companies, ? American, and 1 Canadian, whereas now it is in the hands of $\%$ British, 9 U. S., and 19 Canadian companics. The development of Canadian life insurance companies in the last 30 years is remarkable evidence of the growth of confidence in mative institutions, which is likely to become accentuated as this country grows in population and wealth. Mr. Burke, however, considers that "before the yearly -new business of life insurance can be expanded much more Canada must increase her population." He think this country has resources adequate for the support of "twice the population of the United Kingdom and Canada combined," which would be close upon 100 millions of people.

He considers our insurance laws to be wisely framed, but condemns the taxation imposed on the companies by the Provincial Governments and some municipalities as "exorbitant." In regard to the people of Canada, he regards them as well adapted for life insurance, as the mortality experience of the companies has been exceedingly favourable, the climate being healthy and the habits and avocations of Canadians conducive to length of life. In these vital features Canada is a desirable field for life insurance.

In regard to Banks and banking facilities, the paper before us points out the great increases in recent years, with which our readers are familiar from the monthly comparisons published in this journal.

As regards investments by life insurance companies, it is stated that, in 1901, the average rate earned was 4.34 per cent. The Government retains the right of determining in what securities a life insurance company may invest its funds. This restriction is complained of by some company managers, but, it needs only a cursory glanec at the reports of the Insurance Superimiendent to discover that the field for investments is practically unlimited. The investments include stocks and bonds of all manner of joint stock companies, here and in the United States; the debentures of municipal corporations; salway and gosermment securities; advances of stocks ant bonds; indeed, it is not casy to see what chass of secority, except promissory notes, is forbidden to the life insurance companies in Canada.

Mr. Burke has some vigorous strictures on the exeessive cost of new business, a large portion of which, no doubt, is utterly wasted, as the business oblained at a sacrifice of the larger part of the first yeares premium, rums ont of the companies hooks like water from a sieve. That is an abecet of the life insurance husiness in Canada which calls for the serions consideration of all companies, and Mr. Burke did well in loringing it forcibly to their attention. His satirical allusions to "'rwistets" are very pungent, and will excite curiosity as to the premons he pillories and pelts with stinging arrows.

After a brief statement of the salient facts showing the development of the railway, mineral and agricultural $\mathbf{r}$ (sonteces of this country, Mr. Burke winds up his very interesting paper by deprecating the establishment of more life companies, as, at present, "there cannot be room for any more to do a profitable business." Thut he is sanguine in regard to the great future before Carada, in wealth and population, which, as it develops, will render the field of life insurance more and more extended and profitable.
-Negotiations have, it is stated, just been completed for the consolidation of three companies engaged in the manufacture of shirts and collars in this city. The companies ar. Tooke Bros., Limited, A. H. Sims and Co., and the Standard Shirt Company, Limited. With the companies are the Colonial Bleaching and Printing Company, Limited. It is understood the company will establish a large factory at Shawinigan Falls, where it will manufacture its own cotton and prints. The factory would manufacture eottons-especially prints not at present on the Canadian market-to supply them as raw material for use by the inew company in the manufacture of its shirts and other Ilines. At the present time various lines of printed goods must of necessity be imported from the United States for the reason, that they are not manufactured in Canada. The installation of proper mach nery and the saving of duties and other manufacturers' profits, It is calculated, iwould result in profits to the new company.

FIRE INSURANCE BUSINESS IN 1902.
The three right-hand columns of the table subjoined are pleasant reading, not only for the insurance companies and their managers and other officers, but for every person having a stake anywhere in the land. It is but rarely that the proportion of Losses paid to Premiums Received has fallen so low as in 1902. People will recall the now trite remark which we may lay claim to as being the first to use in the connection, that business prosperity has a very marked influence for good upon fire risks, and vice versa; for though it is very rare indeed that a merchant, manufacturer or other man of business will harbour the thought of making a sale to the insurance companies, the conviction is be-
lieved to prevail that there is still another here and there who has mruch to account for in the raising of rates to the public, and whose haulage out of the underwriters is often heavy enough to call for considerable gathering in of premiums to get at anything like a balance, even at an increase of taxes (rates) upon the various insured. As we are yet awaiting some of the returns, it is impossible to show the average for 1902, but there can be no doubt that it beats all records, the year 1888 being the lowest heretofore, a ratio of 51.3. It is probable the average Loss Ratio for 1902 will not much exceed 37.5 , and one of the big companies which is among those of highest proportion of losses, is credi. ibly reported to have netted $\$ 300,000$ from its business for the period under review:

FIRE INSURANCE IN CANADA DURING 1902.
(Full informatlon as to 192 business for the remaining Companles to not avellable for the moment, but will be pablished as soon as retarns come in.)

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow{2}{*}{OOMPANIEA.} \& \multicolumn{12}{|c|}{RATIO OF LOSSES PAID TO PREMIUM RECEIPTS.} \& \multicolumn{3}{|c|}{1902.} \\
\hline \& 1890 \& 1891 \& 1892 \& 1898 \& 1894 \& 1895 \& 1898 \& 1897 \& 1898 \& 1899 \& 1900 \& 1901 \& Prbmivem
Incomes. \& Lossimb InOURExD. \& Los: Ratio. \\
\hline \multicolumn{16}{|l|}{Can. Companies.} \\
\hline \begin{tabular}{l}
British Amerlca... \\
Quebec. \\
Western.
\end{tabular} \& 67.6
44.7
46.8 \& 75.2
67.3
65.2 \& \[
\begin{aligned}
\& 86.1 \\
\& 78.5 \\
\& 70.0
\end{aligned}
\] \& 71.4
79.0
64.4 \& 67.5
73.3
66.2 \& \[
\begin{aligned}
\& 62.6 \\
\& 59.5 \\
\& 65.1
\end{aligned}
\] \& 57.5
67.5
57.5 \& 69.6

78.8 \& 52.8
46.7
49.4 \& 48.1
93.5
51.8 \& ${ }_{1}{ }^{69.8 .0}$ \& 61.06 \& . \& \& <br>
\hline \multicolumn{16}{|l|}{Brit. Companies.} <br>
\hline Alliance. \& \& \& 40.0 \& 87.4 \& 92.7 \& ${ }_{7}^{73.3}$ \& ${ }^{68.5}$ \& 53.5 \& 68.6 \& 43.7 \& 187.0 \& 114.80 \& 156.183.00 \& 22.3*2.00 \& 14.2 <br>
\hline  \& 71.7
708 \& 77.8

83.5 \& | 57.7 |
| :--- |
| 58.8 |
| 8.8 | \& 76.6

73.4 \& 57.1
69.4 \& 56.0
59.6 \& 59.0 \& 61.1 \& ${ }^{97.6}$ \& 60.2 \& 102.5 \& 59.84 \& 150.ィ3.00 \& 28.322.00 \& 14.2 <br>
\hline Commercis] Union \& 47.6 \& 57.8 \& 81.0 \& 69.6 \& 6.7 \& ${ }_{79} 9.9$ \& 62.8
61.9 \& 62.9
72.5 \& 55.8
80.8 \& 80.6
71.8 \& 128.8 \& 89.10 \& 259,017.00 \& 109,448.00 \& 42.2 <br>
\hline Guardian. \& 75.8 \& 85.6 \& 52.0 \& 58.5 \& 75.7 \& 75.4 \& 58.8 \& ${ }_{76.8}^{72.5}$ \& 80.8
56.7 \& 71.8
53.8 \& 79.6
106.0 \& 70.44
79.48 \& 438,560.00 \& 144,324.00 \& <br>
\hline Imperial. \& 47.9 \& 44.4 \& 46.2 \& 84.8 \& 57.3 \& 58.8 \& 51.9 \& 56.9 \& 50.2 \& 58.7 \& 99.5 \& ${ }_{73.41}$ \& 127,073.00 \& 100,168.00 \& 8.8 <br>
\hline Lomestirsurance... \& 58.8. \& 71.0 \& 60.7 \& 75.6 \& 60.4 \& 80.1 \& 60.1 \& 71.6 \& 49.9 \& \& \& \& 94,305.00 \& 1,793.00 \& 01.9 <br>
\hline Law Union a Cr'wn \& \& \& \& \& \& \& \& \& \& 12.0 \& ${ }_{72.3}^{91.2}$ \& ${ }_{61.07}^{61.56}$ \& \& \& <br>
\hline Liv, \& Lon, \& Glo. \& 38.1 \& 57.9 \& 64.9 \& 86.9 \& 65.3 \& 70.5 \& 57.7 \& $72.8{ }^{\circ}$ \& 60.8 \& 69.9 \& 87.0 \& ${ }_{86.25}$ \& 424,171.10 \& 189,409.00 \& 29.8 <br>
\hline Lon. and Lancs.... \& ${ }^{61.5}$ \& 41.5 \& 55.8 \& 49.2 \& ${ }^{63.8}$ \& 89.5 \& 45.6 \& 49.3 \& 108.4 \& 46.9 \& 86.6 \& 57.47 \& \& \& <br>
\hline London Assurance \& 44.7
12.6 \& 86.8
49.4 \& 45.9 \& 69.9 \& ${ }^{63.8}$ \& 90.1 \& 46.2 \& 780 \& 119.2 \& 45.0 \& 111.4 \& 90.00 \& 184,214.00 \& 40,444 70 \& 80.1 <br>
\hline Nationsl. ${ }^{\text {M }}$...... \& 12.6
67.6 \& 49.4
81.3 \& 65.6
63.2 \& ${ }_{77.6}^{92.2}$ \& 78.3
57.1 \& 90.8
68.0 \& 57.8
59.0 \& ${ }^{76.5}$ \& ${ }_{97}^{56.8}$ \& 62.9 \& 131.0 \& 91.10 \& 191,793.00 \& 69,069.00 \& 30.7 <br>
\hline N. Brito of Mer...... \& 55.9 \& 72.9 \& 63.2 \& 87.7 \& 56.8 \& 76.0
61.2 \& 59.0
45.8 \& ${ }_{77}^{61.1}$ \& 97.6
68.2 \& 60.2
64.4 \& 102.6 \& 52.78 \& 271.940 .00 \& 111,421.00 \& 40.9 <br>
\hline Northern \& 70.5 \& 57.9 \& 59.8 \& 70.5 \& 70.5 \& 86.3 \& 69.2 \& 55.9 \& 55.9 \& 64.4
52.7 \& ${ }_{74.5}$ \& ${ }_{71.17}$ \& \& \& <br>
\hline Norwich Union.... \& 58.7 \& 67.7 \& 63.0 \& 64.1 \& 83.1 \& 69.2 \& 57.7 \& 68.7 \& 72.5 \& 58.8 \& 97.6 \& ${ }_{72} 12$ \& 367,592.00 \& F01,626 00 \& 88.5 <br>
\hline Phoenix of London \& 48.2 \& 61.1 \& 54.1 \& ${ }^{63.3}$ \& 62.3 \& 49.2 \& 43.8 \& 53.4 \& 57.1 \& 51.8 \& 80.2 \& 65.74 \& \& \& <br>
\hline R Poysilunion \& \& 58.8
88.5
88 \& ${ }^{68.8}$ \& 68.7 \& 75.1 \& 70.8 \& 72.7 \& 63.8 \& 62.9 \& 67.6 \& 69.2 \& 82.7 \& ${ }_{68,65}$ \& $963,143.000$ \& 10,762.00\% \& <br>
\hline Scot. Union \& Nat. \& 88.5 \& 61.7 \& 68.2
20.8 \& 31.5
62.0 \& 68.2
69.4 \& 86.1
70.7 \& 55.6
59.9 \& 42.5 \& 67.0 \& 47.6 \& 60.0 \& 62.27 \& 309,081. 00 \& 110,597 00 \& ${ }_{85.8}$ <br>
\hline Union ............. \& \%3,9 \& $48.7 \times$ \& 45.4 \& 68.0 \& 69.4
61.0 \& 70.7
45.8 \& 59.9
58.5 \& 88.2 \& 65.5 \& 70.8 \& 91.4 \& 68.11 \& 245,562.00 \& 95,029.00 \& 30.6 <br>
\hline \multicolumn{16}{|l|}{\multirow[b]{2}{*}{amer. Companimb.}} <br>
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Atna, ........... \& 67.8 \& 55.6 \& 75.8 \& 68.4 \& 56.3 \& 78.8 \& 47.6 \& 67.2 \& 61.1 \& 60.6 \& 164.2 \& 78.50 \& 208,386.00 \& 78,115.00 \& 37.5 <br>
\hline Americta....... ... \& 87. ${ }^{\text {\% }}$ \& $8{ }^{86} 7^{-2}$ \& 48.1 \& 62.1 \& $\because 41.5$ \& 76.3 \& \& \& \& \& 84.8
71.8 \& \& \& \& <br>
\hline Hartford. ......... \& 84.7 \& 72.8 \& 51.8 \& 70.2 \& * 65.8 \& 75.6 \& 50.8 \& 60.9 \& 66.8 \& 62.1 \& 138.5 \& 69.90
68 \& \& \& <br>
\hline North America.... \& 44.3 \& 45.7 \& 56.6 \& ${ }^{65.0}$ \& E 70.7 \& 62.4 \& 67.6 \& 84.0 \& 79.8 \& 42.9 \& 114.3 \& 68.53 \& 185,941.00 \& 62,036.00 \& <br>

\hline | Phenix Brooklyn.. |
| :--- |
| Phoenix of Hart... | \& 37.6

80.8 \& ${ }_{54.9}^{56}$ \& 82.9
79 \& 70.8
96.4 \& ${ }^{69.9}$ \& 98.8
71.2 \& 61.9
72.9 \& 59.7
80.6 \& 64.8 \& 57.5 \& 56.5 \& 6.99 \& 174,616.00 \& 54,690.00 \& 83.3
81.8 <br>
\hline Queen of America. \& 20.8 \& 66.6
18.7 \& 79.9
70.5 \& 96.4
63.0 \& -76. \& 71.2
66.9 \& \& \& 85.0 \& ${ }_{88}^{88.0}$ \& 75.4 \& 55.12 \& 140, 84.00 \& 4,251.00 \& ${ }_{28.9}^{81.8}$ <br>
\hline Queen or America. \& \& 18.7 \& 70.5 \& 63.0 \& 460.1 \& 66.9 \& 69.4 \& 66.8 \& 41.2 \& 58.7 \& 88.6 \& 49.25 \& 496,152.00 \& 233,933 00 \& 47.1 <br>
\hline
\end{tabular}



The new year has opened as favourably in nearly every legitimate line of business, and the result cannot fail to have its moral influence also, in tending to convince the growing as well as the grown generation that there is no royal road to Riches, that industry and perseverance are the best and only guides.

The companies at headquarters, at home and abroad, 'and their representatives, wherever in Canada, are to be congratulated upon the excellent outcome of their en-
deavours during 1902, but it will take many such rewards to recoup the great majority for the disasters and losses of former years. Although the great bulk of Canadian fire underwriting is in the hands of staunch, joint-stock companies, there is more mutuality in the business than many people seem to consider. The rise in rates is due to the more or less frequency of fires, and in this and some other respects the money to pay 1osses must sooner or later come out of the pockets of the public at large.
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## Tot

Sheets
Great 1
United

## WHAT CANDA BUYS-(28).

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 open ing 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:

DUTLABLE GOODS-(Continued.)
ARTICLES IMPORTED.
Entered for Home Conbumption.
-Total Imports-
Ceuntries.

Quantity. Value. Quantity. Lbs. $\$$ Lbs.

General Cariff
Value. Duty.
$\$ \quad \$$

Preferemtial Tariff.

