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FIRST DAY OF OCTOBER NBXT
The tranefer books will be closed from the 16th to the 3ith Saptember, both deys incluelve.
The Annusi General Meeting of the Shareholders Wlll be held at ite bankl g house, In thls city, on
Monday, the 19th of October next, at three o'clock Monday, the 19
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Commercial Summang.
[TF Berchanco, Munufwoturere and other business mon should bear in mind thutt the "Journal of Oommerce" will not accopt ad--ertisements through any agents not specially Ins its omploy. Its circulation-aptending is all parts of the Dominion-renders it the best advertising medium in Oanada-aqual to all others combined, while its rates do not include heovy commissions.
-The Toronto Railway Co. will spend $\$ 750,000$ in improving the power plant.
-All of the Consolidated Lake Superior Company's works at Sault Ste. Marie, Ont., except the street railway, ferries and waterworks, are shut down, throwing 3,500 men out of employment.
-The new C. P. R. freight tariff on wheat, of which the main features will be a reduction in rates (it is said of 1 to 2 cents) has been prepared. says a Winnipeg letter of the 19th, and will be given to the public in a day or two.
-A late cable from Berlin states that experiments were made with an electric car on the Marienfelder Military Railroad and a speed of 106 miles an hour was at; tained. It is expected by the promoters that eventually the cars will achieve a speed of 200 miles per hour.
-Anthracite coal, claimed to be of superior quality has quite recently been discovered in Alberta, some 60 miles west of Okotoks, on the MacLeod branch of the C. P. R. Operations, says a report, have revealed seven seams, varying in thickness from $41 / 2$ to 40 feet. The tes made shows very little ash. The find is easily accessible, and arrangements are alieady being made to develop the property. Steps have been taken to put in a spur Jine connecting with the MacLeod branch at Okotoks. With Pennsylvania coal selling in Calgary at $\$ 16$ a ton, this may well be reganded as supplying a


One of the largest works in England, and can supply these Shoes $33^{\frac{1}{3}}$ p.c. less to Canadians, under the New Tariff.


- Owing to the decline in the swiss wateh trade, many emigrants we leaving Switzerland for Canada
- Sturgeon Falls. Ont., has been made an outport of customs and warchouscing port, under the survey of Ottawa.

The stevens Hotel, situated near the (i. T. R. station, Crenton, Ont., wan destroyed by fire. Must of the contents were burned.
-The total ammal cost of Imperial defence amounts to $\{37,487,800$. The elf-governing colonies are not included in this statement.

Liverpool advices state that the cotton brokerage firm of O. and W: Jones failed as the result of the suspension of John Wrigley \& Co
-The butch (iovernment will open a competition in designs for Andrew 'arnegie's Palace of Peace, for the erection of which he domated the stm of $\$ 1,500.000$.
-Hendry and Company, general store, Delhi, Ont., have as signed. The Wilson and Colborne Company, general storekeepers, Vankloek llill. Ont., have assigned.

Contracts for the constrution of a system of waterworks at Letbridge, N.W.T., have been awarded. Lemoine \& Fortin of Pembroke. (Wht.. eret the construction and excavating at \$39.725, and the Camada Foundry Company for imon piping, opecial castings, hydrants and valves.

The Cataract Power Company, Hamilton, is, it is reported. almout to add to its plant at Decew Falls. It has plans for a building over 300 fent long by 80 wide. Four anw generators of about 7,000 horse-power will be installed, in addition to the four 5.000 horse-power generators now in operation.
-A joint stock company, with a share capital of $\$ 100,000$, is being organized at stratford, Ont., to manufacture lager beer, ale and porter. Most of the capital has been provided for. and a plant costing $\$ 70.000$ will he installed. Stock lists are in the hands of MePherson \& Davidson, solicitors for the company.
-At Kingston on the 20th instant the Montreal Transportation Company's sawmill and machine shop. and A. C. Knapp's boat shop and part of his residence. were destroyed by fire. The buildings were all of wood, and were situated near Cateraqui bridge. The company's loss will be $\$ 10,000$ and Knapp's $\$ 2.000$. Both are partially insured.

- A late London cable announces that the Duke of Marlborough, who was recently appointed Under-Secretary for the Colonies, presided at a conference held at the Colonial Office
to consider the question of the development of cotton growing in the West Indies. He promised that the Government would give every possible support to the movement.
-Vancouver advices state that the Great Northern Railway has commissioned Mr. John Crean, proprietor of the Guichon, Yew Westminster, to secure an option on property at least 100 by 120 feet within two blocks of the Oity Hall, upon which a six-story first-class hotel, to be called the Great Northern, will be erected. The plans provide for an elegant modern ouse costing about $\$ 250,000$.

Liverpool advices of the 17 th instant say:-The noted cotton firm of John Wrigley, which has been in existence for a century, failed to-day. The liabilities were heavy. The firm were extensive bear operators in the recent cotton speculation It is expected that other firms will suffer as a result, and further assignments are looked for to-morrow. The announcement of the failure temporarily stopped business in futures,
-Navigation on the great lakes is to be made safer as the result of improvements now being made or projected by the veather hureal. Among the improvements ordèred, says a Chicago report, is the erection of a steel storm tower in that rity. This tower will stand fifty feet above the water level, and will be furnished with a steel mast twenty-five feet high For the signal lights in the tower an electrical plant is to be installed.
-The Government cable steamer Tyrian, says \& Sydney, N.S., letter, which arrived from Labrador, reports the discovery of an extensive deposit of hard coal, of excellent quality, at F'orune Bay. on the Latbrador coast. The discovery was made hy Captain Reid, of Gaysborough. N.S., who is trading along that coast. Captain Reed has taken possession of tht deposit liscovered. The existence of coal this far north has until now been unknown, the belief being that there was none.
-The long-delayed contract betweeen the Winnipeg Electric Street Railway Company and the Town of St. Boniface has been signed. This contract provides that street cars are to ruff in town before winter sets in. The solicitor for the company said that the work would be commenced this week, and the cars running in the town within one month. The work of putting in the town electric lights. which contract has also been secured by this company, will also be commenced at once.

We learn from Windsor, Ont., that the oil well at Leamington, where the unsuccessful attempt at shooting resulted in the death of expert W. Booth, of Petrolea, and his assistant M. Kinney, of Kingsville, two weeks ago was successfully fired with nitro-glycerine. The oil shot forty to fifty feet above the herrick and after the shot there was heavy flow of gas. An oil expert representing the Imperial Oil Co. of Petroles subjected the product to tests and stated that the well would be one of the finest in Ontario.

## Brou <br> -In th King, K. Wood aga city. Mr. dictment inal Code it was sol ance rates creasing refusing if they d the matte MacMahor grant per ury. The was sough British <br> - $\ln$ or onto Stre



City 0 For all F

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-In the High Court at Ottawa on the 18th instant, Mr. J. King, K.C., Crown prosecutor, brought up the case of Alfred Wood against some insurance companies doing business in that city. Mr. King moved to get the judge's consent to lay an indictment before the grand jury, based on sec. 52 of the Criminal Code, referring to combines in restraining trade. Mr. hing, in his argument, alleged that the companies against whom it was sought to bring action had combined to incerease insurance rates in Ottawa. Justice McMahon remarked that increasing rates did not prevent competition. Afterwards, in refusing to entertain the motion Justice MacMahon said that it they desired prosecution, the proper course would be to lay the matter before the Attorney-General for a fiat. Justice MacMahon said that he did not see that it was his duty to grant permission to allow the case to go before the grand jury. The insurance companies against whom the prosecution was sought were the Northern, the Aetna, the Royal, and the British America.

- In order to cope with constantly increasing traffic, the Toronto Street Railway Company, according to Manager Keating,


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are taking measures to provide greatly increased power and nther necessary facilities at a total cost of about three-quarters of a million dollars. Six new batteries of boilers are now being installed, equal to 3,600 horse-power. with two new large engines of 1,600 horse-power capacity, directly connected. Two new generators are also being connected with the engines, which means that the company will in a very short time have 5,200 extra horse-power. The estimated cost of these additions is $\$ 300,000$. A large storage battery of over 3,000 ampere hours is also being installed, at a cost of at least $\$ 100,000$. With this equipment break-downs, even at the businest times. are not likely to occur. Still another $\$ 100,000$ will be spent on the laying of over 40 miles of new feed wires. These wires will be of extra heavy construction, so as to distribute the power more easily. The work of changing the open to closed cars is now being pushed rapidly. The company is also constructing a number of new cars, apmong them 15 or 16 of the double-purpose summer and winter cars.
-The incorporation of the Prescott Terminal co., awith a capital of $\$ 100,000$, is announced, to carry on the business of a forwarder, grain delivery, shipping etc. at Prescott.-To deal in school books, church ornaments ,toys, sporting goods. picture frames and altar wines, the Ottawa Stationery and Office Supply Company Limited, has been granted an additional license by the Ontario Government, and Joseph A. Patry of Ottawa has been appointed its attorney.-The Crown Manufacturing Company, Limited, has increased its capital to $\$ 100$,-000.-The Eugene E. Phillips Electrical Works. Limited, has been authorized to manufacture and deal in elewirical supplies, and to sell electricity, provided that the company shall not use in Ontario more than $\$ 30,000$. -The Dowd Milling Company, Limited. has been permitted to engage in the business of dealing in and equipping and operating mills.-The R. E. T. Pringle Company has been authorized to manufacture and sell apparatus for the manufacture and application of electricity.-The Riordan Broom Company. Limited. is permitted to manufacture and deal in brooms and whisks.-The Ontario Mining and-Smelting Company has been authorized to carry on milling, reduction and developing operations.
-The Union of Canadian Municipalities, says an Ottawa correst onder t. concluded a successful convention on the 18 th inst. Controlle: Loudon, Toronto, introduced a motion asking that the Expecutive Committee of the union should consider a remedy to the high rates and irksome regulations required by the Canadian Underwriters' Association, and also report on the advisability of municipal insurance. After some discussion, in which various sins were charged to the insurance magnates, the motion was adopted. and the matter will be reportel on at next year's meeting of the union. The election of officers for the ensuing year resulted as follows:-President, Mayor Cook, Ottawa; Vive-Presidents (Ontario)-Mayor Beek, London; Mayor Urquhart, Toronto; Mayor Rogers, Peterborough; Mayor Drake, Windsor; Mayor Dyke, Fort William. QuebecAld Laporte, Montreal; Ald. Leboeut, Montreal; Mayor Fabien, St. Cunegonde; Mayor Farwell, Sherbrooke; Warden Vien,


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-Wimnipeg Notes, The Canadian Moline Plough Co. has purchased a lot at the corner of Nena and Chambers streets, on which it is intended to erect an extensive implement ware. house. The building will be 100x80 feet and will cost about 20,000 .-The Balfour block. which was gutted by fire some time ago, will be rebuilt immediately. The plans call for a

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building $75 \times 88$ feet, four storeys and a basement, providing two warehouses, one $35 \times 75$ feet and the other $35 \times 53$ feet.-A boarding-house at Griswold, known as Black's Hotel, was destroyed by fire. The loss is $\$ 1,500$, partly covered by insurance.
-The by-law granting a bonus to the extent of $\$ 5,000$ to the Dominion Linen Milling Company, Limited, Orillia, Ont., was carried by a good majority. Only fourteen votes were polled against the proposition. The company is capitalized at $\$ 50,000$, and will at once commence the erection of a factory building on the free site given by the town. One hundred nperatives will be employed. Edwin J. H. Pauley of Halifax is President of the company. Cheap electric power, excel-

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lent shipping and other facilities brought this factory to Orillia.
-Peterboro', Ont., Notes.-The George Matthews Packing Co. have purchased the Leonard property, near the C. P. R. track, and will erect suitable buildings for a cold-storage warehouse, install an artifiaial refrigerator plant, giving 200,000 cubic feet of cold-storage space.-The Canadian Cordage Co., after only fifteen months' operation, find that their business has outgrown the capacity of their extensive buildings and plant, and tenders are invited for large additional buildings.
-We learn from Iondon, Ont., that Mr. H. R. O'Reilly, for some time accountant in the branch of the Bank of Commerce

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Lead Wire $\begin{aligned} & \text { Flake White } \\ & \text { Snow Finke. }\end{aligned}$
Lead Wire.
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Goad Foil, for gold End etlverd) Zine Platen, for Marlae Bollers. Lead Foil, for gold and silver.
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there, has been appointed manager of the branch at Galt, and Mr. C. D. Nevill takes Mr. O'Reilly's place. Mr. O'Reilly went to London from St. Catharines a year ago, and his rapid promotion is a tangible tribute to his ability.
-The Ontario Fisheries Department has decided to stock the suitalble streams in the neighborhood of Rat Portage, Ont with speckled trout. The fish will be obtained in the streams on the north shore of Lake Superior by means of dip nets Altogether medium-sized fish will be used. Large fish are difficult to convey without injury.
-The Sovereign Bank of Canada has opened a branch a Belmont, Ont

Camdoun Repnetentarion are mow beime anamoed for


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THE CANADIAN
Journal of clommerce.

Montreal, Friday, September 25th, 1908.

THF B.INK NT.ITEMENT FOR AUGUST.

As the harvest semson adrances more and more attention is drawn to the bank statements in order to dis. cover indiestions of the probable condition of the banks in regard to their note issues when the maximum demand is reached at the end of October or early in November. From present appeavances, there will be no soarcity of currency this year. The banks have now over seven millions more capital than at the same date of 1902 , which allows them the same increase in circulation. They have a margin of 18 millions between their note issues and their limit for them, so there is quite enough margin to give them all the issues they are

## THE MANCHEOTER F <br> FIRE ABSURAREE COMPANY.


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likely to require between now and the close of the Fall. The following table shows the amount of circulation at the end of May and August in each year since 1900, with the increase that took place betweer the end of the former and of the latter month. It is somewhat remarkable that the increase this year is about one million and a quarter dollars less than the average inerease of the preceding four years. If this condition continue up to November, the banks will have very ensy times so far as the currency supply question goes. But it is well not to shouit until we are out of the wood,

## Mutual Reserve Life

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Total Peyments to Policyholders, $\overline{\text { ©54,567,51200 }}$ Surplus to Policyholders,
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## Union Assurance Society of London.


