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Commexcial Summang.

E- Merchants, Manurasturers and othow business mon should bear in mind thest the "Journal or Commerce" teill not acoept ad. vertisements through any agents not specially an its empioy. Lte diroulution-aatending th all parts of the Dominion-renders if the best adoertising medium in Uanada-oqual to all othere combined, while ite rates de not snohude howoy oommisesionu,
-The inland reventue returns at the post of Humilton for the last month were $\$ 71,424.82$, an increase of $\$ 6,348.74$ as compared with August, 1902.
-The Port of London's inland revenue returns for August, 1903, total \$34,637.4 returns for August, 1903, total $\$ 34,637.47$. or $\mathbf{1} 00.31$ more than those of the previous August.
-It is believed at Welland, Ont., that oil can be found in paying quantities in the gas belt southwest of the town. A Cleveland prospector is stated to be completing arrangements, and it is expected a large number of wells will be drilled early this month.
--Ifondon, Eng., merchants are advocating the appointment of trade consuls in the colonies, and the attention of representatives of the colonies is being drawn to the subbject. Space for Canadian exhibits has been secured at the exhibition to be held in the east end of Glasgow.
-A serious fire visited Carman, Man., last week, resulting in the destruction of the roller mills, Northern elevator and the Farmer's Home. Loss 18,000 on the mill, insurance $\$ 10,000$; on the elevator \$5,000; Home, $\$ 5,000$.-Fredericton,N.B., Sept. 2,-W. J. Scott's sawmill at Spring. hill, five miles distant, was destroyed by fire Loss $\$ 12.000$, with $\$ 5,000$ insuranee. Forty hands are thrown out of empldyment.

## 

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Fine Gauze, Wool and Silk, for extreme heat. Very absorbent and will keep the body healthy.
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The latest improvements for saving space aud weight, render travelling on the Veldt, now comfortable and and healthy.

Price List, 8 z $\quad$ pages, representing stock of goods of all classes, free by post. Miseionaries, Travellers Explorers and Miners should see this before making preparations.

## 

-A Chicago furniture company intends to establish a branch factory' in Winnipeg, to employ 150 hands.
-The Bank of Montreal has taken over the business of the Exchange Bank of Yarmouth, Nova Scotia.
-The Department of Public Works, Ontario, has called for tenders for the new Asylum for Epileptics at Woodstock.
-The Bank of Hamilton purposes erecting a branch at the corner of Sherman Avenue and Barton Street, that city.
-The Richmond Conduit Company, of Toronto, have decided to build a factory at Niagara Falls, Ont., $150 \times 150$ feet.

The Richmond Conduit Company, of Toronto, have decided to build a factory at Niagara Falls. Ont., $150 \times 150$ feet.

St. Boniface, Man., will instal a system of waterworks, to cost $\$ 80,000$. The water will be obtained from artesian wells.
-Mr. John L. Scholes of Toronto has bought out the Globe Hotel. Collingwood, Ont., one of the best commercial houses north of Toronto.
-Brantford, Ont., Inland Revenue collections for August were $\$ 6,663$, an increase over 1002 of $\$ 1,028$; customs collections for August were $\$ 23,538$, an increase of $\$ 8,788$ over 1002.
-Fire underwriters have advanced the rate of insurance for London, Ont., fifty per cent. on an average. Lack of water pressure and fire fighting apparatus are the reasons alleged.
-It is announced that the Stimpson Computing Scale ${ }^{\text {Co. }}$, of Elkhart, Ind., and the National Safe \& Lock Co., Cleveland, will establish branch factories in Winnipeg
-The Deering Harvester Company have expressed their wil lingness to further extend their works at Hamilton, providing they are guaranteed cheap rates on the electric railways for their workmen.

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MANUFACTURING CONFECTIONERS, BRISTOL, Hngland

Makers of High Class Candies, and Sweetmeats of all kinds.

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into the los ticularly de out of her
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- We lea of the Emp be held on of the comp
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turers


Brougham etreet Mills，Lelceeten，Engiond．
－Lloyd＇s correspondent says an enquiry has been ordered into the loss of the C．P．R．steamer Monterey．It is par－ ticularly desfrable to ascertain how the vessel came so far out of her course．
－It is cabled from London that contracts have already been made for the shipment of over two million bushels of Canadian apples．Experts say Canadian pippins，Ribstons，and Baldwins equal the English fruit of the same names．
－We learn from Toronto that a special general meeting of the Kmpire Loan and Savings Company shareholders will be held on the 24 th instant，to ratify the sale of the assets of the company to the Sun and Hastings Loan Company．
－The stock of the Thorpe \＆Maddock Manufacturing Co．， clothing manufacturers，Toronto，who assigned some time ago， has been sold．There are severnl liens on the estate，which， when wound up，is expected to pay about twelve cents in the dollar．

## Anderson＇s



Oity of London Thectric Black Dye． For Blackening，Softening，and Nourishing all Kinds of Leather．
Oity of Londion Glycerine Size． For Dressing and Beautifying，Manufac－ turers＇and Dealers＇Stock．

Price Late and Samples on Appllioation．
8，Sount Srater，Lumoon，E．Gn alis．
Wo aupply these，881／p．o．to Oanadlans，pader the Now
－An article in The Fortnightly Review predicts that a tax on corn would not add to the price for more than a little while， because it will set Canadian farmers breaking thousands of acres of prairie land，so as to vastly increase the available supply of wheat．
－Lloyd＇s correspondent says that a survey of the interior of the steamer Manchester Trader at Quebec reveals extensive damage．The cost of repairs in Canadian ports is so high that the vessel may be temporarily repaired and brought home to a British shipyard．
－Advices from Lagos，British West Africa，say that the development of the cotton trade in the interior is so great that the railroad officials have been obliged to run extra trains in order to bring down the large supplies to the coast． There is every prospect of a further increase in the cultivation of cotton．
－Gold dust is coming out in considerable quantities on steamers from Nome，Skaguay and Cook Inlet，says a recent report from Beattie，nearly all consigned to the government


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assay office. The supply of water in the Klondike and tributaries has been increased by heavy rains recently, and mining operations are greatly facilitated thereby. The estimated total output of gold up to date this season is over $\$ 12,000,000$. The total will reach $\$ 25,000,000$. This includes the Klondike, Nome and all other districts combined.
-A Victoria, B.C., letter of the 5th instant reads.-Premier McBride and colleagues are in session to-day incubating what is believed will be a strong Great Northern Railway policy. The Premier and Minister of Mines have been in Seattle in conference with Mr. Hill's representative, Mr. Farrell, and the latter is coming over to Victoria to continue the conference, so the Premier admits, in a few days. The railway scheme will likely embrace the pushing through of the coast-Kootenay

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line, the completion of the connections with Vancouver and Victoria, and it is reported will involve the prolongation of the system either ia Quesnel or by another charter obtained last year, covering the country from the southeast boundary of British Columbia, northwesterly to Port Simpson, or that vicinity. and to the wheat fields of the northwest via Edmonton.
-The Clifton Hotel Company, Limited, has been formed, with a capital stock of $\$ 325,000$, to build a first-class resort hotel upon the site of the former Clifton House, Niagara Falls, Ont. The site has been secured, and the Executive Committee has been authorized to go ahead and make plans and enter upon contracts at an early date. The hotel will be in the colonial style, with two hundred rooms.

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Supplied to His Majesty the King at Buckingham Palace; The Bank of Fngland; the Manslon House; the Gulldhall; the Society of Arts ; the Royal Observatory, Greenwloh; the
London County Council; the MetroLondon County Council; the Metro-
politen Fire Brigade; the Btock Ex. politen Fire Brigade; the Stook Exchange; "The Lanoet" Ofice ; and the prin

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London Gas Compantes. 46 Hatfleled Stroet, SOUHTWARK: S.E., London, Eng. (Near Blackfriare Bridge.) Spacial prices to Cansilians ender the NeN
Tarif. $88 \% \mathrm{p} . \mathrm{c}$. In favour of Canda.


D 8. Inclusive Price, \&4 5
-The controversy between the Grand Trunk and the city of Brantford, Ont., says a recent letter from that city, in reference to certain railway improvements in the vicinity has been settled. The city will close Durham street, thus allowing the company to build a three-track eastern entrance to the city for the accommodation of main line trains. In return the Grand Trunk will build at once a handsome station there at an estimated cost of $\$ 30,000$. Various changes are to be made in the line in the north-west of the city and two subways at Niagara and Albion streets, and alarm bells at St. Paul's crossing will be established by the company. The line between there and Paris is now being double-tracked. It is likely that main line trains will be run via Brantford before the end of the year.

Works: Poplar, Limehonse, and Millwall.
Thlikerams: "Locklancoe, London," or "Sonjon, London,"
CoDMe: $\triangle B O_{1}$ th Baitiom, $\triangle 1$, and private Locke, lancaser

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## MANUFACTURES

Pig Leed (Oommon and Refined). | Laminated Lead, for damp walle, Bar Lend.

In Foil, (Pure Bad Oremiry)
Sheet Lead (Ordinary and
Oheml cal), up to stt. wide. Sheet Lead. (Graduated and Tapered) Lead Pipe (Ordinary and Ohemical) Lead Pipe (Soll, Composition,
Lead Wire.
Tape Leed.
Ten Lead. Hew Incorrodible.
(W.W. © B. Johnoon \& Sons'Brand) Lead Toil, for gold and attver asmylug.
-Mr. John Armstrong, Ontario Crown Lands Agent at New Liskeard, Ont., states that the crops there were good this year, though a trifle late. Work on the Temiskaming road is going along merrily. The dredging of the harbor at the river mouth has, it is stated, been a great advantage to the town, as steamers can now call at New Liskeard at any time during the open season on the lake. Formerly the falling of the water prevented the use of the harbor after the month of June. The steamer now makes the trip to the foot of the lake and up again once a day. There are several other vessels now upon the lake, including two steel vessels engaged in the lumbering trade. The prosperity of the Temiskaming settlers is reflected in the growth of the town, which had a population of 800 a year ago and now has about 1,500 .

Gamadin Repmgentation are now beime analioed for. THE ${ }^{6}$ T NA Y ENGLISH


## Motor Bicycle.

Gide World's Recorde, One Mile to six Hours.


Spring Frame - \$25 extra. Patent Instantaneous Switch31.85 each. Patent Belt Fastener- $\$ 1.50$ per dozen. Patent dewhide V Belt-50c, per foot run. Write for Terms, Particulary or Certlicate of Representation
The Bat Motor Manufacturing Oo. 69, Beolronhem Zoad, B.IB, London, Bing.

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ETAD OTTMCR FOR CANADA
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TTHE CANADA LIFE'S new business for the first half of 1903 exceeded that of any similar period in the Company's history.

INSURANCE COMPANIES placing orders for Prining shoold make it 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,

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## NORTHERN

## ASSURANCE CO'Y. INCOME AMD FUMD I902:

Capital and Acoumulated Funds,
44,635,000
Annual Revenue from Fire and Life Premiums and from . $\{. . . . . . . . .$.
Deposited with Dominion Government for the security of policyholders .................fices:-London and Aberdeen.
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Insuranea.

## PHCENIX

ASSURANGE CO'Y.. Ltd. O. सormon. Eme.
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We. 164 st. James It.

PATERSON \& SON, outy legenta: … Whitehond $=00$,
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The Oldest Scottish Fire Office. canadian Hoad omoer, montreal.

## R. WILSON-SMITH

TINANCIAL AGENW.
Government, Manloipal and Rallway seourlties bought and sold. Firat olane on hand. Trust Estates managed.

Standard Life Chambere,
I5I ST. JMMES STREET, MONTREAL.

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of modern times have been condemned to due punis ment by the courts of France. The plot itself is common enough, being the story of a legacy for an enormous amount which is being delayed in delivery owing to legal difficulties, and upon the strength of which the romancer, Madame Humbert, assisted by members of her family, contrived to obtain very large advances. A suit-at-law to recover, the non-existent immense fortune, a great empty safe in Madame's possession, supposed to contain the bonds and documentary titles to

THE MANCHESTER FIRE ABSURANCE NatabHehod 1884. OAPITAL, - - \$10,000,000 Hond Omca, T. D. RTOH ardson, Aselitant-Mranager.

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 HA8 The Largest GovernmentAND The Largest Average Pollcy
Of any Canadian Life Company, thus showing the security and the quality of its policyholders.

A very interesting renewal contract will be offered to a few first-class agents. Write
E. S. MILLIR, Provincial Manager,

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MONTREAL, Qu•.
the property, and a display of grand style in living, were the weapons with which the fraud was carried on by the Humberts. Their career of lavish display was interrapted by their extradition from Spain, but the adventuress persisted in the reality of the millions to the very last, although she must have expected that a day of detection would arrive.
She stated during the trial that she had a great secret to disclose, the revelation of which was to deliver her at once. This turned out to be an assertion that one Crawford, the presumed testator, was a spy named Reg-

Mutual Reserve Life INSURANOE COMPANY.
FREDERICK A. BURNHAM, Presidont. 306, 307, 309 Breadway. . NEW YORK. Centificate of the Valuation of Policies

Three and One-haipend Four pio STATE OF NEW YORK INSURANCK DEPARTMENT, I, FRA NOIS HENDRIOKS, Auperintendent of Inauranco of tho Btave







$\mathrm{Net}_{6}$ Vrlue of Policlies......... \$4,045,687
Additions.
Annuities:
Less Net Value of Policies relnsured
\$4,045,687
iN WITN ESS WPEREOF IN WITN 8 \&S WREREOF Thave bernunto set my hand aad causen [8sal] year firea above writen. CIs HRNDRICKs, Supt. of Insurance.

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## Union Assurance Society of LONDON.

(Ingtituted in the heien of Quege Amisi, A.D. 1714.)

ONE OF THE OLDEST AND STRONGEST O FIRE OFFICES.
Camada Bramor
Oor. 8it. Jemes and Mocill streots,
MONTREAL
T. L. MORAISEY; Manager.
nier, who had acted as a go-between for Bismarck and Bazaine during the siege of Metz in 1870 , a statement adroit enough of itself to impress many persons in France, people forgetting that Regnier did not die until three years after the inheritance was said to have devolved, a creature who never possessed or could possess so large an amount of money. Bazaine, it is well known, had no fund of the kind under his control, and Bismarck was not the man to spend money in so grand a way. People are now laughing at the credulity of bankers and others in Paris who advanced the enormous sums of money on such shallow statements. Any novelist in the gay capital would have invented for her a better romance than that she alwavs concluded during the trial by saying that she would "lay the millions on the table." She could have called herself heiress and trustee of Bazaine, talked of the plunder of Mexico and so on. What she did with the money is not yet explained, but shé appears to have expended about $\$ 80,000$ in luxury, buying everything that she fancied, paying $\$ 15,000$ for a dress and about $\$ 180$ for a hat, to say nothing of picturek, fine tapestries and bric-a-brac. But fashionable shopkeepers the world over need no description of the methods on a small scale.

The swells of Paris hung about Madame Humbert; the artists were at her feet, and even the most careful business men, such as bankers, money-lenders and soli-
citors, yielded to the charm of her credited millions. Even after M. Waldeck-Rousseau had publicly declared that in his opinion her story was entirely a fraud, that the millions had no existence, she found people ready to lend her great sums of money upon the strength of her promises and of the "millions in the great safe," which some persons were found to say they had seen, and which the money-lenders might have requested to have examined for themselves. The one among them who burst the bubble had advanced her upwards of $\$ 500,000$, all lost, of course. She must have offered heary interest and bribes and heavily paid influential agents; but there was a reluctance to question or investigate her stories, showing a positive willingness to beclieve, "an inability to think anyone so admirable as an inheritor of millions could be an ordinary cheat.'
In Canada as in other countries there is dangerous symptom such as was revealed at the trial of the Humberts, namely, the gradual "spread of popular suspicion." All through the history of the case one cause of the deep interest felt locally in its progress has been the belief that it might prove another Panama scandal. "There is," as we read, "no evidence whatever that Madame Humbert or any of her family ever succeeded in bribing anybody except her creditors; but it is certain that she said she had, and that her threats to make a grand exposure of important personages if she were arrested met with nearly universal credeyce. Ministers of State, Judges, Police Magistrates, every one who had ever visited at her house, or had any connection with her trials, were all supposed by the "man in the street" to be open to bribery, and many of them to have been bribed. There was a list, it was said, of the "corruptibles," and it was to be produced in open Coirt, with Madame Humbert herself to give the details and furnish the proof. She was to bring the social edifice crashing down upon the heads of those whom it shelters, and to march to prison over the ruin of the greatest reputations of France. Slie made no accusations-probably had none of any moment to make-though up to the last moment a dossicr, or bundle of papers supposed to be full of dangerous secrets, lay upon a table in the Court; but of all Madame Humbert's falsehoods, her threats of ruining politicians and Judges were those which found the multitude most credulous.
That is a very bad symptom. It may mean that the thirst for wealth has invaded the official class, and that the bureaucracy, invested with great power and wretchefly paid, is beginning, as in Russia and Turkey, to turn its prerogatives into money, thus destroying its moral influence as well as its efficiency. Or it may be that the suspicion born of hatred and envy with which the plutocracy have long been regarded by the multitude in France and elsewhere has extended itself to the bureaucracy, who from the fall of the Legitimate Monarchs till now have been regarded as the protectors of the people. In a strictly centralized Republic it is necessary that every agent of the State should be not only incorruptible, but beyond a suspicion of the possibility that he may be corrupt, or the plans and reforms of the central power will be baffled at every turn. What is the value of legal decisions if the Judges are corrupt, or if, as would seem to be the case in Paris and elsewhere, the people think that whenever the cause is heavy, money or the interference of Ministers will influence the Court's decrees?

The great trial ended in Madame and her husband's being sentenced to five years of solitary confinement, and their accomplices, including a son, to three and two years respectively. The total amount of the alleged fortune was $\$ 20,000,000$.

## (ANADIAN PACIFIC RAILWAY REPOR'T.

"The line will not tarn enough to pay for the grease on the wheels," was said of the Canadian Pacific Rail. way during the time of its initiary work by one of the ablest of Camalian statemen. (On the other hand, the "Journal of Commerce," from the first, expressed sanguine views as to its success, and took every opportunity. of recording every step of its progress and every indica(ion of its developing a lucrative trattic. To-day the statemiman must ralize the un-peakable folly of his prediction, while we have the proud satistaction of teconding an even gieater triamph than be predictal. Exactly 18 years ago, almost to a day, we wrote:
"It would appear as though the Canadian Pacific Railway' Company must keep on furnishing surprises to the people of Canada, and to some extent those in England and the United States, in order to keep one section convinced that the company is not in a state of absolute despair for the future of this gigantic national enterprise, now almost completed, and to prove to another section that the company does not possess the greatest bonanza on earth.

This we said apropos of the company notifying the (iovermment that it did not require, and therefore returned the advance voted it by Parliament of $\$ \overline{0}, 000,000$. In November, 1885, we gave "the position of the compauy roughly" as follows:

| Capital stock | \$ 65,000,000 |
| :---: | :---: |
| Bonds outstanding. . | 15,000,000 |
| Government bonus. | 29,880,000 |
| (anada Central \& Q. M. \& O. debts | 5,323,000 |
| Land Grant Bonds. | 3,688,000 |
|  | \$118,891.000 |

"Against these liabilities," we said, "there will be $3,3 \pi 1$ miles of road and appurtenances, which at the estimated value of the portion constructed by the Government, and actual cost of the rest, will be worth,


With $21,000,000$ acres of land valued by the company at $\$ 2$ per acre to be realized upon, and a sum of $\$ 12$,500,000 in the hands of the Government for payment of 3 per cent. dividend on the stock until 1st August, 1893."

We remarked on above statement, "This is certainly a very satisfactory financial position. It is evident that the road is rapidly getting on a solid basis, with earnings commensurate with its expenses and fixed charges." Those earnings were as follows:


No that before the Canadian Pacific was complete, it was paying for the grease used on the wheels, and laying aside a fund for paying the stockholders a 3 per cent. dividend.

In 1885 an essay was published by a distinguished Professor at Cambridge Tniversity, in which he points out the enormously valuable services which the Canadian Pacific will be able to render to the Mother Land and the Empire by providing the shortest and mo-t attractive road to the East.

We have indulged in these reminiscences becanse it is desirable to recall the history of the early carcer of this enterprise in order to note whether its progress has been as satisfactory as itsomore sanguine friends hoped to see, and to show the croakers and the bears who fain would damage the company's intereste with what a firm, unfaltering, ever strengthening step the Canadian Pacific has marched on from one success to another since the day it was initiated. An enterprise with such a record is not to be discredited by the howling of a pack of stock exchange bears, who would fain upset the hive and steal the honey within.