Fax, hemp and jute, manufactures of-


| 288 | 14.40 |
| ---: | ---: |
| 19 | 95 |
| 44 | 2.20 |
| - | -17.25 |

Quantity. Value. Duty

| 23,595 | 4,856 | 161.88 |
| :---: | :---: | :---: |
| ' . . . . . | ..... | - |
| .... | ..... | - |
| 23,595 | 4,856 | 161.88 |
| ...... | 389,673 | 77,934.59 |
| . . | . . . . . | . |
| . $\cdot$. $\cdot$. | . . . . . | . |
| .. | .... | . |
| . . | . $\cdot$. ${ }^{\text {a }}$ | *.... |
| ..... | - . . . | . . . |
| . |  |  |
| . $\cdot$... | . . . . . |  |
| . | 389,673 | 77,934.59 |



| Great Britain . . . . |  | 144,324 |
| :---: | :---: | :---: |
| Belgium.. .. |  | 21 |
| France |  | 7,628 |
| Germany ... . |  | 3,463 |
| Japan.. .. . . . . .. .. | . . . . . | 149 |
| Sivitzerland.. .. . |  | 3,776 |
| United States.. . . . . . .. |  | 1,355 |
| Total.. |  | 160,716 |


| 8,006 | $2,802.10$ |
| ---: | ---: |
| 37 | 12.95 |
| 7,591 | $2,656.85$ |
| 3,463 | $1,212.05$ |
| 415 | 145.25 |
| 3,776 | $1,321.60$ |
| 1,355 | 474.25 |
| $-\frac{-}{24,643}$ | $8,625.05$ |

Horse clothing. shaped, or ot'herwise manufactures
Great Britain ... ...... 180
United States.
Total
180

6,806 $\quad$\begin{tabular}{c}
$\cdots \cdots$ <br>
\hline 6,986

$\quad$

$\cdots \cdots$ <br>
\hline
\end{tabular}

| 102 | 30.60 |
| ---: | ---: |
| 6,806 | $2,041.80$ |
| $-\quad-\quad$ | 2.072 .40 |



Sheets and sheetings-


Yds.
Great Britain

Total . . . . . .. .. .. $\quad \ldots \ldots$
54
1
703
248
324
545
5
1
742

| 22.859 | $6,857.70$ |
| ---: | ---: |
| 3,071 | 921.30 |
| 109 | 32.70 |
| 9 | 2.70 |
| 8,920 | $2,676.00$ |
| 17,075 | $5,122.50$ |
| 774 | 232.20 |
| 1,289 | 386.70 |
| 11,140 | $3,342.00$ |
| $\ldots$ | -- |
| 65,246 | $19,573.80$ |



Articles Imported.
Entered for Home Consumption.
Con ries.
Quantity. Value. Quantity.
General 'lariff
Preferential Tariff.

|  | -Total Imports- |  |  | Value. | Duty. <br> \$ |  |  | Quantity. Yds. | Value. \$ | Duty. \$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Yds. | \$ | Y'ds. |  |  |  |  |  |  |  |
| Linens, brown or bleached- - |  |  |  |  |  |  |  |  |  |  |
| Great Britain.. .. .. .. .. | 7.:5,660 | 39,934 | 11,074 | 987 |  | 246.75 |  | 753,667 | 62,292 | 10,382.07 |
| Belgium... . | 3,954 | 670 | 3,95 + | 670 |  | 167.50 |  | . . . . . | ...... | ...... |
| Germany .. | $\therefore, 6: 20$ | 580 | 2,6:20 | 586 |  | 146.50 |  | . | .... . | . |
| United States.. . . . . . .. | (6,143) | 1,395 | 8,613 | 2,270 |  | 567.50 |  | . . . . . | ..... | . |
| Total.. | 740,37\% | $6 \because, 588$ | 26,261 | 4.513 |  | 1,128.25 |  | 753,667 | 62.292 | 10,382.07 |
| Lintn, duck, canvas, huckabacks, or other manufactures of flax, N.E.S.- |  |  |  |  |  |  |  |  |  |  |
| Great Britain. . . . . . . |  | 487,210 |  | 6,601 | - | 1,650.25 | 1 | ...... | 487,199 | 81,201.04 |
| Belgium. . |  | 1,8:25 | ...... | 881 | - | 220.25 |  | ...... | . | ...... |
| France.. . |  | 2,212 | ..... | 2,212 | - | 553.00 |  | . $\cdot$. . . | . . . . . | . |
| Germany . |  | 2,758 | . . . . . | 2,758 |  | 689.50 |  | ..... | ..... | . |
| Greece. . |  | 14 |  | 14 | - | 3.50 |  | . ..... | ...... | . |
| Japaı.. . . . . . . .. .. |  | 425 | ..... | 425 | - | 106.25 |  | . . . . ${ }^{\text {. }}$ | . . . . . | . |
| Russia . . . . . . . . . . . |  | 494 | . . . . . | 494 |  | 123.50 |  | . . . . . | ...... | . |
| United states .. .. |  | 15,576 |  | 15,840 |  | 3,960.00 |  | ...... | ...... | $\because$ |
| 'total.. |  | 510.314 |  | 29,225 |  | 7,306.25 |  | . $\cdot$. . | 487,199 | 81,201.04 |
| Linen elot'bing - |  |  |  |  |  |  | $\cdots$ |  |  |  |
| Great Britain. |  | 12,901 | ...... | 1.775 |  | 1614.25 |  | . ..... | 11,608 | 2,708.59 |
| France.. |  | 27 |  | $\because 2$ |  | 9.45 |  | ...... | ...... | . $\cdot$ |
| (iermany.. . |  | 93 | ..... | 93 |  | 32.5\% |  | . ..... | . . . . . | . |
| Switzerland. |  | 132 | .... | 132 |  | 46.20 |  | . . . . | . | . |
| United states........ |  | 2,44 |  | $\therefore 244$ |  | 85.5.40 |  | ..... . | . . . . | . ..... |
| Total.. .. . |  | 15,59\% |  | 4.4 .51 |  | $1.55 \pi .85$ |  | ..... | 11,608 | $2,708.59$ |

Linen blouses and shirt waists-


Tapestry, jute-
$\begin{array}{lllll}\text { Great Britain. ............. } & \text { S31 } \\ \text { United Statas. ........... ..... } & 109\end{array}$
Total. . . . . . .. . . . ...... 940

## BRITISH MANUFACTURE

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

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## CRUDE DRUGS DURING 1902

During the past year there were interesting movements in a number of the crude drugs and some wide ranges are noted in the opening and closing prices of several ataing articles. All things considered, senega root prodably attracted the most attention, and during 190a prices for this root show a net advance of twenty-four cents, although since the turn of the year much higher values 'have ruled, with indications pointing to still further ad,vances. The article in question has been in active demand both for home consumption and for xport, and ne July there has been an almost continuous advance in prices. The facts regarding the short crop and the causes thereof and the conditions leading to the higher prices have. says the Oil, Paint and Drug Reporter, been fully discussed, both editorially and in market seports, and are sufficiently well known not to require any elaboration. In 1877 the highest price quoted for Minnesota senega was eighty-five cents, but since that time no quotation thas been as high as the closing price of 1902. In the table below are given the highest and lowest prices quoted during each month of the last five years:

| - | 1902. | 1901. |  | 1900. |  | 1899. |  | 1998. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | H. L. |  | L. | H. | L. | H. |  | H. | L. |
| Jan. | $51 \quad 51$ | 42 | 40 | 48 | 48 | 24 | 24 | 24 | 23 |
| Fcb) | 54 51 | 40 | 38 | 48 | 47 | 24 | 24 | 23 | 22 |
| Marel | $\begin{array}{ll}54 & 54\end{array}$ | 373 | 35 | 44 | 43 | 25 | 24 | 23 | 23 |
| April | $54 \quad 54$ | 36 | 35 | 48 | 43 | 25 | 25 | 22 | 21 |
| May | $50 \quad 50$ | 35 | 35 | 44 | 44 | 25 | 25 | 24 | 23 |
| .June | $50 \quad 47$ | 33 | 31 | 40 | 38 | 25 | 2,5 | 23 | 22 |
| Tuly | $52 \quad 47$ | 34 | 30 | 36 | 30 | 28 | 25 | 25 | 22 |
| Aug. | $65 \quad 54$ | 40 | 36 | 33 | 28 | 35 | 28 | 26 | 24 |
| Stpt. | 7064 | 55 | 40 | 36 | 34 | 37 | 35 | 25 | 24 |
| Oct. | 7063 | 575 | 55 | 39 | 38 | 43 | 37 | 25 | 24 |
| Nov. | $70 \cdot 58$ | 555 | 52 | 45 | 44 | 50 | 48 | 25 | 25 |
| D.c. | 7570 |  | 51 |  | 43 | 48 | 48 | 25 | 24 |
| year | $75 \quad 47$ | 573 | 30 | 48 | 28 | 50 | 24 | 26 | 21 |

Among the other roots which have attracted more or less attention are golden seal, serpentaria, Mexican sarsaparilla, jalap, Florentine orris and ipecae. In the cas: of golden seal, there was, as is usually the case, considerabls fluctuation, the price varying with the demand. For ser pentaria the market has been uniformly firm, owing to the scarcity of supplies. The sharp advance in jalap occurred too recently to require comment. Sarsaparilla has advanced and declined with the buying interest. Florentine orris topk on consid rable strength toward the end of the year on account of the short crop and the firm pasition of primary markets. Both Rio and Cartag.na ipecac have followed a general declining tendency in sympathy with conditions in the London market and owing to a light demand. A particularly sharp decline in the price of Rio occurred during the first week in Siptember after the London drug auction, when the quotation was reduced by twenty-five cents. Cartagena was quoted at $\$ 1.421 / 2$ in January, 1902, and at $\$ 1.20$ in December. In September,
hoever, ninety-five cents was quoted, and even this low figure was shaded.
Cascara sagrada did not begin to receive very much at tention until the end of the year, when an active demand developed and the already small stocks on the spot and at the Coast were rapidly reduc d . Heavy sales were made fior export and to dealers in this market, and prices gradually advanced and will doubtless continue to do so for some time.
Owing to searcity of supplies there have also been advances in prices for wild cherry, elm, angustura, sassafras and prickly ash barks; in fact, with few exceptions, the entire list bas been in general upward t ndency. The demand for the leading varieties thas been very fair during the entire year
With the h rbs and leaves those varieties to which general interest was attracted were short buchu, ooca, dami ana and cannabis indica. In the case of the former a shartp advance occurred during the latter part of August, n sympathy with strong advices from abroad. Considerable d:mand d veloped, and the market held very firm. with small stocks. Later on, horvever, the activity subsided, but the strong tone held for some time and it was not until near the end of the year that quotations became nominal, owing to the continued dullness of trade. Damiana remained quist until late in the year, when considerablo activity set in and available supplies became greatly reduced. Subs qu nt arrivals eased the market somewhat. There wore periods when coca leaves were in good demand and the market, though lower than at the beginning of the year, is firm in sympathy with conditions at primary sources, where the supply is limited. Cannabis indica has been generally dull, but prices have $h$ old firm with for ign markets, and any demand has caused an advance.
The crop of canary seed in 1902 was a very short one, and prices for the article naturally advanced, both here and abroad. Latterly there has been a very good demand, and the high prices will probably prevail for some time. In the case of Smyrna canary seed, the closing price was higher than any since 1893. The following table shows the highest and lowest prices quoted during each month of the last five years:-

| 1902. | 1901. | 1900. | 1899. | 1898. |
| :---: | :---: | :---: | :---: | :---: |
| H. L. | $\cdot \mathrm{H} . \mathrm{L}$. | H. L. | H. L. | H. L. |
| 33 | $21 / 21 / 2$ | 27/8 25/8 | $21 / 421 / 4$ | $21 / 82$ |
| $23 / 4$ | 21/2 $23 / 8$ | $25 / 821 / 2$ | 21/4 | 22 |
| $23 / 423 / 4$ | $21 / 2 \quad 21 / 2$ | $21 / 221 / 2$ | 22 | 22 |
| $27 / 823 / 4$ | $21 / 221 / 2$ | $21 / 221 / 2$ | 22 | 22 |
| 27/8 23/4 | $21 / 223 / 8$ | $21 / 221 / 2$ | 17/8 | 21/8 |
| $33 / 823 / 4$ | 23/823/8 | $21 / 2 \quad 21 / 2$ | 21/22 | 21/8 |
| $33 / 833 / 8$ | $21 / 421 / 8$ | 23/8 $21 / 8$ | $23 / 421 / 2$ | 22 |
| $33 / 833 / 8$ | $21 / 821 / 8$ | 23/8 21/4 | $31 / 43$ |  |
| 33/2 $33 / 4$ | 23/8 21/4 | $23 / 823 / 8$ | $31 / 4.31 / 8$ | 22 |
| 37/8 38/4 | $23 / 823 / 8$ | 23/8 21/8 | $31 / 827 / 8$ | 21/8 |
| 33/8 | $23 / 423 / 8$ | $21 / 421 / 8$ | 3 27/4 | $21 / 4$ |
| 43/4 4 | $3 \mathrm{~S} 23 / 4$ | $21 / 23 / 8$ | 27/8 27/M | $23 / 581 / 3$ |
| $43 / 423 / 4$ | 21/8 | $27 / 821 / 8$ | $31 / 417 / 8$ | $23 / 82$ |

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NOTE-These Cars are supplied $331 / 3$ p.c., less to Canadians, F.O. B. London, under the New Preferential Tariff.


#### Abstract

American and Spanish saffron have advanced in value owing to scarcity. There were periods of activity in thes 'articles and the market closed firm. Lycopodium acquired considerable firmness in sympathy with foreign markets, but at no time during the year thas the demand been overactive. The crop this year was a small one. The ergot crop was also somewhat smaller than usual, but this did not prevent a steady decline in prices here, where there has been very little demand, comparatively speaking, during the year.

Advices from the various producing districts indicate firm markets for peppermint for some time. It appears from advices, which we quote later on, that the scarcity of Aimerican peppermint oil, the production of which has been declining for several years, has not permitted the amount to be exported to Europe which was demanded there, in consequence of which Europe has been obliged to substitute a much larger proportion of Japanese oil than usual, which has resulted in draining the supplies of that article also. During the four years from 1896 to 1899 inclusive, there were imported into Europe 587,253 pounds of American oil, making an average of 146,813 pounds per annum. As the production began to decline after that period, America was able to export in 1900 but 72,052 pounds, the amount falling in 1901 to 47,224 pounds, making 119,276 pounds for the two years, or for the entire six years a total of 706,529 pounds, an average of 117,755 pounds per annum; and as the stock on hand in Europe at the end of 1901 was smaller than at the beginning of the period, the actual amount of American peppermint oil consumfed in Europe must exveed 117, no pounds per annum. The inability of America to export larsely is shown more strikingly still by the fact that during the first eight months of 1902 only 11,939 pounds was sent. practically 1.500 pounds per month, the result being that stocks


 everywhere were reduced to the lowest possible limit inthe hands even of the smallest consumers and dealers, European stocks having been reduced during the year over 100,000 pounds, or practically three-fourths of the entire American crop.

TROUBLE OVER THE CORN
A lot of canned corn put up by the Strathroy Canning company, says the Hamilton Spectator, is causing more legal trouble. Some time ago a suit was begun in the courts to determine the quality of the pack, the Dominion Syndicate Company, of this city, being concerned in the 'matter, which was eventually settled, by the sale of the
Through G. A. Clancy Co., brokers, of Toronto, the corn was sold to the Oshawa Canning Company, for $\$ 16,000$; the Western Banking company, it is said, guaranteeing the purchase money. The sum of $\$ 9,000$ was paid over, and later the Oshawa company complained of the allegred poor quality of the corn, and refused to pay the balance.
Then the Dominion Syndicate issued a writ against the Western Bank, to recover the balance of the purchase 'money, $\$ 6,515$. Now, the Os'hawa company gets back at the syndicate, by suing it and the Strathroy company for anstated damages for their share in the selling of the corn. The syndicate claims that it warned the plaintift company of the corn's condition. T. W. Curry, of Toronto, is acting for the Oshawa company and the bank, and ILew. F. Stephens, city, for the Dominion Syndicate.

Jondon Clearing House.-Total for week ending Jan. 29 1903, clearings, \$646.673.

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Expert Boot Buyers Recognise these Distinctive Lines
As the greatest VALUE ever offered.

## Phœnix Shoe Works, - Northampton, England.


#### Abstract

-Fully 1,500 persons thronged the yards of the Buffalo Dry-dock Company on Saturday, says a despatch from that ceity, to witness the launching of the steel steamer James is. Keefe, the first of the fleet of freighters to be turned lout from the Buffalo yards for the Great Lakes \& St. Lawrence Transportation Company, the new Canadian line in which A. B. Wolvin of Duluth is interested. At 3 'o'clock the last block was knocked out, and the rope contining the new steamer on the ways was cut. She slid down the incline easily, and settled buoyantly upon an reven $k \in e l$. The owners were represented by Captain Uoseph Norcross, who is to be mechanical superintendent lof the new line. The new steamer, which is known as iNo. 203, is 255 feet over all, 241 feet betiween perpendicuПars, 41 feet moulded beam, and 18 feet moulded depth. Her capacity is 2,400 tons, and ther cost in the neighbor mood of $\$ 150,000$. Her construction was begun on November 17 th , and but for the heavy rush of repair work at the tyards she would have been in the water two weeks. The second of the Wolvin boats under construction here has toeen under way while the Keefe has been building, and all the force fracticable will now be directed to completling her. She is to be a duplicate of the Keefe, and will


be christened Robert Wallace. She will be launched in six weeks. The new steamtr has an equipment consistling of two Scotch boilers and triple expansion engines $15 \times 25 \times 42$. Her machinery was built in Detroit. She thas all modern appliances of steam windlass, steam, steerling gear, and an electric light plant.
-Mr . H. B. McGiverin of Ottawa gives notice that application is to be made to Parliament for an act to incorporate a company with power to construct and operate n railway from Toronto to Hamilton, passing through the Counties of York, Peel and Halton. The proposed line is to be operated by steam, electricity or other motive power, and authority is sought to amalgamate with or acquire iby lease, purchase or otherwise, existing electric, street or 10ther rallways, or sell or lease to such railways, or make traffic or operating arrangements therewith, and to aciquire the capital stock, bonds and other securities of other compani ss, and to guarantee their bonds. The proposed icompany likewise wishes to acquire, generate, use and sell electric force or power, and to acquire, lease, own and operate steamboats, wharfs, elevators and storehouses Lieut.-Col. Pellatt, who is interested inf the Toronto \&

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In addit
(lit one
Mr. Lar
into the price of Manitoba flour. The low price of fr ight still inffered from New York has also kept the price of the Canadian article to its melatively low figure. The differrence between the shipping rate for grain from Winnipeg ivia New York and via Vancauver, favoring the former port, still continues so great that it is hopeless to expecf atise large trade from Vanconver that was lonked for. Quotations from Vancouver hav been steadily underbidden in Hustralia. The markst at present is pretty well stocked nvith both wheat and flour. The Manitoba flour is getting into the market of all tho States a quant ty having been shipped to Perth, Western Australia. Potato:s are selling nt a high figure, warranting lange shipments from British Columbia, but no space could be found on the steamers.