Onpltall and Accumulated Funde exere 1 ,
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> Oanada Branor:

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MONTREAL
T. L. MORPISEY, Manager.
and it will be some weeks yet before a judgment can be definitely formed as to how the banks may stand when the crop moving season has passed its height:


The increase this year in circulation since May was only 6 per cent., whereas in 1899 the increase between May and August was 12 per cent., and in 1902, 8.40 per cent. This year the rise in the circulation since May has been less than in the previous four years.

In view of the discussion relative to the increase of the rate of interest on deposits, we thave compiled the following table, which will afford better material for the disenssion than the sentiments which have been set forth as its hasis:

Current loans Deposits Percentage and Discounts. both kinds. loans to depts $\$ 391,092,0222$ \$420,216,076 93.07 $\begin{array}{lll}327,080,043 & 390,176.191 & 84.06\end{array}$ $\begin{array}{lll}32,4000,940 & 390,176.191 & 84.06 \\ 308,132,326 & 351,008,028 & 87.50\end{array}$ $\begin{array}{lll}308,132,326 & 351,908,028 & 87.50\end{array}$ $288,897.503 \quad 294,175,770$ $247,689,051 \quad 263,891,705$
1903. 1902. 1501 1900. 1899.
36.6 p. c. $\quad 37.2$ p.c.

There has evidently been no very marked movement of either current loans and discounts, or in der"osits to create any striking difference in their ratative proportions during the last five years

The expansion of both deposits and diseounts since 1899 bas been remarkable: to each there has been added, on an average, 30 millions yearly since 1898 . The deposits in the chartered banks are now double what they were in $189 \%$, yet the discounts have kent pace with them in growth.
Below is our usual comparative talole, and on a later page will be found the August bank return complete:
the bank statements.
Aug., 1903. July, 1903. Aug., 1902. Aug., 1893.

Capital autherized
Capital subscribed
Capita! paid-up
Reserve fund .
LIABIIITIES.

| Notes in ctreutation ....... $60,414,740$ | 57,563,665 | 55,035,701 | 33,308,967 |
| :---: | :---: | :---: | :---: |
| Due Dominion Government -. 3,185,106 | 2,921,821 | 2,791,717 | 2,476,608 |
| Due Provincial Govts. .. .. .. 2,937,010 | 3,872,721 | 3,880,669 | 3,769,284 |
| Deposits on demand .. .. ..111,735,920 | 110,542,903 | 105,639,606 | [1,487,901 |
| Deposits after notice .. .. ..273,770,645 | 271,597,201 | 247,052,129 | 105,015,710 |
| Deposits outside Canada .. .. 34,709,511 | 36,349,191 | 37,484,456 |  |
| Loans on bks in Canada, sce.. 474,534 | 579,948 | 570,619 | 103.278 |
| Depts on demand in Can. Wiks. 4,591.695 | 4,198,658 | 3.756,722 | 2,718,117 |
| Due agencies in U.K. .. .. .. 5,887,985 | 5,270,059 | 3,397,876 | 5,588,573 |
| Due agencies abroad .. .. .. 1,886,563 | 1,561,076 | 1,359,454 | 169,278 |
| Other liabilities .. .. .. .. .. 10,960,702 | 10,821,812 | 12,121,954 | 250,002 |
| Total liabilities .. .. .. ..510,054,432 | 505.280,024 | 473, 090,477 | 214,1919,047 |
| ASSETS. |  |  |  |
| \$precie .. . . .. .. ... .. .. 14,232,456 | 14.073,865 | 12,382,880 | 7,706,937 |
| Dominion Notes .. .. .. ... .. 29,280,503 | 29,742,431 | 23,045,035 | 12,749,809 |
| Deplosits securing circulation .. 3,130.844 | 3.130,844 | 2,792,166 | 1,181,448 |
| :otes \& Cheques on other 1.ks, 16,993,887 | 16,411,627 | 11,719,125 | 6,519,972 |
| Deans to other bks in Can., suc. ${ }_{\text {D }}$ 474,534 | 589,972 | 570,619 | 83,885 |
| Depts on demand in Can. bks.. 5,322,181 | 5,064,725 | 4,414,790 | 3,228,002 ${ }_{\text {e }}$ |
| Due from bks, \&c., in U.K... 3,818,961 | 3,711,374 | 8,808,367 | 3,364,470 |
| nue froll foreign bks, etc. .. 16,414,017 | 17,197,942 | 14,816,512 | 13,562,629 |
| Com. and lrov. Govt. secs. .. 11,498,222 | 11,840,264 | 9,883,019 | 3,188,572 |
| Can. municipal \& other pub. see 14,638,712 | 14,928,734 | 14,080,502 | 0,398,221 |
| (Not Dominion.) |  |  |  |


| Railway and other secs. .. .. 37,275,341 | 37,218,358 | 34,751,846 | 5,979,966 |
| :---: | :---: | :---: | :---: |
| Call loans in Canada .. .. .. 41,424,670 | 41,881,085 | 50,087,007 | 14,398,006 |
| Call loans outside Canada ... $88,942,895$ | 36,382,605 | 52,409,125 |  |
| Current loans in Canada . . . 368,641,999 | 363,586,174 | 296,711,684 | 205,956,200 |
| Current loans outside Canada.. 22,450,523 <br> Loans to Govt. of Canada | 22,226,350 | 31,269,259 |  |
| Loans to Provincial Govts. ... $1,2065,05$ | 1,280.31 | ........ | 23,972 |
| Overdue debts .. .. .. .. .. .. $2,1183,506$ | 1,288,312 | 3,541,570 | 1,402,508 |
| R. E. besides by premises | 2,199,555 | 1,992,247 | 2,964,999 |
|  | 835,697 | 858,590 | 912,788 |
| Rank premises .. . . .c... .. .. 8 8,438,438 | 724,989 | 817,815 | 680,395 |
| Other assets. . .. ... .. .. ... .. 8, 8,488,438 | 8,420,051 | 7,010,132 | 4,914,737 |
| 8,663,097 | 10,532, 55\% | 11,760,848 | 1,901,035 |
| Total assets .. .. .. .. ..646,640,915 | 641,985,699 | 593,012,325 | 00,863,015 |

Loans to directors \& their firms $10,960,294 \quad 11,209,805 \quad 9,756,529 \quad 7,978,632$ Average specie for month .... 14,105,127 $14,257,291 \quad 12,675,566 \quad 6,956,448$ Av. Dominion notes for mo. Art sis circulation dowing mes
$\begin{array}{rrrr}14,105,127 & 14,257,291 & 12,675,566 & 6,956,448 \\ 29,015,001 & 29,067,961 & 23,381,742 & 11,774,457\end{array}$ 4. $1400 .{ }^{2}$, 34, 750,617
encouragement from the State; probably if they had any , it would have done them more harm than good. They recall Browning's lines:-
"This low man seeks a little thing to doSees it and does it
That high man with a great thing to pursue. Dies ere he knows it:
This low man keeps adding one to oneHis hundred's soon hit:
That high man. aiming at a million, Misses a unit.

They improvel on the description: they performed their duties, however trifling, in a way that led to their treing chosen for greater things-to secure the millions.

The reticwer in the "Exonomist" does not credit English genills with being logical: "from the constitution down to the Education Act, the want of clear, logical thonght is visible everywhere. A moderate study, not of natural science, but of the most element ary logic of science as set forth by John Stuart Mill, would be sufficient for most practical purposes." It is questioned if purely scientific training would make its subjecte much readier to deal with the complex facts of exomomic existence.

We are," says the reviewer, "falling behind Germany in many trades, though Germany has not our natural advantages." In many branches of chemical manufacture-in the "supplly of the new synthetic drugs, for example-we do not compete. The aniline dyes were discovered by an Englishman;"-and the discovery ruined one of Ireland's industries-"the invention was worked out and made commercially successful. by German technical knowledge. The Midland tahle-glass trade was beaten by Bohemian competition, chiefly, it is believed, for lack of applied science. Even agriculture might be renovated if farmers were practical chemists. In many manufacturing trades, the procedure seems to be largely empirical. So, at least, we are told by scientific olservers, and the reply that foreigners succeed because they have a protected market at home is an ignoratio clenchi. It does not answer the criticism."
"Science will not be applied to industry merely because the number of scientific experts is increased. We cannot create a demand by simply increasing the supply of an article which the consumer already fails to appreciate. A decaying trade cannot be restored, as was proposed
some years ago, by supplying| the local Manufacturers' Association with one solitary consulting chemist. Were the manufacturing interest now to demand a large increase of scientific experts, America and Germany could probably supply their needs at once, and the English universities would expand to meet their further requirements. But the manufacturers would have to make the career of an expert worth adopting, and, even so, he would not come from the university ready made. Only factory experience can make him; the university can merely supply the hasis of scientific training which will best fit him to learn and to develop new ideas.
In the factory alone can the commercial profitableness of a process be worked out and the art of securing it learnt. By all accounts, the British manufacturer, if he wants the finest tools (which he does not always), wants them at the lowest price. Let him pay adequate$\eta_{y}$ for them, and the supply will increase at once. It is
of little use spending a hundred millions on appliances to educate the next generation, unless there is some security that the resultant experts will find something to do. What is needed is to educate the employers generally to make the demand, and to encourage parents to appreciate it. To plank down-which, as is the way of the British founder, would probably be spent largely in architecture, and only to a small extent appropriated to upkeep-is merelly to create a new proletariat, not, as the German Emperor said, "of passmen," but, what is far worse and more pitiable, of highlytrained scientific specialists, whose vocation, if they can live by it at all, will only bring them the wages of a shop assistant or a lower-grade clerk."
Such knowledge as led a member of one of our most respectable families-a business man himself-to investigate the possibilities of the immense deposits of peat-fuel at East Farnham, and bring them to an issue so practical as to warrant the belief that they may shortly revolutionize the coal problem, would probably have received but little assistance from science. Ingenuity and perseverance in this respect are evidently about to have their reward. But of this more anon.

## CIVIC MATTERS.

The summer vacation being rrow over, and the City Council having resumed its usual weekly meetings. there seems to be promise of much important business to be considered, if not all acted upon, before the approaching municipal elections. The amendments of the City Charter, as embodied in the volume of the Provincial Statutes, just distributed, enable interested people to realize fully for the first time, the extent and the nature of the changes in the Charter, and the new poners given to the City Council.
The changes and new powers are numerous; so much so as almost to amount to a new charter, and the changes are so made by repealing certain secitions, without stating the substance of them, and substituting therefor a new section, that a constant reference to the text of the old section must be resorted to to discover the radical change and sometimes the subtle distinctions between the two, bu't which may, in some cases, mean so much, and that not always to the advantage of the general taxpayer, however much it may mean for the benefit of such individuals or corponate bodies, instrumental in framing so large a part of the Bill as it finially passed.

It was pointed out in these columns, before the session, that there was not sufficient reason for the City's applying for the amendments sought for by the Council. Many of them were of a trivial character, and none of sufficient importance to justify opening the door that would allow pernicious matters, inimical to the best interests of the citizens at large, being introduced, by interested parties, as has been the invariable ruke in the Quebec Hiouse whenever Montreal was concerned. That warring was not heeded, and a careful
examination may disclose the fact that there are embodied in the Bill imporliant olauses never contemplated or discussed by the Crity Council, and, in some cases, in dilirect opposition to decisions of the Council. The simgtulat plart of this is that a delegation of the aldermen was sent down to secure the passage of the Blill as it was authorized, and yet, palthough the Mayor himself is a Member of the House, the civic delegaAion, so far as is known, made but litttle exertion to prevent those indefensible amendments, from the civic standpolint, being introduced.
That Civic delegation did not display much business capacity-dloubtiless thery did not agree-when they had to cope with the talent and astute ingenuity in lobbyling whlich confrontted them. Some of them, indeed, lent their influence to promote some of the most implortiant fietatures outside of those asked for by the City Council. Among these was the change in the clause of the former charter which required a twothirds vote of the Council to grant any franchise or contract for more than five years, so that now a simple majoriity of the Council can bind the eity in these matters for any length of time. That change may have been made in the interest of the city; coming evenits will demonstrate; it was allowed to pass without any nemonstrance from those supposed to guard the ,City's interest-some of those being the same parties who glloried in getting the two-thirds clause in the former Charter. It would ibe interesting to have a clear explanation of the methods adppted to pull the wool over their reyes so that they coould not see what, ot herwise, was going on in clear daylight.
The same remarks may apply !to ןother clauses in the Bill, especially ,those regarding expropriations. When the new chater was 'adopted some three ylears ago. ilt whas fully expected 'that the era of ,wild extravagance in expropriations had passed, with treaqonable provisions made in it fior obtaining what might be necebsary in 'that direction. Now, by this last plegislatioth, the door is again opened, and expropriations galore ave by it ordered in number and rextent fairly staggering. Mlany of those rurojoats the City rCouncil had refused to entertain, and many had not been discussed at all by that body, and yet the civic delegatiom did not offer any serious opposition and some of its members actually favounred the measures, balthough those same members were supposed to have been elected 'as sivic reformers.
It is evident, that the relectors will have to be on the alent and consider well the actions of their plresent and future representatives in the City Council. Movements are already in progress to impose uphon the rights of the general body of citizens, exactions that may be felt for half a century to come, and the changes made in the charter are so quietly and yet so astutely made, that these movements will be the more easily facilitated thereby.
Looking back only a very few yeans at the changes and improvements made, it is not difficult to foresee the changes that may again be made, for example, in the way of facilities for street traffic. Those in use are fairly good, and cheap, but the accommodation might easily be improved. After a similar struggle, as
that now apprently commencing here, other cities have succeeded in getting a better service at much lower rates for fares than those now given in Montreal. Who can tell what the conditions may be twenty years hence? Why then should the City be bround hand and foot perpetually beiore the citizens are assured of their position in relation to the Federal Government:

The application of the Terminal Company may probably help to block the way of the older company. After much frouble the former company saceeded in getwing the privilege of rumning it tracks in the northern pars of the City down to C'ratg etreet. In that it met with strong opposition. 'The privilege was, however, loaded down with conditions of selvice equal to, if not more onerous than those the street liailway Company offer as a compensation for the fifty-year franchise they are seeking. The company is seckng to extend its lines to the cast as well as the west. It therefore remains for our present evic representatives, or those we may elect in Felbruary next, to see that the interests of the citizens are thonoughly protected. The old (ias Co. - now absorb) ad by the Light, Heat and P'ower Company-has a contract with the city which will expire in less than two years. Strange to say, that no mention is made of a desire (o) extend that contract. The policy of the directors of the Light Company in this respect is obvions. The price of gas in Montreal is higher than prevails in any city of equal importance. In Toronto, for example, the price charged by arrangement with the city is is cents per thousand feet, and no charge for meters. In Montreal the charge is $\$ 1.20$ and a charge for meters at the rate of $\$ 2$ a year and upwards according to the size of the meter. It will be fresh in the minds of many citizens how and under what circumstances that contract was made some ten years ago, when the City Council was under the old regime, since passed away, it is to be hoped, never to return.