The 22nd annual report for year ending 30th June last has the following:


Deduct fixed charges.
Surplus.

From this there has been charged a half-
yearly dividend on Preference Stock of 2
per cent. paid 1st'April, 1903 ......... $\$ 650,000$
And a half-yearly dividend on Ordinary
Stock of $21 / 2$ per cent., paid lst April,
1903..

2,112,500

From this there has been declared a second half-yearly dividend on Preference Stock of 2 per cent., payable 1st Octo-
ber, 1903 . ber, 1903. . . .................. dinary Stock of 3 per cent., payable October 1st, 1903.

650,000
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## LEAKAGES IN THE CUSTOMS.

It would be exceedingly interesting to ascertain the value of dutiable goods brought into the country on which no duty is ever collected. Nearly every business man in our large cities believes that large quantities of valuables find their way into the hands of unserupulous dealers and consumers in Canada. Every ship that enters our ports contains more or less of such contraband merchandise; many railway trains coming from over the border carry goods which should assist in swelling the revenue of the country; articles easily stowed away in sleeping and parlor-cars or borne on the person, such as watches, jewellery, gloves, laces, etc., do not contribute as freely as could be desired to the lists printed periodically in our Tables of Trade and Navigation, to the evident injury of legitimate business. This doubtIess is inseparable from the existence of a protective tariff, for the higher the duty the greater temptation to smuggle or otherwise evade the duty. Canada and the United States are more especially subject to this fraudulent practice, and our long political line renders detection often extremely difficult. There are establishments along the border of the Eastern Townships where a thriving business is believed to be carried on in this illegitimate manner, for it would require a customs agent at every half-mile to effectually put a stop to the practice.
Retail clothiers in our cities are credited with being of easy morals when a customer from across the line puts in an appearance. The stranger will be assured that there is no danger whatever in having his goods made here; they will guarantee to deliver them free of duty or freight at his residence in New York, Boston or Portland. Although there is not equal inducement at the present day as during the earlier years of the business in the States, there is still enough of it to make Uncle Sam wipe his eyes. The "image in ebony" is a convenient messenger at all times, and until inspectors are directed to examine something more than personal baggage the revenue of both countries must continue to suffer. The search for goods concealed about the person is one of greater difficulty, and is but very rarely resorted to, especially when entering Canada.
Although it must be admitted that there is as a rule much more tact exercised by the officers of the United States than by our own too-often curt agents who, evidently desirous of showing that they are earning their scanty pay, insist upon a scrutiny that is anything but gratifying to the suspected "smuggler," obliged to handle and open and repack his or her trunk before a curious group of gazers. It is, however, when some poor immigrant is made to expose his or her box of wretched belongings that the onlooker sees the pity of it, and feels like breaking the peace with the ruthless examiner. So effective has this rigid examination proved after many years of irritation that customs examiners now admit that smuggling by rail into Canada in personal baggage has almost ceased, and the positions of examiners practically become sinecures were it not for their "works of supererogation." It may appear not a little
singular that notwithstanding the difference in the duty, tobacco still continues to be among the principal articles carried free into Canada. It is claimed that the United states manufactured article is more palatable than the (anadian, but there are others who account for the preference by the old saying about "stolen fruit"; others, although not among the train conductors, contend that the Canadian article is more genuine. If there were to be a test, the line should surely be drawn at the domestic home-cured article with its pungent malodorous fumes.
Cottons of a finer make are also said to be the object of the smuggler's desise, but the preferential tariff would appear to be driving this method of doing the cotton business to the wall; the same may in a small way be said of boots and shoes and confectionery. It is worthy of remark, perhaps, here, that the prices of goods in the l'nited states show a tendency downwards as compared witli those in Canada, notwithstanding the much higher protective tariff on the other side of the border, a fact which some of Mr. Joseph Chamberlain's critics may be able to satisfactorily explain.

## A HOTEL LESSON.

It may be assumed to go without saying that the conduct of the person whose work is not timed by the regulated motion of the loom or other machines which he or she attends, by which the amount of work performed in a tixed number of hours per day is controlled or measured out by what the operator judges to be a fair return for the wages paid, is not-however contemptible-to be phaced in the same evil category with that of the employe who, when opportunity favours, will filch from those who pay him for an honest and diligent discharge of his duties a portion of the money or goods which pass through his hands. That such dishonest practices are too common in lines of business where no adequate check can be placed upon the amount handled of money or small valuables readily concealed about the person, is generally admitted, and this in spite of such contrivances as "cash registers" and street-car boxes. Large hotels, especially those not personally conducted by the owners, are particularly credited with erminal waste of lood and wiful damage to walls, imrniture and carpets. Condiments such as pickles, olnes and satuces, when exposed by waiters, are allowed to remam uncork ed, and in a day or two are destroyed by mould or evaporation. Hooks or nails are driven into plaster-wais, furniture is used roughly, carpets spat upon. It is not surprising, therefore, that strenuous means have occasionally been resorted to wath a view to lessen or elimusate the damage or waste thus committec.
One of our leading city hotels was recently the scene of such an endeavour. The owners, who are men not to be trifled with, were convinced that dishonest practices had been going on in the hostelry for some time, but were unable to bring them home to the guilty parties. Two detectives from a city where people soon learn to keep their eyes open, put up as guests at the hotel, and it was not long ere they became the confidential friends
and companions of many of the unsuspecting employes In the course of a week or two the plot was ripe; many of the suspected ones were charged with barefaced theft, and admitted their guilt; these and others whose indifference to the interests of their employers had been but too patent, a very large proportion of the officers and servants, were summarily dismissed, much to their disgust at being taught a lesson which it is to be hoped may do them some good, a few thankitul enough at having escaped so easily. Some of the hands had been living in clover for a considerable time and had become careless in their appropriations. Others kept pace with some of the golden youths of the East End in their endeavours to "live like gentlemen." They went on unsuspectful of the rude awakening of the moment when the meshes closed in upon them. There is nothing more true than the old Yankee saying, that "it takes a mighty smart man to run a hotel"-let alone a railway.

## INLAND TRANSPORTATION AND THE PORT OF MONTREAL

Whatever may be the merits of the hastily conceived scheme of the Winnipeg to Moncton feature of the transcontinental railway proposed by the Laurier Government, as a colonization measure that will open up new territory for settlement, it may fairly be admitted that the discussion in the House of Commons, so far, has pretty well demonstrated to one side of party supporters that it will never prove to be a successful competitor for the trade of the great North-West as against the mixed rail and water communications, now existing; while those on the other side of the House are no less convinced of its great possibilities.
The debate in the House of Commons has been lengthy, and whatever the final fate of the Government measure may be, a great deal of information on the subject has been well brought out. The general outline of an alternative plan for attaining the object proposed by the Hon. Mr. Borden, the leader of the Oppiosition, has obtained much attention.
The important part of the Hon. Mr. 'Iarte‘s speecil was embraced in a letter he addressed to sir Wilfrid Laurier on this subject more than a year ago, to which he still adheres, and read to the House. That letter was a lengthy one, and set forth the advantages of a mixed rail and water route, and the importance of providing all the most modern facilities at the different points so as to ensure that all the traffic shall pass over the St. Lawrence route. The views expressed in that letter are those of a broad-minded man, and will commend themselves to most of those who have read them. There is nothing sectional in them; he believes that the benefit will be felt all along the lines laid down.

It.is evident, however, that he considers it inevitable that Montreal must be the chief meeting point for the inland and the ocean trade. He eloquently points out that to meet the requirements of the country, Montreal
should be handling position, as
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The hum member of read a part House of C made! Afte him why he time and at somewhat la by the mem not, as there the Board apparently, ' ed himself then "they r not appointe only the H 0 speak back.
Such diseu remains that trade in the years ago, so
should be properly equipped with modern facilities for handling that trade instead of being left in its present position, as "the worst equipped harbour in the world." That is somewhat rough on Montreal, but there is more than a modicum of truth in his ştatement. However, his letter does not appear to have made any impression on the Premier at the time, and shortly after the Minister of Public Works-as we all know-was asked to resign his portfolio, and nothing has as yet been done to afford any more facilities for handling the traffic in the port than existed when the present Government took office, notwithstanding all the promises made. The whole of these promises, or, at least, some of them, were only made to be a mere flash in the pan to suit the purpose of politicians who trade on the well-known patience of the people of Montreal.
The inference to be drawn from that letter of the exminister is, that if he had remained in office the Harbour Commission would have been abolished, and the halbour would be administered as a department of the Government and an adjunct to the system of canals and the general transporation of the country. As the position now is there is divided administration and no direst responsibility that can be reached. The Government cannot initiate anything in the way of improvement, the Harbour Board cannot act freely of its own motion, and is dependent on the Government for the means to carry on its works of enlargement. There is further such a divergence of opinions in this peculiarly constituted Board that it seems to be impossible to obtain agrecment as to what should be done and how to do it, and it has laid itself fairly open to the somewhat scathing reflections made by the ex-Minister in his recent letter to the Premier.
According to the reports in the daily papers, that letter, and the remarks of the Hon. Mr. Tarte in his speech, gave rise to a peculiar discussion at the meeting of the Harbour Board. The charge of incompetence to perform their duties laid against them by the ex-Minister-although it was qualified by the statement that otherwise they were worthy mdividualsseems to have given rise to indignation and angry feelings in the minds of some of the members.
The humour of this incident is that it was the one member of the Board who started the discussion, and read a part of the fateful letter, who has a seat in the House of Commons, and heard the feartul accusation made! After he had concluded, one irate member askei? him why he had not contradicted the statements at the time and at once. The strangeness of the scene was the somewhat laconic reply to that simple question given by the member to the effect, as reported, that he could not, as there was lots of truth in it! Other members of the Board expressed themselves indignantly, forgetting, apparently, that the ex-Minister had frequently expressed himself in similar terms whilst he held office, and then "they remained mum under the lash," for had he not appointed them to office? Now the ex-Minister is only the Hon. Mr. Tarte, and they feel at liberty to speak back.
Such discussions do not help matters. The hard fact remains that the promised facilities to be afforded the trade in the port are not one whit nearer thian they were years ago, so far às can be seen. As the ex-Minister
says, it is only the geographical position that Montreal enjoys, that has enabled it to hold its own and make some progress, notwithstanding that it is the worst equipped port in the world, as that Hon. gentleman expressed it.
It is true there has been one elevator for grain in course of construction for a long time, but no one can say when it will be ready, or fit, to do the work for which it was intended. From appearances it is not at all likely to be ready for any part of the season of 1904. No arrangements are even talked of, so far as we are aware, for the conveyors, and even when they are built and work properly the elevator is so constructed-it is said by those who should know-that only two vessels can be served at the same time instead of six as was expected to be provided for when the plans were being prepared.
The Commissioners are talking now of spending millions of dollars next year, and in the future. It would be interesting to know what is contemplated in that direction. The trade is not made aware of any matured plans. We fancy that the egregious folly of the costly two-storey steel sheds will be dropped. Practically some of the larger steamship lines have settled that question as far as they are concerned by the erection of spacious, well-constructed sheds of a permanent character that are not at all likely to be disturbed. $T$ Those sheds are only one storey in height, which is all that can be required for the trade of such a port as Montreal.

The fine new pier at Maisonneuve is now nearing completion. That is essentially a Government work and of course the Harbour Commissioners have no responsibility for its construction. There is the consideration, however, that it is intended to be a work that will increase the trade of the port. The railroads now seeking an entrance to the harbour at the east end will naturally bring trade to that pier, and to make it of the value expected an elevator for grain will be a necessity at that point. It is unfortunate that the ex-Minister of Publie Works had not máde any provision for that work before he retired. It would seem to be the duty of his successor to see that this is done. The Harbour Board might well draw the attention of the Minister to this matter.

The above article was omitted from last week's issue.
-The Board of Trade returns for August, according to a London cable, give the imports from Canada as follows-Wheat $1,426,958 \mathrm{cwts}$., valued at $£ 494,143$; wheat meal and flour, 292,176 ewts., $£ 139,075$; corn, $510,013 \mathrm{cwts}$. $£ 131,709$. The number of cattle was 28,444 , calued at $£ 498,408$; the number of sheep and lambs, 10,534 , valued at e17,818; bacon, 79,903 ewts., valued at $£ 209,392$; hams, 21.925 cwts. $£ 59,783$; but ter, 34,796 cwts., ' 162,074 ; cheese, 300,687 cwts., $£ 725,658$; eggè, great hundreds, 1,920 , valued at $£ 732$; horses, 48 , valued at $£ 1,848$. Compared to the same period the two previous years, wheat, corn, cattle, sheep, lamps and bacon show $a$ fair increase, and wheat meal, flour, butter, cheese and eggs a slight decrease. The total value of the imports from Canada for the period was $£ 3,402,556$, and the value of the exports $£ 652,004$. -Fuller details to hand regarding the emi gration returns show that in the month of August 4,388 Eng lish, 999 Scotch, 268 Irish and 3,036 foreigners emigrated to Canada. To Australia and New Zealand the total was 1,170 to South Africa a total of 6,208, and to the United States went 10,113, viz., 2,531 English and Scotch, 4,139 Irish, besides 15,535 foreigners.

## WHAT CANADA BUYS-(54).

We continue publication of a list of the goods import- manufacturers in the United Kingdom and their repreed by our own people during the fiscal year ended 30th sentatives who would avail themselves of the advantages June, 1902, with the view of affording information to those of our friends abroad, who may be desirous of opening up or extending business in Canada. This alphabetical list, compiled from the Customs returne, is unavoidably voluminous and will probably run through the greater portion of the "Journal of Commerce" for the current year: it should prove most valuable to those offered under our Differential Tarifi which, it may be seen, allows one-third off the orimary duty on goods of British manufacture experted to Canada. Any information which, alphabetically, must recur later on in our tables will be furaished meantime on application to the office of the "Canadian Journal of Commerce," Montreal. Newer returns show considerable increases:

DưThablat goons.-(Continued.)


Paper, and manufactures of, not otherwise specified, viz:-Albumenized and other papers and films chemically prepared for photographers' useGreat Britain
Germany. United States
Total. . .. .. .. .. ..
Bags or sacks, printed or not--

Bags or sacks,
Great Britain.
France.
Germany .
United States

| Total |  |  |  |
| :---: | :---: | :---: | :---: |
|  | ... | 30,245 | ...... |
| Cards for playing- |  |  |  |
|  | Packs. |  | Packs. |
| Great Britain. . | 23,100 | 3,489 | 2.640 |
| France. . | 144 | 1 | 144 |
| Japan. | 1,200 | 29 | 1,200 |
| United States.. .. .. .. | 364,054 | 35,192 | 372,314 |
| Total | 388,498 | 38.711 | 376,298 |

Calendered, including writing and note paper, ruled-
Great Britain.
China.
Germany.
United States.
$\ldots \ldots$
$\cdots \cdots$
$\cdots$
$\cdots$

| 4,695 |
| ---: |
| 500 |
| 100,084 |

## 

## finuoh hepomma

-Total tmports-
Quantry. Volue. Quantity.
cmened foi houis Combulipmoly General Tarlit.
Vahue. Duty. Quantity. Value. Nill Duty.

Paper and manufactures of-Card board, paste board, in sheets or cut to size, N.E.B.-


Paper, felt or straw board, tarred-
Great Britain.
Germany
United States.
Total

Ditto., not tarred-
United States.

Hangings, or wall paper-

|  | Rolls 8 yds. |
| :---: | :---: |
| Great Britain. . | 55,971 |
| France. | 3,348 |
| Germany . . | 4,438 |
| Japan.. | 838 |
| United States.. | . $2,589,117$ |
| Total | .. 2,653,707 |
| Borders and bordering- |  |
| United States.. | 25,860 |

Great Britain
United States
Total. .

Mill board, not straw board-
?

United States.
Total
$\square$ 15

| 15 | $\cdots \cdots$ |
| ---: | ---: |
| $\mathbf{1 9 , 8 4 4}$ | $\cdots \cdots$ |
| 19,859 | $\cdots \cdots$ |


| 10 | 3.75 |
| ---: | ---: |
| $-\frac{19,844}{19,859}$ | $-\frac{4,961.00}{-}$ |

$\qquad$
$\qquad$ $\ldots$

Union collar cloth paper, in rolls or sheets, not glossed or finished-
United States. . .. .. .. .. ...... 2,717 . . . . .
$\qquad$
2,717 $\qquad$ $-\quad 2,717$
407.55 $\qquad$
$\qquad$
$\qquad$
Union collar cloth paper, in rolls or sheets, glossed or finished-
Tnited States. . .. .. .. ... ...... . 164 .......

$-154 \quad$| 154 |
| :--- |

## sUme Changes in drters.

It was not to be expected that the advance of one cent an ounce annotnced a week ago, by manufacturers of quinine, shoutd be received with any surprise, Inasmuch as the position of the market has long been held to warrant higher prices, which were finally brought about by the small shipments of vinchona bark during the month of August and by the higher average price per unit, at which the bark auction at Amsterdam went off on the 3rd instant. This same, it aill be remembered, was one of the largest on record, the offerings consisting of 10,889 packages, but, in spite of this only one per cent. of this amount remained unsold, the balance going off at an average price per unit of a fraction under seven Dutch cents, the exact figure being given in the following table, compiled by the Oil. Paint and Drug Reporter, which shows, also, the average prices at which each sale went off, since the first of 1800-

| First.. | -Dutch Cents- |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1903. | 1902. | 1901. | 1900. | 1899. |
|  | 6.45 | 7.50 | 7.25 | 8.90 | 4.70 |
| Second. . | 8.20 | 800 | 7.50 | 10.65 | 6.70 |
| Third | 7,65 | 8.60 | 9.00 | 10.00 | 10.90 |
| Fourth | 7.25 | 8.65 | 10.00 | 10.10 | 8.50 |
| Fifth | 4.20 | 7.25 | 10.50 | 10.35 | 8.35 |
| Sixth | 6.55 | 6.10 | 9.00 | 10.80 | 7.60 |
| Seventh. | 6.90 | 5.00 | 7.60 | 11.75 | 6.25 |
| Eighth.. |  | 6.80 | 8.25 | 12.25 | 5.35 |
| Ninth.. |  | 6.05 | 7.75 | 10.90 | 8.80 |
| Tenth. . |  | 6.25 | 7.75 | 8.00 | 7.75 |

Immediately after the result of the sale became known, the German makers announced an advance in the price of quinine to the basis of twenty-five cents an ounce for bulk. Their action was followed, almest immediately, by U. S. manufac turers, the minor salts participating in the advance. Second hands very haturally, raised their views and the higher prices had the efiest of stimulting business to a consderable extent. Several large buyers appeared in the market with inquiries for round lots.
As noted in a foregoing paragraph, a feature, which has added considerable strength to the situation, was the comparatively small amount of bark shipped from Java to Europe during the past month. The quantity- 550,000 kilograms-is less than was shipped during the preceding month, and very much below the shipments during August, 1902.

Rosins Higher.-The market for rosins has been exceedingly firm, and a sharp advance in prices has taken place. This was attributed to the small stocks on the spot, held by first and second hands, and the strong advices recelved from southern markets, coulled with a steady demand. The strength of prices for the extremely low grades and pale rusins was quite pronounced, owing to the very light available supply. Prices of pale rosins particularly, were at the option of sellers, and quotations have been wholly nominal, as buyers who were fored to make purchases were obliged to pay fancy prices, ranging from ten to twenty cents above quotations, paticularly $^{\text {a }}$ or good window glass and water white rosins. It was stated by members of leading New York firms that the umprecedented rise in prices has been principally due to the sharp rise in prices at savannal,, wnich has been short interest. It is not believed that the high level of prices will hold for any length of time, as they are considered artificial under the momentary influence of strong speculative manipulations.
Opium Prices Lower.-The market for opium is in a wildly unsettled condition as a result of keen competition. Prices wre lower, but it is difficult to name a definite tigure at which goods may be bought, just at this time, as the proneipal holders have withdrawn quotations for the present, with the announcement, however, that they are ready to meet competition, while other sellers are quoting the prices asked last week. Aside from competition, there is no reason apparent for the decline, and we look to see prices go back to their former level, if not higher, with the appearance of any demand. Advices from Smyrne are strong, with some dealers looking for an advance.