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Cit one time they were selling at from $\$ 40$ to $\$ 50$ a ton. Mr. Larke says he has hopes of getting Manitoba flour finto the Pacific islands.

Mr. J. S. Larke, reporting to the Department of Trade and Commerce under date of Sydney, Jan. 2, says it 'would appear that 300,000 tons of wheat and flour will be needed in Australia, 'exclusive of othed breadstuffs, and it is probable that about one-half of this amount has been contracted for. There is, therefore, a possibility for large shipments as yet from Vancouv $r$ if the freight facilities are improved. It is probably too late to do much shipping of oats, except some for milling purposes. Five hundred cases of Canadian apples, which arrived iby the last steam'er, were infinitely below sample and about thalf decayed,
and the consignee ther fore refused to accept delivery. It is claimed that the fruit was not Canadian but United States apples, shipped at Vancouver. The sale of Manitoba flour is not only extending to all the seats of the Commonwealth, but to New Zialand, and there are hopes of getting it into the Pacific Islands. It is estimated that the total production of wool in Australia will fall short iof last year by 300,000 bales, or nearly 20 per cent.

St. John, N.B., advices state that Mr. James McGregor, representative of the Anglo-Canadian Cold-Storage Corporation of Salter's High Court, London, E.C., was in St. John on Saturday, and in company with James O'Borne of the Canadtion Pacific Railway paid a visit to the West End. Mr. McGregor is looking for an available site to build a


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cold-storage plant and engage in the shipping of meat 'to England. Mr. O'Borne offered a free site on the Canadian Pacific property at the bay shore, but Mr. McGregor preferred to get one nearer the harbor front and the steamship terminals. He picked out one on the city's property, which suited him. He afterwards met the Board of Works and laid his plans before that body. He did not want any bonuses or exemptions, but would like to get a 21 years' lease of, say, $100 \times 100$ feet of the property selected, and on this he promised his company would build a $\$ 100,000$ modern cold-storage plant. He also asked for a reasonable rental and a renewal lease, also that the taxable value placed on the plant at first be continued for a number of years. He wanted an answer at once to lay before his company, as he intemded to leave for England on the Allan Line steamer Numidian on Sunday after,noon. The Board of Works agreed to Mr. MeGregor's proposal and gave him a six months' option on the property he requested. It was intimated that the company 'would ship through St. John about a thousand ears of meat each month. Mr. McGregor has been on a trip through Canada, and it is understood that his company will have cold-storage warehouses in other countries.

-Mr. James A. Smart, Deputy Minister of the Interior, leaves this week for England to carry out the immigration plan which the department has been arranging for the last month or six weeks. Since it was announced recently that it has been decided to take over some 40 or 50 farmer: for the purpose of giving personal testlmony as to the agricultural resources of Manitoba and the North-West Teritories, the Minister of the Interior has, says an Ottawa letter. received many complimentary expressions of opinion with regard to the matter. The party will be compos ed of the following. who include many of the best known and most successful farmers in the northwest: -T. H. Met calfe, Westbourne, Man.: James Dal", Baldur: D. R. No ble. Blythe; K. Murchison, Souris; A. T. Whiting. QuAppelle: A. Stewart. Moosomin: Rev. J. L. Brown, Manitou: S. I. Head, Rapid City: Wm. Kothian, Pipestome; Hugh McGillivray, Cottonwood, Assa: John Dongan. Con mee, Assa: Josep'b Hagerty. Stony Beach, Assa.: T. (G. Pearee, Agricola. Assa. (Edmonton): John Templeton, Shoal Lake: R. C. Simpson. Rosser: H. C. Wellams, Kil donan: W. F. Sirrett. Neenawa: R. T. Tallmav, Wapella: R. K. Smith. Maskawata, Man.; Wm. Kendall, Morden, Man.; Eli Williamson, Indian Head; Capt. I. Leece, Holm-
field; John Cowan, Pilot Mound; C. J. Thomson, Virden; Robt. McCartney, Buffalo Lake, Moose Jaw; John Forsyth, Gl ndale, Man.; Thos. Howden, Qu'Appelle; Robt. Giles Prince Albert; John Miller, Indian Head; James Graham, Roseberry; W. Waines, Moosomin; C. C. Helliwell, Brandon; Arthur Kilburn, Neepawa; John Nicholson, Dauphin; W. W. Fraser, Emerson; J. E. Tuprner, Stonewall; Lyle Lawrence, Lilyfield, Robert Hall, Brandon; N. Wolverton, Brandon; W. T. Johnston, Wawanesa; Robt. Forke, Pipestone; J. W. Breakey, Souris; J. Y. Bambridge, Souris; Peter Campbell, Carman; Wm. Fulton and D. McVicar Portage la Prairie.

- At the annual meeting of the Harness, Hunters and Saddfe Horse Society, held at Toronto this week, Mr. J D. Allan urged the necessity of providing some profitable outlet for the goods that the best breeders produce. He rather startled the gathering by describing the immensity of the cattle trade of Siberia, where he saw the complete recognition of the value of every portion of the banimal. There their processes of utilization are so complete that what is considered offal in this country is made to return from 30 to 35 per cent. of the value of


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TEE CORPORATION OF OOLONIAL AGENOIES Toronto or Montreal.
the animal. In that country, which Canadians considered barbarous and which was so little understood here, 'such brogre ss has been madn that it was the greatest menace 15. the suce sis of the Canadian cattle trate, and our inadequate methods must be improved or Canada would mever be able to withstand the competition. In Russia. 4oo. the diovernment in tvery way encouraged the fine foreed of horses for which Russia is celebrated.
.-The Novoe Vremya, says a St. Petersburg cable, publishes an article in which it analyzes the new Russian Customs tariff which as promulgated January 28. The paper says the increase in rates over the existing tariff is 60 per teent. for the gr at majority of imports, and over 100 per went. for many important groups, among the latter bsing delicatessen and various manufactures of wood, leather


#### Abstract

and, metals. The tariff, it continues, is characterized by a more detail d differentiation, whereby the lower priced articles are taxed less than the higher priced ones, metallurgical products being particularly differentiated against. Among the new categories are electrical apparatus and biCycles. Differential treatment against imports ov rland tompared to those brought by sea average 20 per rent. ou conal, pig-iron, iron, steel-plated and metallurgical manufactures, machines and other instruments. The Novoe Vremya points out that all Germany's leading exports to Russia will be tax d under the new tariff 50 to 150 per ment over the treaty rates, and in conclusion, ohserves that Russia is nof sufficiently equipped for a discussion Iw'th Germany. -Premier Prior, of British Columbia, in Montreal this


Telegrams: "WARMNESS London."

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Chemical P1ant

## PRIOES AND PARTICULARS ON APPLICATICN.

Ke Speclal Prices to Danadians under the new Tarlff a
week, being asked regarding the assistance British CoIumbia would give the Grand Trunk Pacific project, pointed uot that the exact nature of the subsidy that the Government of British Columbia would be willing to grant in any company that secures assistance from the Federal Govermment to go through the Rockies will be in the form of a land subsidy. British Columbia was ready to assist any company that wound assist them in developing tatir lands. "I pointed out," said Col. Prior, "that Messrs. Mackenzie and Mann, the projectors of the Canadian Northern. had asked for assistance first of all, and if they wer able to get through the Rocki:s, British Columbia would assist them first of all. If, on the other hand, the Grand Trunk vecuned control of the Canadian Northern, or pushed a new line through of their own, the assistance promised the Canadian Northern would be given them."
-The difficulty of maintaining inter communication between Prince Edward Ikland and the mainland, und or pre cent conditions, is, says a Malifax letter, well illustrated by the sorry plight of the Government steamor Stanles, which thas been imprison d in the ice of Northumberland Strait since January 12. She left smmore ide on that date for Cape Tormeutin., N.B; but stuck in an ice fold off Sea Cow Head. She has been drifting up and down the strait, carried hither and thither by the tides and gales. and always held fast in the ice pack. On January 26 fourteen of the crew left the steamer, and after a periluus trip pver the ice managed to neach Charlottetown.
-We learn from Dawson, Y. T., that the shaft sunk in the Eldorado struck a second bedrock 65 feet below the first bedrock, with six feet of pay gravel running as high as $\$ 25$ per bucket. The strike is not far from the famous gusher, which is now under control. The new strike knocks out all theories, opening up remarkable possibilities. Other shafts are being sunk. If a lower bedrock actually exists the Klondike district repeats itself, judging from the pay found. It is claimed that there are still other strata below those found. The gusher when struck ran a stream three foet wide and soven inches deep at a rat of 34 miles an hour.
-Among the proposition affecting the canals now before the N. Y. States Legislature, says an Albany letter, is one to lease the canals to the company or corporation which is to build the Georgian *Bày Canal in Canada, so that they may come directly down through the Champlain Canal, thence hy the Hudson Rivor to New York. Assemblyman Graff, of Essex, is sponsor for this scheme. The proposition is to enlarg the Camplain Canal to twents one finet. to provide an ontlet to the set for the proposed Canadian ship canal that is to run from $G$ orgian Bay. along the ottawa River and Like Niptesing to the St. Lawrence River, to Montreal; thence to St. John's, and by way of the Richelien River to Lake Champlain, down the Champlain Canals to the Hulson River.
-During the year 1902 the following new buildings and

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improvements were projected in Winnipeg, according to the city inspector's report:-Total number of building per mits issued st!, re pr senting 1,000 buildings and alterations Of these 27 were not built, making the totals 822 permits :773 building*, as follows:-Residential-5.98 frame dwellings. consting $\begin{aligned} & \text { \$992, } 600 ; \\ & 21 \\ & \text { brick dwellings, , costing } \$ 223,\end{aligned}$ 450; ; b brick venter, costing $\$ 28,400$. Business buildings ${ }^{62}$ warehouses, stor houses and stores, $\$ 630,675$. Sixteen churches, schools, academies, etc.. \$247,600: 65 workshops stables, sheds, etc., $\$ 41,550 ; 205$ alterations, additions and improvemests, $* 200,650$. Tutal 973 buildings, costing $\$ 2$, 365,325.

Work will begin in the spring on forty-one new grain Cle vators for the Northwest Elevator Company. The new buildings will. says a Winnipeg dispatch. necessitate an expr nditure of $\$ 1,720.000$, and will increase the elevator rapacity of th. Province of Manitoba and the Territories by. $2,600,000$ bushels. One of the new elevators, the larg. rest, will be erected in Winnipeg. Fifteen will be pult up
in Manitoba, and the balance distributed at various points in the territories.

1-The inaugural address delivered by Mayor Lewis of Goderich, Ont., on his recent accession to that office, contains much of interest to that port. Goderich, he states, is the only town in 200 miles of shore line, and has greater thatural advantages than any of the Georgian Bay ports. Un instance is cited in which the steamers Rosedale and Stratheona, both with grain, left the Sault together, the Stratheona for Collingwood, the Rosedate for Goderich. The Rosedale reached Goderich, unloaded, and was at the Sanlt on her way back, before the Strathcona was repported at Collingwood.
-At a meeting of fruit-growers and business men at Burlington, Ont.. recently, it was decided to establish a canning factory at that point. The capital stock of the company will be $\$ 25,000$; $\$ 1,500$ of this has already been subscribed, and the canvassers recently appointed gave

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The otherCat will he inserted when received.

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every assurance that the balance would be collected without difficulty. The following were appointed a board of provisional directors and to secure a charter:-Wm. Kerns, ex-M.P.P., Geo. E. Fisher, Wm. F. Fisher, J. C. Smith, J. A. Jarvis, W. G. Pettit and W. H. Easterbrooke.
-We learn from Ottawa that Sir William Mulock again wrote the Postmaster-General of Great Britain, urging his consent to a reduction of the postage upon newspapers and periodicals passing between the United Kingdom and Canada, and renewing the application which he made when in London last summer, that, pending the decision of the United Kingdom to reduce its rate to Canada, the Dominion might at least be permitted forthwith to lower the rate on Canadian papers and periodicals to the old cocntry.
-From Washington, U.S., we learn that the Sundry Appropriation Bill, reported to the House on the 2nd inst., tearries an aggregate appropriation of $\$ 78,007,929$, which is $\$ 17,355,870$ more than the current appropriation. The sum of $\$ 100,000$ is appropriated for the demareation of tho United States and Canada boundary line.

1 -The New' Zealand postoffice has recently opened a postal agency at Fanning Island, and has advised the Post:ottice Department of Canada that parcels may be forwarded ito that island by way of New Zealand at the same rates of portage and the same regulations as apply to parcels laddressed to places on the mainland of the colony of New Zealand.
-A Washington, U. S., despatch of the 2nd instant reads: The House today passed a bill to authorize a resumption of the negotiations with Great Britain for the preservation of the Alaska fur seals, and to give the Shecretary of the Treasury authority, if a modus vivendi is not concluded prior to the opening of the pelagic sealing season this year, to exterminate the seal herd on the Pribyloff Islands, except 10,000 females and 1,000 males.
-The Russian Minister of War has finished the largest military barracks in the world in Warsaw, near the Geeman frontier. It will contain 38,000 soldiers, or two of the Russian army corps, covers nearly 200 acres, and bas all modern improvements. It cost over $\$ 8,000,000$, nearly double the amount appropriated for educational purposes.

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BEST QUALITY AT LOWEST PRICES.
Made in all the Latest Shapes and Designs, under the Preferential Tariff, \&e.


The "Fitzwell" orsex.


#### Abstract

-lt is understood that Messrs. Mack nzie \& Mann nave secured control of the Nova Scotia Central Railway, a line 74 miles in extent, which runs from Middleton to Lun n fourg, N.S. The road has a charter for an extension to the ,Bay of Fundy - Rev. Mr. Barr of London, who is making arrangemeits to establish an English colony in the Canardian west, bas paid over to the Department of the Int rior $\$ 4.500$. Fc prisenting the payments for 450 single homestead entrime -At a meting of the Cornell Electric Society at Ithaca, N. Y., this week, Prof. Frederick Bedell of the physics de partment of Cornell University announced a new discover in electric puwer transmission, whereby ap alternating and a direct current cay be sent at the same time. Experiments show grat economy, the amount of copper being


 --T. Armstrong \& Bros., furriers, Lindsay. Ont., have hasigned to J. E. Weldon. The liabilities are around $\$ 10,000$, with assets nominally the same.--G. W. Helwig, Hinwar merchant of Hanover, Ont.. has assigned to H. H Niller.-T. (i. Hastings, dry goods merchant of Ottawa Thas assigned, and the creditors will meet this week.-
Pearlman \& Aikens, general store of Orville, have assign'ed to A. Dale
-The failure of H. E. Bradley \& Co., who conducted (a large tailoring establishmint at Peterboro', Ont., will, it is feared, turn out none too well. Bradley, it is understood, has left the country, and is now in Chfeago, and The creditors have taken possession of the business and 'will wind it up. The liabilities are about $\$ 11,000$, while the stock is valued at $\$ 8,000$. Most of the creditors are
Toronto houses. Toronto houses.

## ' -There is a rush of emigrants to Canada, says a London

 rable, and it is believed by Canadian officials here that the stream of emigration will continue in great volume for a leonsiderable period. In Lancashire, Yorkshire and the English midland counties a rapidly-growing emigration movement is being guided with the object of forming an all-British colony near Battleford, in the Saskatchewanlvalley.

[^2]
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See New Samples for Spring, 1903.
Made in Glace Kid, Glace Calf, Box Calf, etc., for the Half Guinea and 12-6 trade.

Maker,
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Made specially for Canadian Market, has no equal in the World.

## A VALUABLE TESTIMONIAL

The good feeling which has long prevailed between the Presid:nt of the James Coristine Company, Limited, Montreal, and their numerous employees, was exemplified recently in a very happy manner by a presentation to Mr. 'James Coristine, of an oil painting of hims if from the 'easel of Robert Harris, C.M.G., the occasion being the completion and occupying of the statoly now building which now occupies the site of the former premis s of the longestablished firm. Mr. Coristine, who is a graceful speaker, was no less happy in expressing his appreciation of the testimonial, in the course of which he feelingly referred to the loyalty of his assoclates and employets in the business.