Here again is another reason why the lobly in Quebee was worked so successfully in getting the two-thirds majority in the Council for such matters veing reduced to a larre majority of the Council.

The gas question is one 'that will have to be dealt with ere long. It is not likely the citizens will quietly sit down and be imposed upon by a company which boasts, with a certain amount of truth, of having, for the present at least, a "monopoly" of the Light and Power on the Island of Montreal. These and other matters shortly to come up will cause much special importance to attach to the next general municipal elec tions. I U. S. city, where a "monopoly" was also boasted of, is likely to furnish a salutary example short 1 y .

We have also just received in neat pamphlet form a compendious report of the eity finances, compiled by the City Treasurer and the City Comptroller. It is, as usial, a very complete and elaborate work, full of de1ails of the civie revenue and expenditure, which have now reacher large proportions. In a future issue we may have some remarks to make that these reports maturally give rise to.
-Victoria, B.C., advices of the 16th say: The by-law to grant the C. P. R. a site for a palatial tourist hotel on Tames Bay causeway, passed yesterday by a vote of 1.810 for and 85 against. The C. P. R. will spend from $\$ 300,000$ to $\$ 700,000$.

## OCEAN FREIGHTS

So accustomed have shippers grown to the low rates of transatlantic carriage for grain and other cargoes, as prevailing for many years, that their remankable cheapness has ceased to excite wonder. It is only when new schemes for reducing expenses by trusts and combines are proposed, implying heavy sacrifices, that outsiders begin to learn that the business, so far from paying the owners, has actually been earried on at a loss. 'Io such an extent has this been prosecuted that considerable deliberation is not infrequent among vessel owners whether they had not better tie-up for the season rather than compete for freight at prevailing prices-the rates set by tramp-steamers and some ancient unsafe hulls.
' 1 he shipping industry has doubtless been never in a worse condition than at present, and it is only those betumd the scenes in finangal cincles-bankers and their directors-who have any idea of how bat it is and of the anxiety that prevails in some quarters. Steamers have for years been run at a dead loss so fas as certain cargoes are concerned, and it is only those companies that have been able to secure a good proportion of passengers during the season who can show any margin of prolits. Uattle also afford some profit, and so do certain lines of provisions, but the Chicago man who has more than his share of influencêin determining rates for mostly all foodstulf's, finds constant use for practice at "working the oracle" between the principal shipping ports in Canada and the States, the result of the competition towards the close of the season when steamers have occasionally carried at a loss rather than go back to winter quarters empty. The extent to which rates have been sacrificed is indeed surprising to those who do not know the pressure under which not a few managing directors and owners are operating.
The rush to buy steamers on credit, while sailing ship: still covered the ocean, in the good times when they could be mortgaged up to the hurricane deck, at far beyoud what they would fetch to-day, is furnishing owners with lessons which they would gladly unlearn. All this time the cost of rumning has been on the rike; the wages of the crews have adranced 30 to 40 per cent, with laborers in proportion, and less work done per man than formerly. The hope for better times in the shipping trade lias sustained those chiefly interested, and the business has been kept moving, boats employed and "kites" kept afloat somehow, for were the stream to be suddenly stopped the effect could not fail to prove disastrous. It was to the interest of all to keep the craft moving at whatever cost or loss, to put the best face on the matter, and no one wished to be the first to go into moorings. It is a time when the marine underwriter, too, must watch closely the signs of the times, what with the possibilities of the much mal gned St. Lawrence route.

It must not be forgotten that "tramp" ships have their owners and shareholders also, and his occupation is no pionic these times. Aware that a cargo-boat depreciates annually at the rate of from 8 to 10 per cent., and that this depreciation cannot be provided for if she is to be run at rate's which merely cover the expenses of the voyage, even if they do not leave an actual dehit balance on the charter. The older a steanier gets the more she costs for upkeep, the reason why old boats
are often in the "Fir were built over-crowd not to say be built fo
iun at a for their that a stea years; othe be interest old-establis position t freights ha mainstay or falling in South Wa which has rates are p

Alexandria
Barelona.
Malta
Marseilles
Port Said
Cronstadt.
Rio Janeiro
bas Patm

The follo
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highest figu
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$1892 .$.
$1893 \ldots$
$1894 \ldots$
$1895 \ldots$
$1896 \ldots$
$1897 \ldots$
$1898 \ldots$
$1899 \ldots$
$1900 \ldots$
$1901 .$.
$1902 \ldots$
$1903 \ldots$

Thus it w in 1892 cost Montreal to been carried end is not ye and 1901 wh bushel.

## To return

 freights durin cent. A ship to, says that through its m "The outward in the annals the expenses day bunker reat depressiare often sold or used as cheaply as the one described in the "Firm of Girdlestone." Although the boats which were built during the aforesaid "good times," and which over-crowded the meveantile marine of the world, are not to say old, "they cost much more than they could be built for to-day, and even if some of them have been un at a dead loss, they have not been able to provide for their own depreciation." It is generally conceded that a steamer ought to pay herself off in five or six years; otherwise she is a losing investment. It would ise interesting "to know how many vessels, besides the old-established liners, built in and since 1900, are in a position to do this. The almost universal decline in freights has been deplorable. Coal is, of course, the mainstay or "dernier resort" of the tramp ships, and the falling in rates shown by the following table from a South Wales paper is a striking proof of the sagging which has been going on from one port alone. The rates are per gross ton from Cardiff:

|  | 1903. | 1902. | 1901. | 1900. | 1898. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| To- | d | d | s d |  |  |
| Alexandria | 46 | 5 | 78 |  | 10 |
| Pareclona.. | . 9 | 69 | ¢ 11 | 118 | 10 101/2 |
| (ienoa.. | 40 | 55 | 6.9 | 10 | 89 |
| Maita. | $3{ }^{3}$ | 44 | -5 9 | 94 | 84 |
| Marseilles. | 5.50 f | 6.64 f | 7.97f | 12.14f | 11f |
| Port Said | 4 (i) | 54 | 74 | 121 |  |
| Cronstadt. | 46 | 50 | $561 / 2$ | 89 |  |
| Rio Janeiro. | 9 101/2 | 113 | 13.9 | 175 | 16 |
| Las Pamas | 30 | 6 4 | 67 | 910 |  |
| Rordeaux. | $41 / 4 \mathrm{f}$ | $5 f$ | 5.60 f | 7.50 f | 6.45 f |

The following table shows the downward tendency in grain rates from Montreal to Liverpool, the lowest and highest figure for each season being given. The figures in shillings and pence, are per quarter, or 8 bushels:


Thus it will be seen that the bushel of grain which in 1892 cost from nearly $4 \frac{3}{4}$ cents to nearly $9 \frac{1}{2}$ cents from Montreal to Liverpool (other ports about the same) has been carried for $3 \frac{1}{4}$ cents the present season, and the end is not yet. There were two seasons, those of 1899 and 1901 when the minimum rate was $21+$ cents per bushel.
To return to England-the range of decline in freights during the last four years is from 40 to 70 per cent. A shipowner writing to the Welc.. paper referred to, says that the shipping industry is now passing through its most eritical stage for the last 50 years. "The outward rates have dropped to the lowest figures in the annals of British shipping; in addition to this, the expenses of working ships are very high, and day bunker coals cost far more than they did in the great depression of eight or nine years ago. This
latter factor, it must be borne in mind, is one of the greatest in the cost of the working of a ship. Then, again, there is just now such a scavcity of coal that shipowners have ruinous detentions to meet. Homeward freights at the moment are better than they have been at any other period during the present year, but this applies only to the Black sea. Yet here again the owner is beset with difficulties, as Black Sea ports are crowded up with tomage. It Odessa to-day, for instance, as many as 22 to 24 steamers are waiting their turn, which means a delay of 14 or 15 days before loading operations can begin. It will thus be seen that long delays take place at both loading and discharging ports. Formerly, owners used to reckon on doing a Black Sea voyage in just slightly under or near 70 days; to-day, they lave to calculate on 90 to 100 days to do the same work."

Thus it will be seen that it is not merely lower freights against which the shop-owner has to struggle. Bunker coal is, of course, cheaper than four years ago. But stores and provisions are about the same, while insurance, port dues and standing charges remain steady as when freights were much higher; and wages, especially on this side of the Atlantic, are higher. Full cargoes from this side of the ocean are scarce, but this means lifitle or no diminution in the cost of the voyage. The Economist says that "owners are freely accepting from Wales to Las Palnyss, etce., 6 s per ton, with 1 s 3 d per ton for discharging (including port dues), and only 250 1ons per day delivery. At the best, this only works on the basis of sixpence out of one pocket into the other. Of course, it may be argued that it is not so bad as taking ts to Genoa; but there is no ruason, because one owner qualifies himself for an asylum, why another should want to gain admission as well." The River plate market has been steady for September-October loading, on the lasis of 17 s 6d to 18 s per ton from up river for handy boats of about 3,000 tons capacity; larger carriers command from 17 s to 17 s 6 d per ton, less 6 d for direct discharging port. Some owners chartered to the Plate at about 8 s 6 d per ton, and home at 17 s 6 d per ton, because they can see just a shade over their working expenses on the round voyage. Paper calculations, however, in this trade are never very safe to go upon, for many contingencies occur that owners could hardly be expected to provide against. No 3,000 -ton boat can pay her expenses on 8 s 6 out and 17 s 6 d (less 6 d for direct port) home.'

It is clear that there are far too many vessels afloat for the business, or likely to be in the nearfuture. The remedy suggested by those who should know best would be for those vessels which cannot be remuneratively employed to be laid up until there is a recurrence of profitable service. Some have already done so. But it is a losing business to rest on dead capital, and some owners cannot possibly do so. They must keep agoing until compelled to stop.

The new state of things looming up in Norway and the Baltic is somewhat akin to the old game of "Beggar my neighbour." There is actually contemplated a renewal of the fleets in those ports. Many tramp owriers, there and elsewhere, who sold out in the inflated times between 1900 and 1902, when the afore-mentioned rushing demand for second-hand vessels at a high price pre-
vailed, lost no time in re-investing their money in new ships at the then high prices, and have been supping sorrow ever since. Those who held aloof to let the crowd go by are the ones who have lately been thinking of replenishing their fleets in the hope that lefore vessels now ordered can be in commission there will be a revival in the demand for tonnage owing to increase in products and natural wear and lose in the world's shipping. The cost of building is probably at its lowest for some time. Steel ship-plates are $£ 512 \mathrm{~s} 6 \mathrm{~d}$ less $2 \frac{1}{2}$ per cent. in Engfand and en 17 s 6 d in Scotland, as shown in a recent article, and these barely pay expenses of production. It would indeed be inopportune to resume building cargo boats on a scale of any magnitude

THE IRON INI STEEL COMPANY: AND THE COAL COMPANY.

A circular has been issued by the Committee in -harge of the affairs of the Dominion Iron and Steel ( omm many in which are set forth the conditions which feal to the separation of that enterprise from the Dominion Coal Company. The two points in brief are these: there was not enough capital for working and develuping the two concerns, and the mines leased to the Nited Compan! had not hern as profitable as expected, largely owing to the disastrou- he in one mine: "hich entailed heary expenditures and lusses from stoppaige of the outpat.

The ligures in the circular when condensed so as to prement the arrang ment to be proposed for the approval of the shareholders show that the Conl Company will relieve the Steel Company of oblligations and pay over to it a sum which, together, amount to $\$ 3,225,346$, and the steel Company in return will hand over assets in its control to the Conal Comperiy valued at $\$ 2,084,69 \%$. The balance in favour of the Steet Company is stated to be $\$ 1,140,654$, of which $\$ 500,000$ appeats to be given in consideration of the Steel Company surrendering the lease from the Coal Company

This will put the Iron \& Stcel enterprise in a position to extend the plant and add such machinery as will enable a class of goods to be made as will be profitable under the arrangement for bonuses being gitanted, as Parliament decided upon earlier in the Session. The sharcholders will be asked at the meeting called for to-day, Friday 25 th September, to sanction an issue of bonds to inelude the $\$ 1,500,000$ already issued.

The circular is signed by Messrs. J. il. Plammer, Frederic Nicholls, Wm. McMaster and W. B. Ross. The prospect is that their proposal will be sustained by vote of the shaveholders.
-The by-law to loan $\$ 18,000$ to the Cumming Manufacturing Company, Renfrew, Ont., was carried on the 14th instant, by a vote of 234 to 29 . The company will employ fifty hands at the start.

## OREDI' STRINGS HANG TOO LOOSE.

A swindle recently perpetrated in this city shows to what a height of ingenuity the modern thief has risen, as it also does the encouragemen't swindlers derive from the strings of credit being hung too loosely. A young man of good address recently tried to pass off a bogus cheque for $\$ 800$ on one of our shipping companies in payment for a berth, in the hope to receive the difference in cash. The company's cashier was too smart to be caught by such an old trick, so the deal was oll. The rascal then went up town and bought jewellery for his $\$ 800$ cheque. The storekeeper, however, kept the goods until knowing the cheque was palid. Before sending it on deposit to his bank the trader endorsed this cheque, which was returned, as the drawer had no account open in the bank on which the cheque was drawn. On the slick young man calling for his good's he was, of course, told that the cheque had been dishomoured. He apoligized profusely for what he called the "mistake" he had made in drawing on the wrong bank, and recquested the unpaid cheque to be returned to him. This was done, although it bore the endorsement of the payee. This cheque was taken away and on the strength of the endorsement by a rich and highly reputable merchant it was negotiated by the su'ndller, who thus cleared $\$ 800$ by his ingenuity and a merchant's carelessness.
This fraud ought to be impossible; it would be were recipients of a cheque from an entire stranger to have its validity and value at once tested by presentation, or, in case of a, cheque for a large sum, the telephone being used to ascertain whether the drawer had an account with the bank he had drawn upon, and if there were funds to cover such a cheque.