September Uocoa Butter Auctions,-The regular monthly sales of cocoa butter were held at Amsterdam and at London on the 3rd instant, and the average price parf at each showed a decline, that at Amsterdam being sixty Dutch cents per halfkilogram and that at London being eleven and a quarter pence per pound.
The principal reason for the decline was the lack of interest shown. The offerings were a little heavier than those of the preceding sales, but were far below the average for the year. At Amsterdam there were sixty-five tons of Van Houtert's brand, twenty-two tons of De Jong and sixteen tons of German brands, or a total of one hundred and three tons. Thé offerings at London consisted of fifty tons of Cadbury's brand.
High Prices for Cascara Sagrada.-The market for cascara sagrada has been in upward tendency for a number of months, but it is only within the last week or two tnat prices have shown any marked advance. At the present time, however, values on the spot are over one hundred per cent. higher than they were during the week before last. The normal price of cascara sagrada being in the neighborhood of five or six cents, the present prices are, therefore, due to abnormal conditions. The great scarcity of the bark is a consequence of the heavy grain and other crops, the harvesting of which has taken many people who, in former years, used to make considerable money, in a small way, peeling bark. Latest dvices by cable from the London market, report that stocks there are exhausted.
Dealers predict that the price will go to fifty cents a pound and while, a year or two ago, such views would not have been considered, they are now receiving serious consideration.

## requlating speed

A check is being put on the speed of automobiles in Ontario. The Provincial Secretary is, we learn, communicating with the Mayors of the cities and towns, and the heads of other municipalities, throughout the Province, in regard to the new automobile law, seeking their co-operation in carry ing out the provisions of the act. The letter calls attention to the necessity for the owners of automobites registering, and the displaying on the back of each vehicle the registration number; the proper equipment with means of giving warning of approach; the speed at which they may be driven; the care which must be exercised by motorists to avoid frightening horses, and to the other provisions of the act.
The letter also states that as the motive of the bill is to protect the public against the improper driving of motor vehicles, and at the same time to clearly define the rights of automobilists, the department is prepared to turnish a sufficient number of booklets containing the act to provide each member of the police force of the municipality with a copy. The request is also made that the police be instrucfed to see that all motor vehicles operated on the streets of th city are properly licensed, and that the registered number is exhibited on the backs of such vehicles in accordanee with section 2 of the act.

## SLIPPERS MADE OF PAPER.

Some of the European hotels are introducing a novelty by furnishing each guest on his arrival with a pair of paper slippers, and the plan is expected to contribute largely toward the cleanliness of the hostelries. The slippers are cheap. Thy are made wholly of paper. The soles are of pastebcard and the rest is made of white or brown paper, stitched with heavy cotton to prevent tearing. There are various qualities. The most expensive is made of extra quality of white paper. The cheapest is made of common brown straw paper.
These paper slippers are so cheap that new ones can be furnished to each guest. An attempt is being made to introduce them in hospitals and pmblic inctitutions, as they would add much to the cleanlines and form another preventative of contagion, since each pair could be thrown away or destroyed as soon as the wearer has done with them.

The ge ter, Eng mainly, sumption cotton be fair quite a should next yea steady,
of sale,
Caustic
though Chlorate

Expor fairly ${ }^{w}$ months \& 4,986, £ 4,986, pathy wi for forw for delive moderate enquiry, tion in moving potash and the soda ar supply. ed for althoug ment. branch tha has zoles ha for 90 pe improve tals are osote th have bee
ing, and pecting of ammo and dem

Miner freight returns pared of 228,8 during 1 decrease seven $m$ in sicily lime the tinus v is lookin coming

Metal
pig iron cheaper, iron is a at Midd few day during $£ 2$ per has ree adrance $5 s$ deare

## CHEMICALAS.

## THE MOHTGAN MINT CROP.

The general demand for chemicals, says a private Manchester, Eng., circular of August 29, is at present certainly slow, mainly, however, from the textte branches, but with the resumption of something like a normal state of aftairs in the cotton trade, which it is hoped may soon oceur, there would be fair reasons for expecting a good autumn business, as quite i number of trttcles tre now offered at prices that should prove attractive to consumers when considering about next year's contracts. In heavy alkalies values remain fairly steady, but demand is not active. Bleaching powder is slow of sale, most buyers having contracted for thefr requirements. Caustic soda is quiet, and prices are rather on the easy side, though nominally unchanged. Ammonia Alkali is quite firm. Chlorates of potash and soda are steady, but in small demand.

Exports of soda compounds and bleaching materials show fairly well in quantity during July; in the seven completed months of this year as compared with corresponding period of 1902, there is in the former an increase of 10,578 tons or $\mathbf{£ 4 , 9 8 6}$, and in the latter an increase of 4,416 tons but a decrease of $\mathbf{£ 4 3 , 8 1 9}$. Sulphate of copper has advanced in sympathy with the metal, and some good business has been done for forward delivery. White lead is receiving some attention for delivery well ahead; other lead compounds are only moving moderately but at steady prices. Green copperas has a fair enquiry, and there appears to be a possibility of some reduction in the output. Carbonate and muriate of ammonia are moving steadily and value unchanged. Caroonate and caustic potash remain quiet, but prices have latterly become steady and the market has a better tone. Prussiates of potash and soda are firm, the former being at present in rather short supply. Bichromates are selling steadily and orders are booked for near delivery only. Tartaric acid is easier on spot, although makers are holding for full prices for forward shipment. Arsenic is firm. Acetatee of soda is more plentiful and acetates of lime are dull. Business in the tar products branch continues in an unsatisfactory eondition. Solvent naph tha has still a poor demand, and at very low figures. Benzoles have a moderate enquiry for gas enrichings and the price for 90 per cent. is somewhat firmer, but 50 per cent. does not improve at all in value. Crude carbolic remains steady; crystals are unchanged; liquid is moving rather better. For cre osote there is some improvement in demand, and higher prices have been obtained. In pitch there is not much business doing, and consumers who have not covered their wants are ex pecting to get in at lower prices for future delivery. Sulphate of ammonia has somewhat declined in value during this month. and demand at present is only moderate.

Minerals.-Prices of iron ore are firmer, higher rates of freight being now asked. Imports continue heavy, and the returns for the seven completed months of this year as compared with the corresponding period of 1902 show an increase of 228,829 tons or $£ 149,345$. Imports of brimstone show well during last month, but this year, up to July 31st, there is a decrease of 1,210 tons or $£ 7,101$ as compared with the first seven months of 1902; prices are ruling steady, and the trade in Sicily is reported to be in good condition. In phosphates of lime there has recently not been much business doing, but after the heavy sales made a little while ago the market con tinus very firm, although now quiet. The China clay trade is looking well: shipments are active, and enquiries are now coming to hand for next year's delivery.

Metals.-There has been very little fluctuation in values of pig iron during the last month; Scotch iron is a few pence cheaper, whilst Cleveland iron is practically unchanged. Scòtch iron is at present steady, with only little business doing, but at Middleboro' there is an improved feeling during the last few days, and more business passing, although with little effect upon values so far. Copper has been moving strongly during this month, and closes firm at an advance of about £2 per ton. Tin, after advancing £2 10 s early in the month. has receded and closes practically unchanged. Spelter has advanced steadily, and is $£ 1$ per ton higher. Lead is about 5 s dearer, but is now rather easing.

Peppermint bil, which sold at \& $_{5} 5$ last January under conditions of scarcity, is now quoted at $\$ 2.50$ per pound. At present there is at peculitr combintition of tnfluences whith wid fair to result in counteracting one another, with the result that the supply will not be far out of line with the demand. From the two facts that the temperature for the past two months has averaged considerably below the normal and that the cold weather has been accompanied by an unusual amount of moisture is derived the explanation for the smallest production per acre of oil of mint for a decade, in the producing fields around Kalamazoo, which is the centre of the world's largest production. An increased acreage, however, will make up for the decreased yield.
Acre for acre, says the Paint, Oil and Drug Review, the product of mint oil in southwestern Michigan will be only about a half crop. "We have made a pretty thorough canvass of the situation," said A. M. Todd, the largest mint grower in the world, "and our reports indicate great injury to the crop in Michigan; in Indiana it will not be quite so bad, though the loss there, will be considerable. The largest grower in Van Buren county has distilled only 240 pounds of oil from 28 acres. That is less than 9 pounds an acre. The largest grower in St. Joseph county has distilled 500 pounds from 50 acres. In each of these cases there is only about a half crop. From 180 acres we-ourselves have only distilled a little less than 9 pounds an acre. It is the same story all along the line. The explanation for this is the cold damp weather we have been having. The cold weather drives the oil from the plant back into the roots and the wet weather washes it out.
"On account of increased acreage, however, I look for about the same sized crop as last year. But it must be remembered in this connection that last year's crop in total amount was the smallest we have had in several years. Crops are not likely to be so large for some years as they were four or five years ago. At that time growers planted a large amount of virgin soil and the crops were enormous. The result was that the price of the oil got so low there was no profit in production. As a result many growers gave up the business and did not plant new soil. The crops which have since been grown have worn out large portions of the soil and it will be necessary to give the soil a rest. ${ }^{1}$ The product will have to be kept up by planting new land until the oil fields are 'rested.'

Growers generally look for prices to be firm. I have before me letters in which growers say they will hold their oil for $\$ 3$ a pound, and some even expect to get $\$ 4$. None are willing to let it go for less than 92.50 a pound, although all these quotations are higher than the New York market price at the present time. However, there is little doubt that the oil will bring good prices. The total acreage of peppermint in this district is about 8,000 acres and in round numbers the crop this year may be estimated at 135,000 pounds. This means that the value of the crop this year will be in the neighborhood of $\$ 400,000$. The crop of 135,000 pounds will be only about half enough to supply the world's demand for American mint, the consumption of which averages from 225,000 to 250,000 pounds yearly. So you see there will be something of a famine.'

Winnipeg advices of the 8 th state that reports coming in from the district where thrashing is general are to the effect that the work is being cleared up rapidly. The straw is light and can be handled easily, the product of one hundred acres in some cases being put through in a day. A report comes from Emerson that one machinp working in that locality thrashed 2,800 bushels in a day, and a thrasher in the Carman district reports 3.000 as a day's record for his machine. The yield is heavier than estimated.-A gentleman writing to a business friend in this rity says that although the wheat crops in the Indian Head district in 1901-02 were considered "bumpers," the yield this season will be fully ten per cent. heavier.

## CANADIAN WINE COMING TO THE FRONT.

A high honor was bestowed on Messrs. J. S. Hamilton \& Co., of Brantford, Ont., on the 25th ult., says the Brantford Courier, when at the launching of the mammoth battleship "Dominion" at Barrow on Furness, their champagne "L'Em pereur" was used at the christening of the vessel. The christening was performed by H.R.R. Princes Louise, Duchess of Argyle, better known in Canada as the Marchioness of Iorne. It was a happy thought of the Admiralty to name the vessel the "Dominion" and the using of this now well-known Canadian champagne "L'Empereur" shows that Princess Louise, Duchess of Argyle and her distinguished husband still keep in view the advancement of Canada, and its products. The "Dominion" took the water without a hitch with the Canadian ensign at her stern, and afterwards guests to the number of 260 were entertained at luncheon bf the Messrs. Vickers, when several patriotic spéeches were made, all filled with complimentary references to the Dominion of Canada.

## olive oil in spain.

The Britisll consul stationed at Barcelona, Spain, makes the following report on the olive oil trade of his district:-The export of olive oil has increased enormously during the last three years. Inquiries upon this subject have led to the conclusion that the olive production of the valley of the Ebro was in a neglected condition until quite recently. The trees were uncared for, the methods of extracting the oil antiquated, and the result was a coarse product which for the most part served only for manufactures. But the French digcovered that good and even superior olive oils were obtainable in Lower Aragon and the Ebro Valley, and a demand speedily appeared, which has led to the introduction of modern appliances and an unlooked for development in the industry. Hundreds of presses have been installed in the villages within a short time, and numerous are the proprietor's and wine growers who have converted themselves into exporters of oil. Given a crop free from blight the production would seem to be unlimited, with a ready market close at hand. It is not surprising, therefore, to find at the moment the thing has been overdone, and that thousands of casks'are lying unsold in Marseilles, on which the producer has received perhaps 75 per cent. of the value from bankers. Prices have fallen away quite 20 per cent., and speculators are lamenting a ruinous season.

## NEW INCORPORATIONS

The Vera Mining Co., Limited, is a new million-dollar venture, comprising Canadian and United States capitalists. The head otfice of the company is at Sault Ste. Marie, the provisional directors being Patrick J. Finlan, Duncan B. Maedonald, Percy Robinson, Thos. Robinson, Lachlan McTavish, Isaac Rubenstein, Charles Austin Anderson, John O'Boyle, and John Alexander Hussey.-The new Ontario Farm and Town Sites Syndicate, Limited, head office Toronto, has been granted a charter with a share capital of $\$ 300,000$. The provisional directors are Henry T. McMahon, Edythe E. Charlton, and Olive B. Clarke.-The Investors' Company, Limited, head office To ronto, is capitalized at $\$ 100,000$, the provisional directors being Ashley C. Cornell, Edmund L. Young and Jas. H. Hallett.
The following companies have also been granted letters of incorporation:-The H. A. Clemens Company, Limited, contractors, Guelph, capital $\$ 50,000$; J. E. Murphy Lumber Company, Limited, Milford Haven, Algoma, capital \$100,000; the Lucinda Gold Mining Co., Limited, Sault Ste Marle, capital $\$ 100,000$; A. J. Stewart, Limited, confectionery, Toronto, $\$ 50$, 000 ; the stratford Improvement Company, Stratford, Ont., capital $\$ 50,000$; the Cornwall Paper Manufacturing Company, Limited, Cornwall. capital 2250,000 ; the Farrar Trenepartation Company, Collingwood, capital $\$ 250,000$. The increase of the capital stock of the Moose Mountain, Limited, from $\$ 100,000$ to $\$ 2,000,000$, is authorized; also that of the Wallaceburg

Sugar Company, from $\$ 350,000$ to $\$ 500,000$.-The American Seeding Company, of New Jersey, has been granted a license to manufacture and sell their machinery in Ontario,

## DAIRY PRODUCE.

A private London circular, date 28th ult., treating of the dairy produce situation, says: - Butter.--The temperature and Other climatic conditions of the weather show the same unusual character which has prevailed for weeks. The demand for Canadian butter is without any special feature worthy of note, but the price being about 6 s per cwt. below that of last year, while other butters are higher ought to bring it into greater requisition as it apparently is the best value on the market. Saltless Canadian is very scarce and factories in Canada decline to make it except at a considerable premium over salt, owing to risk of mould. Values remain the same as last week.
Austrálian and New Zealand stored butters continue to arrive in small quantities and those which are sold bring from 94 s to 98 s according to quality. The Copenhagen official quotation has been raised by 2 kroner, and now stands at 88 against 89 for the same week last August. Although Russian imports for the last four weeks are 12,848 cwts. in excess of last year, the quantities arriving weekly are diminishing. last week's arrival being 10,894 cwts. below that of a month since.

Cheese.-The demand for Canadian cheese has not been so good as it was last week; buyers have been expecting a reduction in price but their expectations are not likely to be realized. Instead of weakening the market is stiffening. Prices for both white and colored remain unchanged from last week. The Agricultural Returns (preliminary statement) for Great Britain have been published, and show that the total cattle on 4th June last were 148,634 in excess of the previous June. Cows and heifers in milk or in calf show an increase in the year of 32,079 .-Canadian choicest cheese 50 to 51 s , finest 48 to 40 s . Corresponding week, 1902, choicest Canadian sold at 48 to 49 s , and finest at 46 to 47 s .

## germany's attitude toward the tariff.

The Chemnitz Chamber of Commerce has, we are informed addressed to the German Government memoranda dealing with the probable effect of the surtax imposed by Canada on German exports with the advisability of counter measures on the part of Germany. The chamber approves the action of the Government, and trusts that it will continue to safeguard the interests of German industries in Canada. At the same time the chamber urgently warns the Government in its further pursuit of the matter not to overlook the grave dangers in which a tariff war with Canada would involve German industries in their relations with Great Britain. A tariff war would inflict wounds difficult to cure.

The chamber would hail with pleasure a solution of the present situation based on a friendly compromise leading to a treaty with Canada by which German industries would be enabled to retain their market. The chamber considers that Canada's effort to induce Britain to establish preferential relations should not be condemned as unreasonable, and holds that a modest preference need not serious damage German exports, but recommends decided counter meàsures if Canada and Britain showed themselves averse to a compromise.
-The customs revenue of Canada for July and August, the first two months of the new fiscal year, totals $87,131,460$; an increase of $\$ 1,201,773$ over the same period in $190^{\circ}$. For August the improvement over the corresponding month last year was \$581,311.

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on bond

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surplus.
Deduct am

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From this ond halfStock of ber, 1903. And a seco dinary S October

The work cent. of the cent., as co in 1902.
Your dire pany contro ing from Re Ontario, a this be done approve the and 35,182 s per cent. of Railway Con curities. Th rangements formal lease several year gary \& Edmo in return th tween points reached by y settled with has grown $t$ your director the railway they entered from Macleod

## Meetings, Reports, \&c.

## THE C. P. R. REPORT.

The twenty-second annual report of the Canadian Pacific Railway Company, being for the year ended June 30th, 1903, was issued to the shareholders on the 7th inst.
The accounts of the company for the year ended June 30th, 1903, show the following results:-

| Working expenses.. .. .. .. .. .. .. .. .. |  |
| :---: | :---: |
| Net earnings <br> Interest on deposits and loans. |  |
|  |  |
| Interest due from the Duluth, South Shor \& Atlantic Ry. Co., on Consolidated bonds held by the company, $\$ 604,280-$ |  |
| less advanced by the company, $\$ 142,28$ | 462,000 |
| Interest from Minneapolis, St. Paul \& Saul Ste. Marie Ry. Co., on bonds held by the company. | $\mathbf{1 5 9 , 7 2 0}$ |
| Interest from Mineral Range Railroad C on bonds held by the company. |  |

\$43,957,373
28,120,527
$\$ 15,836,8+6$
Interest on deposits and loans.
\$614,932
Atlontic $\mathrm{P}_{\mathrm{y}}$ Co bonds held by the company, $\$ 604,280-$
less advanced by the company, $\$ 142,280462,000$
te. Marie Ry. Co., on bonds haut the company.