## FIRE LOSSES.

Vancouver, B.C., Feb. 2.-The Assembly Hall, Malcolm Island, destroyed. Elev.n members of a Finnish colony tperished.-Toronto, Jan. 30-Building occupied by Hally \& Boyd, rubbers, etc., and E. A. Rea \& Co., skirt bindings, badly damaged. The greatest damage was to the stock lof Hally and Boyd who occupy the lower flat, this being placed at between $\$ 3,000$ and $\$ 4,000$. The stock is worth about $\$ 15,000$ and $\$ 12,000$ insurance is carried in the Econo'mical, Traders' and Anglo-American companies. A. E. Rea \& Co.'s loss is estimated at $\$ 2,000$ and is covered by $\$ 10,000$ insurance in the London and Liverpool, Atlas and Royal companies. The Frank and Bryce company, thread and silk dealers, place their damage at 1,000 . They hold
'policies for $\$ 20,000$ in the Hartford, Norwich, and Union, and the North British and Mercantile companies. The 'damage was caused chiefly by water, that to the building itself being only $\$ 500$.-Sydenham, Ont., Jan. 30.-Thomas 'Leonard's barn, in Hartingdon Township, struck by lighttning and completely destroy d .-Frankville, Ont., 30.-The loarns of Wesley Soper, two miles east, struck by lightning 'and burned, together with 21 cattle, 30 'hogs, a thresher, two feed crushers and other machinery. Luss about $\$ 2,400$; 'insured for $\$ 800$.-Winnipeg, Feb. 2.-The Hudson's Bay Company's store at Fort Frances totally destroyed. An explosion occurred, blowing out the walls and roof of the building, and in a few minutes the ruins were a blazing tmass. Everything was burned. The cause of the explosion is unknown.-Brockville, Ont., Feb. 2,-The grocery store and dwelling of W. Johnston of McIntosh Mills were 'destroyed by fire. He had recently started business, and as absent from home when the fire took place. The con$t$ nts of the store and house were insured for $\$ 600$, and the building for $\$ 500$. The loss is estimated at about $\$ 3,000$.

- Brockville, Ont., Feb. 2.-A large building, valued at $\$ 3,000$, in the Village of Macintosh, destroyed by fire, in. 'volving a heavy loss to the owner K. G. F. Leader, who carried only $\$ 525$ insurance. Mr. Leader occupies one-half 'as a residence, the other half was leased by A. Johnston, 'general storekeeper, who also resided there. Mr. John\$ton's stock and furniture was distroyed. He carried an Insurance of $\$ 600$, which will not cover the loss. It is supposed the fire started from the stove or defective 'stove-pipes. Toronto, Jan. 31.-Residence of T. Hogg, tBracondale, burned, also adjoining residence occupied by W. E. Price. Mr. Hogg places his loss at $\$ 3,000$, with insurance for $\$ 1,700$. The Price house was valued at about
$\$ 900$, partly insured.


## A. WV. SIMMPSON \& CO.,



## WHOLESALE

 Boot and Shoe Manufacturers
## Millstone Lane Leicester, England.

Special prices to the Canadian Trade, under the New Tariff.


## LEGGAL RECORD

The following is a record of transactions and cases our Canadian courts of law, comprising Writs Issued and Judgments Rendered for sums of $\$ 300$ and upwards (Munt. real, 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 defene may exist in cases of writs, etc.

## WRITS ISSUED-ONTARIO

Allandale - Ontario Bank vs L. Brennan $\$ 456$; Goderich -R. S. Hays vs E. R. Swarts $\$ 600$; Hamilton-Gault Bros Ho. vs A. L. Penticost et al $\$ 3,341$; M. R. Mackay vs W. T. Wheeler $\$ 318$; London Tp.-F. B. Leys vs Ann Sifton $\$ 352$; Petrolia-Vaughan \& Fairbank vs T. W. Van Tuyl \$2,359; 'Van Tuyl \& Fairbank vs T. W. Van Tuyl $\$ 341$; TorontoFarmers' L. \& S. Co. vs Jas. and Susannah Stinson $\$ 1.850$;
T. D. Carroll vs Gilbent MeCaffrey et al $\$ 2,280$; Cardinal-C. Arnson vs Edwardsburg Starch Co. $\$ 1,500$

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damages; Guelph-Waterloo Mfg. Co. vs J. W. Atkinson \$ 300 ; Melberta-Gordon Mackay \& Co. vs J. T. Newton \$451; Oshawa-Dominion Syndicate vs Western Bank $\$ 6,518$; I'uce-P. M. Major vs Edward Lappan \$3,000; RaleighWliza Dickinson vs Wm. Seaman $\$ 600$; Sarnia-E. B. Mick lin vs W. F. Wrighton $\$ 311$; Toronto-G. F. Cashland vs Wohn Cicerie $\$ 798$; Tillson Co. vs Fairles Milling Co. $\$ 329$; R. Bennett vs. Alex. Mitchell $\$ 337$; Montreal-Bank of Montreal vs Arthur Prieur et al $\$ 1,684 ; \ldots .$. ...Mary S. 1 lman vs Hamilton, Grimsiby \& Beamsville Ry. $\$ 3,000$.

WRITS ISSUED-MANITOBA \& N. W. T.
Souris-Currie \& Burland \$1,368.
WRITS ISSUED-BRITISH COLUMBIA.
Morrissey-H. A. Kanouse and J. Drake $\$ 131$ and $\$ 311$.
JUDGMENTS RENDERED ONTARIO
Hamilton-G. Percival \& Co. agt E. A. Patterson $\$ 1,434$; Gault Bros. Co. agt A. L. Pentecost \& Co. \$416; Toronto-Merchants Bank agt Robt. Evans $\$ 750$; G. A. Sherrin, Jr. agt Elizth. A. Seager \$2,187; Trout CreekReinhardt \& Co. agt Julius Evers $\$ 328$; Rrockville-Adams \& Co. agt Thos. Clearihue $\$ 1,138$; D. Sacks agt A. J. Wisher $\$ 309$; London-Gault Bros. Co. agt E. E. Runians et ral $\$ 3,199$; Lucas, Steele \& Bristol agt E. E. Runians $\$ 2,611$; Ottawa-J. Luney \& Co. agt Bridget Dunn \$525; Lizzie Ofield agt Hamilton, Grimsby \& Beamsville Electric Ry. $\$ 900 ; \ldots \ldots-$ M. H. Furlong agt Hamilton Street
$\$ 850$.
JUDGMENTS RENDERED-QUEBEC
Danville-W. L. Pag agt W. H. Lymeh et al \$1.280; L vis-D. Champoux et al agt Arthur Robitaille $\$ 412$ Montreal-De S. Masson agt Augustn Charbonneau $\$ 1,116$; P. E. Duhamel agt Alex. Giroux $\$ 177$; G. J. Torrence agt De Julia Kannon et al $\$ 2,927$; J. A. Drouin et al agt L. N. Miller \$269; W. Strachan agt Jas. Murray \$432; R. L Goold agt De Ludivine, Parisseault et al $\$ 250$; Ottana, Ont ${ }^{-D e}$ Anna Ryan et vir agt De Rosine Malo $\$ 2,587$; Ship-ton-G. W. Adams agt Eli: Lason et al $\$ 355$; TorontoWastern Townships. Bank agt Henry MacFarlane $\$ 18,080$; St. Basile le Grand-De Eliza Racicot et vir agt J. D. La france et al $\$ 756$.

JUDGMENTS RENDERED-BRITISH COLUMBIA.
Victoria-G. E. Mesher, Jr. \$7,313.

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## EXECUTIONS-QUEBEC.

Cote St. Paul-H. Paton et al agt Gilbert Leduc $\$ 345$; Montreal-J. Kaplan et al agt Alex. Herchfied \$415; P. 'W. Ellis \& Co. agt R. A. Dickson $\$ 865$; F. Buller agt De Anna M. Morris $\$ 2,046 ;$ H. Graham agt De Emily Short $\$ 860$.

## CHATTEL MORGAGES-ONTARIO.

Dorchester-J. A. Morris and wife to W. F. Galloway $\$ 550$; Flamboro E. Tp-James Thompson and wife to W. L. Cummer $\$ 3,815$; Grantham Tp-Jaroob Ball et al to Can'ada Perm. Corpn. $\$ 1,442$; Hensall-J. V. Cook to W. J. 'Miller $\$ 800$; Kingston-M. J. Grady to R. V. Rogers $\$ 1$, 486; Times Printing Co., Ltd., to G. M. Macdonell $\$ 600$; London-W. G. Blake to J. O'Flaherty $\$ 2,500$; MasseyIda M. Campbell to D. M. Brodie et al $\$ 800$; Ottawa-L M. McCurdy to McCormick Mfg Co. $\$ 1,000$; R. T. Shilling. ton to T. Shillington $\$ 1,100$; Portland Tp-Ed. Tallon and wwife to W. H. Reynolds $\$ 550$; Seaforth-T. D. Levy to J. Beattie $\$ 550$; Shelbourne-Wm. Secker to A. J. McKillop $\$ 1,500$; Toronto-George Critall to Dominion Brewery Co. $\$ 1,429$; George Critall to T. B. Taylor $\$ 1,429$; J. S. Gile to Dominion Brewery Co. $\$ 2,028$; J. S. Giles to R. H.


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George Weed \& Son, Northampton, England.

Howard \& Co. $\$ 2,040$; Berlin-Edward Hollinger to Theresa Kuntz et al $\$ 1,900$; Bowmanville-Marcus \& A. M. Wildiams to M. Burk \$2,000; Brighton Tp.-M. J. and Thos. Cowan to Toronto General Trusts Corpn. $\$ 5,500$; Brockville $\sqsubset J u l i a ~ S . ~ S h e r w o o d ~ e t ~ a l ~ t o ~ H . ~ A . ~ S t e w a r t ~ e x r . ~ t r u s t e e ~$ $\$ 566$; Cobourg-H. G. Snelgrove et ux to W. P. Hoskin \$702; Galt-W. D. Reid and D. J. Fleming to G. Hancock $\$ 8,100$; Guelph-L. H. Collingridge to Sleeman Brewing \& Malting Co. $\$ 2,700$; Hagusville-J. C. Bowman to J. H. Salter $\$ 1,051$; Hamilton-Nelson Pitton and wife to J. Gompf $\$ 1,560$; Harri sburg-N. B. Card to F. Wetberg $\$ 846$; Harwich-James Guild to J. F. Guild \$1,698; Matilda Tp $\overleftarrow{H}^{-W}$. D. Rutherford \$700; Oshawa-F. E. Hallitt and H. E. Bradley to Anna Zryd \$2,593; Ottawa-D. A. Davidson to W. J. Kennedy $\$ 1,000 ;$ D. A. Davidson and wife to Darwes \& Co. $\$ 2,000 ;$ D. A. Davidson to Florence Donovan $\$ 5,000 ;$ Smith Falls-I. C. Grant to D. F. Wood $\$ 2,400$; Toronto-Robt. Falconer to Dominion Brewery Co $\$ 3,063$; Robt. Falconer to T. B. Taylor $\$ 3,063$; Ellen Melbourne to Dominion Brewery Co. \$2,567; Geo. Oliver to Warren Bros. \& Co. \$622; Westport-Mrs. L. E. Lawson to P. McParland $\$ 4,500 ; \ldots \ldots$.-Palmerston Pork Packing Co., Ltd. to Bank of Hamilton $\$ 10,000$.

CHATTEL MORTGAAGES-BRITLSH COLUMBIA.
'Hatzic-J. J. Wells \$2,985; Vancouver-J. W. Massey $\$ 3,000$; Victoria-A. Rustą $\$ 4,000$.
H. RERNGTEIN $\begin{aligned} & \text { 2, Moor Lane Fore St. } \\ & \text { LoNDON E.c. }\end{aligned}$ Man LONDON E.C., Eng.
Manatacturer of the cheapest SHOES and SLIPPERS, all hand sown, in England, for the Canadians, onder the New Tariff.


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BILLS OF SALE-ONTARIO.
Midland-W. H. Smith and R. J. Moffet to Wallace $\&$ Letheriby $\$ 2,000$; Ottawa-Ottawa Mantel Cio. to Eliz. C. MacColl $\$ 1,200$; Parry Sound-Parry Sound Lumber Co. to Skillings, Whitney \& Barnes Co. $\$ 58.218$; Brockville-Mary A. McCormick to Matthew E. Davis $\$ 700$; Galt-Gen. Hanloock to Reid \& Fleming $\$ 8,000$; Ottawa-C. W. D novan
and wife to D. A. Davidson $\$ 8,000$; Jos. Barrette to and wife to D.
Spenard $\$ 1,140$.
favorable, the loss ratios being, as a rule, much below those of the last three years. The life companies are making good progress, but the Canadian ones find it a hard fight to make muc'h headway against the competition of the American organizations. The anticipated application of the Grand Trunk Pacific to Parliament for monetary aid in some form, such as, a direct subsidy; endorsement of fonds; or, subscription to shares, is likely to mett with vigourous opposition, which promises to be offered independently of party lin s . Subscription to shares seems to be expected, which is tantamount to a subsidy, as all the experience of governments as stockholders shows. There iis a good deal of attention being centred un Consols, which are down to 93 , in spite of heavy purchases by the Goverument. This is the year when the interest on Cousols is to be reduced, which, no doubt, has ben discounted ffor some time past. The Venezuela dispute has been 'utilized by the bear element to depr. ss the mark $t$, but "it is generally regarded as'a mere scare-crow. That Republic is in debt to England, Germany, France, Belgium, Italy, a pretty strong combination, if they were in unison, but each one differs from the others about his rank as a creditor. It will take all the revenue of Venezuela for years to pay its debts, so we shall have this question on 'hand for a long time in the future.

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- The U.S. has more money in circulation this week than ever before, the amourt being $\$ 2,355,738,834$, which is 100 millions more than in 1901, and $\tau 00$ millions more than in 1597. The local stock market has been liféless, but there are signs of a movement setting in that may enable the new members on Change to pick up a living. Pacific fluc'tuates betw.en 137 and $1371 / 2$, but little is being done. Dominion Iron, 55 , preferred $943 / 4$; Montreal Power 90 to 91 ; Richelieul $1023 / \mathrm{s} 10: 1021 / 2$; Marconi 110 . Bank stock, Union 135; Molsons 276; Commeree 160; Merchants 170; Montrival 275; Dominion 2463/3; Toronto $256 \frac{1}{2}$; Imperiai 2371/4, British America 99. The sales of bank stocks were trifing. In London th Bank rate is 4 per cent., and in open market 3 to $31 / 2$. In New York call money is $21 / 2$ to 3 per cent., wh ch is cau-ing dissatisfaction with the 6 per cent. charged in this city. Paris, exchange on London, $25 f 141 / 2 \mathrm{c}$; Berlin $20 \mathrm{~m} 491 / 2 \mathrm{pf}$. Local foreign exchange, 60 's, $91 /$; demand,' $913-16$. Money rates unchanged but are likely to be lowered at an early date.

The following is a comparative table of stocks for week ending Feb. 5, supplied by Chas. Meredith \& Co., Stock Brok rs, Montreal:

Banks
Average
same
date
Banks. sold. Hig'st. Lomw'st. 1902.
Toronto.
Merchants..
Commerce
Hochelaga.
Union.
Queb"c
$\begin{array}{llll}37 & 170 & 170 & 1451 / 2\end{array}$
$\begin{array}{lll}52 & 1611 / 2 & 160\end{array}$
$\begin{array}{lll}17 & 137 & 137\end{array}$
$\begin{array}{lll}35 & 138 & 137\end{array}$
$9118 \quad 1161 / 2$

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## Jessop \& Appleby



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London Steam Crane Works, LEICESTER, Eng.
22 Walbrook, LOWDOW, E.C., Eng. Oable: "JESSOP, LHIOESTER,

# MONTREAL WHOLESALE MARKETS. 

Thursday Evening, Feb. 5, 1903. The fourth of February has been looked upon so long as a sort of barometer of spring credits in dry goods and kindred lines, that even the general prosperity of the past few years has scarcely permitted its significance to rade away. But with a few more such seasons these "setthing days" will have entirely lost their old-time intenest, for cash or speedy settlements are becoming so common as to take from these their chief feature. Prominent ,wholesalers state that in many cases country merchants are in a position to pay cas'l and take advantage of the discounts, and long credits have passed away. While there
had been a few renewals in January, they had been so trifling as to occasion little concern. Speaking generally, the country trade is in a most prosperous condition, due largely to the introduction of up-to-date methods. In other branches there are few changes. Hardware 'trade is opening up brisk with prices tending to firmness. Leather is in much better movement. Dairy products are tdull and a shade easier in price. The egg market is loadly demoralized but the law of supply and demand will soon set things right. Groceries are quiet, with advances khown in rice and some lines of canned goods. Turpentine is again higher. Cod liver oil is dearer. Wool showed a slight decline at close of London auctions.