For a stranger to pass a choque drawn on a hank where he has no account is a highly suspicious circumstance, which ough't to phot a trader on the cuni vive. After such a cheque has been returned dishonoured the drawer's endorsement ought to be at once dancelled and under mo circumstances should such a cheque, so endbrsed. pass olut of the endorser's posisession with his signature upom it, as such signature is very likely to be, as it was in this case, taken as a guarantee of the cheque being good for its face value.

Probably owing to summer holidays, the discipline of the store was relaxed, but, whatever may be the explanation, it is evident that the above ingenious swindlle could not have been perpetrated had not the strings of credit been hhung too loosely.

THE QUEBEC BRIDGE.
After expending that million dollars grant from the central government, besides the additional half-million contribution by the provincial government, in building the great bridge at Quebec, there still remains to be collected the sum of about $\$ 225,000$, the balance subscribed for the work by the citizens. The bridge is erected to the top of the piers, and it is time, as some people think, to cast around for the remainder of that eity subscription, of which ten per cent. is believed to have been paid,-although there be among us men unreasonable or blind enough not to know what there is to show for that $\$ 25,000$. They are also curious enough to inquire how much it would take to finish the bridge, and where it. is to come from.

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## WHAT CANADA BUYS-(56).

We continue publication of a list of the goods imported by our own people during the fiscal year ended 30th June, 1902, with the view of afflording information to those of our friends abroad, who may be desirous of opening up or extending business in Canada. This alphabetical list, compiled from the Customs returns, is unavoidably voluminous and will probably run through the greater portion of the "Journal of Commerce" for the current year: it should prove most valuable to those
manufacturers in the United Kingdom and their repre sentatives who would avail themselves of the advantages offered under our Differential Taxiff which, it may be seen, allows one-third off the ordinary duty on goods of British manufacture experted to Canada. Any information which, alphabetically, must recur later on in our tables will be furnished meantime on application to the office of the "Clanadian Journal of Commerce," Mont real. Newer returns show considerable increases: DUTMABLE GOODS.-(Continued.)
Abtioles Imported.
Entered for Home Consumption.

| Gountries. | Total Imports- |  |
| :--- | :--- | :---: |
| Guantity. Value. Quantity |  |  |

General Tariff
l'icture and photograph frames of any material-


$\$$ 2,839
100 100
B. E. Indies.

Pickles, in bottles, jars or similar vessels-

| Great Britain <br> B. E. Indies. <br> Hong Kong. <br> China. <br> France. <br> Italy <br> Norway and sweden <br> stin. <br> witzerland <br> lnited itates. |  |  |
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| Galls. |
| ---: |
| 93,481 |
| 25 |
| 5 |
| 410 |
| 3,036 |
| 120 |
| 12 |
| 446 |
| 8 |
| 48,912 |



| Great Britain.. .. .. .. | 1,286 | 1,645 |
| :---: | :---: | :---: |
| China | 541 | 78 |
| France. . | 901 | 135 |
| Italy. | 330 | 550 |
| .Japan.. | 3,362 | 373 |
| Spain.. | 669 | 437 |
| Turkey . . . . . | 8 | 4 |
| United States.. | 38,565 | 15,985 |
| Total | 45,682 | 19,207 |

Plants and trees, viz.:-Apples trees-
France No.

United State
Total
Cherry trees

| 91,618 |
| ---: |
| 23 |
| 1 |
| 137 |
| $\times .763$ |
| 13 |
| 43 |
| 435 |
| 5 |
| 38,772 |
| $\mathbf{1 3 5 , 8 . 3 8}$ |

Galls.
331
25
5
410
2,269
135
12
476
8
12,610

| 851.70 |
| ---: |
| 30.00 |
| 80.40 |
| 11.70 |
| 6.30 |
| 859.80 |
| 2.918 .70 |
| 8.40 |
| 9.00 |
| 3.30 |
| 0.30 |
| $15,964.20$ |
| $20,743.80$ |

Preferential Tariff. Quantity. Value. Duty.

EXPANSION OF COTTON-GROWING AREAS.
The prolonged "corner" in raw cotton has set the world to thinking. Just as in the case of the coal shortage last winter, when some measure of success was attained through various experiments, the exceptionally high price of cotton and the high prices which must prevail for all cotton and union fabrics for a season or more, are resulting in awakening the people of other lands than those of the Southern States to a full realization of the danger which, now apparent, may grow far more serious at any future time, with the possessor of many millions on the spot as ambitious speculators.
American cotton growers and dealers should not forget, says the Boston Journal of Commerce," that there are other large cotton-growing areas besides those in the United States; nor should they fail to notice that the disorganization in the cotton industry resulling from the abnormal prices of this ycar has stinulated foreign manufacturers to obtain their supplies of raw materiat from forcign soyces, thus lessening their dependence upen the cotton fields America. There may be difficultiox in developing a portion of the Asiatic and
African cotton fields so as to render them capable of producAfrican cotton fields so as to render them capable of produc-
ing such prolific crops as their climate and soil may we capable of, but difficulties only exist in order to be overcome; and if only the fact be well established that capital and norgy only are reguisite to ensure profitable returns, these vill undoubtedly be fortheoming. In the result America may ose some of her long-sustained advantages, almost amounting to a monopoly, in supplying Europe with such ample exports of raw cotton.
In Colonial Germany, says the Textile Wercury, cottongrowing seems to promise all success. Plantations have been ustablished in Togo, Kumerun, German Soutl-west Africa, and German East Africa, while a German syndicate also contemplates the culture of cotton in Asia Minor. In Togo the development of the cotton fields has been most successful, s much so that the second year's "rop-that of 1902-was as large again as that of the first year, $60,000 \mathrm{lb}$. of cotton having been exported. The cont of producing 500 lb . of cotton, exclusive of busincos management and amortisation, was 205.35 marks (say $£ 915 \mathrm{~s}$ ), while the selling price realized was 343.50 marks (say $£ 1515 \mathrm{~F}$ ). (ireat efforts are being made to further cotton-growiny in the (ierman Colonics. The most important cotion mills of (iermany have, after thorough trial, declared Togo cotton to be of excellent quality, and are backing the efforts of the (ierman Colonial growers, hoping therety to become indepentent of American cotton. Germany manufactures at present about $£ 40,000,000$ worth of cotton goods yearly, giving employment in its cotton industries of all kinds to over $1,000.000$ workmen
A writer in a Calcutta paper thus treats of the possible revival of a former industry: That the solution of the problem of de-gumming rhea will lead to a revival of the grass cloth trade goes without saying , and that the fibre will come into use for a variety of other purposes is equally assured, but it is to be hoped that those interested in developing our textile products will not halt at this one. The recent attempt to corner the cotton market by America should awaken all in the trade to the position we stand in with regard to other commodities, and it would be ndvisalle to thoroughly investigate the possibilities of transfering the manufacture of Indian requirements in the whole of the piece-goods line to the country of production, in the event of future combinations. The success that has attended the working up of jute into fallorics here indicates that a similar suceess would attend fresh demantures in other lines. True, the transfer of the cotton industry from Lancashire to India would entail great distress at the outset; and we might also look for fresh handicapping on the part of the India Office under pressure from the powerful clique whose interests would be affected; but on the principle of charity beginning at home our own well-being should occupy primal attention. However, interference with a powerful body of monopolists is not lightly to be undertaker, so for the present we may rest content with endeavoring to furnish those who lave the whip hand of us with an improved raw material, leaving attempts at competing with them in their own particular line in abeyance, until strong enough to enter on a struggle with reasomable anticipation of success. Thus far cotton.
The assured prospects of grass chotli for we prefer the term
another, once equally popular, cotton or fibre cloth, cannot a gain be brought on the market, and that is, what our grandsires knew as "nankeen"-a corruption or adaptation of the name of the city whence it came. Down to the time of the Great Exhibition of 1851, from which period so many revolutions in trades and industries date, nankeen was much. affeeted by city foll in Encland, more especially those connected with India and the East. But it gradually had to yield to the cheap er fabrics which improvements in machinery turned out, though small parcels can still be obtained from the treaty ports on the Yangtsi; and as an article of commerce, its place knows it no more. In the interior of the Sze-Chuan province, nankeen is still much worn among the well-to-do: but we need not go so far for it, as cloth closely reembling it-though stouter and closer in texture-is produced from the hand-looms in Munipur, though not in the same quantity as old residents in Sylhet and Cachar may recollect. Sufficient, however, is forthcoming to show that both the short-staple cotton and flax-the mixture from which apparontly it is woven-can be worked up to advantage by the introduction of power-driven looms, suitably constructed to deal with these particular staples. The several textile items manufactured by the Munipuris should we studied on the spot, for there are some half-dozen different kinds, one and all deserving of notice-from "sutringies" (druggets) down to the light graceful "saris," with tleir quaint attractive borders, worn by the women. The cotton cloths of the hill tribes also are not to be despised, wearing far longer than anything imported, although, from being hand-woven, unable to compete with the former in price, while the pigments employed ensure a fastness of color that lasts as long as the enlorics themselves.
Sir George Watt has recently drawn attention to the promising field for cotton cultivation furnished bye Upper Burma. but we venture the opinion that quite as profitable areas can be brought under that and kindred fibres by inducing the Munipuris and hill tribes around their valleys to expand wiotine arens it will take many vears yet tô repopulate the Upper Burma valleys; but Munipur has already a population industrious enough to undertake energetically any indlastries, when once they are convinced sach would tend to their advancement, while the hill tribes around are fast re linquishing their nomadic habits, and (as in the case of the Kahuas and older Nama clans) are crincing a desire to settle down as cultivators in permanent situations. There is ample raw material already in the country to justify the establishment of a factory, either in the town of (Imphan) Munipur itself, or in the neighborhood of Sumjok or Tummoo; and a very short sojourn at either would enable a practical machinist to decide upon the most suitable means of dealing with the several fibres as they are. Improvement of cotton staple can $g$ on at the same time. but what is now procurable furnishes the basis of a trade which once must have been a widespread one, needing but energetic prosecution to regain its former importance.

## novel appliance for fire fighters.

A member of the Paris fire brigade has invented a new mask. which is said to be a great improvement over all previ ous ones. It can be fixed to an ordinary helmet and around the neek by straps. The visor is of mica, protected by wire In front of the mouth two pipes open, one furnishing fresh hir ond the other eavying what has heen breathec -a air and the other carrying ofr wharack contains two A eservoir worn on the back as a knap. contain partments, one holding two steel jars filled with compressed air, the other one, which is called the lung, and which is conbected by copper tubing with steel jars and special mechanism, admits compressed air only at nominal pressure to the lung. when it is conveyed to the mouth. The mask leaves the ears uneovered. An electric bell gives warning when the supply of air is running out. The apparatus weighs only twelve kilograms, and will be put into immediate use in the Paris fire brigade.
-The assets of the National Electric Company, Toronto, are to be sold under an execution on Sept. 28.

There is a of business this good has come to sense of per world has g is a swindle plays it call one of thes traveller. cies, a few be identified
When a dollars wort volving show sign an orde tunity to b smooth sale Rican soap them, you
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The comme the deceitful more chieaply of these men he can buy it have said $91 / 2$ light in magn they live. It so dwarfed all minded as to b men are in th exception, to most apt to
To the next are upright and maintaining th tionally wrong customer. Yet adjustment of policy. . For ins in a few days

## MUTUAL CONFIDENCE

There is an old saying, that "Personal confidence is the basis of business credit. But in the natural growth of language this good word "confidence"-like its sister word "trust"has come to have an objectionable meaning. From its true sense of perfect faith and security in another, the business world has given it the taint of misplaced trust. And so there is a swiridle called the "confidence game" and a swindler who plays it called the "confidence man." Occasionally, not often, one of these swindlers appears in the guise of a commercial traveller. In case you have never met with one of this species, a few methods may be here suggested by which he may be identified.