50,160
1,286,812
817,123,658
7,052.197
surplus.
Deduct amount applied against cost or steamsnips
10,071,460
150,000

From this there has been charged a half-
yearly dividend on Preference Stock of 2
per cent. paid lst April, 1903 ........ $\$$
And a half-yearly dividend on Ordinary
Stock of $21 / 2$ per cent... paid 1st April,
1903.
. 2,112,500
2.762,500
\$7.158,960
From this there has been declared a sec-
ond half-yearly dividend on Preference
stock" of 2 per cent., payable lst October, 1903.
And a second half-yearly dividend on Ordinary Stock of 3 per cent., payable October 1st, 1903

The working expenses for the year amounted to 63.97 per cent. of the gross earnings, and the net earnings to 36.03 per cent., as compared with 62.44 and 37.56 per cent., respectively, in 1902.
Your directors deemed it desirable to acquire for your company control of the Kingston \& Pembroke Railway, extending from Renfrew, on your main line, to Kingston ,on Lake Ontario, a distance of 104 miles. It has been arranged that this be done at a cost of $\$ 848,744$, and you will be asked to approve the expenditure-22,602 shares of the preferred stock, and 35,182 shares of the common stock, constituting about 83 per cent. of the whole capital of the Kingstor \& Pembroke Railway Company, will be deposited with your treasury se curities. The line is now being operated under working arrangements with that company, pending the execution of a formal lease which will be submitted for your approval. For several years past your company has been operating the Calgary \& Edmonton Railway for account of the owners, receiving in return the benefit of all the traffic in either direction between points on the Calgary \& Edmonton line, and points reached by your system. The country along the line has been settled with considerable rapidity, and the contributed traffic has grown to large proportions. Under these circumetances, your directors thought it wise to prevent the possibility of the railway passing into unfriendly hands, and, therefore, they entered into an agreement to lease the line, extending from Macleod to Edmonton, in Alberta, a distance of 296 miles,
for a period of ninety-nine years, guaranteeing by way of rental 4 per cent. per annum on the Calgary \& Edmonton Railway Company's consolidated debenture stock, amounting to $£ 1,121,700$. To ensure the complete control of the pro perty and its franchises, your directors contracted to purchase or your company all of the capital stock of the Calgary \& Edmonton Railway Company for the sum of $\$ 500,000$. You will be asked to formally sanction their action and to approve the lease. An agreement has been made witn the Lindsay Bobcaygeon and Pontypaol Railway Company, for the lease, on its completion, of that company's line from Burketon, on the main line of your Ontario and Quebee section, to Lindsay and Bobcaygeo!:, a distance of about 40 miles. The rental to be paid is 40 per cent. of the gross earnings, but not less than $\$ 20,000$ per annum, with the option to your company of acquiring the full ownership of the property at any time within twelve years, by undertaking to pay an increased rental not exceeding in all $\$ 28,000$ per annum. The agreement will be submitted for your approval
The residue of the issue of the preference stock previously authorized by you for the purposes of the company, amounting to $£ 273,082$, was created and sold during the year. Four per cent. consolidated debenture stock to the amount of $£ 764$. 350 was also created and sold, and the proceeds were used to cover the cost of the Pacific Coast steamships, and for the acquisition of the bonds of other companies whose lines constitute a portion of your system, the interest on which had, with your authority, been guaranteed by your company. The land sales for the year amounted to $2,639,617$ acres for the price of $\$ 9,695,673$, being an average of $\$ 3.67$ per acre. During the year the guarantee of your company as to interest was endorsed on consolidated bonds of the Minneapolis, St. Paul and Sault Ste. Marie Railway Company to the amount of $\$ 2,454,000$, representing the cost of 1227 -10th miles of additional railway constructed by that company.
To meet the pressing requirements of settlers, many of whom came into the country during the past two yearl, your directors authorized the construction of a railway between Regina on the main line, and Arcola, the present terminus of the Pipestone branch, a distance of about 113 miles; and an arrangement has been made whereby the Manitoba-and NorthWestern Railway will be extended an additional, distance of 33 miles. You will be asked to approve the conistruction of these lines and to authorize the creation and sale of sufficient 4 per cent. consolidated debenture stock for the purpose. The original $\$ 25,000,000$ of 5 per cent. land grant bonds having been satisfied, the mortgage securing them has been cancelled There remain outstanding $\$ 15,000,000$ land bonds bearing in terest at the rate of $31 / 2$ per cent. per annum guaranteed by the Dominion Government. The proceeds of the sales of lands covered by the mortgage securing these bonds will be deposited with the Dominion Government in accordance with the terms of the statute. Five hundred thousand dollars have been thus deposited during the past year, and the amount due on deferred payments will go far toward liquidating the whole amount in the next few years, 'when the residue of your lands will be relieved of the mortgage and the bonds will become a Government obligation; in the meantime, the Government pay interest on the deposits at the rate of $31 / 2$ per cent. per annum.
Under the authority of the resolution passed at the last annual meeting, your directors purchased from the Elder Dempster Company fifteen steamships constituting that company's Canadian-Atlantic fleet, the purchase price of the vessels and of the good-will of the sellers being $£ 1,417,500$ sterling. This amount has been temporarily advanced from your surplus earnings pending the issue and sale of 4 per cent. consolidated debenture stock to a like amount, which you will be asked to authorize at this meeting. An unfortunate accident resulted in the loss of one of the freight steamers, The amount required in excess of the insurance to replace this vesel, will, of course, be charged against revenue
Of the proceeds of the sale of $\$ 19,500,000$ ordinary shares, there has been expended to the end of the fiscal year \$17,228,953, and there were orders outstanding for cars and locomotives undelivered amounting to $\$ 4,221,865$. Since then additional orders have been placed to the amount of $\$ 1,351,000$, and it is proposed to continue the policy of increasing the rolling stock equipment as rapidly as circumstances will permit, until the company is well ahead of its immediate requirements. When these contreots have been filled, the pro-
seeds of the issue of common shares, as well as the amount of $\$ 3,000,000$ appropriated from surplus earnings, will have been absorbed. The cost of cars and locomotives purchased during the last couple of years has been substantially increased, because of the necessity for getting so many of them outside of Canada, and paying the Canadian duty on their importation. In the near future, when your own shops have been completed, it is expected that you will bo able to build yourselves most of the cars and locomotives required, thus saving the manufacturers' protit and the duty. Your directors will ask authority to expend $\$ 5,000,000$ during the next year on various classes of equipment in addition to all orders that have been placed up to this time. Many of the new works on which capital has been expended are being carried out on a more comprehensive scale than was originally contemplated, and the increase of nearly 50 per cent. within three years in the tonnage moved annually has made it imperative that you should, for the convenience of the public and your own financial alvantage, provide forthwith many additional facilities, calculated to assist in promoting promptness and economy in the handling of your traflic, that under ordinary conditions might have been spread over a number of years. Notwithstanding your large outlay in the past for lands, tracks, buildings and other works at your more important terminals like St. John, Montreal, Toronto, Ottawa and Winnipeg, the facilities at most of these points are quite inadequate for present demands, and ,as a result, there is a frequent congestion resulting in inconvenience and expense to everybody concerned. With a view to remedying these conditions, and in order that the work of bringing your property to a high standard of efficiency may be continued without cessation, you will be asked to authorize the directors to expend capital for these general purposes to an amount not exceeding $\$ 4,500,000$ The condensed balance sheet on June 30 shows as follows:-

## Dr.

Cost of railway and equipment.
\$242,769,210
Ocean, lake and river steamships. . . . . . $\$ 5,803,424$
Less amount applied in reduction of cost $1,968,224$
Pacific coast steamships.
Atlantic steamships
Acquired securities held (cost)
Hotels, buildings, and properties held in trust for the company.
Deferred payments on land and town site sales.

3,835,19
956,150
6,979,783
43,470,868

2,266,634

13,914,480

## Advances:-

To Montreal \& Atlantic Ry., secured by $\$ 500,000$ first mortgage bonds
To Duluth, South Shore \& Atlantic Ry car trusts, ete.
Advances to new lines under construction Material and supplies on hand.
station and traffic balances, accounts receivable.
Miscellaneons securities and advances
Imperial and Dominion Governments:
Accounts due for mail transportation.
Cash in hand...................
Less amount temporarily advanced for
purchase Atlantic steamships pending
issue of securities.. .. .. .. .. .. .. $6,972,556$ 12,172,612
$\$ 341,699,276$
In addition to the above assets, the company owns $12,081.776$ acres of land in Manitoba and the Territories (average sales past year $\$ 3.67$ per acre), and $3,759,418$ acres in British Columbia.

## Cr.

Capital Stock.
Four per cent. preference stock Four per cent. consolidated debenture stock

236,213
2,412,903
5,498,788
4,918,698
1,606,902

67,252,252

## Mortgage bonds:-

First mortgage bonds, 5 per cent. Canada Central Ry., 6 per cent
$\$ 34,998,633$ 973,333 Due province of Quebec on Q., M. O. \& O
\& North Shore Ry.

## 7,000,000

Algoma branch lst mortgage.
North Shore Ry., lst mortgage.
3,650,000
616,119

## Land grant bonds-

Guaranteed $31 / 2$ per cent .land bonds . . $15,000,000$ Less amount paid Dominion Government towards redemption.

500,000
Current accounts, pay rolls and traffic bal-
$\qquad$
Interest on funded debt and rental of leased lines-
Coupons due July 1st, 1903, and includ-
ing coupons overdue, not presented.. 1,487,015
Accrued to date, not due.
285,055

Equipment replacement fund.. .. .. ..
Cash subsidies from Dominion and provin-
1,772,070
cial government and municipalities
Land grant:-
Sales of land and town sites
37,119,561 18,846,175
\$341,699,276
Details of expenditure on additions and improvements from July 1st, 1902, to June 30th, 1903, show:

## Main Line.

Quebec to Bonfield-
Additional sidings, buildings, stations and yards.
Permanent bridges and improvements of
37,658
Payment account purchase of Canada
tral Railway.
475
:- il

## Bonfield to Port Arthur-

Additional sidings, buildings, stations and
yards .... ..... .. .............. $\$$
212,964
orimes bridges and improvements of
Wharves, docks and warehouses
339,626

Port Arthur to Laggan-
Additional sidings, butldings, stations and
yards.. . .. .. .. .. .. .. .. .. .. \$
479,869
Permanent bridges and improvements of line.
Winnipeg terminals
64,130
Coal handling plant, Fort William. 162,805
Annex elevators B and D, Fort William
678,165

Less: Amount received from Dominion
rebate of duty on bridge material

Laggan to Pacific Coast-
Additional sidings, buildings, stations and

Permanent bridges and improvements of 187,246
Wharves, docks and warehouses ... .. . . 27,920

## Telegram

Abin

Telegrams : "Solidity, Northampton."
ESTABLISERD 1830
F. GOODMAN \& SON.

Abington Street, - . NORTHAMPTON, England.
-SOLE MAKERS OF-

## THE "SOLIDITY"

Men's, Youths', and Boys' Boots and Shoes in all Qualities, -also-
"W ALKAWAY", "unionease"" "Olvillan." NORTHAMPTON \& BACTORIES AT-

In addition to the above, F. GOODMAN \& SON have always on hand a Large Stock of Factored Gnods. AT PRICE8 WHICH GANNOT BE BEATEN.


Telegraks : Ribotine, leicester.
WATERHOUSE REYNOLDS \& CO.,


## Corset <br> Manufacturers,

Brown
Stroet
Leicester,
England.

## Manotaotomera

MADAME JEANNE,
MADAME LIEDER,
ANGLO FRENOH RIBOLINE.

Great Reduction of Import Duty.
Speciality in Mens 8uits In Serges and Tweeds.

## 9/11 \& 10/11

$\underset{\text { Free on Board }}{\text { All }}$,
Free on Board, Londoa.

Strong, Durable and Well Made.
Write for Patterns or send remittance or trade references for Sample Range.

## E. Berger \& $\mathrm{Co}_{0}$,

 Famous Works,Rutland Sto - LEECESTER, Eng,

Bonuses-
Dominion Government subsidy on $\begin{array}{llllll}\text { Crow's Nest Pass branch.. } & . . & . .8 & 60,000 & \\ \text { Lake Winnipeg branch.. ...... } & 81,650 & \\ \text { Kootenay \& Arrowhead Ry.. } & . . & 42,771 & \\ \begin{array}{lllll}\text { nce of Manitoba subsidy on } & & & \\ \text { Branch lines in Manitoba.. } . . . & . . & 75,000 & \\ \end{array} & & 259,421\end{array}$ 259,4
ock-
Subscription to $\$ 19,500,000$ additional ordinary stockPayments of remaining instalments and premium on unsubscribed stock sold..

11,946,164
Four per cent. preference stock-
1,401,902
mount realized from issue of $£ 273,082$.
Consolidated debenture stock-
4,123,483
$\$ 45,949,330$

Deduct increase in accounts receivable-
Stations and traffic balances.. .. .. .. $\$ 4,918,698$
Advances to new lines under construction 2,412,903
Miscellaneous securities and advances .. 1,006,902
Due trom Imperial and Dominion Gov-
ernments.

- 236,687
$00,176,191$

Less, amou

Dividends
2 per cent.
2 per cent.
Dividends
21/2 per cen
$21 / 2$ per cer
Pension
Amount pa:
holders'
Hotels, bui
the comps
Constructio
Additions
Additions
lines, exl
Rolling sto
New Montr
Pacific Coa
Atlantic
Amount of
earnings
Land $g$
Amount pai
bonds..
Amount pa
bonđs̀.
Securities
Manitobe \& rities.

# HUTCHINS \& MAY, <br> LIMITED. 

BRISTOL, Eng. And STAPLE HILL.

## REGISTERED OFFICES:

## 23 Portland Square, <br> BRISTOL, Eng.

Less, amounts at June $30,1902 . . \ldots \ldots 7,271,354$

## Expenditures.

Dividends on preference stock-
2 per cent. paid October 1st, 1902.. .. $\$ 623,420$
2 per cent. paid April lst, 1903.
Dividends on ordinary stock-
$21 / 2$ per cent. paid October 1st, 1902 .
$21 / 2$ per cent. paid April 1st, 1903.

. $1,625,000$
2,112,500
Pension Fund-
Amount paid to the fund as authorized at shareholders' meeting, October 2nd, 1901
Hotels, buildings and properties held in trust for the company.
Construction required and branch lines, exhibit "D" Additions and improvements, main line and branches, exhibit "E"
Additions and improvements, leased and acquired lines, exhibit "F".
Rolling stock, shops and machinery
New Montreal shops.
Pacific Coast steamships
Atlantic steamships-
Amount of purchase temporarily advanced from earnings .
Land grant bonds-
Amount paid in redemption of 5 per cent.
bonds. . .. . : . . . . . . . . .. .. .. \$1
bonds.
81,573,000
500,000
Securities acquired-
Manitoba \& North West. Ry. System securities. $\$$
$\frac{1,903,836}{\$ 44,045,494}$
Kootenay \& Arrowhead Ry., 1st mortgage bonds.. .. . . . . . . . .. .. .. .. tension, lst mortgage bonds.

854,128
²51,886
Vancocver \&: Lulu Isiend Ry., 1st mortgage
bonds.. .. .. .. . .. .. .. .. .. ..
Ottawa, Northern \& Western Ry., on ac-
count 1st mortgage bonds.
2,091,234
Increase in material and stores in hand. . . . . . . 1,048,261
$\$ 33,694,707$
Less increase in current liabilities. .
$1,821,825$
\$31,872,882
250,000
481,222
949,120
3,637,648
882,966
6,766,026
852,445
956,150

6,979,783
$\square$ \$. $2,073,000$

趽

30th, 1903, shows-
Conducting transportation. . .. .. .. .. .. .. .. $8,484,321$
Maintenance of way and structures. . .. .. .. .. $6,723,241$
Motive power.. . . .. . . . . .. .. .. .. .. .. .. 8,889,111
Maintenance of cars. . . . . . .. . . . . .. .. .. .. 2,487,976


| Mails.. . . . . . . . . . . . . . . . . . . . . . . . .. .. |  |
| :--- | :--- |
| Express. . .. . . . . . . . . . . . . . . . . . . . | 9097,905 |

Parlor and sleeping cars. ............... 637,649
Telegraph, grain elevators and miscellaneous, in-
cluding profit on Pacific steamships.
2,248,672
Total. . . . . . . . . . . . . . . . . . . . . . . .. $\$ 43,957,373$
The statement of working expenses for the year ended June


## Leggings!! Legrings!!



The Puttie Legging.
Pig-Skin, Tan \& Antelope, Calf, Tan Brick, Smooth and Grained Hide.

The Anglo-Indian Legging.

## High-Class Leggings,

 in all Patterns and from all Classes of Material.$\qquad$



The Colonial Leggiog-Front View.
The Colonial Legging-Back View.

## L. Watkin \& Sons, WELIIGBBROUb.

Parlor and sleeping car expenses
Expenses of lake and river steamers
General expenser
Commercial telegraph

## Total.

squipment.
The statement of equipment at June 30th, 1903, shows:Locomotives . . . .. .. .. .. .. . . .. .. .. .. .. .. 840 First and second-class passenger cars, baggage cars, and colonist sleepirg car:
First-class slecping and dmmer cars.................... 134
Parlor cars, oflicial and pavmasters' cars ...... . 45
Freight and cattle cars (all kinds) . . . . . . . . . . 26,270
Conductors' vans.
Conductors vans.. .....................................
Board, tool and auxiliary cars and steam shels

144,349
144,349
$470,7 \div 3$
2,323,318
547.438
$\$ 28,120,527$
,



The description of freight carried in 30th. was:-

| Flour, brls. . | $\begin{gathered} 1902 . \\ 4,921,993 \end{gathered}$ | $\begin{aligned} & 1903 . \\ & 5,110,757 \end{aligned}$ |
| :---: | :---: | :---: |
| Grain, bush.. | 52,719,706 | 63,822,710 |
| Live stock, head.. | 963,742 | 1,103,686 |
| Jumber, ft. . | . 1,033,589,377 | 1,190,378,217 |
| Firewood, cords. | 204,963 | 268,401 |
| Manufactured, articles, tons.. | 2,288,234 | 2,665,260 |
| All other articles, tons.. | 2,571,136 | 2,942,736 |
| Freight Traffic. |  |  |
|  | 1902. | 1903. |
| Number of tons carried.. | 8,769,934 | 10,180,847 |
| Number of tons carried one mile | . $3,247,922,187$ | 3,862,242,993 |
| Farnings per ton per mile.. .. | 0.75 cts. | 0.74 cts. |
| Passenger Traffic. |  |  |
|  | 1902. | 1903. |
| Number of passengers carried. . | 4,796,746 | 5,524,198 |

## LIMITED.

Manufacturers of standard Boot and Shoe Lasts of every description, modelle after the latest

## ENGLISH ano AMERICAN

shapes by experienced model makers
Also Manufacturers of the Highest
Grade Boot and Shoe

## UPPER PATTERNS

(in cardboard, steelbound), by the most experienced American Designers.
We are always ready to prepare sample lasts and upper patterns for any manufacturer, and guarantee the grade and measurement of all our productions You are invited to write us for new samples and particulars regarding our lasts and upper natterns, for either men's or wompn's shoes of any grade.


## office and works, Northampton, England

mile.
Earnings per passenger per mile
534,777,13
1.75 cts:-635,855,533

The traffic earnings for the year ended June $30 t \mathrm{~h}$, 1903, were:


The above earnings of traffic trains include earnings from mail, express and sleeping cars. but do not include ocean. lake and river stamers, telegraph, elevators, rents. etc., the net carnings from which amounted to \$2.392,794.63.
Expenses per traffic train mile for the year encied June 30 , 1903، were:

Expens's. mile.
 Motive power. . $-8,989,111.77 \quad 0.390$ Maintenance of cars. 2,487,976.69 0.108 8.901,986.42 0.386 \$27,102,316.05 $\quad 1.176$

## The Company's Lines.

The mileage of the C. P. R. System is given as follows:Mileage included in C. P. R. traffic returns. . . . 7,748.4
Mileage of other lines worked
Mileage under construction.

| Mileage of Minneapolis, St. Paul \& Sault Ste. |
| :--- |
| Marie Railway......................459.5 |
| Mileage of Duluth, South Shore \& Atlantic Rail- |


| way | $\ldots$ | .. | . | .. | . |
| :--- | :--- | :--- | :--- | :--- | :--- |

2.0315

11.019 .8

## good farming land in new ontario

Plenty land and of the right kind for mixed farming, are ausing New Ontario to be kept prominently before those in the older provinces who are looking to distant parts in anticipation of better fields for extensive operations. The On tario Minister of Crown Ląnds has received a letter from Arthur Brown. Inspector of Public Schools at Morrisburg giving a glowing account of the good agricultural land in H . y/ and Murphy townships, in northern Algoma. The probability is that the rest of the neighboring townitips that are being surveyed are of similar character. They a, a reachut by canoe from Matagami Station on the C. P. R., or he vav of Kanc's River, from Quebec. Hoyte and Mur sly townships will be at most about fifty miles from the Termsikanting Railway Mr. Brown's letter is as follows:-
'I have just returned from Hovle and Murphiv, Algoma, the two townships to be surve-n' : $\%$ Ontario land Survevor George L. Brown. I have numerons inquitien from penple concerning that region. I may say that I examined that particular locality as closely as a short stay would permit brought back samples of the soil, cte. The township of Hoyle is level, almost flat, out us Porcupine River, which runs


The Finest Bespoke Manufacturers 381 p.c. in

in England, for the Canadian Tarket, favour of Canada.

The m light thr viot wit? of Canad former $f$ dents wh rone or $m$ and thes and thes
"Figaro," life and

We ar offered stain fro though t 300 oper sovereign able to that Eng
to the $u$
United S
through it northerly and sodtheriy on the east side, has a good current, and its tribitaries the same, it may be concluded that it will be oassly ciraine 1 . Tlim soil is three ur four inches of mouli, then sometiaing over a foot of loam, stading off to clay loam, and then any depth of clay. The banks of the Porcupine River are frotn thrce to thres and a half feet above the water surface. The timber is as shown on the map, spruce, not large, but tall; white sirch. poplar, and oilm of Gilead, with trunks thirty to forty feet without a limb. There is a rapid on the east and west siles of the township, indiasting a gravelly streak across the township, but other than this one could not find a stone big enough to throw at a squirrel. The season'I should judge to be somewhat shorter than here, but vegetation is more rapid. I visited an island in Night Hawk Lake, east and south of Hoyle, and found potatoes with short green tops, and the hills full of good-sized potatoes, and yet growing (this was on August 19). Farmers in the crew of men pronounced the soil good, and given that the G. T. P. runs near, so as to give access, Hoyle and Murphy offer great inducements for settlers.
-Grand Trunk Railway System.-Farnings 22nd to 31st August, 1003, \$1,053,424; 1902, \$000,240; increase, \$158,184.

WINDOW GLASS AND THE STRINES.

The plan so cleverly arranged by the window glass manufacturers in Pittsburg, Penna, and their employes, for the purpose of maintaining a steady market by regulating the output, has added another instance to Burns' example for the oft-quoted lines:-

> "The best laid schemes of mice and men Gang aft agley."