# U. $\mathbb{E H P M L A N \& ~ C C O}$ 

Attercliffe Steel Works and Wire Mills,


## Butte

 Yactory. ing bein ing. Tl more an curing Choicest makes aquality
Held at ness pas at $171 / 2 \mathrm{t}$
in large handle.

Cheese
mess, exe
at $121 / 2 \mathrm{c}$
Dresse
and hung ing quick 13 to 14 c geese, 10
rabbits is
ed at 10
Drugs.
Borax sti the comb potash is
bances in from the peting ba to or thr

# Joseph Dawson \&e Sons, LONDON, ENGLAND. 

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## NORTEAMPTON AND TONCESTER

Butter.-The market has been very quiet and unsatis Yactory. The movement is very small, the only trade passing being in a local way, few or no outside orders arriv ing. The feeling apptars to be weaker, holders being more anxious to sell and buyers have no difficulty in securing desirable stock at $1 / 2 \mathrm{c}$ under last week's prices. Choicest Oct. creamery is quoted at 20 c to 21 c , with earlier wakes and winter goods offering at 19 to 20c. Summer stale quality is hard to move, with no regular values ruling. Held at 18 to 19 c . In dairy there is a satisfactory bus: ness passing, choice fresh solids meting with good sale at $171 / 2$ to $181 / 2 \mathrm{c}$. Under grades sell at 16 to 17 c. Rolls are in larger supply, the market receiving more than it can handle. Sales 17 to $18 \frac{1}{4}$ c.

Cheese.-Somewhat slow and dull market with little busimess, except on consignment. Finest Sept. and Oct. quoted at $12 \frac{1}{2} \mathrm{c}$ to $131 / \mathrm{c}$. Under makes are offering at 11 to 12 c .

Dressed Poultry and Game.-The market is still short and hungry, all varieties $\mathrm{p}^{2}$ eeping active and receipts moving quickly. Turkeys are worth 15 to 16 c lb .; chickens 13 to 14 c lb .; fowls 12 e to 13 c lb .; ducks 13 to $131 / 2 \mathrm{c} \mathrm{lb}$.: geese, 10 to 11 c 1 lb --Partridges 90 c pair. The season for rabbits is clos:d, and stock on the market is being offerdd at 10 to 12c pair.

Droes. - Wholesale trade was very quiet during January Borax still keeps low in price, but there is a rumor that the combine may shortly advance quotations. Bromide of potash is still running at a low level. Some internal disturbances in the syndioate have resulted in prices falling from the high level, and they are now down to a competing basis with that of U. S. dealers. There have been to or three advances in cr. tartar lately. Gum arabic is *till quoted very low, and is well worth the attention of
buyers. Menthol keeps high in price. Oib of peppermint holds very firm. The mint crop, as is known, was extrimely short, the U. S. production being only about '135,000 pounds, as against an anuual consumption of $250,000 \mathrm{lbs}$. In Japan there is a shortage of $50,00 \mathrm{lbs}$. In October last the prices jumped from $\$ 2.45$ to $\$ 4.75$ a pound. Opium is flat; so also is quinine. Tartarle acid is a little firmer. Citric acid is very firm.

Egas.-The market is still demoralized, with lange offerings and an unsatisfactory business passing. Held stock is showing a wide range in price, and largely depends on quality. Some sales are heard of down to $71 / 2 \mathrm{c}$, but bulk of stock offering appears to be held at 12 to 14c. New laid are ariving more freely and are being offered at 2 to 30 ldoz, under last week's prices. Sales to-day at 20 to 22 c .

Fish.-Supplies are ample and with a good demand ail 'dealers are experiencing satisfactory trade. Salt herrings are not meeting with the usual demand, and are lower by about 25 c per barrel. Quotations as follows:-Salt Fish-Lock Fyne herrings, $\$ 1.15 \mathrm{keg}$; new Labrador do., brls., 05; do., half-brls., $\$ 2.75$; green cod, No. $1, \$ 6$; do, No. 2, $\$ 4.75$; large, $\$ 6.50$. Fresh fish.-Cod in cases $31 / 4 \mathrm{c}$ lb.; less quantities, $31 / 2 \mathrm{c}$; haddock, $31 / 2 \mathrm{c}$; steak cod, heads off, $41 / 2 \mathrm{c} \mathrm{lb}$.; fresh frozen pilke, 4 c ; fres'h pickerel or dory, 6 c ; white fish, 7 c ; lake trout, $71 / 2 \mathrm{c}$ to 8 c ; hallbut, frozen B. C., 9 to 10 c ; salmon, do., 9 to 10 c ; Qualla salmon, cases, 7 c, less, 8 c ; smelts, 15 to 25 lb . case, 8 c lb .; mackerel, fresh trozen, 15 c each; fresh frozen herring, large, $\$ 1.50$ per 100 count; medium, $\$ 1.35$ per 100 count. Frozen tom cods, $\$ 1.90$ per barmel. Salt eels, $61 / \mathrm{c}^{\mathrm{c}}$ per pound; kipper${ }_{\text {tweights, }} \$ 6.50$; cranberries, dark Cape Cod, per brl., $\$ 14.50$; extra fancy Nova Scotia, per brl., $\$ 10$; fancy N. S., per brl., $\$ 9.50$; $16-\mathrm{tb}$. boxes do., $\$ 1.50$; apples, choice Fameuse per brl. nes (case of 3 doz. cartons), \$3.50 per case. Stan-



#### Abstract

dard bulk oysters $\$ 1.40$ per gallon; medium do., $\$ 1.50$, and selects; $\$ 1.60$ per gallon. Smoked Fish.-Herrings, 15 c per box; finnan 'haddies, new stock, 6 c per lb.; Yarmout'h bloaters, $\$ 1.10$ box; St. John bloaters, 90 c per box. Kippertd herring, 90 per half-box. Prepared fish-Boneless cod, in brickr, 6e lb.; boneless fish, in bricks, 5 c ; dry cod in cwts., $\$ 4.75$ per chwt.; skinless cod in cases, $\$ 5.00$ per case.


Flour and Feed.-There is a good local demand for both, with prices unchanged from last week's figures, as shown on another page. There is shown the usual irrita*ion in wheat centres, but following each shake-up, prices are fully as high or higher. Bakers have advanced prices of bread, while those who use coarse feed for hogs, poultry, ete., find ready and high markets for their stock. Baled


#### Abstract

hay in good demand and prices without change. We kyote:-No. $1, \$ 9$ to $\$ 10$; No. 2, $\$ 8$ to $\$ 8.75$; clover, ..6.50 to $\$$ i per ton, in car tots. Winnipeg closing prices of No. 1 hard Manitoba wh:at, 74 c ; and No. 1 northern 72 c , in etore January.-A Winnipeg report. under date of Feb. 7 , say:- There were $4,469,493$ bushels of wheat in store at Fort William and Port Arthur, on January 23. Receipts for the week were 352,904 bushels and shipments 174,376 bushels. A year ago stocks in store at Fort William were $4,115,602$ bushels. Stocks in store at Fort William, Port Arthur, Keewatin, Winnipeg and interior points are estimated approximately at 16,589,000 bushels, compared with 14,985,000 a year ago; 5,207,000 bushtls two years ago; 8,700,000 bushels three years ago, and $8,200,000$ four years ago.-Chicago, Feb. 4.-Flaxseed, cash,' northwest; \$1.22; cash, southwest, \$1.16; May, \$1.22.


## WILKINS \& DENTON,

## Boot Manufacturers \& Curriers, <br> Contractors to all departments of $\mathrm{H} . \mathrm{M}$. Goveroment.

## London, Manchester, Rushden \& Irchester (Northants)

Makers of the celebrated Registered Brands
THE "POSTMAN'S BOOT."
THE "W VD RAILWAY BOOT:"
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EXPORTERS to all Markets ; goods carefully dried and packed. English, Colonial, Ameriean and Continental shapes and styles. - SPECIALITIES:

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All pommunlations to Chief office: 42 , Basinghall St., London, E.O., Eng,

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East Bond Street, - LEICESTER, Eng.<br>-manufacturers of-<br>High and Medium Styles of BOOTS and SHOES.

$331 / 3$ p.c. cheaper than other Countries, under the New Canadian Preferential Tariff.

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Modern,


Green Fruits, Eto.-Trade is quiet, and as a natural consequence goods are being offered at lower margins of profit. Lemons are quoted 25c less per box. Quotations:California cauliflowers, $\$ 3.25$ per large crate; oranges, Valentias, 420 size, ordinary $\$ 3.25$; 714 size, large cases, $\$ 4.25$ to $\$ 4.50$; California navels in boxes, sizes to box $96,112,126,150,176,200$ and $216, \$ 3.50$; Jamaica orange ${ }_{5}$ in boxes, 150,176 and 200 size $\$ 3.00$; lemons, extra fancy new Mesina lemons $\$ 3.00$; fancy do, $\$ 2.75$; choice do $\$ 2.50$; 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 'weig'ts $\$ 6.25$; cranberries, dark Cape Cod, per brl., $\$ 14.50$; extra fancy Nova Scotia, per brl., $\$ 10$; fancy N.S., per brl., $\$ 9.50$; $16-\mathrm{lb}$. boxes do. $\$ 1.50$; apples, choice Fameuse per brl. $\$ 4.50$; finest Spies, $\$ 4.00$; Greenings, fair to good stock 'for immediate use, $\$ 2.50$ brl.; finest Baldwins, Russets, etc., $\$ 3.50$; sweet potatoes, double head Jersey, per bbl., $\$ 5.50$; loaskets do, about 50 lbs . $\$ 2.50$; pineapples ( 25 to case), $\$ 5$; figs, 5 crown, 18 lbs. to box, $131 / 2 \mathrm{clb}$.; 4 crown, 10 lbs . to box, $121 / 2 \mathrm{c}$ lb.; 2 crown, 1 lb . boxes, 13 c ; bananas, Jamaica fruits $\$ 1.25$ to $\$ 2$; tangerines, $1 / 2$ boxes, $\$ 3.25$; tomatoes, six basket crates, $\$ 5.00$; dates new golden, $41 / 4 \mathrm{c}$ per
lb.: nne pound packages, $61 / 2 \mathrm{c}$; levaporated fruits, apples, 50 lb . boxes, $61 / 4 \mathrm{c}$ to 7c; Calif. apricots, 25 lb . boxes, 12 c ; California pears, 25 lb . boxes, 13 c ; California peaches, 25 lb. boxes, $91 / 2 \mathrm{c}$; do. prunes, $40-50,9 \mathrm{c}$; do., $50-60$, 8 c ; nuts, new Grenoble walnuts, 13c; Taragona almonds, 13c; Sicily filberts, 9c; Jumbo pecans, 17c; large pecans, 16c; peanuts "Bon Ton" roasted, 11c; Sun, 10c; "G" 9c; Coon, $71 / 2 \mathrm{c}$; shelled almonds, 28 lbs . to box, 28c; cucoanuts, new ( 100 to bag $\$ 3.50$; California celery, $\$ 5$ crate.

Green Hides.-No ehange in quotations. While prices are low in the States it is not expected that they will reach a lower level here. Lambskins are unchanged.

Groceries.-Sugars unc'banged. Molasses, as previously reported, holds firm, with prospects of higher prices owing to short crop. As a result, demand has been better. There is no change in fruits, currants, raisins and prunes ruling about the same. There is prospect of higher prices for sinegar, owing to the new arrangement among makers, which came into effect Feb. 1st. This is likely to at least stop cutting and sustain prices on regular basis of 25 c for $\mathrm{x} \times \mathrm{x}$. There is a firm market for corn and peas, the latter being in brisk demand, and quoted up to $\$ 1$; corn

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and
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90c. Tomatoes are out of the question, quotations being \$1.50. l'eaches, No. 2 are quot d at $\$ 1.75$ doz'; pears No ?. $\$ 1.50$; raspberries and strawberries, $\$ 1.50$. The market fror sago and tapioca is a little firmer lately, having advanced $1 / 4 \mathrm{e}$ from the unprecedent dly low price of $21 / 4 \mathrm{c} \mathrm{lb}$ Rice has been advanced by the mills 10 c per 100 lbs . as a result of s'bortage in supplies. There is also a probability of a further advane ; mills are refusing to contract for the present. Rolled oats rule about the same; $\$ 2$ per bag in car lots and $\$ 2.20$ for single bags. Beans show little change, being sold at $\$ 1.90$ to $\$ 2$ for hand picked, in car lots and $\$ 2.20$ to $\$ 2.25$ for single bags.

Hardware.-But few changes in values. L. \& F. tin is *lightly higher at 32 c and strip tin is in a like degree at 33c. Prosptcts for supplies of structural iron and steel for the coming season are uncertain. Some Canadian manufacturers are sold four months alyead, and there is a difficulty in securing prompt deliveries. In the rush of orders makers are quite naturally. nclined to give preference to such as can be turned out in largest proportions or bulk within a given time. Prices are firm.

Leather and Shoes. -Jobbing leath $r$ is still in short tsupply. Prices are unchanged under a good movement,
both locally and for export. There is also shown a decided "pmrovement in the movement of light leather. The situaliton promises well.

Olls, Paints, Etc--Turpentine is very firm the inside price of $871 / 2$ give n last week no longer being quoted. Regular quotation is now 90 c . Nfld cod liver oil, Norwegian process, has further advanced, being now quoted at $\$ 1,50$ to \$2. Latest English advices quote Norway at 200s to 220s. Paints are unchanged.

Provisions.-The situation of the local market is umchanged from last report. Frozen hogs are arriving freely and the feeling is inclined to favor buyers. Sales average $\$ 8$ to $\$ 8.25$, and $\$ 8.50$ to $\$ 9$ per 100 lbs . for fresh killed abattoir stock. Cured meats are in better inquiry. but prices hold very steady. Quotations are: Heavy Canadian short cut mess pork \$24: Canada short cut back pork. $\$ 23$ to $\$ 23.50$; light Canada short cut clear pork, $\$ 22.50$ to $\$ 23.00$; finest kettle lard $20-1 \mathrm{lb}$ pails $121 / 4 \mathrm{c}$; extra pure lard, in $20-\mathrm{lb}$. pails, $103 / 4$ to $111 / 4 \mathrm{c}$ : choice refined compound lard, $81 / 2$ to 9 c ; Boar's Head brand. in 20 lb . wood pails, $\$ 1.95$ to $\$ 2.05$; Globe at $\$ 1.75$ to $\$ 1.85$; $20-\mathrm{lb}$. tin pails, $1 / 4 \mathrm{c}$ less per lb .; hams, 12 to 14 c ; and bacon 14 to 1 丂̌ lb .
W. \& J. Pegg,


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## -The National Iron \& Nickel Corporation, feapital $\$ 5000,000$, has been incorporated, with Toronto men as directors.

-The Sup rintendent of Government creamers in the North-West, reports that eighteen creameries will be in peration this yar. Much of the boutter is being shipped to Japan in 14 ard 18 -pound boxes, and finds a rady sale. Over 21,000 dozen eggs ware collected from creamery patrons in the North-West last year, and brought an average of 20 cents a dozen in Calgary


WINDOW GLASS IS SUCCESSFUL
The organ of the American Window Class Company published at Pitts- MONTREAL, - Que.