When a stranger calls on you and sells you two hundred dollars worth of jewelry-or it may be face powder, in a revolving show case, to be paid for when sold, and asks you to sign an order which you have not read, you have an opportunity to be the two-spot in a confidence game. When a smooth salesman takes your order for two boxes of Porto Rican soap and in an hour delivers the goods and colleats for them, you have bought two cases of soap and one case of experience.
When an old acquaintance who misrepresents his firm days, and plays poker nights, borrows ten dollars of you, you are not only throwing away your money, but you are helping a man to fit himself for a position inside a high stone wall.
Now this confidence game is not played by the salesman alone. There is, here and there, a merchant to be found who will let us have, at the regular cash price, three tickets on a $\$ 30$ horse he is raffling for $\$ 100$, or he will graciously sell us at 27 e a pound a jar of powdered dairy butter which could be bought at home for 23 c , and which the salesman's wife would not use for the price of a sealskin coat. These are instances of knavery, of confidence tricks.
Very plainly, no honest man desires to give them either promotion or encouragement, and, I repeat, the word confidence is, in this connection, misused. In its true interpretation of absolute belief and security one in another, mutual confidence is of the highest value
In our homes as in our national government this trust is the foundation of success and happiness. It is no less important in commercial life. The merchant cannut safely place his trust in every salesman any more than he can in every customer. He must be a student of human nature. All reliable wholesale houses endeavor to employ trustworthy men, yet some of the boys on the road are "warm numbers" whe do not always conduct themselves according to the strictest code. Some men admit that their motto is "Anything to make sales." Though constituting a small percentage of the army of salesmen we cannot rid ourselves of them, because there are always to be found merchants who will patronize them.
Our ranks are, you will admit, made up chiefly of men who are known to be upright, fair-minded, sincere and efficient. They sympathize with you in your troubles and rejoice in your success. They are business men just as you are. The main difference is this Their salary is fixed blt their location is changealble; while your location is fixed and your income is changeable.
The commercial traveller meets three types of men: One is the deceitful man. A merchant of this class can always buy more chieaply of some one else than of you. If you tell one of these men your price on an article is 9 c , he at once claims he can buy it for $81 / 2 \mathrm{c}$. If your price had been 10 c he would have said $91 / 2$ c. These men always have grievances and delight in magnifying them. Business is the thing for which they live. It is their all-in-life. Their greed for money has so dwarfed all other traits that they have become so narrow minded as to be in reality men of but one idea. Happily these men are in the minority. Also they belong, almost without exception, to the illiterate. The man of limited ability is most apt to be distrustful of others.
To the next class belong the greater majority. These men are upright and honest and have a strong sense of duty about maintaining their rights. None of these men would iniencustomer. Yet he quither a salesman or his hóuse, much less a customer. Yet he quite often insists upon an unreasonable adjustment of claims which we submit to as a matter of policy. For instance: An article is back-ordered, and follows in a few days with freight charges 25 c , whereas shipped with
the order, the freight would have been only 10 c . The merchant demands 25 c in place of the 15 c actually due. Or he orders 2 dozen 12 -ounce baking powder and receives 16 ounce. He returns it by express and writes no word of explanation but albuses the salesman. Perhaps the purchase is a box of peaches with which he is entirely satisfied until some competing salesman tells him they are storage goods. Then he returns them. If certain goods are packed twenty-four in a case, you will find this sort of man can never use more than eighteen.
What is it these men lack? What quality coupled with integrity, with ability, with honesty, makes a merchant, or a salesman, the most respected, the most successful? It is fairness. Honesty alone is not enough for any man. Be honest, but go a step further and be fair.
Need we say what manner of men are of this last ano best class? We know them.. They are the leading merchants of their town. More, they are the promoters in all the eriterprises that make for the general good. We care not whether it be matters commercial, political, educational, things temporal or spiritual, they are ever ready to lend a hand to the uplifting and the upbuilding of whatever advances the welfare of the community. Be they salesmen or merchants, be they employed in the retail houe, wholesale house, or White House, these are the men who inspire confidence because they are the mén who are worthy of it.
Speaking from fifteen years' experience, says a Minneapolis writer, during which time our country passed through the most remarkable period of its history; after the prosperous 80 's we were suddenly plunged into a financial crisis. Those
of you who were in business of you who were in business at time need no reminder of its bitter experiences. During this period lessons were learned which even the unsurpassed prosperity of the present day does not efface. Not the least valuable lesson you learned was that some wholesale houses and their salesmen were only fair-weather friends, who in your time of trouble deserted you. You also learned that these men who during your prosperity saw you divide their orders with unscrupulous and undeserving transients now had it in their power to help or to hinder you, and to their credit be it said that they were, almost without exception, ready, yes, eager to aid. You realized for the first time that the regular salesman, who from week to week had solicited your business and whom you regarded simply as a "drummer" was to his house not only their salesman, but in a sense their credit man. He it was who when mercantile reports were damaging, told his employers of his belief in your integrity, your ability and your grit, and persuaded them to extend to you courtesies and credits which, save for him, you would never have received. In those hays it was worth while for you to confide in him and make of him your close and trusted friend.
It has been my experience that the most successful mer chants on my trip are those who by the exercise of due discretion have seleoted the men and the firms from whom they will buy and have given them steady patronage, making their accounts worth the having.
Let me bring this mátter of selling goods home to you. Who are your best customers and whom do you favor? Do you care much for the business of a man who drops in now and then.only to buy some small article on which you are making a special price? Dou you select the best butter*and the choicest fruit for the customer who gives you only a little of his trade? Do you give your best efforts to the occasional purchaser or to the continual fault finder? Or, like the travelling man who calls on you, do you endeavor to favor those buyers who are your regular and your reasonable customers?
I shall never forget what our manager once told me. Said he: "Harry, when you have something extra good for the trade don't run after those men who rarely give you an order, but give it to your regular customers. They are the men entitled to it." Gentlemen, isn't it worth while to determine which is the most trustworthy representative of the several lines you carry and be his regular customer? If it is ,then take this man into your confidence and make him feel that the success of your business partly depends on him. You will both be benefited.
-Grand Trunk Railway System.-Farnings 8th to 14th September, $1903, \$ 762,984$; 1902, $\$ 663,852$; increase, $\$ 99,132$.

## TRADE MISMANAGEMENT.

There can be much said upon the subject from the point of view of the observing travelling salesman. Hardly anyone can better pass judgment upon such a subject than those who mingle among so many different classes of people daily. They find a marked contract among merchants in different parts of the country in which they travel. One class of merchants are found full of business, they keep their stores and stock trim and neat, know what they have on hand and if stock runs low they replenish and you always find what you want in their line when you visit them and they are pleased to serve you. They always have a good trade, plenty to do with, pay all their obligations promptly and are termed successful business men.
You will find another class of merchants, says a western commercial man, clever, good-natured, don't care souls; you visit their place of business and they ask yqu to come back and sit down. There is where you generally find them, in the rear of their store. sitting in a back doorway if the weather is warm, catching the cool breezes, or if it be in the winter time, they are sitting behind their huge stoves, smoking. You ask them if they keep so and so, they don't know whether they do or not, they take a long breath and stretch themselves, attempting to rise, find it too much exertion, and finally tell you that their clerk knows more about the stock than they do, and he will wait on you. In buying goods they are the same way; they expect you to sit down and visit with them for a day; they consider your time worth nothing; they do not have time just then to look over their stock to see what they want. You are going to stay a day anyway, whether you feel so inclined or not; anyway, you can come in to-mornow and they will be better prepared to meet you. This style of merchant, happily dying out, has no pride in his stock of goods; they are thrown together in any old way and his store indicates the character of the man, and as a general rule, you will find him slow in meeting his obligations. and he is considered an undesirable person to do business with. His trade is decreasing, instead of increasing, and he wonders why it is, and to yourself it is a wonder how this man manages to do any business at all. He is, perhaps, one of the oldest merchants in the town , and had he shown the right spirit from the commencement of his business career, he might have commanded the largest trade in the section in which he lived.
We will now earry ourselves to still another class of merchants and look into their places of business. Here we find men that are hustlers by nature, but lack in many cases good business judgment, especially in the manner of receiving strangers The travelling man is the best friend they have outside their own families, and if they could only be made to realize the fact they would be inclined, I think, to assume a different manner towards him. They little realize the position in which they place themselves with the travelling man and the outside world, and little do they seem to care. It is the almighty dollar that they are after. The minute you enter their place of business you discover that air of independence, of poor management, on their part which will impress you that this class of merchant will never be among the rich and prosperous ones. Still, you will always find them the busiest people on earth. They can find no time to talk business with you; they must wait upon every customer that enters their place of business. They will let their clerks stand around and look on and will make it a point to do this, especially of you are waiting to see them. You are wishing that they would give you a few minutes of their time, so that you could go about your business. At last you succeed in getting their attention; you are in hopes that nothing more will occur until you are through, but, to your sorrow, some old woman comes in to see about some over-charge in her last month's bill; this must be straightened out at once. Your man is gone. This transaction takes another half hour of your time, and still you are waiting. Meanwhile you become impatient at the way you are served, and finally your patience becomes exhausted, and you leave the place in disgust, feeling that a half day has been lost, swearing vengeance on such a man, and resolving in your mind that you will get even with him for causing you to lose so much time.

I do not wish you to misjudge the trade in any way, but many are lax in their methods of doing business. I have had
experience with one man who is noted for his discourtesy to the travelling man. To such an extent has he carried this that very few of the fraternity will call on him. Many a man who has paid his first visit to him has been entirely bluffed out. I heard of ${ }^{-t h i s ~ g e n t l e m a n ~ s o m e ~ t i m e ~ b e f o r e ~ I ~ p a i d ~ h i m ~}$ a visit, and with a firm resolve I determined to stand his bluff and sell him goods, which I did and have done since. His insolence was enough to cause many a man to turn on his heels and leave, or cause him to say things that his mother never taught him to say, but as he observed, I am as good as the emergency called for, he bought a bill of goods and has been on the best of terms with me since.
The merchant who will not spare time enough to extend the hand of welcome to the travelling man, and, if he is busy, to appoint a time when he can be seen, lacks good business judgment and cannot expect to succeed in business. The most proper business men are those who use proper judgment in their business transactions. Some little think of the value of the travelling man's time; at the same time, if they had men on the road, they would expect them to earn money
Another lack of business judgment on the part of some merchants is the way they treat business correspondence. They make an order by mail which is not fully understood by the party receiving it, which necessitates correspondence before the order can be filled. This causes delay in the shipment of the goods. This retailer, in sending the order, imagines that the manufacturer or jobiber should know exactly what he wants when he has stated that he desires the same amount, style, pattern, etc., that he received probably a year before. He thinks that the party receiving, the order should remember abouit it, and when the answer comes back to him for fuller explanations in regard to time, etc., he treats the letter with contempt, and declares he will never trade with that party again, and does not reply to the request. Time rolls on, and the receiver of the order notices that he has received no reply from his customer. He writes him another very polite request; still he does not get a reply. Mr. Retailer says to himself: "Let them look it up if they want to know so bad."
Finally, the house not hearing from their customer, write him to know what is the matter, thinking his letter may have been miscarried. Mr. Retailer sits down with fire in his eyes and countermands the order, and places the order elsewhere; this time he is more particular and fully describes what he wants. It is shipped promptly. He now makes it a point to interest others who come along in his story about the treatment he has received at the hands of this particular house, when the entire fault lay with him.
It is a hard matter to decide what remedy could be applied to the better management of business. There are so many different people in the world and all do not have the same ideas about the way business should be conducted. I suppose it will always be so as long as the world lasts. My idea, however, is that every man contemplating doing business should take a thorough business course, the same as a man does to fit himself for a profession. I think that we would then have a much better class of business men who would make a success of what they undertook. At the present day a proportion of merchants in all parts of the country lack the necessary business training to make them successful.

## bAY OF QUINTE NOTES.

The Bay of Quinte Railway broke all its previous records in the passenger business last week.-A drive of logs belonging to the Rathbun Company is at present near Peterborough on its way to the front. The drive consists of three blocks on which are about 90,000 pieces. About sixty men are employed. The logs were cut in McClinton township, Haliburton county, and intervening townships.-On and after September' 23rd, the Montreal, Rochester \& Quebec Transit Company will run a triple service between Brighton and all ports, and Montreal.-Harvesting is about completed throughout this section, and the farmers are busily engaged in threshing.The Lennox Agricultural Society was favored with delightful weather for its exhibition, and gave one of the best shows in its history.

Considera is expected will lead to tions have is peppermi recent 'infor than last $y$ exceptionall exceptionall ers estimat oil to be in
is considere from the st more so as These cond corner the years. The ing off in $t$ to a compa by the Oil, and lowest years, gives

TREND OF THE DRUG MARKET.

Consideraible interest now centres in essential oils, and it is expected that the coming into the market of the new crop will lead to numerous price changes. Already marked fluctuations have occurred in the values of some, chief among which is peppermint. The yield of the new crop is in doubt, but recent information indicates that it will be slightly heavier than last year, when, it will be remembered, the yield was exceptionally light, amounting to about 135,000 pounds. Dealers estimate the annual consumption of American peppermint oil to be in the neighborhood of 250,000 pounds. So. when it is considered that only aborit 40,000 pounds were carried over from the stock of 1901, the shortage will be appreciated, the more so as the 1902 Japanese crop was also a light one. These conditions made it posible for a Western distiller to corner the crop and send prices up to a point not touched in years. These same high prices, however, caused a great falling off in the demand, and values were gradually forced down to a comparatively low point, from which they have only recently begun to advance. The following table, compiled by the Oil, Paint and Drug Reponter, showing the highest and lowest prices quoted during each month of the past few years, gives an idea of the general trend of the market:-


*To Sept. 18.
Not until the present month has the market begun to advance, and the present upward tendency is due to more buying interest, to a scarcity of stock on spot and to the strong reports from the West. Naturally, with the light yield of oil, the exports during the last few fiscal years have shown a large falling off, as will be seen by the following table-


There has been a great scarcity of cedar, hemlock and spruce oils, particularly of the first mentioned, and prices advanced considerably. New crop oil is now coming in, however, and,
under freer supplies, the market has undergone a decline. Natural sassafras oil, however, has been scarce and is still in very light supply. The market is, accordingly very firm, but there have been no marked fluctuations during the year.
Spearmint and tansy oils àre also scarce and firm. The latter declined in price a short time ago, in consequence of the very light demand, but the market has a much stronger tone at the present time.
Wintergreen oil, natural, is in about the same position as regards scarcity and strong market conditions, but, as is the case with natural sassafras oil, there have been no marked price changes thus far this year.

London Cinchona Bark Auction.-The regular monthly auc tion of cinchona bark was held at London on the 15 th instant. The sale went off at an advance of ten per cent., the average price per unit being one and three-eighths penny as against one and one-quarter penny at the August sale.
Calblegrams from London report that the advance in bark values had led to higher prices for quinine in that market, lout, so far as the local situation is concerned, the sale was without noticaable effect, any strengthening tendency it might have had being, in a measure, nullified by the heavier bark shipments from Java, during the first half of the month. The two influences, however, about balanced each other, st that the market for quinine was left undisturbed. There continues to be a very fair demand for the salt, but it is mostly of a jobbing character. Holders maintain firm views and there seems at present to lie little possibility of any change in values.

Although, as stated above, the half-monthly bark shipments were heavier than those of last month, they are only a little albove the average for the first halves of the last eight months, the amount being 566,000 Dutch pounds against an average of 521,000 Dutch pounds.

The offerings for the bark sale to be held at Amsterdam on Ootolber 8, have been announced. The aggregate is 7,958 packages.

## FARMER A COMPARATIVELY POOR RISK.

Accident insurance companies and the fraternal life insurance companies have recently been amazed at the number of deaths and injuries which have occurred in the rural districts, and recently an association in Chicago determined to make a test to determine the danger existing in the agricultural risks. The tier of counties in the northern portion of Illinois, says a Milwaukee, Wis., report, was chosen as the field for the test and from July 25 to August 25 the papers from this district and the counties immediately adjoining were scanned by a clipping bureau to find all the reports of farm accidents, fatal and otherwise. Machinery with which the farmer has comparatively little experience, through only occasional use, is largely responsible for these casualties. In thirty days, nearly two score casualties took place in that small area, every one of them directly related to farming. In the same period of time the accident which injured railroad men in the same territory were counted on the fingers of one hand and only one was fatal. The farmers of northern Illinois lost lives, fingers, feet and other portions of their anatomy and their children were maimed and scalped by disasters taking place on their farms. The record is a bloody one, and may result in farmers and farm residents being placed on another footing with the insurance companies. A list of broken limbs shows the dangers of horse care. The threshing season had scarcely begun when this olbservation was made, but no less than seven accidents, one of them fatal, resulted from this form of farm work. The corn shredder has not yet had an opportunity to add to the list of victims.
-It is reported from Winnipeg that the Canadian Pacific Railway Co. have finally accepted plans for the erection of a $\$ 3,000,000$ hotel and passenger atation in that city. Construc tion work will, it is stated, commence early in the spring.