The strikes meantime among the building trades have seriously affected the demand for glass, and the agreement on the part of the men to remain idle till November, by which they were to receive a ten per cent. advance in wages, is now found impossible of fulfillment. This modern revival of the old window-tax will hardly succeed.
-The Canadian Pacific Railway Co. estimates that the total number of harvest laborers brought west this year is 11,000 . Some of these are not bone fide laborers, as they are only seeing the country.

Aceord Winnipen the Dult 1002, to were insp
or shippe
of when superior Chioago, per cent ritories. in stand destinati liam, 10 , whiniper peg amo The N boasting instant: passed cess bei figures and that 000,000 bushels;

# Avenue Works, KBTTERING, Bngland. 

## Export Manufacturers of Gents BOOTS \& SHOES, in Box Calf, Black and Tan Glace, Tan Willow, Brown Calf, \&ec., in Goodyear

## Courertron Defel.

## PROPOSED OCEAN LINE TO FRANCE.

The member for Jacques-Cartier is anxious to have some light thrown upon the proposal to establish a new ocean service with Franee, which, however desirable in the interests of Canada, should be in competent and trustworthy hands if former failures are to be avoided. The histories or antecedents whidi may be referred to should be acouelble through one or more of Mr. Monk's French-Canadian fellow-members; and these could be supplemented by recent files of the Paris "Figaro," with its farcioal illustrated descriptions of Canadian life and activity.

## BREAKING OFF FROM A HABIT.

We are told that the directors of an English woollen mill offered $\& 1$ to each of its thousand employes who would abtain from smoking and chewing tobaceo for six months, Although the offer went into effect only a few weeks ago, over 300 operatives are already disqualified from receiving the sovereign, and it is thought that only a small number will be able to hold out faithfully during the half-year. It is said that English mill hands are much more generally adtioted to the use of tobacco than workmen of the same class in the United States or Canada.

## WHEAT INSPECTION AND MOVEMENT.

According to a report issued by Grain Inspector Horn, of Winnipeg, that city handles more export wheat than either the Duluth-superior ports or Chicago. From September 1, 1902 , to August 31, 1903, a total of $51,883,000$ bubhels of wheat were inspected at Winnipeg and sent through to Fort William, or shipped to the other ports for export. The total quantity of wheat shipped from the combined ports of Duluth and superior tor same period was $42, t 00,62 s$ bushels, and from Ohioago, $37,940,953$. Of the wheat inspected at Winnipeg, 80 per cent, was grown in Manitoba, and the rest in the Territories. Forty-two per cent. graded No. 1 hard, the highest in standard, and 28 per cent. was No. 1 northern. of the destinations of shipments, 32,650 cars were sent to Fort William, 10,000 to Port Arthur, and 7,000 being used in mills at Winnipeg and the province. Other grains inspected at Winnipeg amounted to $4,284,200$ bushels.
The New York Journal of Cormmerce, a paper not given to boasting of Canada's progress, says, in its isme of the 8th instant: Last year at this time Montreal had slightly surpassed the port of Now York in its grain shipmente, the excess being a little over $\mathbf{4 0 0 , 0 0 0}$ bushels; but this year the figures show that New York has continued to fall behind and that now Montreal surpasses New York by nearly 2 ;000,000 bushels. The actual figures are: Montroal, 18,0t0,814 bushelsj New York, 18,541,510.

Bast Value for Wholesele Buyers in the Trade. P. ), B. at any English Port.

## FINANCIAL.

Montreal, Thursday Evening, Sept. 10, 1903.
1 he ulvorce efreoted between the pominion tron at steet Co. and the Dominion Coal Co., although its terms are not yet known, has resulted in sending the Dominion Iron shares from $91 / 4$ to $14 \%$, and preferred from 31 to 38 . Report says that the Dom, fron \& steel Co, witt retuce its floting debt from $\$ 4,800,000$ to 2 millions. Dominion Coal has gone the other way, the decline in the past week having been from 88 to 80 , the preferred standing much as it did last week. The questions are, what will be handed over to the tron \& Steet Oo. from the Coal Con, and what terms have been agreed upon respecting future supplies of coal to the furnmees. The sooner the manufacturing and selling business of the Dominion Iron \& Steel Co, absorbs the entire attention of the executive ofllcers the better it will be. There has been altogether too much attention given to the stock market relations of the enterprise, which will take care of itself as soon as the furnades are in first class working order and the product is selling at a good profit. Richelieu has run down several points, ostensibly owing to the wreck of the Carolina, which has gone to pieces (which is not in the least to be wondered at), but this, of itself, is too trifing an affair to have justiffed a fall in the price of the company's stock. The season's business has been unusually large, and profits surely sufficient to provide for the loss by this one boat. The Balkan situation is creating considerable anxiety in Europe. War seems unavoidable, but we may doubt whether it will involve any of the leading powers of Europe, who must be longing to see an end to the perpetual trouble in the Balkans. There has been a "Balkan situation" nearly a century, and time and time again it has disturbed the money market. For us the North-West

## El Padre Needles <br> 10 OENTS. <br> VARSITY, <br> 8 OENTE.

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LONDON CRANE \& ENGINE WORKS :
LEIOESTE円, ENGLAND. $\qquad$ 22 WALBROOK (CANNON STREET)

LONDON, ENGLAND.

## LIFTING MACHINBRY

${ }^{\circ} \operatorname{la}_{10}$
A SPECLALITY
situation is more important, and it is very satisfactory, as the crops are nearly harvested and the yleld is large. No company becoming involved in litigation with some of its shareholders. They are wishing to examine the books, which is their right, but the management objects. The repeated calls for mote capital, the explanations offered why so much money is bemg samk, and the altogether unsatisfactory reports which have been issured in the last few years are quite enough to give great disatisfaction to the stockholders. New York is in the dumps over this port getting ahead of this season in grain exports, the only ennsolation New Yorkers have is that the Atlantic freight business is being tone without profit. The National Bank of Commerce, New York, is to increase its capital from $\$ 10,000,000$ to $\$ 25,000,000$. Consols have dropped to 895.16 under fear of dear money. Stock business, after
reviving for a few days, has gone back into stagnation. A few Pacific have sold at 124; Richelieu 77 to 80 ; Dom. Iron 14 to $141 / 4$, and prefd. 39 ; Twin City $931 / 2$. All along the line business is flat. Berlin, ex. on London, 20 m 38 pf .; Paris, 25 f $181 / 2 \mathrm{c}$. Foreign exchauge between banks, 60 's $811-16$ to $83 / 4$ surprise should be felt at the Consolidated Lake Superior demand $9 \quad 13-32$ to $9 \quad 15-32$. Money rates unchanged. The ratification of the Lake of the Woods deal will be shortly before the old owners.

The following is a comparative table of stocks for week ending Sept. 10, as supplied by Chas. Meredith \& Co., Stock Brokers, Montreal:

| Banks. | Shares Sales. | Highest. | Lowest | Average same date 1902 |
| :---: | :---: | :---: | :---: | :---: |
| Montreal. . .. | 2 | 250\% | 250\%/4 | 259 |
| Molsons. . | 20 | 201 | 200 |  |
| Do. new.. | 33 | 108 | 198 |  |


| Merchants. . | 14 | 156 | 156 | 161 " |
| :---: | :---: | :---: | :---: | :---: |
| Commerce. | 56 | 160 | 158 |  |
| Quebee. | 2 | 119 | 119 | $\ldots$ |
| Miscellaneous. |  |  |  |  |
| Can. Pacific Railway Co.. | 879 | 1243/4 | 1233/4 | 1413/4 |
| Montreal street Railway | 578 | 2471/2 | 240 | 287 |
| Montreal Power Co.. | 1677 | 80 | $78 \mathrm{~m} / 8$ | 1021/2 |
| Toronto Street Railway.. | 303 | 100 | 993/4 | 121\%/8 |
| Toledo Railway.. | 100 | 221/2 | 211/2 | ... |
| Twin City Transit.. | 345 | 95 | 93 | $1271 / 2$ |
| Richelieu \& Ont. Nav. Co. | 380 | 82 | 78 | 107 |
| Montreal Telegraph.. | 11 | 1611/2 | 1611/2 | 186 |
| Bell Telephone.. | 1 | 157 | 157 | 186 |
| Ogilvie Pref.. | 50 | 125 | 125 | 136 |
| Dom. Coal, common.. | 620 | 84 | 73 | 142 |
| Ditto. pref. | 20 | 1101/2 | 1101/2 | ... |
| Switch, pref.. | 2 | 96 | 96 | $\ldots$ |
| Detroit United Elec. Ry.. | 75 | 691/4 | 69 | 95 |
| Dom. Iron \& Steel, com. . | 4070 | 15 | 91/2 | 741/8 |
| Ditto. pfd | 590 | 41 | 36 | 1021/2 |
| Nova Scotia.. | 150 | 89 | $861 / 2$ | 1161/8 |

## Bonds.

Dom. Iron Steel.. .. .....26,000 $70 \quad 67$

## MONTREAL WHOLESALE MARKETS.

Thursday Evening, September 10, 1908.

## A good wheat crop assured in the West and high prices for

 grain are filling the East with promise of largely increased business. Dairy products are higher and this adds daily to the wealth of the country and its cabh purchasing capacity.Themany
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On receipt Bample
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other p

BUTTER higher at c passing is pay prices of consequ able expor held ith stor but for the auction the land coast It has sold terfere wit with some $171 / 2$ to 18 porters no usual. Sel $131 / \mathrm{k}$ to 14 OEMENI of cement in a jobbit Arrivals fo 4,700 bags CHEESE. , the great

Aqual to Fartis, $P$


## A. B. HUOHES \& CO.

## Aoslery Manufacturers;

Great Central Btreet, - LEICBSTLR, Bagland.

HTGH ORADE<br>Gent's Fancy Knitted Waistcoats AbD Footless Golf Hose Are our present specianties.<br>On receipt of $2 \%$ dollare Trom Bona-flde Buyers, we will gend a Sample walibeoat and pair of Hobe to dhow our malie of goode, and will wleo luolude free of oharge, fall pange of other patternit to orderfrom. It wlll pay you to do thits.

##  <br> rolleston St., LEICESTER, England.

## Bpeolalitues:

Pootball Boots, Cyalling Shoes, Rubber Heeled Ward Shoes,
Chlldren's Cheap Oxfora
end g-Bat shots.


All chippiat Ordon Roopivn Prompt Attention.
Manufactured undap the New Oanadian Taf i侖

BUTTER.-The market is 'reported firm and still keeps higher at country points than prices ruling on spot. Business paseing is light, as nxporteps cannot see their way clear to pay prices asked for fresh receipts, so that we hear no sales of consequence to report. There still appears to be considerable exporting, but largely of butter sold some time ago and held in store on English aceount. The market would do better but for the fact that there was considerable butter offered at auction the past week, goods dragging around the Newfound land coast all summer and returned here more or less affected. It has sold at from 12 to 17 c , and has had a tendency to in terfere with the higher prices asked for the better class of fresh goods. Fitrest fall creamery is quoted at $101 / 8$ to $101 / 2 \mathrm{e}$, with some receivers asking 20c. Second grade is quoted at $171 / 2$ to $181 / 2 \mathrm{e}$. In dairy's there is little or no movement, ex porters not taking hold. Local trade is much lighter than usual. Selected Western 15 to $151 / \mathrm{s}^{\mathrm{o}}$; grades itigitly under, $131 / 8$ to 14 c .

CEMENTS, ETC,-An order on the market for 4.000 barrels of cement has not yet been closed up. Cement trade is good in a jobbing way, while demand for firebricks has eased of Arrivals for week, 600 brls. English cement; 13,700 brls. and 4,700 bags Belgian. Prices unchanged.

CHEESES.-Peceipts ate large, pritucipally of high-cost goods; the great bulk of Western supplies costing $111 / 4$ to $111 / \mathrm{c}$, and

Eastern 11 to $111 / 4 \mathrm{e}$. The high cost has prevented the goods being solu for expurt, and stocks in store are inereasing There has been a demand for finest Western at 11 c to $111 / \mathrm{s}$. and for Quebee district at $10 \% \mathrm{c}$; but owing to the views of buyers being above these prices exporters have found it imposile to fill orders. The market is talked flrill and sales can be made quite easily at $111 / 8 \mathrm{e}$ for Western ane at $103 / 4 \mathrm{e}$ for Eastern, but at any value over these it is impossible to do business. Production continues large, and the future of the market is not promising for high prices.

COAL--Contrary to early predictions, the price of coal has not advanced. Egg, stove and chestnut are worth $\$ 7$ per ton, less Qofe per ton for net eash. Pea coal is quoted at wist cash; but the size is so small that few can use it with economy in private furnaces or stoves. Hard maple wood is worth *ì per cord, French measure.

DRESSED POULTRY.-The season is now opening up and quite a few lots are coming in by express to commisain houses. The demand is good and receipts more out quickly, Chickens are worth 11 to 12 c 1 b .: fowls 9 to 10 c 1 b .; ducks 10 to 11 c 1 lb . Turkeys are not arriving, but are quoted at 13 to 14 c . A few partridge are in and sold at $\$ 1$ to $\$ 1.25$ pair.

Eages-Under considerably lighter arrivals and pood foent demand the market has gained further strength, and there is

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Iqual to any made In Amertoa, for the Oanadian Merket, $381 / 3$ p.e., oheaper, under the Now Preforontlal Farti, R.O.B., Zondon or Biverpool. Bend for our Jow Hiot.

## WOLFSKY \& CO., LTD:

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111, 113 \& 134 Southwark Stroot, BLACKFRIARS, London, S.E., Eng.
no dillathy i a making the for atraight gatnered stuek. se lected is worth is to 19 e, and No. 2,13 to 14 e. Production seems to be lighter and the undertone of the market scems mure promising

FLOUR AND FEED.-Most brands of flour have been advanced, leading marks being now quoted at $\$ 4.60$ brl. See prices eurrent on anther page. Coarse feed holds steady under a good demand for all kinds. Baled hay rirm, and prices have an upward tendency, with a good demand. We quote: No. 1, $\$ 10.60$ to $\$ 11.50 ;$ No. 2 , $\$ 0$ to $\$ 10$; clover, mixed; $\$ 8$ to ${ }^{60.50}$; and clover, $\$ 7.50$ to $\$ 3$ per ton, in car lots. Threshing is proceeding vigorously throughout Manitoba and some portions of the Northwest, yields in all cases being in excess of earlier expectations. This, added to high prices, will make the condition of the western whent grower an enviable one.

GREEN FRUITS, ETC.-A brisk trade is being done in na tive plums, peaches, etc., owing to their abundance and low cost. Large baskets plums, both verieties, have been sold this week as low as 18 to 20 c , and peashes, large baskets for 28 to 40 c . Quotations-P'eaches, freestome, 30 to 40 c large basket, California selling at $\$ 1.50$ a bos. Plums-Canadian sell at 18 to 22 c busket, Californias $\$ 1.00$ per smatl orate. Greengage plums, large basket, 20 c . Pears-California sell at $\$ 2.50$ to $\$ 3.25$ box; Canadian pears 30 to 40 c basket.Apples - $\$ 1.50$ to $\$ 2$. Oranges-Sorrento, 300 size cases, $\$ 3.75$; boxes,
 83. Bananas-Jamaica firsts, 81.50 to $\%$. Blueberries-In 22 -qt. boxes, $\$ 2.00$. Melons-Fancy large watermelons, 25 to 30c each; muskmelons, 88 a dozen. Pineapples-Indian River pineapples, finest colored stock, in cases, 24 to case, $\$ 5$; 30 to nace, Ano. Nute-New Grenoble welnute, 10e; mew Terre gons almonds, 130; new Sicily alberts, 0c; Jumbo pecans, 16 e ; lagge peeans, 13 e ; new Briell 13 c ; peanuts, "Bon ton," roasted, 1le; do., "Sun" roasted, $91 / \mathrm{e}$; do., " $G$, " roast-


Lux, 28c; do. walnuts, 26 c per lb . Dates-Giolden stock, ōs per lb . Valencia onions, 150 lb . case, $\$ 2.25$. Cal. grapes, $\$ 3.35$. Canadian grapes, 25 to 30 c per basket. The Department of Agriculture has received letters from two firm in Paris, France, making enquiries as to the apple erop in Canada, and the steamship service between Canada and France; also asking for the names of some of the leading exporters of apples with whom business connections might be made. The exports of apples from Montreal last week were:

| To | Liverpool. . .. | . | . | . | . | .. |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Reports from the Nova Scotia fruit belt indicate that the apple crop of Nova Scotia this year will be the largest and of the best quality which this province ever produced. Gravenstein, King's ribston and Biship pippins are particularly good this season. A peculiarity of this season's crop is the very large yield of young trees. The weather has been very favorable for maturing and coloring the fruit, 应d the early variethes will be in condition for ten dayb' earlier than usual. Prices are running low. There will be over half a million bushels for export.

GREEN HIDES.-The market holds very steady under fairly liberal arrivals. Beef hides remain on the basis of $81 / 2$ to 9e for No. 1: Tambeline eech so to s5o; calfokits 11 and to per lb .

GROCERIES- Sugars hold steady, with standard granulated, in barrels, \$4.20. Molasses is very firm. Barbadoes is now guoted at 40 e in ear lota, which meane ouf to of hifter

INOAND (Very speatel oAr
volt a
in a retail the market er has left G the first we expected to ruling quite prices on nev unfavorable in cost. Can to the very to $\$ 5.25$ bein pack this sea 350,000 cases tartar erysta 10s above the vate advices Chabert shell the few lots Advioes from "Mackerel is position to pr is a fair sup shade prices. a higher basis equal to $1 / \mathrm{c}$ maintained knowledge ap not exceed th and Santos

HARDWAR since last re throughout $t$ former years: have had the delayed placin quotationis are not going to repairs accoun enncerns the $q$ other costs of are much high at the extensil gear.

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

## STANDARDS, BRACKETS,

 ELEOTROLIERS.Speolal terms to Oanadian Houses under the Now Tarif Regulations.
Corroppondence soopecting Agenclen in hivithed from woll entablehod horases in the Dominion.
in a retail way. Valencia raisins are offering more freely, the market having declined slightly. First direct fruit steamer has left Greece with new crop currante, and will be due here the first week in October. Although the market there was expected to decline, the opposite is now the case here, prices ruling quite firm. Wholesale houses have not yet received prices on new canned vegetables. The season has, so far, been unfavorable for tomatoes, corn, ete., and this will be peflected in cost. Canned salmon is going almost out of reach, owing to the very light catch and pack. We hear of as high as $\$ 5.10$ to $\$ 5.25$ being quoted on the Coast for Sockeye. The total pack this season is given as around $\mathbf{1 6 0 , 0 0 0}$ cases as against 350,000 cases a year ago, which was also an off season. Cream tartar crystals have eased off of late, yet quotations are still 10s above the lowest point as quoted some months ago. Private advices from the other side state that the stocks of Chabert shelled walnuts are very closely cleaned up, and that the few lots there are controlled by buyers in other marikets. Advioes from Gloucester, Mass., referring to salt fish, say:"Mackerel is very firmly held, and dealers are showing no disposition to press sales of shores on the present basis. There is a fair supply of Halifax mackerel, but no disposition to shade prices. Codfish is very firm, with the tendency toward a higher basis. A feature of the coffee market is the advance, equal to $1 / \mathrm{cc} \mathrm{lb}$., in Santos. The advance has been strongly maintained in face of increased stocks at that centre, the knowledge appearing to be pretty general that the crop does not exceed the quantity now required by the world of Rio and Santos coffee.

HARDWARE AND METALS.-List prices show no change since last report. Dealers state that trade has kept up throughout the quiet season much beyond the average of former yearsi. In the U. S. markets unprofitably low prices have had the effect of curtailing production. Purchasers who delayed placing contracts in anticipation of more attractive quotations are now finding that the mills and furnaces are not going to allow the accumulation to eviet. Long needed repairs account for the closing of some plants, but at other enncerns the question of prices is the main issue. Labor and other costs of production, with the single exception of fuel, are much higher, while consumers are slow to purchase even at the extensive decline that has occurred during the current
yoar. year.