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## Orson, UURIGht \& Sons,

62 and 63 Basinghall St., LONDON, E.C. and South Wigston, LEIC ti: TER, England.
blowing machine situation as bearing on Gas Cit'y's future:
"There are now twelve blowing machines installed at the Alexandria, Ind.. factory of the American Window Glass Company, which are able to work out glass of the fifty-four blower continuous tank. The first glass made by the machines was thin, and excellently fitted for photograph plates and picture glass, but experiencee has made it possible to make both single and double strength glass. The fact that an additional series of twelve machines have been ordered for the fifty-four blower tank at the Gas city Works of the American Window Gilass Company, that it has been decided to thoroughly equip sald factory with machines as rapidly as they can be constructed, should be sufficient to prove thatt the" machines are past their experimental stage, that their efficiency has been demonstrated, and that practicability has been estaiblished tho the satisfaction of the cautious and experienced window glass
burg has the following to say of
manufacturers who have shown their and. Of these seventen thousand peofaith in the enterprise by backing it ple, the vast majority had never seen a with their money. The machines are mining camp before, and, becoming una combination of the patents of J. H. duly elated and excited by the large Lubbl. rs of Pittsburgh and R. J. Pease quantities of gold brought in from the of Minneapolis, the officers of the creeks by the old-timers, and confident American Windonv Glass Company hav- that they themselves would share the ing boughtt tiwo of Mr. Pease's gnound same good fortune, they spent their patents, without the use of whose monty very recklissly. In fact, the old"bait" sheet glass cannot be eiths timers themselves spent money even drawn in sheets or in Cylinder form." more recklessly than the new-comers. The very fact of so mirch money being in circulation assisted materially in making high prices. This, coupled with the fact that only the richest claims were being worked, and were paying enormously, even with the lack of transportation facilitis, created very "bigh and fictitious values.
It was not possible that any community could remain at such a high tension. The inflation must sooner or later subside. Since 1898 business generally has been tending to a normal basis. For instance, in 1898 a landlord expected to recov $r$ the value of his building in a few months' rent; certainly 'he expected

## IN THE YUKON

In the early days of the Yukon min ing camp, tspecially in the early sumnler of 1898 , writes a Dawson City cor respondent of the Globe, values became much inflated. On the 16th of July of that year a census of the town was taken, which showed that on that day there were nearly seventeen thousand people in Dawson. Of those, nearly every one had more or less money, from a hundred dollars to a ferv thous-

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at that time the cost of building was so high and the risk of fire was so great, without any facilities for fighting the same, that an enormous return on investment was demanded. To-day, with the cost of building much less, with improved buildings, adequate fire-
Hams, Bacon, Bottled Fruits, Pickles, Sauces, Jams, Etc., fighting apparatus, and an efficient fire department, the attendant risks are reduced to a minimum, and rents have dropped from 40 to 50 per cent. and in some cases even more. Nevertheless, building will pay now from 30 to 50 per cent. on investment, which is very much higher than generally obtains on the cutside. Again, in 189810 per cent. per month was demanded for money. To-day the rate is from one and onehalf to 4 per cent. per month. Now, of what is this significant? Is it in any way indicative of decilne in the terrtory, or is it that business is merely getting down to a solid basis? I hold the latter.
A great many men have left this territory with fortunes who probably obtained 100 per cent. interest or more on investment, and who left because interest on investment was dropping to half that amount, and, in their opinion, of course, the country was going to the dogs! There is another class of men who made a living very easily in the early days, when money was practical. ly thrown away, with no exertion to themselves, and who have become so unused to anything like work that they loaf aboft, complaining that there is no money in the territory, and that its days of prosperity are over. There is still another circumstance which has contributed in no small degree to discredit this Territory, and that is the number of English companies that have invested here and lost their money. The reason. is not far to seek. Firstly, the men sent in to represen't these companies were, with few exceptions, unfit ted for the work. Secondly, conditions here were so different from anything hitherto experienced. Thirdly, in a number of instances, money was spent by agents in riotous living and gamb-

## LATEST DESIGNS.



GOODYEAR WELTED AND MK.S.
ling. Fourthly ,fabulous prices were paid.for properties not worth half the amounts paid, and the result was loss, and another result, the Territory was more or less discredited.
Further, this camp is developing more and more from a winter to a summer camp. In the early days the dirt was taken out of the ground in winter by very primitive methods, and in summer was washed up, thus entailing the handling of the same dirt twice. With improved methods far the grat r amount of dirt is being taken out in summer and washed up as it is taken out, thus saving the cost of the second handling. What is the result? Large areas of dirt that could not be made to pay formerly can now be worked at a profit. But what does this mean? It means that this territory in winter is less active than formerly. During the last year something over twelve millions of dollars were shipped out of the territory. Every stage leaving Dawson now takes out passengers with more or less money, thus decreasing the amount of money in circulation in Dawson, and during the past month thousands of dollars bave been sent outside by people here to their friends for Christmas remembrances alone. At the same time, although more or less work is going on up the creeks, no gold is being produced-that is to say, it cannot be washed until spring, with the result that the money market is tight and merchants are more or less complaining. Is this significant of decline? I do not think so, because as each summer comes just so much more work will be done during the summer months, opening up a greater area of ground at a lesser cost, and summer work will be carried on quite six months in the year.
I have rectted briefly some reasons why the opinion might prevail that this


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territory is on the decline. Now what are the actual conditions prevailing here? As I have already stated, the fabulously rich claims discovered early have been more or less worked out; but instead we have a far larger area being worked in the vicinity of these same rich claims; and in addition, camps are scattered all over the territory. During the past year from fifteen to twenty very important discoveries were made, some of which, it is almost certain, will develop well, and one or two of which are already assured. To-day, instead of a population centred around Dawson only; we have the upper Klondike, some hundred miles up, being prospected by a few hardy miners; we have t'he old Forty-Mile district, at one tim. practically abandoned after the very rich strlke here, being developed by a large number of men with sure results; we have the Stewart River district, with a large number of producing clalms; we have the Clear Creek district, which is situated some hundred miles up the Stewart River, showing up well; we have the Duncan Creek district, some hundred miles beyond Clear Creek, with two or three hundred men working there, who have already obtained such results as assure the future of the district; we have the Hootalinqua district, which, though somewhat backward, has shown that ground can be worked to advantage upon a large scale; and we have a great number of small parties scattered all over the territory, some hundreds of miles away, the results of whose work we hảve not yet heard. And you will bear in mind; now, that I am speaking only of placer mining. Only a few days ago an old-timer or "sour dough," as they are called, who has been in the territory since 1887 , fifteen years, said to me: "They can talk of the best placar claims being worked out, but I tell you that they will be working just as good placer ground right on Bonanza Creek twenty years 'hence as they are

## M, GOLD MNNERS DRILL STEEELS <br>  SHEFFIELD. ENGLAND <br> Sole Manafacturers of <br> HOBSON'S "CHOICE" <br> (XX) Extra Best \& "Warranted" Best <br> Cast Steels, <br> FOR TOOLS, \&c., \&c. <br> HOBSON'S "CHOICE" Extra Quality NEEDLE WIRE, as supplied to leading consumers for 90 years, in the United States of America. <br> 3 pacialty for Machine or Hand Drilling <br> Steel Fl -rgings And Castinge. <br> Horse Rasps, Files, Etc. <br> Sole Manafacturers of <br> "SOHO" Special Self-Hardening Steel Best and Cheapest on the Market. <br> Canadians have $331 / 3$ p.c., In their favour, by purchasing there English goods from us, under the new Canadian Preferential Tariflt <br> \author{ New York 0ffice and Warehouse. 

} Established upwards of 100 Years.of a short time until large holdings will be developed through large corpo rations by hydraulic or dredging processes. It has already been demonstrated that both hydraulicing and dredging can be carried on here with very large profits. Capital is a little shy of Yukon at present, but those of us who are ready to "stay with the country" are not all alarmed, because we believe that capital is coming sooner or later.
There is also the question of gold quartz. We have not yet demonstrated that we haye a paying quartz proposition, for the reason, I think, that no quartz ledge has ben sufficiently developed, and not because the quariz does not exist. The develop a quartz mine tak:s a great deal of money, and the risks attendant are so great that

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not many people of moderate means little. There are so many hundreds of care to invest their money in so great miles of low-grade placer ground, which an uncertainty. Up to the present time year after year, with improved transmost of the work done upon quartz portation facilities and the consequent propositions has been performed by cheapening of supplies at the base of old-time quartz men, and there are several of them here who discovered some of the best veins in British Columbia. Every day, howev $t$ r, increases the area of quartz prospecting and development work in the territory. Several thousand quartz claims have been recorded in the Gold Commissioner's office, but what can be termęd a paying mine has not yet developed. Work, however, is going on more and more, and I feel confident that it is only a question of time until we find ourselves in the middle of a quartz boom. There are a few "croakers" who think it is coming too slowly, but I do not think it likely that these same croakers have dgne very much to help the good work along, and nere again we must wait a

Camada and the United States, who in the firm belief that there is oil in the territory are sinking well after well, in the hope of striking it. Many, no doubt, will losel their money; some have already sunk not a few dollars in dry wells, but that is the fater of the prospector in oil, as well as the mining prospector. In every oil field it has, been the same, the first strike of oil, the rush of oil men to prospect the neww territory, the eagerness to secure leases or options upon thel land around, developmetat work, disappointment in lots of cases, fortunes to the fortunate few, and finally the field becomes a steady oil-producing territory. This is what appears to bei going on in Raleigh Township.
There are those who have put down wells and found nothing who say there is no oil in the territory. There are bthers who, without finding oil in paying quantities, consider the indications Real Turite Soup \& Turtie Jelly,
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 finesc Imported Live Tartle, and vastly saperior to any forms of Meat Extract.

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


## Patent Automatic Power Heel Breasting Machine．

good enough to justify them in con－ tinuing to expend money in putting down wells．The one indisputable fact is that one well，the Gurd gusher，so－ called，has prodlced several thousand of barrels of oil，and there seems to be little doubt that it will continue to produce，though in what volume no one can tell．A gusher，it is true， does not make an oll field，and no gusher remains a gusher very long； it belcomes what the ofl man terms a pumping proposition．Such is the Gurd Gusher now．
Prospecting has been going on in the Township of Raleigh over a dis－ tance of ten miles from north to south， and about three miles from east to west，but the principal sinking has occurred in a space like a thalf moorn north，east and south of thel gusher． and outside of the territory which was secured by the man who first became interesteld in thee Gurd gusher．It would lbe too much to say that oil in paying quantities has not been found in the district apart from thei gusher， but as yet no other well has vielded oil in sufficient quantities to warrant shipping．As anyone familiar with the oil business fis aware，wells that pro－ duce five，four，one，or evem half a barrel of oil a day are paying propo－ sitions，but they have to be worked all together，a large number of wells heing pumped by onellengine．The Ra－ leigh field has not reacheld thait stage of development vet．Whether it will or not is for the future to decide，but one thing is cortain－－many practical oil men have faith in the field．
There are in Canada to－day netarly ten thousand operating oil wells．Pe trolea has 8.000 wells，Dutton 95，Both well 205，Northwood 17，and Oil Springs．Euphemia and Smith＇s Falls approximately 1.000 wells．These pro－ duce about 42.000 barrels of oil a month，and some of these wells have been producing in small quantities for considerably over thirty vears．The oil fields，in some places，are in a very well aral within the best wells in Both－ well aral within 200 acres，and more than threenquarters of the production there is within 150 acres．Thiesel fig－ nres show that it is a group of small wells rather than two or three large wells that yield oil in paying quanti

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twells there, every practical oil man lexpects that, and it does not prove that a large percentage of the 1,530 acres in which the Dominion Oil Company is linterested is other than claimed by them, 'a well-defined oil territory.'
"It is pertinent to remark that much iof this drilling has been doner so far away from the Gurd gusher that it has comprised the veriest wildeatting, twhich was largely on account of the wery high price that oil lands have been held at by the original owners near the centre of tine ollfield and the fact that the territory sumbunding the Gurd well, comprising about $21 / 2$ miles llong iby half a mile broad was originatly taken up by Messrs. Gurd and Woodward. This has necessitated the later operatiors going further afield.
So far 25 to 30 wells have been put down in the entire territory, or are now in course of drilling. While many lof them have turned out dry and been abandoned, in others there are indications of oil. The St:elle and Beringer well, in lot 18, concession 13, is r liably reported to have turned out' a good small well. The probable output could not be given, but the own ers believe that in putting down other wells in the vicinity, so as if possible tos get, a group. The Coryell and Gage (well, on lot 22, concession 13, was reported to be a producer, but, while there is oil there, it did noot fulfitt expectations. After pumying about thirty barrels the well ran dry, and the proprietors started to go deeper. On Triday afternoon last the well was shot for the s.cond time, and roil was brought up by the bailer ofter the shot. The Imperial Oil Co., re presentatives of the Standard Oil Co, 'have not, contrary to reports, abandoned the field, and they are said to be satisfied with the indications so far discovered, although they have not yet a producing well. Thbe Unitted Oil \& 'Gas Co., of Kingsville, on Friday afternoon struck oil on their well, on the farm of William Harvey, concession 12, lot 23. They were four weeks drilling, with no sign of oil till about noon on Friday, when the drillers found the casing filling up to within ten feet of the top. They immediately capped the well and wired the officers of the company at Kingsville. What that well swill produce can not be stated now, but it is expected to be with other wells a profitable producer.
On Saturday morning the Ghatham Oil Co., a company comprised of Chatham citizens, of which 1 Mr. George Stephens, M.P., is a member, struck oil on lot 8, concession 23. This is about three miles out of Gbatham, and is 'the most northerly point at which oil has been struck. The sand pump tbrought up a couple of barrels of oil, and the well is now to be thoroughly 'tested. These are mentioned as some of the numerous wells thait have been sunk, and all thlese indications point 'to the existence of an ofl field. The well that Dr. Hanks sank in lot 20, concession 10, and which was reported a ten-barrel well, was a disappoint-

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Are Makers o aia kinds of Steam and Belt Driven Hammers,
Steam Stamps, \&c.


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Lonc
ment. An near it. on lot 23 , was strucl opment wa mitted as ness, said summing u there is a around a e that is ther Mr. W. J. field sthould lea field. T but the tro ting small pointed. MI struck road. We geological a but it is, o sinking."
of the $m$ down, it is jority are in the ofl b
their own m usually abo parts of thi little more a
other fields something h

Three Gold Medals Awarded, 1890 . Silver Medal, Highest Award, Altrinchaim Show, 1900.


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Manchester, Eng: Registered Office and Works, Kay St., Ardwick Gireen. London, Eng: Office and Works, 24 Page Street, Westminster, S. W. WRITM FOR DMSORIPTIVI PRIOM LIBT.
ment. Another well is going down plready abandoned the field, but from
near it. So, too, with the Corey well, near it. So, too, with the Corey well, joue activity there is in the district toon lot 23 , concession 12. A gas vein day it is evident that the emitire terriwas struck there, but the oil devel- ftory will in a short time be thoroughopment iwas disappointing.
Dr. C. O. Fairbanks, who will ber admitted as an authority in the oil business, said to your correspondent " My summing up of the indications is that there is a prospect of a small oil field. There have beem little showing of oil around a considerable area, but the oil that is there will be found."
Mr. W. J. Woodward said: "The new field should last' as wedl as the Pietrolea field. The conditions are favorable, but the trouble is that people are getting small flows, and they are disappointed. Mr. Chamberlain of the Standard Oil Co. told mes that they thail struck oil om their well on the middle road. We have in this field all the geological conditions that are required, but it is, of course, necessary to keep sinking."
Of the many wells that are going. down, it is pointed out that the majority are boing sunk by men expert in the ofl business, who are spending their own money in the work. It costs usually albont $\$ 400$ to sink a well, but
parts of this iterritory have proven a parts of this iterritory have proven a
little more difficult than in some of the other fields, and the cost is therefore
something higher. Some operators have

## IMMIGRATION POURING IN.

The results obtained during the year 1900-1901, says at Ottawa report, showed such a remarkable advance over the
work of the preceding twelve months work of the preceding twelve months could be a very large increase in the results obtained during the last season. Expectations in this regard, as shown by the $r$. turns submitted, would appear to have been more than fully realized." So runs the introduction of Mr. James A. Smart, Deputy Minister of the Tnterior, to the annual report of the de-
partment for the fiscal year anding June 30th, recently issuad.
Mr. Smart goes on to say: "The main object in view in framung the polioy of the department has been the settlement of the country with a proper class of people, and that this object has been fully attained is clearly demonstrated by the fact that the increased settlement in the wist has been such within the last two years that the demiand for holdings has caused the price
of land and serip to more than double
in value. The agricultural capabilities of Manitoba and the Northwest Territories are now questioned by no one. The bountiful havests of last year and the year before have removed any doubt which might have existed in this regard, and that the utmost confidence now exists as to the suitability of western Canada as a field for settlement, especially among the classes to which we should look for the very best kind of farmers, is fully demonstrated by the continual stream of practical agriculturists who are now leaving the Western States to seek homes in Manitoba and the Northwest Territories. "While there has been a decrease in the gross revenue from the department, chiefly attributable to the falling off in the nevenue derived from the royalty in Yukon gold, the sum pald in as homestead fees, namely, $\$ 144,425$, exceeding that of any year since 1872 , is almost as large as for the two preceding years combined, and more than twice as large as for the year 1882-3, at the time of the Manitoba boom.
"The total area of land sold by companies holding grants from the Government amounted to $2,201,795$ acres, being $1,580,768$ acres over the previous year. The combined ar a of land disposed of by the department under homestead entry, sale, and by the railway companies mentioned in the statement referred to, gives a total area of

# SIMON COLLIER，Limited， 

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MONTREAL WHOLERALE PRICES OURRRNT FRIDAY，FEB．6， 1008 。

| Name of Article． | Wholessle |
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| Acid Carbolic Oryst med |  |
| ${ }_{\text {Alum，}}$ | 140175 |
| Borax | 004008 |
| Brom．Potasm | 040050 |
| Camphor．Ref Hef |  |
| Oitric Acld | 085040 |
| Oitrate Magnesia | ${ }_{0}^{0} 250085$ |
| Cocaine Eyd．（oz） | 80060 |
| Oopperas，per 100 I | $\begin{array}{ll}0 \\ 0 & 20 \\ 0 & 085\end{array}$ |
| Oream Tartar | 125175 |
|  | 017020 |
| Glycerine | 020040 |
| Gum Arabic | 080100 |
| ＊Trag． | 0250 |
| Insect Powder | 022030 |
| Monthol， 16 | 9501000 |
| Morphis | 135145 |
| 011 Pepper | 650700 |
| Oll Lemon． | 116185 |
| opium | 850 |
| Oxalic Acid |  |
| Phosporas | 0080 |
| Potash Bichrom | － 0808 |
| Potaeh Iodid | 880 |
| Quinine |  |
| Strychnine | － 68080 |
| Tartaric Acl |  |
| Stick， $\mathrm{in}_{4} 6,8,12$ ，\＆ 16 to $\mathrm{lb} . ; \quad$ B lb 。 boxes， <br> Acme Licorice Pellets，cans． 5 bb ，cans． |  |
|  | 200000 |
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| Heavy Ohemicals． |  |
|  | $1{ }^{175} 280$ |
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4，954，847 acres．These figures would seem
20 114dcate clearly that the possibilities to ndicate clearly that the possibinime of the vast wheat areas extencuing
throughout the fertile belt of the Can adian west command more attention to－ day，at home and abroad，and especial－ 1 y in the Unitd States，than at any time since t＇se transfer of the Hudson＇s Bay Territory to the Dominion of Can－ ada，over thirty years ago．When it is considered that in 1896 108，016 acres of land were sold by companies，and dur－ ing the same year 1,850 homestead en tries were granted by the department， that in 1899462,494 acres were sold and 6,689 entries were made，and that during the past year $2,201,775$ acres were sold by companies，and 149,643 entries granted by the department， there can be no doubt that the de－ mand for lands by purchase increases in the same ratio as the settlement of the country by actual settlers under free homestead entry processes．＂
The total immigrant arrivals were 67,379 ，being an increase of 18,230 ver the previous fiscal year．The total for the calendar years 1897 to 1900 ，in－ clusive，was 141,261 ．There has been a substantial advance over last year in the number of immigrants that have come to Canada from the British Isles during the past season．
Although the department has not been carrying on a very direct propa－ ganda in the countries of Europe，there has been a substantial increase in the number of arrivals from the continent，

MONTREAL WHOLESALE PRICGS CURRENT FRIDAX，FEB，6，1908．


## C. G. ALLEN \& SON, Manufacturers of the World Renowned LEICESTER, ENC.

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These Standard Lines cannot be beaten for Price and Durability.