STEAM AND SAILING VESSEL TONNAGE.
According to Lloyd's Register, the shipping of the world consists of 29,943 steamships and sailing vessels, representing a tonnage of $33,643,131$ tons, This fleet is divided as follows:


Totals.
29,943
33,643,131

These figures show an increase over last year of 315 vessels and of 204.36 s ton-. The advance, however, is entirely in steamships. Not only were there fewer sailng vessels built in 1902 than in any previons period in the history of the industry, but a large decrease took place in the number and tonnage of those on the registers of the various countries290 vessels and 118,000 ton-. 1 the total tonnage of $33,643,131$, nearly one-half of it is owned in the United Kingdom and colonies. I year ago that country had in its possession nearly 1.500.000 of shiping tommage, but now its tonmage for the first time exceeds $16,000,000$. Upwards of $14,000,000$ of the tonnage is composed of steamships leaving less than $2,000,000$ tonnage in sailing shijs. The rest of the nations combined have more than f wice as much sailing tomage, but. on the other hand ,their steam tonnage falls short of that of the Inited Kingdom by mor than 1000,000 . The following are details malicable country possessing over or close upon 100.000 tons of shipping, in the order of procedure:

| Flag. | Tonnage. |
| :---: | :---: |
| British | 16,006,374 |
| American.. .. .. .. | 3,611,953 |
| (ierman. | 3,283,247 |
| Norwegiatr. . . .. .. | 1.653,740 |
| French .. .. .. .. . | 1,622,016 |
| Halian.. | 1,180,335 |
| limstian.. .. | 809,48 |
| spanish.. | 764,447 |
| Japanese. | 726.818 |
| swerlish. | 721,116 |
| Duteh | 658,845 |
| Danish.. .. .. .. .. .. .. .. | 581,247 |
| Aus.-11un. | 578,697 |
| Greek.. | 378,199 |
| Belgian. . . | 157,047 |
| Brazilian.. .. .. .. .. .. | 155,086 |
| Turkish.. | 154,494 |
| Chilian.. | 103,758 |
| Portuguese. . | 101,304 |
| Argentine. . .. .. .. .. .. | 95,780 |

The Chinese, who come next, have only 60.000 tons, and the other smaller powers are much below such figures. So far as this table is concerned, it shows that all the countries far as have increased their shipping tonnage during the last year

## THE SILK IXDUSTRY IN ITALY

The Italiens seen on the streets, who, if not turning the orgin handle or otherwise turning the attention of housekeep Ars to cheap fruit through the aid of powerful lung power are handling the pick and shovel in corporation work, are not fair specimens of their race except in so far as patien industry is concerned. No. The type of Italian seen in Italy s of another order. Italy is steadily coming forward in the arts that make for modern need. Cheap labor will greatly id such industries there as textile manufacturing. The only ilk faetory in Italy bere the silk industy is carried on. from the cocoon to the manufactured fabric says the Textile Mercury, is that of the San Leucio Silk Works, in south Italy. The factory is a handsome structure which was erected by the Bourbon kings in the early part of the nineteenth century at the village of San Leucio near

Baserta. The manufacture is now carried on by a joint-stock company, with a capital of 300,000 lire ( $£ 12,000$ ), fully paid up.
The reeling department has 84 basins, and can produce 10,000 kilos. ( $22,050 \mathrm{lb}$.) of silk per year, which is sold in France, and principally at Lyons, where it realizes excellent prices, and is recognized as a first-class brand of silk. About 200 women are employed in this department. The spinining de partment is on the cylindrical system and yields some 6,000 to 7.000 kilos. ( $15,450 \mathrm{lO}$.) of warp and weft per annum. Where the silk is woven, the machinery is driven by a turbine of 12 horse-power, nearly 200 women being employed.

These looms are among the best in Italy, and turn out guods suitable for dress materials and the covering of furn ture, shot silk, damasks, wide satins, velvets, bedcovers 9 feet square in one piece, narrow satins, Pekins etc. all of which find a geod market at home and abroad. At present this department employs about 100 workers but these will shortly be considerably increased, as the company is putting up new looms to increase their output. The looms are al up nel worked by hand. The departments for finishing and dyeing are in proportion. A considerable business is done in London in the finished article, and in New York in the raw silk.

The establishment, which is lighted electrically, employs about 600 hands, made and female, and the wages run from $e^{s} 01 / \mathrm{d}$ to 65 a day. The working hours are from 5.30 a.m. till $i$ - p.m., with an hour's rest at midday. The wages areGirls of $13,21 / 2 d$ per day; apprentices, 5 d per day; finst-class apprentices, 6d per day; and mistreses, 7 d per day. The wear rs are paid by the piece and can earn from $4 s$ to $6 s$ a day Dyers earn from 2s 6 d to 3 s 4 d per day.

## SCARCITY OF SMALL HOUSES

There is a growing scarcity of houses of the smaller and medium class in Toronto, a good sign of the steady growth and prospertiy there. The Single Tax Association, says the Mail, sont a communication to the Mayer calling attention to the searcity of small houses in the city, and asking that the proposal made lasit winter by Ald. Noble for the Council to tition the Tegitature for power to exempt from taxation all ciwellings to the extent of $\$ 700$ on building only, be given careful consideration. In part, the letter says-"A tax on houses discourages their building, and thereby raises their rent; so that by reducing the taxes on houses we are going to encourage their building, and consequently reduce their rent. A tax on land acts differently, but has the same re sult. It discourages speculators from holding it idle, and consequently reduces the rent. We are perfectly safe in saying that this exemption will so encourage small houses that it will not be long before the demand will be practically filled, and at the same time by increasing the competition, it will dednce the rents to the extent of from two to ten dollars a month. Allow that it will make an average reduction of five dollars a month on the 25,000 houses in the city, and it means a saving to the working classes of $\$ 1,500,000$ per an num. This, of course, means that much of an increase in their purchasing power.

## NEW MARKETS FOR BUTTER.

The cisplay made by the Canadian Department of Agriculture at the recent Exhibition at Osaka, Japan, has, we are informed from Ottawa, resulting in trebling the shipments of butter from the Government creameries in the northwest to the Flowery Kingdom this vear. The trade with China is also developing, and the shipments to the Yukon are largely increased. In fact, while last year five carloads were exported to England, this year's product has all been handled by the home markets and the Orient. Two new creameries have been opened in northern Alberta this year and one old one has been reopened.

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1820

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Este'd 1820.

# 178 Whitechapel Road \& East Mount St, LUNDON, Eirg. 



## DAIRY PRODUCE

A private London circular, date llth instant, treating of the dairy produce situation, says:-Butter.-The same cool, coudy, rainy weather, with a few bright days interspersed, which has characterized the present summer, still continues. The improved demand for Canadian butter, if anything, grows in strength. In Canada prices have risen about 5 s per owt on the week, and c.i.f. quotations are now above spot values. Choicest salt is selling at 95 to 96 s per cwt., and saltless at 98 to 100 s . Finest quality is making 92 to 94 s . Last year choicest salt was 98 to 100 s, saltless 102 to 104. The "Himalaya," which left Australia this week, carries the first parcel of new season's butter, which consists of 750 boxes. There are also about 900 boxes of last season's stored butter on poard. Australian stored butter is not giving anything like the satisfaction that New Zealand does, the relative values being about 94 s to 96 s for Australian, and 96 to 100 s for New Zealand. The Copenhagen official quotation remains unchanged. Twelve months since the quotation was 7 kroner, qual to $8 s$ per ewt. higher than it is to-day, and two years ago it was 15 kroner, equal to 17 s per owt. higher
Cheese.-The price of Canadian continues to advance, and although there is a slackening in the demand, this has not prevented a further rise of ls per cwt. on the "spot" since last quotation. The statistical position, undoubtedly, looks ery strong, and buyers who some weeks ago held off operat ing, waiting for lower figures, look as if they were stranded. Choicest Canadian cheese is worth 52 to 53 s , and finest 50 to 51s. Corresponding week, 1902, choicest sold at 48 to 49 s, and finest 46 to 47 s .

Canadian Butter and Cheese.-There is a general consensus of opinion in Canada that the grass crops this season are not greater than those of last year. The droughty conditions which prevailed in Quebec early in the season may be set off against the natural increase of the milking herd, and we may therefore assume that there will not be more milk produced in Canada this year than there was last. This assumption appears fair and reasonable, the only doubt being whether there will be so much. Assuming the amount of milk produced in both years to be equal, let us estimate the quantity of butter and cheese to come forward between the lst September and the end of April next. The amount of butter and cheese imported from Canada for the year ended 30th April, 1903 was 13,922 tons of butter and 79,678 tons of cheese; and estimating that it takes 25 tons of milk to make 1 ton of butter and 10 tons of milk to make 1 ton of cheese, then the amount of milk used in the manufacture of the

13,922 tons of butter was 348,050 tons, and in the 76,878 tons of cheese, was 796,780 tons, or a total of $1,144,830$ tons of milk.
For the four months, May to August this year, the amount of butter shipped was 4,215 tons, and the amount of cheese 53,023 tons. The quantity of milk used, according to the official records in making this butter and cheese was 105,375 tons for butter and 530,230 tons for cheese, or a total of 635,605 tons. This leaves 509,225 tons of milk to be exported in the form of butter and cheese before the end of next April. If we assume that they will be exported in the same propor tions as during the past four months, then there are 3,395 tons of butter and 42,435 tons of cheese to be shipped before the end of April. This will give the total year's export of Cana dian butter as about 7,600 tons of butter and about 95,500 tons of cheese. The amount of Canadian butter shipped last year, from lst September 'to end of April, was 7,633 tons, and the amount of cheese 42,980 tons. To sum up, therefore, it appears there are 4,238 tons less butter and 545 tons less checse to arrive between now and next April than there was last year.
disasters along the atlantic.
The British steamer Topaze, from Cardiff for Bonne Bay, Nfld.. with a cargo of coal for British warships, went ashore on the 19th instant off Cape Race in a dense fog, and will be a total loss. The crew was saved. The Topaze is the steamer whose crew was arrested by the Venezuelans last December nt Puerto Babello, for which insult to the British flag the British warship Charybdis and the German flagship Vineta bombarded Puerto Cabello.
The British fishing schooner Viking, bound from the Newfoundland fishing banks for European waters with a cargo of fish, went ashore on the same date at Cape Race as a result of the fog, and she, too, will become a total loss.' Her crew also was saved.
The French fishing vessel Aiglon was wrecked at Cape Race on the 18th instant, within two miles of the spot where the British steamer Topaze was wrecked. The crew escaped. Another French fishing vessel, the Alliance, stranded at Miquelon. Her crew were rescued.
The Star Line Steamship Co.'s steamer, David Weston, caught fire off Craig's Point, about twenty miles up the river, from St. John, N.B., on the $20 \mathrm{th}^{2}$ instant, and was total-

## TELEORAME: RIBOTINB, LETOEOTER, <br> WATERHOUSE REYNOLDS \& CO,



Corset $=$
$\underline{\text { Manufacturers, }}$

Brown
street
Leicester, England.

## "Tarupaotomant

MADAME JEANNE, MADAME LIEDER, ANGLO FRENOH RIBOLINE.

Specidily in Buys' Ready Made Cloting,
Unuer New Preferential Tariff.
Dellvered Free on board London or Liverpool.

Canadian Sults, Berges, 1/113/1 to $8 / 11$


Tweeds, 11111/1 to 8111
Velvets, $4 / 11$ to 8111.
sallors Sults, same price.
Norfolks, 418 to 151.
Write for Patterns sent fres, or send 10 for sample parcel

## E. Berger \& Co.,

Tholesale Glothing Manufacturers
FAZOUS WOREB,

## Rutland 8treet,

Telegraphio Addrone: "Borgers" Ialcenter.
ly destroyed. Three people were drowned and seven or eight injured. The David Weston was built in St. John in 1866 but from time to time has been renewed. Two yeats ago extensive repairs were made to her, and she was considered good for fifteen years yet. The company valued the steamer at $\$ 25,000$ and carried $\$ 10,000$ instarance.

GROWTH OF EXPORT CATTLLE TRADE.
For the first time in the history of the port of Montreal the cattle shipments before the close of the season of navigation passed the 100,000 mark. The official report of the Govern ment inspector, as compiled up to the 2lst instant, showed that the shipments to date had totalled 110,856 cattle and 32,502 sheep. The remarkable showing is better shown when compared to the shipments made up to the same date last year, which totalled 52,522 cattle and 20,904 sheep. year, which totalled 52,522 cattle and 20,004 sheep.
Should the present increase be maintained till the close of Should the present increase be maintained till the close of navigation the shipments of 1903 should total over 150,000 cattle. Last year the total shipments were 77,156 cattle; in ,1901, 73,791, and in 1900, 82,180. Owing to the elosing of the ports of Portland and Boston, on sccount of disease, 40,456 cattle have come to this port from the United states.

This new latest price the demand the world methods of its use in X ray, espe in the end exciting flu tically pern down, it wi haps suffic though che be so great ful. They give us a in fact, to chemistry. over Natur to double

# HuTchilis <br> LIMITED. 

## BRISTOI, Eng. And STAPLE HILL.

## REGISTERED OFFICES

23 Portland Square, - BRISTOL, Eng,

## the great klevator.

Attention has been called to a description in a city paper of the magnificent new elevator now approaching completion in the harthour. That description says, among other things, that "the spoutings for the distribution of grain are all erected." Some citizens who have been watching the progress of the great work with no little interest, eager to confirm what they rend, proceeded to the spot, but were sadly disappointed in their search.

## RADIUM.

This new product has attained high commercial value. The latest price quoted is $\$ 60,000$ an ounce, and even at that figure the demand exceeds the supply. Practical chemists throughout the world are busy studying its propertics and seeking for methois of producing it. The demand is due first of all to its use in therapeuties, radium being more efficient than the X ray, especinlly in the treatment of cancer. It will, however, in the end be used to produce light, a very little morsel so exciting fluorescence in sulphide of zinc as to supply a "practically permanent illuminant." If its price can be brought down, it will be used to develop other forms of energy, per haps sufficient to drive motor-ears and raftway engines; and though ehemists are for the moment beffed, the reward will be so great that their researches must ultimately be successful. They may even produce it direct from hydrogen, and so give us a new and vast motive-power. The world appears, in fact, to be on the edge of grand discoveries in applied chemistry. They will at all events tmerense man's domintion over Nature enable him to extinguish many diseases perhaps to double agricultural production the world over.
-The McLellan Paint Company, Buffalo, will build a plant at Hamilton, Ont., that will employ 100 hands.