Hrices hold steady. There is a fair local movement, but fcarcely sutticient to relieve the market from the quiet appearance of some weeks back. Shoe manufacturers are well pn with fall orders, and are also giving attention to samples.
OILS, CHEMICALS, ETC.-Turpentine is much stronger, and has advanced to 83 to 85 c as per quantity. Linseed oils are unchanged at 50 to 51 c for raw and 52 to 54 c for boiled. S. R. pale seal oil is quoted higher at 60 c. Paints are unchanged. Shellac gums are very much higher and continue to advance, a rise of 25 per cent. being recently made.
PROVIBIONS.-Fresh killed hogs are a trifle lower at $\$ 8.25$ to $\$ 8.50$ per 100 lbs . Cured meats hold steady under a good demand. We quote-Heavy Canadian short cut mess pork, $\$ 20.50$ to $\$ 21$; Canada short cut back pork, $\$ 19.50$ to $\$ 20$; light Canada short clear pork, $\$ 20$ to $\$ 20.50$; finest kettle lard, in $20-\mathrm{lb}$. pails, $101 / 2 \mathrm{c}$; extra pure lard, in $20-\mathrm{lb}$. pails, $\mathbf{9}^{1 / 2}$ c to 10 c ; choice refined compound lard, 8 c to $81 / \mathrm{c}^{\mathrm{c}}$; hams, 13e to 14 e ; and bacon, 14 e to 15 e per lb . Chicago, Sept. 9.Provisions were active and exceedings strong, final figures showing gains of from 10 to $621 / 2$ points. Futures closed: Pork; September, $\$ 13.40$; October, $\$ 13.60$; May, $\$ 13.50$. Lard, September, $\$ 9.15$; October, $\$ 8.30$; November, $\$ 7.75$; Decembert \$7.40; January, $\$ 7.25$. Ribs, September, $88.521 / 2$; October, $\$ 8.70$ January, $\$ 6.871 / 2$. Cash prices were firm also: Pork, $\$ 13.40$ to $\$ 13.50$; lard, $\$ 9.121 / 2$ to $\$ 0.15$; short ribs, $\$ 8.371 / 3$ to $\$ 8.021 / 2$; short clear sides, $\$ 8.25$ to $\$ 8.50$.

WOOL-The next London auctions begin on the 15th inst. Trade here is quiet in anticipation. It is expected to see an advanee in all kinds, although for fine merinos makers here look for a decline. Leading U. S. mille, some 40 or 50 in number, have been idle for a couple of months, this largely interfering with consumption.
-The assignment of Jas. K. Munnis, a clothing dealer of Halifax is reported. The liabilities are about $\$ 20,000$.-J. E. Bisaillon and $\mathbb{A}$. Choquette, doing business under the name of Bisaillon \& Bigaouette, candy makers, Montrenl, have assigned, on demand of the Montreal Biscuit Company.
-Ottawa Clearing House.-Total clearings for week ending Sept. 3, 1903, $\$ 1,003,991.23$; corresponding week last year,
$\mathbf{8 1 , 6 8 5}, 052.65$.
that local jobbers find it sometimes ifilitente to proeure supplics.


Clarence Works. - KETTERING, ENG Wholesale and Export Shoe Manufacturers.

h. J. Chapman.

NEW STYLES AND SHAPES IN Gent's Best and Medium Class Footwear.

Best Materials and Workmanship. Goodyear Welted, Standard Screwed, Stitched, and Machine Sewn.

SPECIALTIES
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Samples sent on receipt of P.O.

G. H. Abrahams.

GAPE TRADE SPECIALLY CATERED FOR. HAND WELTED aspeciflty. WHOLESALE ONLY


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FOR ALL PURPOSES.

Cranes, Sheave Blocks, Crabs, Pulley Blocks.

## The Steel Rope <br> Pulley - Block Co., unarna, <br> WASHFORD ROAD,

-An order in Council has been passed providing that orange mineral, dry white lead, and dry red lead, corroded outside of Canada from pig lead, produced fr.m silver lead ores mined and smelted in Canada, shall be admitted into Canada for a temporary period under regulations to be made by the Minister of Customs upon the payment of duty based only on the cost of corroding pig lead, as taken by the Minister.

## PATENT REPORT.

The following complete weekly list of patents granted to Canadians is furnishished by Messrs. Fetherstouhaugh \& Co., patent solicitors, Canada Life Building.Canadian Patents-Roch Brian, improvements in heaters; Roch Brian, improvements in stoves; J. W. Johnston, improvements in heaters and ventilators; J. A. Sword, improvements in mufflers; A. T. Howe, improvements in slipper-soles; S. T. Greenleese, improvements in the process of making sleeves; J. McLean, scrubhook; T. B. Johnson, improvements in po-tato-cutting and planting; D. Flook, improvements in excavating machines; E. Carpentier, improvements in gas generators, E. A. Sostedt, improvements in electrical furnaces; Fillen T. Reed, improve-1 ments in erasure plates for typewriting machines; J. Berry, improvements in field hospital tents; Er. A. Marble, improve-

[^1]

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## Canadian Buygrs,

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## The Clothing Co., Limited,

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The finest High Class Boots and Shoes, for Canadian Market, $33 \frac{\mathrm{f}}{\mathrm{f}}$ p.c. in their favour.

Montreal, Que., thermostatic alarm. Unit- World's Columbian Exposition at Chicago Ferris Wheel Park, out it soon ceas ${ }^{\text {d }}$ to ed States.-Jas. Alf. Gemmill, Carleton in 1893 as one of the curiosities of the Place, Ont., curtain display rack; Wm. Fair, has been purchased by the Chicago M. McCallum, Amherst, N.S., lamp-chimney holder; Edwin Holmes, Canning, N.S. lamp-chimney holder. House-wrecking Company for the absurdty small figure of $\$ 2,000$. Such is the ff. payg concern after the novelty wore off. The new owners have not declared their intention as to what they will do with the wheel, but even as old iron they have secured a bargain. final disposition of the work that original-
ly cost $\$ 362,000$, and was regarded as a most wonderful piece of engineering construction. Since चhe closa of the Exyosi-
FATE OF THE FERRIS WHEEL The Ferris Wheel, which will be re- tion it has occupied a plot of ground in its infancy as a producer of iron ore.

Ten years ago the Mesaba range was in membered by those who visited the the northern part of Chicago known as Last year it shipped over 13,000,000 tons

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of iron ore, and of this amount Great is equal in extent to the holdings of the be remembered that Mr. Hill's policy has Northern shipped over $5,500,000$. In less U. S. Steel company. Mr. Hill has, how- ever been to give the Great Northern than six years James J. Hill has become ever, sought freight rather than royalties, company everything; there never have a most powerful factor in the iron ore $H e$ has not aimed so much at controlling been and never will be any parasites on
business, and he is clearly des tined business, and he is clearly des tined to tonnage by ownership as to control its the property while he lives or his policy,
become still more powerful in the next transportation, and it is the 80 . become still more powerful in the next few years.
The Mesaba range is some 60 miles long and there is iron ore all over it. The ore is mainly soft, most of it being susceptible of handling by steam shovels, and runs from below 60 to 70 per cent. The amount so far proved is probably close to one billion tons, and of this amount $400,000,000$ to $450,000,000$ is contracted to Great Northern as to transportation, including at least $300,000,000$ owned by Great Northern in fee. Great Northern has, moreover, large amounts of land not yet fully explored, which will increase its controlled tonnage very materially, and transportation, and it is the 80 cents per endures. The directors of the Great ton freight to lakes that he seeks. Conse- Northern have not and never have had quently, he has aided many people to ac- any "private snaps" at the expense of quire mines in the region, simply stipu- the company and its stockholders. lating for traffic contracts. As already The Mesaba range now has 37 prostated, he has some $450,000,000$ tons, own- ducing mines. The formation is simple ed and under contract ( at present in sight, enough. The backbone of the range is and will later have yet more. All that he a granite embankment, sloping to the concerns himself with is the delivery of south and running more or less east this ore at the lakes to the lake steamers. and west. Along the slope is a mixHe always insists that he is mainly a ture of taconite and slate, in which the transportation agent, and not an iron bodies of iron ore lie sometimes as the master or mine owner, except indirectly. meat in a sandwich, sometimes on top Nevertheless, by the purchase of the of the formation and sometimes below Wright-Davis properties some years ago, it. Over all there is a mass of glacial he became a very large owner, and will drift varying from ten to thirty feet it is perhaps a fair statement to say that always have a considerable income for near the top of the granite embank-
the company's ore in the Mesaba range Great Northern from royalties. It must ment, to a much greater depth farther

## J. W. BL ACK \& CO enate WORK8, SOUTH VMICTON, zoar Liwlowstrir, Figgland.



One ofthe Finent Model Shoe Menufaotory in Tineland, employing over 600 persone, and mairing the Elicheat Grates of

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To adr

## GOODYERR MELTED FND MT.S.


away from the top. Ore is found at all cluding freight to lakes, it en be put made some fime ago provide for royal
kinds of depths as the granite bed slopes on board for 5 cents per ton. This is tios of abot por away. The method of mining varies ace the bost example of a stripper mine on later leases make royaltios up to to 35 cording to the distance of the mine from the range. the top of the granite ridge and three dif. The "miller" mine is one which is 000 acres per 40 -acre tract, while other ferent classes of mines are recognized, stripped from whove but which, by rea- leases at varying royalties usually son of its location. Will not convenient mate the minimum 100,000 tons per 40 ly receive cars. Consequently, it is acres.
operated by tumels running longitud- The disfance to the Great Northern inally under the ore, which is loaded docks at the lake is about 116 miles into cars in the tumnels through hop- by rail. Mr. Hill has contrived to find per-like openings, and then hoisted into a location to give a maximum grade of railroad cars at the top. The hody of four-tenths of one per cent. (about 22 ore is exposed and the mine is a sort feet to the mile) each way, and conseof hollow erater, with the tunnels run- quently extreme economy is possible ning below the crater. The cost of in the handling of ore by train. As a loading ore into cars from this kind of matter of fact, the Great Northern mine is, of course, greater than from a takes the ore in average trainloads of "stripper." 21,000 tons-about 42 loaded steel cars The ordinary "shaft and level" mine of $100,000 \mathrm{lbs}$. capacity-from the mines is worked as all such mines usually are to the lake, receiving for the service a by central shafts and levels driven hor- rate of 80 cents per ton. The trains izontally therefrom. There are mines make the round trip in 21 hours on an in which the ore lies at $a$ depth of 150 average. The method of sorting, handto 200 feet or more below the surface, ling an weighing at the dock is extoo great. In practice it is found be traordinarily efficient. As the ore varies too great. In practice it is found eco- somewhat in quality at different mines, nomical to strip a mine lying as far the cars are marked accordingly before as 80 feet below the surface, provided they are moved from the mines, and on that for each foot of strupping one foot arrival at the yards near the docks are of ore can be had. Up to 150 feet in sorted out for unloading. The comdepth it pays to strip if two feet of ore pany has three ore docks at West Sucan be had for each foot of stripping. perior with a total capacity of 165,000 The cost of mining ore and putting tons. The principal dock is 2,100 feet it on the cars therefore varies from 3 long, excluding the approaches, and cents a ton to as much as 35 cents, or contains 250 pockets, each with a capeven more, according to the develop- acity for 270 tons. Ore of a certain qualment work necessary on the mine, and ity is always loaded into the same pocthe opportunity for economical hand- ket, this necessitating the sorting proling. This governs the royalty paid by cess in the yard. When the train of lesses. Most of the lands are held on cars has been sorted it moves slowly on many leases are stake lease the plan tock, passing over a track scales usually provides that the lessee shan on the way, which accurately weighs usually provides that the lessee shall each ear, noting its number. These remine a minimum quantity of ore each cords are the basis upon which royat-
pear and pay so much per ton. Leases ties and freight are paid and upom

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which the consignee pays for the ore As the train stops each car is over a pocket; the hoppers are opened and the ore dumped into the pocket. The th then moves off, making way for another, and returns with its empties to the mine.
The ore steamers come alongside the dock and the ore is poured directly into the hatches from the pockets. A 5,000 -ton boat can be loaded in less than two hours, and the average time
spent at the dock by steamers is less than five hours. The boats mak round trip in about ten days from Cleveland. The size of lake steamers has been greatly increased of late years In 1888 Mr . Hill built some steamers of 3,000 tons each and was very greatly ridiculed for so doing. Now 6,000 ton boats are fairly common, and some 10 ,000 ton boats have been ordered by th Steel Company. The busizess is practically all one-way business as the only return load of consequence is coal, about $1,000,000$ tons coming west against about $15,000,000$ tons of ore from the range east. Mr. Hill went out of the lake business so far as freight is concerned a year ago, selling the Great Northern steamers at a good price. His reil trans portation, however, must yield a very handsome profit at the 80 -cent rate. This
is equal to something like $\$ 7.25$ per train mile, and it is safe to say that his total

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cost, including stock, handling, etc., cannot be much more than $\$ 2$ per train mile, if as much. There is certainly $\$ 5$ per mile profit, or say 55 cents per ton of ore handled. Adding to this the royalties on ore owned in fee, probably 70 cents per ton would be a most conservative estimate of the profit. On 10,000,000 tons, therefore, which Mr. Hill expects to reach in five years' time, there will be a profit of $\$ 7,000,000$ annually, being nearly 6 per cent. on Great Northern stock, and representing an initial cost to Great Northern of perhaps $\$ 5,000.000$ or $\$ 6,000,000$.
The position of Great Northern in the iron ore field is thus one of great interest and importance. As an owner of enormous jodies of iron ore it must be reckoned with by the United States Steel Company sooner or later. The full resources of the Great Northern have not yet been disclosed or proved as far as iron ore is concerned. There are large tracts of land owned by the company which have not yet been thoroughly explored, but which are known to contain ore. I do not know to what extent negotiations have hitherto been carried on by the company with Mr. Hill. There does not seem to be any trade on at present. Mr. Hill, as he himself says, is a transportation man, but he is not likely to permit so valuable an asset to lie dormant, or pass from Great Northern on unfavorable terms. It is clear that the Great Northern stockholders have in the Mesaba range an asset of extraordinary value for future exploitation. Agents of the Great Northern Company, moreover, are constant ly on the watch for more tonniage, and are constantly securing it, by all manner of trades. Some of these are ingenious in the extreme. Despite a falling off in the total shipments from the ranges last year, Great Northern gained 14 per cent. in its own shipments.
Nothing better illustrates the extraordinary genius of Mr. Hill and his
men than does the development of the or regain strength, and the agent ,in enormous iron ore business in the past making the examination, removes, and few years. The-visitor to the range fails to replace, such appliance, and incan hardly believe that the industry is jury results therefrom, he is guilty of barely ten years old and in reality negligence for which his principal must anseven or eight years old at most. Look- swer in damages. Tompkins vs. Pacifie ing into the future, the possibilities Mut. Life Ins. Co.
of the range seem almost unlimited, Though the insured is not bound to for no field can compare with it in submit to such examination, and may repoint of cost. The industry is receiv- fuse at the rifk of loss of his indemnity, ing the closest attention of Great or of litigation on account of his refusal, Northern hands, and that company is he may submit to it without losing his likely to be the dominant factor in right to exact care and skill in its exerthe range henceforth. Whatever hap- cise; and it is no defense to his action pens, whoever finally get the ore, that he consented to examination in a Great Northern stockholders are assured particular manner, if he did so in purof a large permanent revenue from it in suance of a request or demand that it the future. It is conceivable that some be so made. Between the physician and day there may be some cheap iron and the insured, in such case, the law governsteel made near West Superior.
From what I can learn, the United does not apply. Tomplins vs. Pacific Mut. States Steel Company officials have bern Tilfe Ins. Oo.
somewhat slow in recognizing the import- Plaintiff, injured in an accident, made ance of developments on the Mesaba proofs of loss to defendant, an accident range, at least so far as Great Northern is insurance company in which he stated the concerned.

Casuaity insurance pecisions.
Under a policy providing that if the insured's death result solely from boulily injuries effected through external violent and accidental means, a cortain sum shall be paid; that, if such death result from such an accident while riding a hio cycle, double that sum shall be paid; but that if death result from other causes the insurer shall not be liable-the insurer does not become liable on the death of th: insured from septic peritonitis resulting from inflammation of the appendix. cavsed by the regular movement of the "psoas" muscle while the insured was riding his bicyole. Appel vs. Aetna Life Ins. Co.
Where the injury of the insured is a sprain of the foot, requiring a plaster cast or similar appliance to hold the injured ligaments in place until they heal
exact amount claimed by him, the exact time he was completely disabled, the date he recovered sufficiently to resume his usual occupation, and the date when he did resume his occupation. Defendant accepted the proofs, paid him the exact amount claimed, taking from him a full and complete aoquittance. Held a bar to any further recovery of indemnity on account of the injury. Clanton vs. Travellers Protective Assn.
In construing an accident policy providing thet the insurance shall not cover injuries received while under the influence of or resulting directly or indirectly from intoxicants, sunstroke, vertigo, lernia or any disease or toottly infirmity, the phrase "disease or bodily infirmity" will not be limited by the preceding specific exceptions, they not being related to each other. Carr To. Muotice Ifut. Itite Ins. Co. of Calliforala.
A pollay thsured decensod against the effect of boilily injuriss catused solely by external, violent, and acoldental means. Decensed was on Atronge apparently heal-
thy man, fift never been s lift from ditticulty lift of a ba pounds, he tremities ber tion stood or the exertion the heart. within the vs. Pacific 1 Ordinarily whether a made by the terial, wheth intent to de her it incres sues made b brought upor deceive and $d$ sentation wl

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#### Abstract

thy man, fifty-eight years of age, who had the risk of loss, are largely dependent sickness of deceased, together with the never been sick, and who was accustomed upon the nature and duratron of the dis- bluish gray color which his skin, previouslift from 200 to 250 pounds without ease with which it is claimed the insured ly ruddy, became the day after the ac difficulty. Immediately after making a had been afflicted prior to the applica- cident, were visible external marks, withlift of a bar weighing from 350 to 400 tion for the policy, and on these matters in the meaning of the policy. Horsfall vs. pounds, he became sick and pale, his px- the burden of proof is upon the defendant Pacifie Mut. Life Ins. Co tremities became cold, and coid perspira- company. Held, it was not conclusively An accident insurance policy provided tion stood out on his face and hands, and established by the testimony in the case for a weekly indemnity, und also for a the exertion caused a violent dilation of at bar that the statements, representa- rrincipal sum, in case of death, to be the heart. Held, that the accident was tions, and warranties of the insured, con- paid to insured's wife, and further prowithin the terms of the policy. Horsfall tained in his application and made a part vided that immediate notice of accident vs. Pacific Mut. Life Ins. Co. of the policy, were untrue, in the sense must be given. Held, in an action by Ordinarily it is for a jury to determine that any misrepresentation made as to the wife for the principal of the policy whether a misrepresentation has been those matters was material or increased whether a notice given twelve days after made by the insured, whether it was ma- the risk of loss and that on these ques- death was with due diligence, and thus terial, whether it was made with actual tions, especially, the cause should have within the provisions of the policy, was intent to deceive and defraud, and whe- been submitted to the jury. Price vs. properly submitted to the jury. Horsfall ther it increased the risk of loss. The is- Standard Life \& Acc. Ins. Co. vs. Pacific Mut. Life Ins. Co. sues made by the pleadings in an action An accident policy provided that the Laws 1895, p. 400, chap. 175, sec. 20 , brought upon a policy, as to an intent to insurance did not cover injuries of which modifies and controls the fffect of statedeceive and defraud, and as to a misrepre- there were no visible external marks ments, representations and warranties sentation which, it is alleged, increased uron the body. Held, that the pallor and contained in an application for accident


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 under the Now Canadian Preferential Torlft.insurance, and made part of a policy that those already established in a therefore the elevators handled but 31, thereafter issued, so that mixrepresenta. bowines hasy hale developed with the 000,000 . On May 1 there were $8,500,000$ tions made therrin shall not be demed growth of the country should not wish bushets in store, and about $4,000,000$ in material, or defeat or avott the policy or to divide it with wew companies; there- farmers hands. This, should the elevators prevent its attaching, untess maire "ith fore, the ussertion of the Ginatian com- get it nll, will give a total of $43,500,000$ actual intent to deceive and deframid, or panies that the business is becoming cut burhels handled by the 835 houses for the unless the matter misrepresented incroas. W, and that the number of country houses cop, year, or an average of a trifle under o.l the risk of loss. Price ve. Standard has aheady gone beyond the requirements $\mathbf{5 0}, 000$ bushels of wheat for each house. Life \& Ace. Ins. Co. of the cometry, will matmally be taken Thime is in contemplation now the as the expression of biased persons, says building of 200 country elevators. It Winai, "gy correspondent of the Com- may be that there is room for that THE: CoUNTR (iRAIN BLEANEAS iN mercial West. A few figwes will there- mony more; but it would seem from the manttoba. fore have more weiglt with the grain foregoing figures that the outlook for trade at large than any umount of argu- buxiness should first be thoroughly inme:t. vestigated. There will, of course, be Is the country elevator business of II Hew Camadian Northwest there are a few new stations win of new territory, Manitoba and the Northwestern Terri- R8, country elevators, or that number where the business will warrant the that is confronting the is a question have been registered. Up to May 1 building of elevators; but beilding is that is confronting the pain trade of the stations where thexe elevators are not confined to such localities. Winnipeg; and the increasing mumber locsated had handled approsimately 37. There is still another feature of the of elevators is view with solicitude, won,000 bushels of wheat on the last crop. comentry elevator business-two feaand Grain Trade. It is only natural loaded into cars from track platforms; tures, in fact, that must be considered, loading on track and shipping