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Price F.O.B. London or Liverpool,

MONTREAL WHOLESALE PRICES CURRENT FRIDAY, FERB, 6, 1903.

and it has now assum d such proportions that it is bound to increase in volume from year to year. U'pwards of cighty-six thousand settlers from the Cnited States have located in Manjtoba and the Northwest since 1897, and from the present indications it is reasonable t) predict that double that number will cross the border during the coming five ytars.
A special report by Mr. Smart to the Minister of the Interior upon continental immigration contains the conditions of an agrement made with the North Atlantic Trading Company of Amsterdam. Holland, in return for a bonus of £1 for each agricoltural immigrant and for domestic servant sover 18 yars; from Belgium, Holland. Denmark. Rus sin. Germany, Austria, Hungary, northern Italy, Laxembourg, Roumania, Bulgaria. Servia. Switzerland, Sweden and Finland. The company con sent to undertake a systematic and persistent propaganda in the countries named and expend annually not less than $\$ 100$ and $\$ 25$ for each child, the maximum amount for a family being fixed at $\$ 200$. Each unmarried man or woman is to be possessed of at least \$2ts over and nowe the cost of transportation. Mr. Smart does not consider the prospects of emigration from France very bright, but. although he advises the continuance of Mr. Fabre and his Paris office so long as any advantage is to be derived therefrom, he would not recommend a very large expenditure until more justification in it can be seen.

MONTREAL WHOLESALE PRICESCURRENT. FRIDAX, FEB. 6, 1808。


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# The General Ineandeseent Co., Ltd., Works \& Warehouses: ILFORD. 92a Aldersgate Street. LONDON, E.C., Eng. 

# (BOLD UNDER LICENSE PROM THE WELBBACH COMPANY, 

 PRIOE LIST| 1. | G.I.C. Best Quality High Candle Pow | M Mantle | - |  | 4/6 doz. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2. | G.I.C. Silk Mantle | - - - | - - |  | 5/- |  |
| 3. | G.I.C. Special Double Woven Mantle, very popular, specially recomme | Double onded | Stren |  | 6 - | 66 |
| 4. | G.I.C. Extra Long High-Pressure Man High-Pressure Burners | tle, suita | ble fo |  | 7/6 | 6 |
| 5. | G.I.C Gem Mantle - - | - - | - - |  | 4/6 | 6 |
| 6. | G.I.C. Mantle for No. 4 Kern Burner | - - | - - |  | 6/- |  |

## Mantles Made to Customers Specifications at Lowest Prices.

Support British Capital and Industry. Without fear of contradiotion we can HONESTLY state that our G.I.C. Mantles are the best on the market, whicus statement is borne out by Gas C. mpanies, Street Lighting Authorities, Corporations, and leading Traders NOTE.-Every Genuine G.I.C. Mantle bears the Company's Trade Mark G.I.C. plainly stamped on the Mantle, and customers are
requested to see that the Mantle contained in each box is so stamped.

Special prices to Canadians under the New Tariff, $331 / 3$ p.o., in favour of Oanadians

MONTREAL WHOLESALE PRICES CURRENT.
FRIDAY, FEB。6, [\%03.


THE LUX-CALOR CONDENSING GAS
stove.
When science has, apparently, reached the limit of perfection in its application to the wants of man in any one particular, we are inclined to "turn backward" for a moment and recall the crude methods of an earlier generation. The rapid progress made in some brancihes of industry-notably the manufacture of stoves-and the application thereto of gas as an economical and effective heater, is most noticeable when we know that there are yet living many who hauled from the forests the huge back-logs for the fire-place in the rude log-shanty, and are now within range of the latest and best stove hich, among modern improvements, it has fallen to the lot of man to enjoy.

Yes, from the huge fire place, with its cranes and pot-hooks, on to the great expanding ki tchen wood-stove with separate baking oven, next to the square castiron box stove, then to the combination steel range for wood,coal or coke, then to the common gas stove, serviceable, yet expensive in its use, strides have been progressive; but perfection was yet wanting until the firm of Messrs. Ritchie \& Co., of London, Eng., brought out, a few years ago, the "LuxCalor" condensing gas stove. This has bsen universally praised, not alone by the wealthy and the middle classes throughout Europe, who are adopting these stoves exclusively, but by skilled mechanics and day laborers, who find in them utility coupled with economy.

That the Lux Calor condensing gas stoves are not better known and used throughout the Dominion is found in the fact that their superior qualities have been winning for their makers such patronage that it was not until ren

MONTREAL WHOLESALEE PRICE CUREENT FRIDAT, FEB. 6, 1903.

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## Refrigerating \& Ice Making Machinery.

THE "ENOCK"'PATENT SAFETY COMPRESSOR is the Simplest, most Economical and most Modern Machine for Ice-Making, Cooling, Freezing, and Cold Storage Works.
Manufactured by us at our Works, Queen Square, W.C., Eng., and guaranteed to be of the Highest Excellency in Design Material and Workmanship. We carry out Cold Storage work in any part of the world.

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 407 to 409 Birkbeck Bank Chambers, Southampton Buildings, Holborn, London, W.C., Eng. And Eampsons Buildings, (Box 471), DURBAN, SOUTH AFRICA JOHAMME8BURC, BOX 5463.cently that a plant of sufficient extent was completed to enable the owners to keep up with all orders, hurried or regular. Now, however, Messrs. Ritchie \& Co., are in a position to fill export orders with despatch, and with the large reduction in duty now applicable to goods of English make entering Canada, we bespeak for the Lux-Calor gas stove the spendy recognition here which 1ts merits so quickly gained throughout (ireat Pritain.
An English firm, well acquainted with the merits of the Lux-Calor, write: "The Lux Calor condensing gas stove has been so perfected in its manufacture by Ritchie \& Co., of London, that it cannot be equalled by any other stove on the market. Ritchie \& Co were the original inventors of this class of stove, and they have gone on improving it in every detail during the last quarter of a century until they have made it the most economical and efficient heating stove that can be used. It is bright and cheerful in ap pearance, it is completely under control, it can be lighted up in a moment when it is wanted, or it can be left burning night and day all through the winter months. It does not give uff any smoke or smell, and does not injuriously affect the air of any room In which it is placed. There is no sense of oppression felt by those sitting in the room, and in conservatories and greenhouses it may be used without in any 'way hurting the most delicate of plants. It is made in various sizes 'adaptable to the size of the room or hall where it is wanted. The larger sized stoves are enclosed in wrought iron grilles so artistically designed that they will harmonize with the choicest inmestic fittings.
' Wherever the stores are filled, they Win the warmest approval. whether by Palace, or by the private citizen in his thume, shop or office. The leading gas companies of Tondon have bought and hre letting out on hire to their customers thousands of the Lux-Calor stoves, and in all cases they give the greatest

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# Eclectic Steeı Co., Limited, <br> Princess Street Works, SHEFFIELD, Eng. 

MANUFACTURERS OF

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## Special Miners Drill Steel Ground and Polished Steel for Shafting. <br> SPECIAL NOTE.-This Special Steel is manafactarer for the Canadian Market, Ender the new preferential tariff, 831/2 per cent. in fevour of the English make

possible satisfaction. The cost of heat ing a room by the D3 Lux-Calor is 1s 3 d a week with gas at 2 s 6 d a thousand and less or more in the same proportion. Could any one want cheaper heat than that?"
Messrs. Ritchie \& Co., are the original patentees and makers of condens ing gas stoves, and have the experience acquired during the last quarter of a entary. Their stoves are excellent in

The report of th "Lancet" special analytical sanitary commission says of the "Lux-Calor":-"This stove produces the best results as regards heating effent." The "Lancet" table shows that, thking the cost of gas at 3 s a thousand cubic feet, and coal at 25 s a ton, the "Lux-Calor" gives a heating effect equal to a coal fire at 2 per cent. less cost, or equal to that of the other gas stoves tested at from 50 to 80 per ena

Tiis stove combines the greatest possible economy at present attainable by any heating stove in the world, with absolute freedom from the least possible pollution whatever of the air of the room in which it is used, and that without any chimney or flue
Ritichie \& Co. brought out, a fevt ears ago, the C5 "Lux-Calor"-a double burner stove fitted with a grille of
artistic design in wrought iron, backed

finish, scientific in principle, and artis- less cost
in design and coloring. Last sea
on there was such a largely increased demand for these stoves from all parts if Great Britain and from abroad, that Ritehie \& Co. have extended their works so as to be equal to all requirements. Telegrams, "Wlarmness, London."

Analysis of condensed products:The products ensuing from the auto matic system of condensation in these stoves amount to an average of 40 fluid ounces in 10 hours, and consist of water, sulphuric acid, sulphurous acid, carbonic acid, iron, ammonia, and some organic matter." (Signed) Edward V. Gardnex, F.A.S., M.S.A.

With copper wire gauze, and with stained glass shutter to soften the light. These stoves seem to have met a want, and a large number of them are in use in the best West End houses clubs, shops and theatres. Ritchie \& Co. have now a selection of very fine designs in wroug'ht Iron, specially pre pared for theso grille stoves. The "Lux-Calor", has been supplied to His

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## insurance decisions.

Life Insurance-Insuperable Interest -A daughter has an insuperable inIterest in the life of her father. Aum. ers' and Traders' Dank of shentudeah ws. Johnson, 91 N. W. Rep. (Iowa), 1074. Life Insurance-Time in Whion to iDiseover Defects in Policy.-The rta somable time which one recoiviag an insurance policy has is whien t, C : s . cover defects therein commones to run from the time it is received. Bostwick ws. Mutual Life Ins. Co. of Nıw York. 92 N . W. Rep. (Wis.) 246.
Fraternal Insurance-Sulcita as De-Pence.-AA fair preponderance of the revidemce only is required tor establish' fithe fact of suiciden as a defence to an baction on a life insurance policy. Kcrr ivs Modern Woodmen of America, !17 Fed. Rep. (U. S. C. C. A., Iowa) 593. Fraternal Insurance-Waivers of Forfeiture by Subordinate Lodge.- The relation of subordinate lodges of a mu itual insurance society to the grand lodge is that of agency, and therefore a subordinate lodge may waive a forfeiture resulting from non-payment of asss sssment. Grand Lodge A. O. U. W. ves Lachmann et al., 64 N. E. Rep. (III.) 1022
fraternal Insurance-Change of Be Nficiaries.-That one in directing change in the ben. ficiaries in his benefit certficate wrote a lettrir, instead of filling out blanks thereon as directed. does not tend to show lack of mental capacity. Walts et al. vs. Grand Lodge of Lowa. Workmen of Stlate of Towa et al., 91 N. W. Rep. (Iowa) 1062.
: Life Insurance-Suicide.-Where an application for life insurance is made part of the insurance contract, agreements by the insured as to the liabilit.s. lof the company in case of suicide, or as to action commenes more than a $y$ war after death, are binding on tha ibeneficiaries. Treat et al vs. Merchants LLife Ass'n, 64 N. E. Rep. (Ill.) 992.
Life Insurance-Extension of Time for Payment of Preaniums.-A life insurance company, which accepts overdue premiums, cannot say that its agent had no authority 'to extend the time for payment of premfums beyond maturity, though the policy forbids its modification, or the waiver of a forfelture, except in writing, signed by certain officals. Union Cent. Life Ins

Co. vs. Whetzel, $65 \mathrm{~N} . \mathrm{E}$. Rep. (Ind (App.) 15.
Life Insurance-Authority of General Agent.-A demand for a paid-up pol $x y$ is properly made on the general agent of a life insurance company though he has no authority to issue po dicies, the original policy not requring its surrender to any particular person when a paid-up policy is desired. Union Cent. Life Ins. Co. vs Whetzel, 65 N. E. Rep. (Ind. App.) 15.

Life Insurance-Right of R scission -Where an applicant for an insurance policy, on receipt of the same, is fraudulently deterred from examining it, four and one-half months' delay in discovering the fraud in giving him a policy other than what he was to get is not so long as to forfeit a right of res cission. Bostwick vs. Mutual Life Ins. Co. of New York, 92 N. W. Rep. (Wis.) 246.

Life Insurance-Foreign CompaniesLicenses to Agent.--It is within the discretion of the superintendent of insurano to refuse a license as agent of a

foreign in violat out first erl appli company tion, has of the r of Ins. E. Rep.

Fratern Waiver. of benevo ty, by rea and regn



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Sobecial pricen to Cansdians under cot
foreign insurance company to one who ter into and form a part of the con in violation of the statute, has, with out first obtaining such license, solicit ed applications for insurance in such company, and, as part of such solicitation, has offered a rebate of a portion of the regular primium. Vorys, Supt. of Ins. vs. State ex rel. Conn 11, 65 N E. Rep. (Ohio) 150 .

Fraternal Insurance - Suspension Waiver--Officers of subordinate lodg: of benevolent societies have no authority, by reason merily of such office, to waive any of the provisions of the rules and regulations of the order which en- the company sho:ld not be liable for
and regulations of the order whion-Where a fire policy provided that

## tract of membership. When one of such rules was that after suspension for non-paym nt of du:s a member could only be reinstated while in good health, the receipt of ber dues for reinstatement by the subordinate lodge's secratary while shs was in a dying condition was no waiver of such requirement of good health. Highlanders vs. Scoville, 92 N. W. Rep. (Neb.) 206. <br> Fire Insurance-Liability of Explo- sion-Where a fire policy provided that

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88 and 89 High Holborn, LONDON, w C., England. Special prices to Canadisns under the New Preferential Tarlff. F, O, B. Lonnon, Eug.
loss by explosion unless fire ensued, and in that event for damage caused by fire only, and in an action thereon there was evident that the fire was caus:d by an explosion of soot in a flue, an instruction that the defendant was not liable for any damages caused by the explosion unless fire ensued and, if there was an explosion, and fire ensued thereafter, defendant was liable only for the actual damages caused by the fire, and was not liable for any damages caused or resulting from the explosion, was properly given. Cohn et al. vs. National Fire Ins. Co., 70 S W. Rep. (Mo. App.) 259

Prof. Fernow's lecture on Forestry in Queen's University, Kingston, recently, says a r cent letter, was largely at tended. The lecturer was introducad by Princ:pal Gordon, who emp"nasized the national importance of the subject. so characterized by the Minister of education from the sama platform last April. The lecturer gave a lucid description of what important influence a forest may have in preventing erosion of land by holding back the water and thus preventing floods, and by absorbing water, especially on steèp hills, which otherwise might be badly cut alway. The influence of forests on rainfall is still an undisputed point. It is a remarkable fact that civilization depends largely on wood, as outside of food products it is almost indispensable to man's welfare, and a wood famine would be almost as serious as a food famine. The general use of wood de-


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LONDON, E, C., ENG.
831/3 In favour of Cansdlans, under the New Tariff

JAMES NORTH \& SONS,
Chamois and Gloves Athletic Goods Manufacturers.