WHERE COMPETITION IS TOO KEEN
It is evident from reports of our correspondents in different parts of the country that storekeeping in many of the smaller towns and villages is being overdone. It is unfortunate that many of those who so engage are farmers' sons, devold of the necessary training, but assisted in starting, with the idea that it would afford an easy living. However, the mattert will eventually right itself, for we learn in one instance, that of a town in the Maritime Provinces of some 3,000 population, that $\begin{aligned} & \text { Prs,000 was recently lost in stock speculation. This }\end{aligned}$ would naturally suggest the query: If a population of three thousand can afford to lose $\$ 75,000$, how much can a population of three and a half millions afford to lose?

Reader, Sherbrooke.-The U. S. Government have at length agreed to pay Mr. Francis Cushing $\$ 220,000$ for the island which bears his femily name.

## FINANCIAL

Montreal, Thursday Evening, Sept. 24, 1003.
To-morrow the shareholders of the Dominion Iron \& Stect Company and of the Dominion Coal Company each hold a meeting to consider the terms proposed for their entite scyeraner. They seem to have become an ill-matched comple after mar. -jage, for certainly nothing could make a happier combination than an iron and steel company and a coal company. For every ton of iron made two tons of coal are consumed, and steel converting takes more conl, so the sumply of cheap coat is one of the most important elements in the manufacture of these metals. The "ills that do environ the man who meddles with cold iron." or hot either, are evidenced by the elosing down of the various industries at Sault Ste. Marie,

## Legging's! ! <br> Legging's!

 High-Class Leggings, in all Patterns and from all Classes of Material.

The Puttle Leggiog.
The Puttle Legging. $\qquad$
 Legging.

## Pig-Skin, Tan \& Antelope,

 Calf, Tan Brick, Smooth and Grained Hide.

The W. W. Lerging.
The Colonial Legegiog-Front View


The Colonlal Legging-Back Vlew

## I. Watkin \& Sons, weluluborovem L. Watkin \& BOHS, ENGLAND.

commonly called the Clergue works. The situation is akin ti the lailiff being put into po-sossion to eollect a debt. The Company bormwed five millons, giving it blanket moterage over the works, the securitins and propertiem On the l-t Octaber all these assets will be offered for sale at atuction. merely as a matier of form. we believe, and the upshot is likely to be the wiping ont of an immenos sum of invested copital pot into the coneern by small hobders, and the transfer of the entire property to a syndicate at a price equal to one-third of th. -1 ork. The water will have to be squezed out of all these biy eombinations before the stock market cent regain its health. The bonds of the I. N. Sted comporation have been sold in New York at $i 2 \frac{1}{4}$. Six months ago they sold at 98, and when first ready for delivery in May last they were quoted at 84. The inderwiting symbleate is oftiget by contract to buy 20 million dollars worth of these bonds at par, which puts the speculators in a far from pleasant position. Consols have gone down to $883 / 4$. which is the lowest vince Black Friday. May. 1866, when they towehed $845 / 8$. under the Overend-Amrney panic. In 1870 they were $881 / 2$, when the war between France and Germany broke out. Both these events had not the slightest relation to the real value of these securitios any more than present conditions have, but a few sored boldera enn put down the price at any time until seared sors sep in, as they will do soon, and put Consols up to a more reasonable figure. The local stock market is still very ytriet. Iron and Coal have been lively, owing to the nes. arangements. Iron pfd. sold at 34 , and common at $111 / 2$ to 13, and Coal 72 to 75 , but they are very unsteady. Pacific is
ranging from $121 \frac{1}{4}$ to 122 , but sales are small. Bank stock: wholly neglected. París, erehange on London, $25 \mathrm{f} 21 / 2$ e Berlin, $20 \mathrm{~m} 381 / \mathrm{pf}$. Sterling 60 's are quoted $89-16$, demand 103 to $9 \geqslant-16$. Call money in New York runs from 2 to $21 /$ loocal money remains as for some time past.

## El Padre Needles 10 aENTS. VARSITY, <br> B OENTB.

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

Made and duaranteed by
S. Davis \& Sons, MONTREAL, Que.

Bundim B

Those and Warm. Nátum Italar Verandah. Lambs Fine Tropie Speola countries; The lat and healthy Price I Axplorers

The follow ending Sept. Brokere, Mon

## Banke.

Montreat.
Merchants
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Can. Pac. Rail Montreal Stre Montreal Pow Toronto Street Twin City Tral Ríchelieu \& 0 Montreal Teleg Montreal Cott Ogilvie Pfd.. Dom. Coal, cor

Ditto. p Laurentide Pul N. W. Land, pf Detroit United Dom. Iron \&

Nova Scotia.

Bonds.

Montreal Street Can. Col. Cotto Dom. Coal. . Dom. Iron \& Ste
"Laundry sale reading of latte is not gold.'

## 

## JOSEPH TUCKER,

## Equipment ana General Stores, Newington Green Road, LONDON, N., Eng

 Invoitor of many Specialities for Travelling and for Residents Abroal.Quotations elven for every class of goods.
Those who reside in extremely cold ellmates should see naturel Camel Heir Flesey Cloth, light, durable, and warm. In several textures, for Pyjamas, Dressing. Gowns, Sleeping Sacks, Blankets, Wraps, etc. Natural Wool Sheets in all widths.
Malarial Mosquitos completely mastered by the Unique Canopy, which can be adapted to Bed, Study or Verandiah. Send for diagrams. Double-Ward untearable Mosquito Net; rot and ant-proof, non-flammable, Lambswool for Underwear will neither shrink, "felt," nor become hard from rough washing. (Guaranteed.) Fine Gause, Wool and Silk, for extreme heat. Wery absorbent and will keep the body healthy. Tropical Tweeds and Heavy Wraps for extremes of climate.
Speelallty, Spitalields sils for Sults; Ladies Costumes, of light materials, a luxury in all tropical countries; send for Patterns and the French System of self-measurement.

The latest improvements for saving space and weight, render travelling on the Veldt, now comfortable and and healthy.

Price List, $\boldsymbol{z} 25$ pages, representing stock of goods of all classes, free by post. Missionaries, Travellers Mxplorera and Miners should see this before making preparations.

TPITR OPDPR OOLIGITBD.

The following is a comparative table of stocks for wer' ending Sept. 24, as supplied by Chas. Meredith \& Co., Stock Brokers, Montreal:
montreal wholesale markets.
Thursiday Evening, September 24, 1903.

Benles.
Montreal. .
Merchants.
Royal .
Hochelaga.

|  | Average <br> same <br> date |
| :---: | :---: |
| Shares | Sales. Highest. Lowest |
| 1002. |  |

Sales. Highest. Lowest 1902.

Flour is firm at last week's advance. Dairy products are much higher and in active demand. Leather is quiet. Turpentine has reached the highest point of the season. Sugars are again higher. Fine ${ }^{\circ}$ wool shows an advance of 5 to $71 / 2$ per cent. at the London auctions.

## FOR <br> Motors, <br> Motor Accessories, Motor Fittings, <br> 

## Motor Parts,

Of Every Possible Desoription.
Write to the Oldest
British Fitrm in the Frade.

| Montreal Street Ry. . . . . | 600 | 104 | 104 | $\ldots$ |  |  |  |
| :--- | :--- | :--- | :--- | ---: | ---: | ---: | :--- |
| Can. Col. Cotton. . | . | . | . | 1500 | 98 | 98 | $101 / 2$ |
| Dom. Coal. . . . . . . . . . | 1000 | 108 | 108 | $\ldots$. |  |  |  |
| Dom. Iron \& Steel. . . . . . | 16000 | 65 | 64 | $911 / 4$ |  |  |  |

[^0] $\square-$

# J. R. Bousfield \& Co. 

LIMITED
_-Whotesale Clothing Manfifacturers


The Finest Bespoke Manufacturers

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

[^1]Some are of the opinion that the market has seen the highest point for the present and a reaction towards easier values is looked for. In fact, to-day we notice a nervous feeling existing and exporters are not disposed to follow the market higher. In Quebec makes there is more business, with sales at $11,3 / 4$ to 12 c , and market well sold. Receipts are large and likely to keep up, as the weather is most favorable for fuli production.

DRESSED POULTRY.-The change to warmer weather has affected the dressed poultry market, causing trouble and siving prices a wide range. Some lots coming in by expres are reporten in bad shape. On good stock the market is thoted at 10 to 12 clb . for chickens: 8 to 10 cll . for fowls; 8 to $9 \times$. Wh. for geese: 10 to 12 c lb . for ducks and 12 to $131 / \mathrm{c}^{\mathrm{c}}$ 1b. for turkeys. Partridges bring $\$ 1$ to $\$ 1.25$ per pair.

DiGS.-Situation is firm, active and strong market with lighter receipts and largely increased demand both locally and for export. Fresh receipts find quick vale at 1.5 to $161 / \mathrm{a}^{\mathrm{c}}$, with selects bringing 19 to 20 c ; No. 2. 15 to 16 c . As reccipts wre likolv to decline from this on holders feel confidence in the future of the market, and look for a further advance before long on fine fresh stock. High price is bringing some pickled stock on the market at 16 to $161 / 2 \mathrm{c}$, and soon as weather will allow held spring eggs from eold storage will be brought

# CATTELL BROTHERS., 



Avenue Works, K ETTERING, ENGLAND.

## Export Manufacturers of Gents BOOTS \& SHOES, in Box Calf, Black and Tan Glace, Tan Willow, Brown Calf, \&cc., in Goodyear Welted, Fair Stitched, Standard Screwed and M.S. work.

Conpetition Defies.
out as an influence to hold prices in check on all grades under new laid.

FLOUR AND FEED.-Flour holds steady at the advance noted in last report. There is a good demand assisted by reports of a general shortage in the wheat supply and the possibility of much higher prices. Shorts has advanced \$1 per ton over last week's quotations. Demand is good, The wheat crop of Manitoba and the Territories will be between sixty and sixty-four million bushels. The secretary of the Winnipeg Board of Trade, says it will be between sixty-three and sixtyfive million bushels. Of this Manitoba produced about fortyseven millions and the Territories about sixteen millions. It is difficult to compare the financial results to the farmers of the crops of 1902 and 1903. The returns of 1902 are approximately as follows:-On all wheat sold and milled, about $59,000,000$ bushels, the price realized was 55 cents, or a total of $\$ 32,450$,000. Including the seed the total value of the wheat crop to the farmers was $\$ 35,750,000$. The prospects are that owing to increased prices this year's crop will net more than that of 1902. At present prices it will realize about $\$ 42,000,000$, the price for Nos. 1 and 2 worthern, which most of the wheat of the year grade, being from 70 to 72 cents. The oat crop of 1902 was $46,500,000$ bughels, and the average price 30 cents. This would give a money value of almost $\$ 13,000,000$. At present the price is down to 21 cents, but is merely a nominal figure, as practically none is being offered at that orice. However, this year's crop is worth about $\$ 8,500,000$. On a basis of getting values the comparison between 1902 and 1903 would be something like this:-

Best Value for Wholesale Buyers in 'he Trade.
F. ). B. at any English Port.


GREEN FRUITS, ETC.-The export trade in apples shows a heavy increase, last week being the heaviest ever recorded at this early season. The number exported from Canada last week was 124,000 , as compared with 60,000 barrels for the corresponding week of 1902. A new departure has come into the apple trade this year, since the Finska-Lloyds line steamers are now taking quantities of apples to France. At pre vent there are French buyers here selecting apples which will ve most suitable for that country, with the intention of cultivating a trade. Quotations-Peaches, freestone, 60 to 75 c large basket, California ('rawfords $\$ 1.75$ to $\$ 2$ box. Pears-California, at $\$ 3.50$ to $\$ 3.75$ box; Canadian pears 30 to 40 c basket. Apples - $\$ 2.50$ to $\$ 3$. Oranges-Jamaica's in boxes, 126 to 200 size, $\$ 5$; in brls., $\$ 5.50$ to $\$ 6$; Lemons-New Verdilli, Torradore brand, $300 \mathrm{~s}, \$ 3.50: 380 \mathrm{~s}, \$ 3.25$; Victoria's, $\$ 3$. Bananas-Jamaica firsts $\$ 1.80$ to $\$ 2$. Blueberries-In 22 -qt. boxes, $\$ 2$. Melons

## HART \& LEVY, Ltd.

Wholesale
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Export
Clothing Manufacturers

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Special prices to Canadians under the New Preferential Tarifi,
$33 \frac{1}{3}$ p.c.o, in favour of Canadians.

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# CRANES or ALL TYPES $\&$ POWERS 

ARE
OUR
SPECIALITY,
AND THEY COMBINE:
Good Design,
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Great Capacity,
Ease in Handling and
Low Wear and Tear.
THE RESULT OF MORE THAN
40 Years' Experience in Crane Building.


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Highest Brltish Awards for Cranes at Paris, 1879, 1889 and 1900 .

[^2]toward lower levels. It is reported that U. S. manufacturers have enormous quantities which are likely to find a market shortly anywhere and at any price. L. \& F. tin is quoted 2 c lower at 32 c , and strip tin at a similar decline to 33 c . Thè Soo industries will, it is reported from New York, be sold at aluction on Oct. 1.
Besemer pig iron at Pittsburg is quoted now at 16.85 per ton as compared with 17.35 per ton last week. Besemer has now reached a point where it can be bought at 16 flat at furnace, which point U. S. Steel Co. has been waiting for it to reach before closing, pending negotiations for $1,000,000$ tons for use this quarter. In finished iron and steel common hars at Chicago declined to $\$ 1.50$ per 100 libs., as compared with \$1.50 a week ago.