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by commissio
allied. The
${ }^{01}$ track
shipments or
is large. Up
dian Northern
tions, taken
from elevato that were loa percentage wo whole wheat it certainly extent of trac The law w bution of car weli known $t$ United States, of place to br law provides pers have ap
$\square$


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by commission men. These are closely allied. The amount of wheat loaded ${ }^{01}$ track, which represents farmers shipments or sales to commission men, is large. Up to Januar 1 the Canadaan Northern road had, at certain stations, taken $4,173,000$ bushels of wheat from elevators and $1,689,000$ bushels that were loaded on track. How this percentage would hold out for the Whole wheat area cannot be-told, but it certainly gives some idea of the extent of tract loading.
tent of tract loading. Now the commission man or track ing The tendency seems toe be in this
The law which regulates the distri- buyer has some advantages over the direction, and therefore toward the enbution of cars to shippers is doubtless blevator owner. Wher the forme the direction, and therefore toward the enweli known to the grain trade in the get their cars loaded, he can buy them business
United States, but it may not be out and so, at times, do a more active busi- lle day of big profits in the buyin of place to briefly touch upon it. The nes than the elevator owner who can- of grain in the Canadian Northwest is law provides that if a number of ship- not get cars. The latter might enter apparently over. Yet the grain buyer pers have applications in at any sta- into competition with himself and the must, in self protection, buy of the
tion for cars, one car shall be given each track buyer, and probably is at times hipper in the order of his application. compelled to
Although one of the applicants may be The railroads in Cranan do not, as the local elevator company, which might do some roads in the United States, huve a house full of grain, and the others place any restriction on the numb r if were farmers, the company could get but clevators that may be built at a staono car, in its order, and all the others tion. This, of course, opens the way could get a car each before it could have for unlimited competrtion, which is not nother. This law is rigidly enforeed. then life of tracle. Furthermore the to tome hre hen is the calried to the highest court; but so far with loading platforms between stars th: law has been sustained. tirns, which will increase track loadof the grain commission
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farmers at a wide margin under the the grain business, and this must inevitmarket price during the late fall and ably react on the farmer. through the winter. This is made necessary, as the closing of navigation practically puts a stop to exporting, a pud the grain must therefore be carried until spring, without any opportunity to safely hedge against it as can be done in the United States.
Navigation closed, last year, on December 5 . But the country elevators, owing to the inability to get cars, shipped out only the wheat purchased prior to October 18. Thus all the grain purchased after October 18 was caried until spring wheat after thg, and the price of cash. Brink et al. vs. Merchants' \& Farmers' wheat after that date should have been United Mut. Ins. Asn. of South Dakota. several'cents under the May price; yet all the fall cash and May wheat were the same. Any tendency to widen the -pread between cash wheat and the futures at once resulted on more track pread between cash wheat and the fu- agreement indorsed thereon, if other in-
ures at onee resulted on more track surance is procured on the property, loading. The farmers believed they be waived by an agent having authority were being discriminated against, and to permit other insurance though t' they would not stand it. Their ship- policy provides that no agent shall have ments only resulted in a greater con- power to waive a provision or condition. gestion of loaded cars, which it took Kotwicki vs. Thuringia Ins. Co.
so long to straighten out.
The law that discriminates against Under Const. art. 9, sec. 7, providing the elevator owner in favor of the that the property of a married woman, so farmer was doubtless well meant, but long as she may choose, shall be her serit was probably framed by some the. arate property, ond may be convered or oretical person unfamiliar with the devised by her as if she were single, ind principles of business. It is a serious shall not be subject to her husbani's handicap to the proper development of debts, the husband has no insurable inter-
est in his wife's property, and his policy. taken out therein is void. 'lanters' Mut. Ins. Co, ve. Lioyd.

## FIRE INSURANCE DECISIONS.

In an action against an insurance company, where plaintiff alleged that the ac ceptance of premium and application by the company's agent constituted an insurance contract, the burden was on anche to ahow that it was understood the time of signing the application

The provision in a policy that it shall be void, unless otherwise provided by an waived by an agent having authority
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t ${ }_{3}^{2 n}$ age

Applying the general rule that a cause of action for breach of contract accrues immediately upon the happening of the breach, although actual damage resulting therefrom may not occur until after. ward, it is held that the right of action
A fire policy providing that the insurer shall not be liable, "unless lixbility is specifically assumed," for loss to "store or office furniture or fint lyes," ant des. cribing the proparty insured as a building 'including gas, scoum and water pijies, and all other permanant Extures contained therein," does not cover counters, shelv$\mathrm{in}_{\mathrm{g}}$ and office fixtures in the building, which might be removed without injury to them or the building. Banyer vs. Albany Ins. Co.

A per son may maintain an action to ecover damages for the breach of a contract to instire his property against loss by fire, and the mensure of damage, in the case of the destruction of the same, is the value thereof, up to the amount for which it was agreed that insurance and ademnity should be procured. The relationship established by such an agreeinent seems to be that of principal and ent. Everett vs. O'Leary.


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accrues and the statute of limitations shall be void if the interest of the in- cause of rection. Dwinnell and Sweet, Recommences to run at the expiration of the sured be other than unconditional and ceivers, vs. Kramer.
reasonable time within which the policy sole ownership." In an action on the poli-
should have issued, and not from the time cy, the court found that when it was iswhen a fire occurs. Everett vs. O'Leary, sued plaintiff was the owner of the build-
ings insured, which were situated on
When the policy has been cancelled, leased land. Held not equivalent to a and notice of that fact has been given finding that plaintifif was the owner at to the insured and the agent, and a con the time of loss. Milwaukee Fire Ins. Co. siderable time thereafter the building de-vs. Todd scribed therein is destroyed by fire, the company cannot be compelled to accept An insurance policy issued by appellant, payment of the premfum, reinstate the a mutual insurance company, was accordpolicy, and thus render itself liable for ing to the Minnesota standard form. exthe loss. Merchants \& Manufacturers cept that it contained references to the Mut. Ins. Co. vs. Baker. articles of incorporation and by-laws, and a provision that the premium named in
"Where an insurance company, with knowledge of a breach of the conditions by the insured, tans to declare a forfeiture of the policy, and continues to recognize its liability by demanding proofs of loss, it waives the defense based upon such breach of policy." Home Fire Ins. Co. vs. Phelps. the policy should be payable in cash or
notes, as agreed upon, and that the in. notes, as agreed upon, and that the inasumed ane acceptance of the policy, preatest importanee as not only the fer the premium. In liability equal to tilizer industry and with it the welfare the premium. In an action to recover of the agriculturists are dependent upon policy stated upon its face that it was a this material, but also the manufacturers policy stated upon its face that it was a d explosives cannot do without it. mutual company, and that the insured At present the most important source Where a mortgage is assigned to an was subject to pay the additional premi- of fixed nitrogen are the saltpeter deinsurance company by the mortgagee, and on foreclosure it appear tiat the premises were insured by the ecmpany and the loss paid to the mortgagee in considera. tion of the assignment and in accordance with the policy, the payment of the loss extinguished the mortgage to the extent thereof, precluding a recovery thereon by the company. Gardner et al vs. Continental Ins. Co. unn, and the contract was not changed posits in Chili. But as recent investiby the fact that it was represented to be gations have shown beyond any doubt, a stock policy. (2) Having kept the po- these deposits will last only for a comlicy and receiving the benefit of the in- paratively short time. According to a surance, the insured was estopped from report issued lately by the Chilian setting up as a defense fraudulent repre- government it is estimated, taking the sentations as to its character. (8) The in- present rate of consumption in the
sured was not entitled to sured was not entitled to notice of in- whele world as a basis, that these retention to make an assessment for such sources will be exhausted within forty additional premium. (4) The policy was years at the latest, while other mining not void because it did not contain a pxperts hold the opinion that they will A fire policy contained this clause: "The cause che insured did not receive such any rate, there will be twenty years. At entire policy, unless provided by agree- notice. (5) The answer did not state a far remote when the a the not very ment indorsed thereon or added thereto, defense. (0) The complaint stated a good fronted with the necessity to look for


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#### Abstract

nother sombe from which to supply cors, the solution of this question also the necessary amount of fixed nitro- has been found at last. Exp:riments geth. It is this question which, for a which Professor Ostwald, with the as:ambler of years, the chemists have sistance of Dr. Brewer, hat condu-ted striven to solve. $\begin{gathered}\text { sirce November of the year 1901, have }\end{gathered}$ ince as source from which to obtain finally led to the discovery of a method fixed nitrogen. Ammonia is one of the into nitric acid in any desired amount. most valuable by-products of the gas Although at present the yield of nitric and coke industries, and it is from this acid obtained by the practical appliasource, as Professor Ostwald states, tion of the new method is only thresthat Germany derives at present a forirths of the amount obtained by the fouth or even a third of all the nitro- iabaratory experiments, Professor Ostyen used for fertilizing purposes, al-wald asserts that there can ive no though the bulk of the supply is still doubt that by improving the details of furnished by the Chilian saltpeter de- the process the yield will be considerably pcsits. However, as the gas motor is increased. supplanting more and more the steam The new discovery of Professor Ost motor, it may reasonably be expected wald deserves so much more attention that the supply of fixed hydrogen in the as the ammonia will, in future, not be form of ammonia will be steadily in- used for fertilizing purposes, as is done creased. But while the exhaustion of the phuric acid. The conversion of ad Chilian deposits may, therefore, not monia into nitrate of ammonia in a affect the agriculturists, because they solid form will save the cost of the will be in a position to replace the nit- sulphuric acid, and will, furthermore. rate of sodium by ammonia, it is entirely result in the production of a fertilizing different with the manufacturers of ex- material which, contaimng thirty-five plosives. The armies of the world would per cent. of nitrogen, will exsell any be without their most formidable wea- other similar substance. pon, gun powder, without a sufficient sup- The new discovery of Professor Ost, ply of nitrogen in the form of nitric acid. wald can, therefore, not fail to besome As has been the case in so many a new important factor for aur agriother instances where the indefati- cultural and industrial development; it gable, never relaxing assiduity of the is a new leaf in the wreath of glory of chemist has been crowned with suc- German chemistry.


THE ST. LOUIS, U.S., STAMPS.
Shall Napoleon Bonaparia be accorded the umparalleiel distinction of representation upon one of the postage stamps of the United States That the portrait of the once mighty Frenchman shall adorn the portal gallery of the United States is more than a possibility-it is, in fact, quite probable. The occasion for this pescille departure from established custom lies in the prospective issue of stamps hy the post-office department to commemorate the purchase of the Louisiana territory from France in 1803. The decision (o issue a special series of stamps has not been finally reached, but from the 1 ishest authority it is learned that there is practically no doubt of an affirmative decision. It is understood that the commemorative series of stamps will comprise but four denominations-1. 2, 5 and 10 cents. The details of size, shape and design have not been considered officially, but suggestions as to designs have been made and filed for future use. Among the ideas advanced is that of placing won the four stamps portraits of the leading factors in the negotiations in 1803 and in 1903.

In the first class Jefferson and Napoleon, of course, stand alone and undisput ed in title. It is suggested, and the department officials consider the idea a valuable one, that Thomas Jefferson's bust appear upon the two-cent value,

For Invalids
Pasily Digee
Soup or
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Which is disti that Nupoleo ent value. countries with
if the fact th rulations of that the ports shall be plac President Roo President McI tive at the tin lileeral appor heeld that his :igning the act ing his portrai stamps. This ther borne out in authorizing dollars, to be nection with ing the bust ferson- 125,000 ed. Carrying


## T. K. BELLIS'S.

## Real Turtle Soup \& Turtle 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 Turtle, and vastly superior to any forms of Meat Extract.

The Soup is put up in pint tins, puce, $5 /$ - (exactly half the price usually charged) and in Class Flacons, 7/- The Turtle Jelly is sold in $2 / 6$ glass bottles, ready for une. Full instructions for use on each package. From Chemiats, Grooers and Stores; or orders and remiltanoes oan be addressed.
The T. K. BELLIS TURTLE CO., LImfted,
15 Bury Street, ST. MARY AXE,

## LONDON, E.C. Eng.

Oanadian Buyers are reminded, they have 331/6 p.c., in their favor, under the New Tarife.

Which is distinctly a domestic stamp, and conciusion, President Loubet of France that the $\$ 4$ stamp of the Columbian series, that Napoleon's portralt adorn the five- would be entitled to the fourth place. issued in 1893, to commemorate the world's vent ralue, which carries letters to all cointries within the postal unfon. In view of the fact that it is contrary to the regulations of the post-office cepartment that the portrait of any living American chall be placed upon a postage stamy. President Roosevelt is barred. However. President McKinley was the chicf executive at the time Congress authorized the Leuisiana purchase exposition and made liheral appropriations therefor, and it is held that his official act in approving and -igning the act is ample warrant for placing his portrait upon one of the proposed stamps. This view of the matter is further borne out by the action of Congress in authorizing the mining of 250,000 gold dollars, to be sold as souvenirs in connection with the exposition, each bear-
ivg the bust of either McKinley or Jef. ing the bust of either Mckinley or Jef-ferson- 125,000 of eacli harngy been coinAt this point, however, the regulations of the postoffice department loom une Tlis rule, as stated, is to Asabella of Spain. This was the first and the effect that in fact the only time such an honor has and been bestowed by any nation upon the $\mathrm{u}_{\mathrm{l}}$ on United States postage stamps. Pre- earth. sident Loubet is, of course, rot an American, but he is alive, and the question is, would the port-office department consiler: the French president eligible? In this comnection it may be remarked that up, to this date there is no record than any nation save the United States has ever issued a postage stamp bearing the effigy of a sovereign of another nation. At the time the department deter ained to place ELECTRO-CHEMICAL RESEARCHES.

Industrial electro-chemical and electro metallurgy have alteady aceomplished. wonders in the field of manufacture, says a become a staple product of the electric the portrait of Martha Washington upon furnace, displacing in many trades near the eizht-cent stamp of the series recen:- ly all other abrasive materials. In the ly issued, the claim was made that Mar- past year it has become an important ored by this government, and this state- tons per month are demanded for this ment was accepted as true until a stamp industry alone. More recently tungsten

## C. SMITH \& SONS.

 Forest Gate Shoe Works, ANSTEY near LEICESTER, ENGLAND. Boot and Shoo Manufacturers
For Canadians under the New Preferentlal Tarlff.

# L. \& P. UUALTER \& SON 

LIMITED.

Wholesale and Export Clothiers, and Woollen Warehousemen,

68, Commercial Street, Spitalfields,

LONDON, E., England

We manufacture specially for Canadians, under the New Preferential Tariff, $33 \frac{1}{3}$.ip.c. in favour of Canada.
(Cate will be inserted as soon as redeived.)
ly produced in the electric furnace, and the use of these in the steel trade for manufacturing self-hardening and highspeed tools has steadily increased.
The manufacture of aluminum, zinc and manganese in the electric furnace has also achieved considerable importance, and promises for the near future far-reaching developments. There are several factories now engaged in manufacturing aluminum at Niagara Falls and Messena, and their total output is considerable. Commercia! phosphorus is satisfactorily made by mixing the finely-powdered phosphate material with carbon and sand in the plec tric furnace, and then ,when heated, distilling the phosphorus from the mass, and collecting it under water.
The development of the carborundum industry led to the manufacture of artificial graphite, which is nuw produced by passing the amorphous carbon through the electric furnace, and obtaining a pure graphite with merely a fraction of one per cent. of ash. Even the direct graphitization of anthracite coals has been suc cessfully ${ }^{\bullet}$ accomplished, a granular gra phite being obtained which can be extensively used for lubricating purposes. This graphite is easily manipulated with machine tools, and is of great service in many trades. In 1901 over two million pounds of this graphite were made in this country, and much more in the year just, closed.
The electrolytic production of caustic alkalies and chlorine has proved of the
greatest importance to the world of trade. ation at Penn Yan, N.Y., where a daily The chlorine produced is fused for mak- output of 10,000 pounds is an average. ing bleaching powders, which in turn has The electric furnaces employed for this revolutionized the bleaching trade here work at the Penn Yan factory represent and abroad. The production of sodium by the largest yet made in any "of the electrolyzing fused caustic soda has de- electro-chemical industries in this country. veloped rapidly at Niagara and other They are sixteen feet in diameter and places where large electric units are sup. about forty feet high, having a capacity plied at low rates. The production of so- sufficient to make a larger daily output dium is now conducted on a large scale. than any similar factory in the world.

The production of nitric acid by electro-
The mamufacture of carbon bisulphide chemical methods is a new process that by directly treating in the electric fur- promises extensive changes in our agrinace charcoal and sulphur is now in oper- culture. The manufacture of nitric acid


City Billiard Works,
Middlenex St.,
LONDON, H.O., Fingland.
Manufacturers of every desorlption of Bililard Tablow and Acoeseorles, for Canadlans under the Wev Prefereptlal Tarlir.

Contractors
Telegraphic


Patent
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from the nit sufficient $q$ has been the for years. A been conducte commercial n tension curre which a yield is obtained f hours. Steps establish the a large comm ther experime ducted, they the practical
There are
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to produce a tions with th furnace and and silicides ing of these, the only ones ficial camphor carbine is no scale. One co phate into o Barium hydra cessfully that ferent trades ways. Both wo widely d -employ bari

Contractors to the Indian Government, London County Council, H.M. War Office, Corporation of City of London, \& Ec c , \&\&c. Telephone No. 899, Hiop,

Established $\mathbf{2 8 5 6}$. Telegraphic Address: "SKUDDER, London."

## GEORGE SKUDDER \& CO.


rom the nitrogen and oxygen of the air . sufficient quantities for commercial use has been the dream and hope of scientists for years. At Niagara experiments have been conducted successfully in producing commercial nitric acid by using a hightension current in an air chamber, by which a yield of one pound of nitric acid is obtained for every seven horse-power hours. Steps are now being taken to establish the production of nitric acid on a large commercial scale, and while further experiments in this field will be conducted, they will be simultaneous with the practical work of making the product.
There are many other lists or groups of products of great commercial value which the experimenters are trying hard to produce artificially by chemical reactions with the high temperature electric furnace and current. Ammonia, cyanides and silicides are among the most promising of these, although not by any means the only ones. The manufacture of artificial camphor is now assured, and calcium carbine is now produced on an enormous scale. One company converts barium sulphate into other needed barium salts, Barium hydrate is now produced so successfully that its price enables the different trades to use it in many minor ways. Both the sugar and paint tradetwo widely distinct industries otherwise -employ barium hydrate on large

Telegraphic Address : "INDUSTRIA, BRISTOL."

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## 28 \& 30 Viotoria Streat, BRISTOL, Eng.

## FELTSTADCZPS.

 LetTER ORDERS immediate attentiunSole Manufacturers extra light, easy-fitting Silk Hat. Pliable Consol. Price Lists upon application.

## W. \& J. Pegg,



Plain and Ribbed Seamless Hose and Half Hose, Children's Socks and $3 / 4$ Hose, and Boys' Knicker Ribbed Hose.

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


## SHAN BROTHERS,

Leather Lace Manufacturers,
Stone Bridge Street Works, - Lelcester, England.
amount issued frem from call, and none is issued the fact is to be so stated, The amount issucd subject to call. the the amount of calls received, the amount, of calls unpaid, the amount of shares which have never been allotted or subseribed for, the total amount for liable aret of the unpaid stock held by them and the rate at which shares were sold, or disposed of. The sum of $\$ 2, \$ 3$, or $\$ 5$ must be forwarded with the statement, according to the company's capital. The penalty for delaying the transmission of the statement beyond the 8 th of Februury is $\$ 20$ per day. There is also a forfeiture clause. Under the Dominion laws the application for a charter must be adverised in the Gazette for one month. The promoters must also deposit in cash with the Receiver-General ten per cent. of the capital of the company.