Harvest Gloves, Driving and Dress Gloves, Housemaids' Gloves, Gardening Gloves, White Cow-Hide and Seal and Tan Mitts. Crieket, Tennis, Footballs, Boxing Gloves.

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Godley Mills,
wad Tower Btreet Works Hyoe Manchester Eng.
pends on the ease of securing supplies, its non-conductivity of heat and electricity, and an admirable combination of strength, clasticity, "etc., ease of shaping, combined with its cheapness and the fact that it can be prodnced and reproduced according to man's efforts. Statistics show that one-half the population of the United States depend on wood for fuel, and two tons of wood are used for one ton of coal, while ten tons of wood are used for one ton of (ireat Britain imports wood valued at $\$ 125,000,000$, and in all civilized countries the consumption is increasing, in spite of competing substitutes. The wood industry in gineral stands second to the agricultural in the amount of capital invested and in the amount if wages paid out to employees, shorwing that it is an industry of national importance. In Canada the production of forest products is increasing very rapidly, in 1902 the production of boards and mill products being about $\$ 52,000,000$. Ontario alone derived a revenue of $\$ 1,276,000$ from timber licenses in 1901, showing that this Province can well afford to establish schools of forestry as a business proposition. The pertinent subject of future supply was discussed, knowing that the supply of wood in the United States will be exhausted in less than thirty yelars at the present rate of consumption. Statistices s'how that Canada has $800,000,000$ acres of woodland, 50 per cent. of which may be considered as forest land fit for forestry purposes, which at the present rate of consumption, viz., five billion feet per annum, will last for many years under proper supervision. Hence the practice of forestry in Canada may be seen to be an unavaidable necessity, as it can be proved that nough land timbered is a profitable inVestment, when nature's wasteful reproduction is controlled so as to produce logs and timber trees rather than weed trees. The German forests have yielded a very high percentage on their cap-

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Continuity moisture co ity of crown is a most d fords proter winds, and at least is s uses and den are artficial producing fo only implem most people. entire remo which case trees is adop method of $r$ ployed inste: tain trees fo air space for of trees by s bed. The la nsed, has no in favor of a proximating Broad-leaved duced by a. w sprouts sprin and after fift for fuel, but $n$

Continuous Current House Service Meters.


## HOLLINWOOD,

## Lancashire, Eng.

ital valuation during the last fifty years.
Prof. Fernow's lecture showed how the reproduction of forest crop relies on natural conditions; for example, character of trees depends on inflirences such as climatic conjitions and depth of soll, a delepronter tree wot growing in a frozen or rocky soil, etc. Continuity of production depends on moisture conditions caused by a density of crown of trees. A mixed fcresst is a most desirable condition, as if affords protection against insects, fires, winds, and gives a crop, part of which at least is saleable, mo matter how the uses and demands may fluctuate. These are artficial and natural means of reproducing forest crops. The axe is the only implement of cultivation used by most people. It may re used for the entire removal of mature trees, in which case artificial planting of young trees is adopted for reproduction. This method of reproduction is largely em ploved instead of a selection of certain trees for removal, allowing free air space for the natural reproduction of trees by seedlengs in a proper seed bed. The latter method, once much used, has now been largely abandone? in favor of a mbthod more nearly approximating to that of the lumberman. Broad-leaved trees may be easily reproduced by a wholesale cutting, as young sprouts springing up take their place, and after fifteen vears' growth are fit for fuel, but never for timber. Conifers
generally do not reproduce by spronts, bence the necessity of a proper seed bed allowing for moisture, dried litter and light. The conditions essential to growth are generally lacking in forests cut over by lumbermen, thus accounting for the common belief that conifers, such as the white pine, do not reproduce by seeds.
Mr. H. A. Calvin, M.P., a practical $1_{\text {umberman, supplementing the address }}$ of Prof. Fernow at Queen's Universit, on the subject of "Forestry," offered the following remarks:-'Wie have in Canada to-day the richest areas of forest of any civilized country, and the mass of our people are ignorant of its importance. There is comparatively little endeavor on the part of either people or Governments (without reference to political parties) for its preservation or perpetuation. The four great divisions of industrial activity in Canada are agriculture, mining, lumbering and fishing. In this university we give useful instruction in the first two of these, and now we propose to take one more step forward and educate our people (as we may be able) regarding trees and their products, and when the time has arrived and we begin the teaching of fis'h culture and preservation, no doubt our friends in Toronto and Guelph will wake, up to the necessity of thair re prownditions, and to adopt such imceiving public money for fish; but that ping our forests as will secure a ceropis in the future. I have said that agri- tual and adequate supply of wood and culture, mining, fishing and lumbering timber. Prof. Fernow is here to help are the basis of nearly all our indus- us in this endeavor."

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The importance of good needles is well known to all manufacturers of hosiery. yet those acquainted with the trade are not unacquainted with the friction cropping up at irregular intervals, and originating in the needles not doing their part with the assurance of safety which they should.
Prominent among the firms of old standing in this line, is that of Mr. Gharles Bevans, of 92 Higheross street, Leicestr. England, who has a perfect range of machines for executing or ders, for every shape of wire needle
known to the trade, lit is also well known to the trade, it is also wellknown that this house buys only the best English cast steel wire, all of which is tested before being made ut intio needles. The principal working parts of the needle arel made by hand, so as to ensure a good finish on the hooks, rivets, etc., which it is impossible to get by making these parts by machinery. With the experience of the inventor 'himself of the latch

| Hagee of Ooncpayt. | $\begin{gathered} \text { Ko. } \\ \text { Sharem. } \end{gathered}$ | Last Dtvidend per Teer. | Bhare par valus. | Amount <br> paid per Share. | Osnade quotntion: par ct. |
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| British American Fire and Warine.... <br> Cansds Lite. <br> Confederation Lilie. <br> Weatern Assurancs. <br> Quarantee Co, of North Åmerica..... | 18,000 9,500 10,000 86,000 18.378 |  | $\begin{array}{r} 850 \\ 400 \\ 100 \\ 40 \\ 50 \end{array}$ | $\begin{gathered} \$ 50 \\ 401 \\ 10 \\ 80 \\ 80 \\ 00 \end{gathered}$ | $\begin{gathered} 96 \\ 160 \\ \ddot{963} / 4 \end{gathered}$ |

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needle, who, by the way, was head of be ordered, applicable to all classos of the prisent firm, and has kept up with circular machines. Every needle sent every improvement, fresh needles, etc., out by this firm, is hardened and temprisent tariff of $331-3$ per cent the prisent tariff of 331-3 per cent., g ve
to Canadian manufacturers of hosiery. a good article that will bring repeats when once used. In'Mr. Bcran's mans specialties it was observed, that und-r his patent No. 7130 he man produce a Swing Jack and needle combined, which, for circular knitting machines, will enable the machine to run much more quickly, without any danger of breakage; consequently saving ic per cent. in waste and giving 50 per cent. increas:d production. This can be made in all shapess and guages as may
pered by special process, entirely lifferent from that of other needle mana facturers, therefore lasting much longer than needles procured elsewhere Price lists on application. Note the only address: Charles Bk vans, 92 High cross street, Leicester, England.
The manufacture of hosiery in Canada has of late years assumed very large proportions, and from year to year this branch off manufacture must show large increases. Those in the trade would serve their interests by communicating with Mr. C. Bevans, at above address, feeling assured that his

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[^4]hetdles are built to wear, and give the best satisfaction accorded to my needle made in any part of the world. Poor quality needles do not pay in whatever way they are viewed.
The manufacture and sale of hosiery is each season becoming a finer art; goods are being turned out with greater perfection of weave and finish, so that whattever may serve in ther least in hindering thds should be carefully avoided. Whatever serves to advance the art should be quickly adopted. Write to Mr. C. Bevans. His make is of the highest grade.

## SIMPSON'S BOOT POLISH.

A boot polish which has gained considerable popularity during late years is that manufactured by Mr. A. Slmpson, of 53 Ebury streett, London, S, E.. Eng. So many polishes and creams have been forced upon the market that many persons eventually class all more or liss alike, forgetting that in such cases it is only through persistent search or unbiased testimony that the good can be distinguished from the common beffore being given a place in the home.
Those who 'haver used Simpson's paste polish pronounce it very superior and entirely satisfactiory. Wel reproduce the flollowing regarding Simpson's make from an English trade periodical of re. cent date:-
A Simpson, Ebury streett, S.W.-Established 1885. This is something in these days of rapid changes. For 17 years Mr. Simpson has been making polish for the boot trade, and each year he can claim to have added to his list of customers and to the amount of his output. Continued progress of this kind can hardly be accidental. It is the result of careful attention to business and of supplying a good article. His well-known creams have earned for themselves a reputation for
absolute reliability, and the simple se cret is that Mr. Simpson only knows how to buy the best ingredients. His ability has never got beyond that stage, and he has reason to be prond of it. It would be a very excellent thing if tsome other makers were not quite so expert in the art of auulteration and the use of inferior and deleterious materials. The demand for a paste polish cansed Mr. Simpson to introduce one. and as he is following on the same lines in the manufacture of this preparation as he did with the creams, there may

be no two questions as to the ulthmat result. The best materials and the best mathoul of putting them thgether
mast logically produre the heg result
 gatations, and we have on! found what in: have always found that they give 1) recel satisfaction, high polis": which
is. lasting., is not tacky, and one which is ohbatind without any very great la bor or numerous coats of polish. The polish is put up in tins of the usual and Mr. Simpson claims that, mo matter h. iw long they may be in stock, the contents will not shrink, as is tou often
the case with this class of polish. We
ca, not close our remarks without some reference to Mr. Simpsion's Royal Dragoon Liquid Blacking. This blacking has long been a favourite with military men of the West-end, and is in great demand at miliary stations abroad and in many of the best retail shops throug'hout the country. It is an excell nt blacking, giving a splendid lustre, which is not dulled by damp alll moisture, whilst it adds nourishthent and increased durability to the material on which it is used. More would be superfluous.
Write for prise list, etc., and special terms under new preferential tariff to Mr. A. Simpison, 53 Ebury street, London. S.E., England.

ANOTHER VIEW OF THE LEAD TARIFF.

Commenting on the proposed increase in th Canadian lead tariff, a prominent Canadian paint manufacturer said:As manufnctuners, we, of course, be Tieve in ample protection to all Canadianindustries that are worth protee tion, and we sympathize with the West crn lead-mining people to a certain ex thent. The (iovernment has been wore than wnce asked to aia certain industries, which could never be put on (paying basis in this country, and I am glad that they refused. As regards the lead-mining industry of Canada, sit is questionable whether it is advisable at this date to attempt to mảke it a great one by a change in the tariff, which cannot but increase the price tho the consumer, and would be a long time before the Canadian market would be sufficient to absorb the present pro-

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duction of the British Columbian munes
"I think the outside quantity of waite lead that could be used in Canada present would be about 12,000 tons annually. The British Columbian minss if I am not mistaken are able t. produce 100,000 tons annually. That means that while they would sell 12,000 tons at as bigh a price as they could und $\cdot$ r the tariff, to Canadian buyers, tiey would be forced to dispose of $85,0,10$ tons on the United Stat s market for they could hardly send any quantity across the ocean-and or any markst outside of Canada they wou'd hav. t.o meet the competition of the wort? The same is the case in the Unit:d States. Foreign buyers get their lead ir on American manufacturers at about hulf the price the American himself has to pay.
"No matter what protection the British Columbian mining people get ihy could not supply Eastern Canada ennsumers as cheaply as we get the lead now. Although, personally, I am willing to pty a little more for white ing control our own mines in obti:'th ing control of this market, if that is possible, I am not willing to be p!acul $f_{r^{i}}$ nds a pan, position that our Western fri nds can, if they wish, 'put the serew on us' and make us pay an exorbitant price, without having recourse to tie American, German or English market. That would be our condition, I think, If the duty for which this deputation is asking came into forme.
"The American lead-mining business is in a comparatively flourishing condition, and it is protection that caused it, so why should not our mines be aided as well? But what I call a prozective tariff is on. 'high enough to protect the home manufacturer fom the foreigner, and also low enough to give protection to the home consumer against the manufacturer in his uwn
country."

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he Mas a great oil seom. He was Cal
tain Jomes opy in th day wion my
terins wer. Uhan order in drilling with
at wells."
Jim made some money in the employ of tonee and concluded that a preniy and grank wh with the country and th turnent to the ullice of Captain Jomes, at Brationd, in yuest ir : a job). An ant and was now ready th go to work at anything that
nish him to do.
Jull Matiol was in the office at that time and hear the conversation Jones turne! to, .1 m and said that Sistersfille was ju-t "pming and that 't pre made this proporition:
there and werli som
orabl as posciblu tum dull I will pay your "-xpenses and :all bill Gincured in drilling and pive you win a montl and carty one-reghth in the operations for you."
 kell, Captain Jones remarki d that if he desired to take an interest in the enterprise the way was open for him. Mr. Haskell replied that he would take one-eighth and pay his proportion of the expenses as suggested. Jim lit out and lost no time in getting a lease and starting the drill. The first well, when complated, started at one thousand barrels a day and kept it up in a very satisfactory manner. Other wells were drilled with almost equal results. Fin ally one day Tennant came to Bradford to make a report of the condition of bis operations. Haskell was prosent when he came and congratulations passed on all sitles. "X M. Boys." said Captain dones. "I have always mate i a rule to buy ont partners whenever 1 could do so at a reasonable figure and 1 am ready to do so in this case. T prefer to operate alone anyhow, and if you
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will give me a reasonable figure on your interelsts I will buy them to-day. Haskell and Tennant retired for con sultation and returned in a short time. with a proposition to sell at $\$ 90,000$ apiece. "All right," said the captain, "I consider your offer reasonable enough. I will take the interests," and he wrote out a check for each for the sum named.
The other interesting feature of the proceeding was that Haskell had never had a chance to put a dollar into tha enterprise. The first well paid the bills. Tennant departed to Buffalo, where he purchased a stock farm in the country close by the city and is living there now in comfort and ease. Haskell invested $\$ 60,000$ of the money In Standard Oil Stock it $\$ 200$ per share. The same is to-day worth $\$ 700$ a share and he still holds them. Both made their money easy. There are some favorable chances in the oil business."
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Head Office．
TOronto Ont Hon．Gro．Cox，Pre日，J．J．Krwny Vloe－Pres，\＆Man．－Dir C．C．Fortra，Secretary，
Montreal Branch， 189 ST．JAMES STREET． Robt．Biokerdige，Manager．

Routh \＆Charlton，Clty Agents．

## ALLIANCE

## assurance co．，limited．

（With whloh is united the Imperial Fire Office， established In 1808．）

## Capital，\＄25，000，000．

Head Office for Canada，－IMPERIAL BUILDINS，Montreal． P．M．WICKHAM，

Manager．
G．R．KEARLEY，
Anet，Mesager．

H．M．Lambert，marager．

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Prices to all Classes，$\$ 1.00$ each．
Writes Easily，Smoothly and Fluently．Every dealer should stock them．

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HHAD OFFIOE，Oanadian Branch，－MONTREAL．
JAMES McGRECOR，Manager．

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Capital Fully Subsoribed，
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Trafalgar Chambers， 22 St．John Street，Montreal，
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## Mining ${ }^{\text {And }}$ Contractors Plant Specialities



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The Box Making Machineiy \& Engineering Con,
78 Turnmill St.
CLERKENWELL RD., London, E.C., Eng
These Box Machines, whioh are made in England for the Oanadian Market, are sold $331 / 3$ p.o. lese


[^0]:    For description see "Canadian Journal of Commerce," March 28th, 1902. Full particulars and prices on application.

[^1]:    Manufacturers of the "PREMIER" MICA CHIMNEY. Vendors of all manufactured MICA GOODS, and of BLOCK MICA ав imported from India. Correspondence with

[^2]:    -Ottawa advices state that Mr. E. 'T. Walsh has completed the survey of the proposed Ottawa, Brockville, and St. Lawrence Railway. The nem line as surveyed will run through Richmond, Merrickville and oth:r towns in Carleton County not form trly touched by any railway. The line will provide a much shorter route to Brockville than now in use. It is probable that as soon as arrangements can me made the work of grading and construction will com-

[^3]:    * Paying quarterly aividenás.

[^4]:    Canadians can buy these carriages, under the New Tariff, $831 / 3$ p.c.; in their favour by purchasing in Manchester, from this firm,

[^5]:    Special terms to Canadians under the New Preferential Tariff.

[^6]:    Insuranole，bank and Commeroial
    PRINTIINGた

[^7]:    We supply under the New Canadian
    Tarifir, 881 p.o. In their, favour.

[^8]:    $\overline{\ldots, \text { Fos }}$ LA ATHE and Planing Tools, Milltng Cutters, Screwing Tackle, Shear Blades, Punching Tools, Chisels, Files, Miners' Drills, Hammers, Sates, Smiths' Tools, Rivet Tools, Dpimdlee, Welding Stoel, and Sheak Stoel Ior will purpeov.

[^9]:    Cuts will be tpserted when recelved