NEW USE FOR SULPHATE OF IRON.
An important use for copperas has been developed by the American steel and Wire Co, in its experiments in water puritication. These experiments have been carried on at some length and have proved that the field for copperas or sulphate of iron as a water purifier is world wide. for the same system may apply wherever a water supply is to be purified. The antiseptic properties of sulphate of iron sem to have been demonstrated by its use in certain diseases. For example, in foot-and-mouth disease of cattle external application of a 20 per cent solution of copperas in the form of a spray, together with a mouth wash of a 10 per cent solution of the same chemical, and in acute cases a 5 per cent solution of the same chemical, administered internally, have been found to cure the disease asd prevent its spread. No doubt a similar effect is produced by the sulphate in the process of water purification, though the system is based rather on the principal oi precipitation than of sterilization.
The experiments at Quincy, IIl., were
corducted by introducing solutions of cop- charged with the requisite quantity of croce and lime of iron solution while being thol is as follows: The sulphate of iron is pumped from the intake well, but the lissolved in a tank of 3,600 gallons oi lime solution is not injected until after weter. The lime is dissolved in two tanks the water has passed the pumps. Chargof 7,000 gallons each, sufficient water be- e.d with both solutions the water then in. used thast CaO , and produces passes into the sedimentation basin. Here clean solution. The river water is the solutions quickly draw from the wa-

Gstablished 1879

## WALTON CARR, Junr..



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Asfordby Btreet Works, North Evington, Leicester. England. WEARE STILL LEADIEG THiG WAY WITH

## BRITISH SHOE FINISHES

Royal-Oak Stain for Sole Finimhing. British-Oak Russet for ${ }^{2} 30 l e$ Finiehing
Rapid Brown for Heels and Hidges.
Now Process Black for Iicele and Bottom.
Hdge Inke, Fake, Hoel .Balle, Waxes, dec.
We Excel in these Lines.
International Shoe Findings. Lt'd., Manutactubrese or Stain, Ink, Waxes, \&ic.,
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Blagk: Gray Street Mills, LEICESTER, Eng Ter Speolal prioes to Canadlans yudor the New Tarif, *

Buying Agents Wanted.

# The <br> Best Value 

## Men's Fine Footwear

-IS UNLY TO BE SEEN AT-

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LIMITED.
THERE'S MONEY!!
Special Points.-"QUALITY" the first consideration. Unequalled for Hard Wear
Latest Styles. Superior Finish. Korrect Details.

To be got out of our Splendid Range of New Samples.
Expert Boot Buyers Recognise these Distinctive Lines
As the greatest VALUE ever offered.
Pheonix Shoe Works, - Northampton, England.
te: by precipitation and coagulation the animal, vegetable and foreign matter, leaving a small percentage to be afterwards extracted by filtration.
This sedimentation basin is 70 by 70 iect and 9 feet deep, divided into compartncr.ts. The water entering the basil: passes around, over and under partitionce and baffles and overflows into a rerefing well through a wide and shatlov: trough. The sediment is readily flushed out through openings in bottom of basin leading to sewers.
The water flows by gravity from the receiving well through fourteen Jewell gravity filters into a clear well, from which it is pumped to the main reservoiof $20,000,000$ gallons capacity, located on tice heights about two miles distant.
The water in this reservoir is about
2. feet in depth and is so clear that it
becr.me necessary to build a roof ovet it
$t_{0}$ keep dut the sun's rays and thus pre-
vent the growth of vegetation.
The quantity of sulphate of iron used
at Quincy is about $11 / 2 g_{\text {a }}$ ains per gallon a Quincy is about $11 / 2$ gains per gallon state that of the last crop the Fort c.t water pumped from the river, which William elevator tilled and emptied seven is usually extremely turbid. The same times. The only possible question will be quantity of lime is used. The result is a as to the distribution of the elevator over I.erfectly pure and palatable water, clear* the country, there always being congesthe purest spring water favorably with tior or else lack of facilities at a few the purest spring water. No trace of the points. Over 400 elevator permits have solntions used remains in the water and been issued to date this year, this being it is therefore adaptable to all purposes. large to date, the total for last year beThe success of the Quincy experiment will ing some 900 permits. As to their char and to the very greatly enlarged use of honses there are practically no flat wareand to the very greatly enlarged use of houses asked for within the strict meancopperas as a water purifier. ing of the term, the licensees putting in ing of the term, the licensess putting in
dryating machinery in nearly every case. The fammers are doing this to a large extent, and there are also to be new loading platforms innumerable. These plat-

## MOVING WESTERN GRAIN.

"With elevator capacity for $150,000,000$ forms will ${ }^{\text {pe }}$ pe able .to accommodate two
bushels of grain, there should be no fear cars of the largest style, and orders have bushels of grain, there should be no fear cars of the largest style, and orders have 2. to the storing of the present Cana-- been issued for enlarging we old ones in
diah wheat crop," says Warehouseman C, many cases. The movement of the crop, Castle, of Winnipeg. "This includes 14, seeing it is within last year's figures, 000,000 bushels at the lake front, and and that the railways have both more

# SIMON COLLIER, Limited, <br> Northampton, England. 

-MANUFACTURERS OF-
High Class Ladies' and Gentlemen's Fine Boots and Shoes,
n-For the Canadlan market, under the New Preferential Tariff,

Oute will be ingerted as soon as recelved,

MONTRBAL WHOLTEALE PRIOBS CURRRNT THURSDAE, SEPTEMBER 10, 1008,

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power and more cars, should naturally Le executed better this year.
As to the present strength of the railways, it must be remembered that the west-bound freight has grown to an enormous extent in the last year, and that 80 per cent. of the cars going east with grain will return now as empties. This means a longer round trip for each car. The railways say, however, c山at, with new rolling stock yet to be delivered, they will move the crop as speedily as may be desired. My opinion is that it ought not to be out of bounds to expect 65 per cent. of this year's crop to be out before the close of navigation, which 1 regard as the ideal to be sought, as it costs the country 65 per cent. of the crop to raise it until it pays full expenses, and the balance it is not desirable to dump on the market all at once. The high price of wheat, if it holds, should nearly all be reaped by the farmers. There are some 300 separate and individual interests in the storage trade of the Canadian west, and to thing of successful combination among so many seenss to me to be absurd. Then, again, these and the other large buying interests make over 400 separate buyers, so that a successful combination to control prices is out of the question. There is nothing that I see to prevent the farmer from receiving all that is due to him of the price of wheat. Handling expenses will be increased by the higher insurance to be paid, but there will be no grumbling at that."

MONTREAL WHOLRBALE PRICRB OURRENT THURSDAX. SEPTEMBER 10,190 s。


## MONTREAL

 THURMONTREAL WHOLERALR PRIGR8 OURRENT THURSDAY, SEPFEMBER 10, 1908.


THE MANUFACTURE OF WOOD ALCOHOL.
The raw material in the manufacture of charcoal and wood alcohol, says Hardware and Metal, in describing a Canadian works of this kind, consists of No. 1 quality beech and maple, with a small percentage of birch. The wood cannot be u-ed green, but is kept from 12 to 18 months before being used. The wood is placed in steel vesels called retorts and ovens, which are hermetically sealed. A ovens. Which are hermetically sealed. A
low-grade continuous fire in about 24 hours reduces the contents to charcoal. The fuel used is mostly wood, and in this way the rough wood whroh is unfit for carbonization is utilized. The fire first drives off the moisture contained in the wood, and the acids and tarry matter follow in the form of smoke or vapor. The vapors pass through cold water jacket condensers and form, after condensation, what are known as pyroligneous acids. The condensers are placed perpendicularly against the brick wall containing the reterts. There are spouts at the bottom through which the pyroligneous acids pass after condensation. The liquid is then subjected to a chemical triatment which separates the acids and spirits from the tar or pitch contained therein. The pitch becomes the wood pitch of commerce after a short distillation process, and is a not unimportant by-produet.
We have still, however, the acid and spirit together in solution. They are separated by the introduction of milk of lime, the lime neutralizing and absorbing the acid properties of the solution, leaving the spirit and moisture free for separate distillation. The saturated solution of alcohol is then passed through the various stages of columnar distillation in or der to remove impurities, free it from moisture, and properly rectify it for the wcod alcohol of commerce. The process is carried on to a.greater or less degree

These Standard Lines cannot be beaten for Price and Durability.

## The Thoroughgood "

Football Boots, The Kickecre, Patent No. azor6. Cycle Shoes with Special Nerpolip Soles in M.S. orn Veldt
Choen. Gents, Ladies Boots in all Styles and Varieties. Our Boys and Girls School Boot, defy Competition.

Specially made for Canadians under the New Tarif, 88\% p,o. In their favour.
MONTREAL WHOLERALE PRIGES OURRENT THE MANUFACTURE OF WOOD

MONTREAL WHOL EBALE PRICEB OURREMT, THORSDAY, SEPTREMER 10, $1800^{2}$


# HAM, BAKFR \& Oo. LIMITED. <br> MESTMTINSTER. Ene. 

## Fithngs for Waterivorts \& Semerage

## Penstocks \& Valvee For Bacteria Beds.

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BAM, BARER \& CO., Apparatus for Drilling and Tapplag Water Mains under Pressure At Miakint Conneotion without Turnier Oef Wheter.

As supplied in London and Districts.

Sewer Ventilating Shafts

Price F.O. B. London or Liverpool, - Ero-so-a

awording to the quality requirad to protimually being made as to quality, sud Sthe necessary chemical treatments for getting rid of inherent impurition are made at intermittent stages of the operat tiom.
We noticen? that the amid mopention wre wentralized and absorbed by the lithe They are now subjected to a different ing pans where the moisture is drisen off by a fored evaporation. The pro"xs: camnot fail to remind the visitor of the maple suyar bush and the "suyaring
of"" operation. When the greater part of "ff" operation. When the greater part of tion forms a mush. which is then transferred to drying flooms under which the proper degree of heat in passed to dry the matter thoroughly and crystallize it. When the process is rompleted the product is crystallized as grey acetate of lime, from which may be manufactured acetic acid, acetone and many of the most powerful solvents known te modern science.

CANADIAN PULP wOOB.
The Year Book for 1902 shows that the urod pulp industry of Canada for the alendar year mentioned was carried on by thirty ffive miths, which find an outpurt of 240,989 tons of wood pulp. Of this quantity 155,210 tons were mechanical pulp, ....v sulphite, and 9,044 soda. The

HONTREAL WHOLEBALE PRIOEBCURRRM THURSDAY, SEPTEMBER 10, 1006,


MONTRRAL
THU

## Base Price Lese than then

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eut pry Bhoeting Montreal Qre $\because$ No.
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## C. FREEMAN \& SON, LTD. <br> WHOLESALE MANUFACTURERS OF THE CELERRATED

Triangle Brand of Boot Uppers, Leggings and Gaiters, Boots and Shoes, and Veldtschoens forthe Home and Colonial Markets.


HONTREAL WHOLEBALE PRICRE CURRENT
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Bullaing Paper:
Diy sheeting (roll)

corresponding quantities for 1901 were: Mechanical. 169,360 tons; sulphite, 84,500 tons; and soda, 10,740 tons. This shows a recrease of 23.611 tons in 1902. The decrease is distributed: Sulphite, 7,765 ; s.inn, 1,8106 ; mechanical. 14,150 tons. The intal value of the output of 1902 was \$1.38: $18 \mathrm{~s}=$.
Them are ectal large mills in course of construction, or which, being finished, did not oprerate during the year 1002. Two or three firms have gone out of business, or manufacture only paper where before they made pulp.
Nine of the thirty-five mills manufactitre sulphite putp and fotr soda pulp. "'wonty-five manufacture mechanical pulp ant! four made both chemical and mechanical. Taking the returns of thirty-two mills, the average time the mills ran was ten months. The power to drive the mills is chiefly derived from water, of n total power equal to 81,725 horse power, 78,296 is water power.

The value of wood pulp exponted from Canada during the years ended June 30, 1890 to 1902 , is as follows:

Total exports

## \$168,180

168,180
355,303
45̃5,893
547,217
590,874
675,777
741,959
1,210,421
$1,274,276$
$1,816,016$
$1,037,207$
$2,048,308$
The growth of the industry is considerable. In the census of $\mathbf{1 8 8 1}$ there were five establishments with an output of 863,000 . In 1891 there were twenty-four

MONTRAAG WHOLEBAL PRTOR OURUBNT THORBDAT, BEPTRMBRR 10. W0\%.



Pattern Ne. Bl,-Prieed complete.
Paftern No, BO.-Prtced completo.


## The Leading ACTUAL MANUFACTURERS in England.

We Brand FREE Customers Name on any Ball.
" s " quallty Balls are cut from the very finest Bides it is possible to produce. Shapes of all qualities guaranteed. WRITE FOR PRICE LISTS.
th an out e $\boldsymbol{\sim}$ eturns for 1001 lanye not yet been tabu. dnet in the United Kinglom is large In of industry. The total output of metallic lated. For 1002 the returns to the ata. the calendar yar 1902 the requirements minerals for the year was valued at over tistical branch of the Year Book show, of Creat Britain were of the value of $37,002,499$, and making deductions for the as aiven some thirty-five pstablishments $\$ 11,671,367$, of which seven-elevenths were
 with an outpht of $\$ 4,383.88$. durt of Canadian mills, the enstoms re
turns show that during the calendar year 1902 the export amounted to $\$ 2,511.660$. leaving \$1.871,518 for home use. In a general way, therefore canadu exports about 57 per cent. of her production. Of the 2.511 .664 worth exponted by Canada in 1002. Great Britain took $\$ 976,192$, the United States $\$ 1,518,130$, and other coun-

## W. \& E. Turner, Limited,



Over 130 Branches roughout the United Kingdom.

Wholesale and Export
Boot \& Shoe
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CHURCHGATE.
LEICESTER,
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Agents and Travellers in
South Africe, Auntralia, New Zealand, India, \&ec.

Speed: 800
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| production increased during the year from \$347,280 to $\$ 1,610,031$, and the pig iron output was valued at $\$ 1,683,051$, a slight decrease compared with the previous year. The total value of the copper output was $\$ 680,283$, and of this $\$ 816,763$ worth was from the copper-nickel ores. The gold output of the province was $\$ 229,828$, and the silver $\$ 58,000$, both showing decreases compared with the previous year. Common brick and building stone are both above the million dollar mark, and the total output of Portland cement was valued at $\$ 916,221$. <br> The iron situation in the United States gives special interest to the iron prospecting which is now going on in northern Ontario. A shortage of iron is already discussed as among the fature possibilities, and there are good reasons to believe that Ontario will play an important part in providing a supply. The reserve in the Lake Superior district on the Amer- | The Best and <br> In Goodyear Welts, Turns and Blake Sewn. T. Roberts \& Sons, ${ }^{\text {Po that }}$ LEIOESTER, ENQ. <br> These Shoes are Manufactured for Canadians at $33^{2 / 3}$ p c. under the new Preferential Tarif. <br> LIDIES' FIIE SHOES Lateat styles, Corpest Hodels, Por Base, Blegance and Wear. | ont Popular Brand of <br> 2New Olete will be ieserte serstweels. |
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ican side is estimated to contain one thou- ranges in orthern Ontario corresponding Vermillion regions do not continue into sand million tons, and nine-tenths of to those which now give the United States ${ }^{\circ}$ Ontario, the demands of the future will this is under the control of the United Steel Corporation supremacy, and, al- greatly increase the value of such depostates Steel Corporation. 'the steel manu- though it is not likely that ore bodies sits as are already known to exist. facturers outside this corporation have equal to the Mesaba, in Minnesota, will already experienced considorable difficulty be discovered, there will soon be an urin securing a supply of raw material. Of gent demand for ores far less rich and the $35,000,000$ long tons of iron ore pro- less conveniently situatea. In spite of duced last year in the United States the continuous activity in prospecting for $27,000,000$ tons came from the ranges in iron ore during the past few years, the $27,000,000$ tons came from the ranges in iron ore during the past few years, the There is a somewhat remarkable story the Lake Superior district, and such large country is still comparatively unexplored. of sulphur deposit in Alaska as it comes drafts upon the reserves of ore explain The measure of success already achieved from Tacoma to the Boston Journal: the eagerness of the American magnates may not be sufficient to assure an im- That Sicily is not a circumstance for to purchase the iron deposits of northern portant place for this province among deposits of pure sulphur to Mt. McCutOntario. There are good geological rea- the iron-producing countries. But even cheon, on Unalaska Island, is the report sons for expecting an appearance of ore if the famous ranges of the Mesaba and just brought down from there by George

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Carison, who is at present and has been clain to the new sulphur discoveries of sulphur mines as an expert, locating new for vears in the Swedish Government em. Unalaska Island, and he was secured and is reachod, but elerywhere prevalent in ploy as a mining engineer, fitting him sent up there at once. He spent one almost unbrokzu strata.
more especially for passing as an expert month on the mountain with a force of He found the mountain to be 5,600 fent on the deposits of Mt. McCutcheon. twenty-five men, and remitly reached above the strounding ocean, and covered He was for years located at the Cicilian Tacoma on his return trip. sulphur mines as an expert, locating new The Swedish Government expert finds pols of the stuff and superintending the that for vast dicp.rite of the purest sulworkings. It was on this account the phur she Alaskan discovery is without gentleman's annual vacation from the equal in the world The beds lie in blanSwedish servien was eagerly taken advan ket fashion vni: the most of the mounlage of by the New Yorkers who held a tain, thinning out as the level of the sea mit with ete"nal snow. 'The summit res veals an fxtinci volcano, with a great crater half a mile wide. The interior of the erater is sunken some hundreds of feet, and the sides are all honeycombed, affording sheltering caves for Mr. Carison

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Owing to there being no timber at all Owing to there being no timber at all snows was spent for the most part entirely withoat fire or hat food, but the wonderful revelations more than compensated the traveller. In one spot the removal of 30 f cet of snow and ice and some 20 feet of broken shell rock let the workero into a body of commercially pure sulphur the extent of which was not discovered, for a shaft of 50 feet had not to sink further owing to the constantly caving sides. In all, the deposits were tapped at sixteen points, and found to bo at every point more free from adulterous substrnces-lava boties and pumice, which hinder the workings in Sicily-than even the sulphur beds of Iceland.

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The ever increasing forms of glass which will serve as a screen and yet admit a maximum amount of light, makes the

| Nami 0 Ol Compart. | Share. | Land prividend pers. | Bhare per velue. | $\begin{aligned} & \text { Amount } \\ & \text { patid per } \end{aligned}$ $\begin{aligned} & \text { pard peis } \\ & \text { Bharem } \end{aligned}$ | $\begin{gathered} \text { Ganede } \\ \text { quotation } \\ \text { por ct. } \end{gathered}$ |
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| 'Bartah Amorican Fheo and Marino.... | 15,000 | 3\%-8mos. | 350 400 | 850 | ${ }^{90}$ |
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| Atlat ...... | 94,000 | 21 | 60 |  | 971/6 | 5819 |
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|  | 50,000 | eri | 80 | - | 51\% | 82\% |
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| Inperial Fire........................... | 60,000 | ${ }^{5}$ | 80 |  |  |  |
| Lun Mire Miro. | 186,409 | ${ }^{6}$ | 90 |  |  |  |
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- Exciuding periodical cash bonus,
study of one. The known as facture of used; suc pimples, quality of sheets ar and passed blast of fi in glass they emer surface, a much is so then coat high grade of Swiss then carri ed on rack to fiftee in the ch


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study of their manufacture an interesting one. The form most generally used is known as chipped glass. In the manufacture of chipped glass a second grade is used; such imperfections as blisters or pimples, called stones, do not affect the quality of the finished product. The large sheets are first placed on a platform and passed slowly under a powerful sand blast of fine white sand, such as is used in glass making. In a couple of minutes they emerge with the glass cut from the surface, and known as ground glass, and much is sold in this form. The sheets are then coated on the ground surface with a high grade glue in liquid form, American of Swiss being considered best. They are then carried to the drying room and placed on racks, where they lie flat until the glue is well dried, which takes from twelve in the chipping. They are then placed glue is applied to the rough surface with-
rough to hold the glue. It is then pass. ed through the same process, but the chips are smaller and break up the fern-like ap. pearance of single chipped.
The secret of the process consists in the quality and preparation of the glue used, as none but the best will do the work Also in having the draft and temperature right in the chipping rooms. Ordinarily a heat equal to a summer heat will do the work. The glue is cleaned and used repeatedly, as is also the sand. The sand after striking the glass falls into a pit underneath, and is carried up by the elevator.
The chipping process increases the value about half for single, and in the same proportion for double chípped. The Johnston Glass Co., of Hartford City, Ind., has a special department for this product, and ordinarily turns out about $\mathbf{1 0 0 , 0 0 0}$ square feet per month.

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