LEATHER.-The trade is experiencing a lull all round, even Alipping showing for the first time in many months a quieter tendency. However, this is but an ordinary quiet turn, as locally manufacturers are between seasons. On the other hand, good jobbing leather is scarce and wanted. Prices steady.
OILS, PAINTS. ETC.-The feature of the market is a fur ther advance in turpentine, which is now held at 85 to 90c as to quantity. Linseed oils are unchanged at 50 to 51 c for raw and 52 to 54 c for boiled. Paints steady

PROVISIONS,-Demand keeps steady at last week's quotations for salted and smoked meats. Live hogs sold lower this week and has had the effect of reducing prices on fresh killed abattoir dressed hogs to $\$ 8.25$ and $\$ 8.50$ per one hundred pounds. We quote-Heavy Canadian short cut mess pork, $\$ 20.50$ to $\$ 21$; Canada short cut back pork, $\$ 19.50$ to $\$ 20$; light Canada short cut 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, $91 / 2 \mathrm{c}$ to 10c; choice refined compound lard, 8c to $81 / \mathrm{c}$; hams, 13 c to 14 c ; and bacon, 14 to 15 e per lb . Chicago, Sept. 23.-Provisions closed 5 c to 15 c lower. Estimated hogs, 25,000 . Futures closed: Pork, September, $\$ 12.90$; Octaber. $\$ 13$; January, $\$ 12.85$;

Thlegrams : "Hobters, Letcrster," A.B.C. Code, 4th Ed,

## A. B. HUGHES \& CO.,

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Gent's Fancy Knitted Waistcoats and
Footless Golf Hose
Are our present Specialities.
On receipt of $21 / 2$ dollars from Bona-fide Buyers, we will send a Sample Walstcoat and pair of Hose to show our make of
goods, and will also inciude free of charge, full raage of other patterns to orderfrom. It will pay you to do this.

## UHIS PRRCYII 8 COIPAIV.

Rolleston St., LEICESTER, England.

## Speciallities:

Football Boots, Cyeling Shoes, Rubber Heeled Ward Shoes,
ChHIdren's Cheap 0xford
and 2-Bare Shoes.


All Bhipping Orders Beoeive Prompt Attention, Manufactured under the New Canadian Tarif.

May, $\$ 12,971 / 2$. Lard, September, $\$ 9.821 / 2$; October $\$ 7.75$; De cember, $\$ 7.171 / 2$; January, $\$ 7.02 \frac{1}{2}$. Ribs, September, $\$ 9.30$; October, $\$ 9.40$; January, $\$ 6.70$. Cash prices: Mess pork, $\$ 12.90$ to $\$ 13$; lard, $\$ 9.75$ to $\$ 9.80$; short ribs, sides, $\$ 9$ to $\$ 9.25$; dry salted shoulders, boxed, $\$ 6.121 / 2$ te $\$ 6.75$; short clears, $\$ 8.75$ to $\$ 9.25$.-Liverpool, 23.-Bacon, Cumberland cut, firm, 53 s 6d. Lard, prime western, in tierces, easy, 42 s od. American refined in pails, easy, 41s 9d.

WOOL-A very firm market is being shown abroad. The progress of the London wool auctions shows advances of from 5 to $71 / 2$ per cent., with active competition. Locally, however, the situation is extremely dull. A few sales of a hand-to-mouth charscter are being put through exhibiting an encira lack of spirit such as should dominate a growing and healthy' industry. We hear that two mills at Carleton Place, Int, have been shut down, presumably for couple of months. The mills were acquired by the syndicate couple of years ngo. Dealers here say that very few woollen mills in Canada are now running at what should be termed a profit. They refer to makers of tweeds as apparently showing a lack of that attention which more favorable conditions of the Canadion woollen industry would reveal. Some mills, again, are referred to as turning out cheap union and the like, in the endeavor to compete with imported goods and find a market; yet such attempts at manufacture cannot be referred to as aiding or furthering the Canadian woollen industry. In fact, Canada raises more wool than is needed in the country; the Northwest sent a lot abroad last season and the same is likely

## Champions, Davies \& Co,

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

SPECIALITIES:-Manzipan Fancies, Bouquet Lozenges Best Gum Goods, Cream Goods, \&c., \&c.

## Spectal prices under Canadian Tarif.

Foll price lists free on applifoation.
Terms: F.O.B. BRISTOL
Cauh agatait bill of lading.
to occur again this season. An agitation is being worked up at Ottawa for legislation against the manufacture oi shoddy goods in Canada, but a very difficult task awaits the carrying ons of such an endeavor, even after it should become law.

- A reduction in price equal to 10 per cent.,has been made in U. S. plate glass

Ottawa Clearing House.-Total clearings for week ending Sept. 17, 1903, $\$ 1,979,427.33$; corresponding week last year, \$2,131,917.43.
-Ottawa Clearing House.-Total clearings for week ending September 10, 1903, $\$ 1,740,152.29$; corresponding week last year, $\$ 2,238,188.19$.

- A branch of the Traders' Bank has been opened at Woodstock, Ont. An agency of the same bank has also been opened at Embro, Ont.
-It is to be hoped that Mr. F. H. Clergue is not over sanguine in his anticipations for the future of Sault Ste. Marie and the various enterprises in that locality, many ot them more or less promoted by his energy. Those who read the exhaustive description of many of the Soo industries given in the Journal of Commerce some months ago, were not unpre pared for the changes that have cropped up meanwhile, vicissitudes which it did not need the spirit of prophecy to forecast. As a Chicago man once remarked-"No matter how much you feed an animal, it must be given time to grow."

Telegrams :-Goodwin, Ironpounder, Leicester.


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Portable and stationary.
The Best Mechine for all -
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\& Dressing Bags

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LA BANQUE NATIONALE.
NoTice. - On and after Monday, the Second any N of Novembrr next, tni4 Bank will pay to ite shareholders a dividend of three per cent. upon les capital for
Oc obar next.
The transfer books will be cloesd rone the 17th th the sist October next, both daja incluatve. By order of the Board of Directors.

Msnager.
Quebec, sand Sentember, 1403

PATENT REPORT.
Below will be found a list of patents recently granted by the Canadian and American governments through the agency of Mears. Marion \& Marion, patent at tonneys, Montreal, Camada, and Washing. ton, D.C. Lnformation regarding any of the patents cited will be stipplied free of charge by applying to the above-mamed firm.-Canada.-Felix Mesnard, New Glasgow, Que., vehicle wheel; Philias Belle, Montreal, P.Q., process for making pasted leather stock; Phileas Belle, Montreal, machine for making pasted leather stock. United States.-Joseph Moreau, St. Ger main de Grantham, P.Q., rossing machine; Messrs, Black \& Worrah, Halifax, N.S. Messrs. Brack \& Worrall, Halfax, Montreal, fruit sizer; Benjamin O. Beland, Montreal,

Woutroul P.O axte nut; Alfred Rioux, electric fuse, George B. Baby; casting Alontreal, P.Q., axle nut; Alfred Rioux,
machine, Silas W. Bradley; mower-bar
motre The following complete weekly list of patents granted to Canadians is furnishished by Messrs. Fetherstouhaugh \& Co., patent solicitors, Canada Life Building.Camadian patents.-M. Cote, furnace grates; F. Cords, cattle guards; C. P. Cox, locomotive driving mechanism; J. Cryderman, vehicle body raisers; W. Rath, smutmills; T. M. Ramsay, adjustable or removable driver's seat; J. L. Taylon, combined scoop and weighing apparatus; A. Rawson Leitch and T. A. Drummond, automatic weighing apparatus; J. E. W. Currier, purses; P. J. tus; J. E. W. Currier, purses; Fortin, thermostatic alarms: C L. Bustin and J. White, couch exhibitors ; F. H.Stuart, fare-boxes. American patents.-W. W. Bare, type-writer carriage operating mechanism; P Dansereau, axle-nut; A. R. Leitch and T..A. Drummond, automatic weighing apparatus; W. A. Milne, composite peat block; W. S. Pugsley, wirefence machine; C. E. Stevenson and R. Watson, hoisting apparatus; F. T. Wilkes, saw-mill $\log$ turner; E. F. Wilson, game apparatus; B. O. Beland, peg-strip leather joint.
Owen N. Evans, solicitor of patents and expert, Temple Building, reports the following patents granted to Canadians last week-United States.-Burner, Fred. F.
Dow; target for minature ranges, Frederck M. Gaudet; car-brake, Thomas E. ick M. Gaudet; car-brake, Thomas E.
MeCollum; transformer, Roy R. Wiley;

THE CLOTHING COMPANY, LTD.
The above title indicates a firm of cloth ing manufacturers in England which, it is pretty well conceded throughout Great Britain, has the manufacture of clothing brought to the most scientific principle compatible with the workings of the z0th century. This firm of clothiers is desirous of extending their trade in the Dominion of Canada, knowing full weil that tue same measure of succeess which they have achieved in other portions of the British Empire will be their experience here in Canada once their goods are given the test of enduring appearance by which all clothing is best judged.
Why, it might be asked, can any indifidual firm in the clothing trade in any part of the world excel beyond their fellow tradesmen and manufacturers in giving better value for the same money, or otherwise so pleasing their distant customers that their name and their goods will be assured greater recognition and be given the preference in trading to a sufficient extent as to prove them really worthy? In reply we can say of the success of The Clothing Company, Limited, of 47 to 53 Moor Tane, London, E.C., England, that in the first place theyr

## H. J. CHAPMAN \& CO.

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


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## NEW STYLES AND SHAPES IN

 Gent's Best and Medium Class Footwear.Best Materials and Workmanship. Goodyear Welted, Standard Screwed, Stitched, and Machine Sewn.
siecialiles:

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Samples sent on receipt of P.O.

G. H. Abrahamb.

GAPE TRADE SPEGIALLY GATERED FOR. HAND WELTED aspecialty. WHOLESALE ONLY.
possess all the requirements which must for less than first cost, and just here where capital and brains work so smoothof necessity go toward the successful is where success means greater and great- ly together.
achievement mentioned. These require- er success, tact and market added. With Any merchant who has been in busiments consist chiefly of capital, market a large and expanding market, or ex- nes for even a single year, be his trade and ability. With the necessary capital tended trade, such as is possessed by The large or small, will recall instances with-

the raw materials for the manufacture Clcthing Company, Ltd., goods can be in that brief time where "ready cash" of clothing can be purchased at the clos- bcught in such quantities as to greatly would have saved him many dollars, or est margin of profit over and above the aid in their being secured at the lowest made them for him, which is the same cost of wool and weaving, occasionally possible cost. Right here we might cite thing. The man with ready cash need ready cash will purchase vast quantities everyday experience to more clearly show not go around seeking bargains. No.

# C. \& E. IIENTIS, NORTHAMPTON, 

## ENGLAND.

Manufacturers of the Finest High Grade

## MEN'S BOOTS and SHOES,

Equal to any made in America, for the Oanadian Market, $331 / 3$ p.o., oheaper, under the New Preferential Tariff, F.O.B., London or Liverpool. Send for our New List.

Cute will be inserted as soon ss received.)

The bargains go around seeking the man. Since the inception of this large busi- While this may seem a digression, an The man can stay at his desk, or his ness, the greatest care of its managers article on the clothing trade must of necounter, study out idens at his leisure, the been bent in the direction of giv- cessity branch out and show fróm every while the man with too much goods and ing the very best valut to all customers," peint just how and where success may be not enough money is compelled to do the thereby gradually and surely building met, may be taken up, and may be cartravelling around. This but instances up a name as well as a trade, which ried to full achievement. This has been every day the hard fact that money and would but grow stronger and stronger the experience of The Clothing Company, brains work in greatest harmony, and with the lapse of years. Many have start- Ltd., of London, Eng., and what has been the man possessed of the first can gen- ed out with just such an aim and just and is their success will be the success of erally give a good account of the other; such a resolve; but alas for growing ne- those who purchase from them, provided if for no other reason than that he can cessity for ample capital, and the great they adhere to business principles with take his time and make a good job of it. liability of change in opinion which is like assiduity.


Ability-natural ability-is of necessity in the successful management of a lorge manufacturing clothing business; and that ability of the highest or ler marks the management of The Clothing Company, Ltd., has already been as amply proven by the great strides of the business itself as that the other two 'mportant qualities work with it hand in hand.
 In brief, The Clothing Company, Ltd.
so largely governed by the doings of of London, Eng., are proven to be in a others, the greater number have fallen position to sell best clothing at the very into the wide groove which will always lowest possible cost; they are most deadmit of one firm pulling along with an- sirous of proving this to the Canadian other, but from where nowe can really trade, more particularly now that the excel. Above and beyond this the famous Canadian duty is reduced $331-3$ per cent. Clothing Company, Limited, have had is favor of English goods. Write the firm smooth sailing and by unwavering ad- for catalogue and price list.
herence to first principles have kept the
rad clear from the start.

Address: The Clothing Company, I.td.
47. Moor Lane, London, E.C., England,

## "MADE

A gay sce lative Cham ing $⿻$ i, Torontc tesy of the been throwr tering a re gater from $t$ tres of Cane some! y deco with the cos attractive EC th:e зqailabl House, while in the gaile Hon. J. M.
Shortly took the ei


For the Colonies.

In order to cope with our greatly increased trade we have had to again extend our Premises.

# Cmadian Byyis 

Ought to know the keen value we can give them.

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Osbourne Street, COLCHESTER.
Mile-End Road, LONDON.
Cambridge Road, LONDON.
"MADE IN CANADA," DIVERGENT VIEWS.

A gay scene was presented in the Legis lative Chamber in the Parliament Buildings, Toronto, rec̣ently, which, by the courtesy of the Provincial Government, had been thrown open for the purpose of tendering a reception to the visiting delezates from the various marufacturing centres of Canada. The chamber was handsome! $y$ decorated with flags, and these, with the costumes of the ladies, made an attractive prene. The visitors occupied all the swailable seats on the floor of the House, while a number of spectators were in the gaileries, among the latter being Ion. J. M. Gibson
Shortly after 8.30 Mr . J. P. Murray took the chair, and delivered his address
of welcome. For the first time in three conventions which had been held in Toyears, he said, Toronto was the scene of ronto none was more important than that the convention. In the three years just of the manufacturers, because all were passed Montreal, Halifax, Quebec, Brant- vitally interested in the development of ford and Hamilton had all entertained the the country, and there was no surer way numbers with magnificent hospitality. Mr. to further that development than to enMurray hoped that the stay of the dele- courage the increase of manufactures. Congates in Tornnto would be both pleasant troller Oliver said he was a thorough beand $\mathrm{r}^{2}$ ofitable. Speaking of the purposes liever in the policy of Canada for the and aims of the meeting. Mr. Murray Canadians, and one of the most gratifysaid t):at constant efforts were being put ing features of the Dominion Fair was the fortl to hiclp Canada take its place among frequency with which the motto, "Madethe foremost mations of the world. The in-Canada," was displayed.
presence of Hcn. Thomas Brassey led Mr. Or National Significance.-Premier Ross, Nurray to expecss the hope that when Im- who was next called upon by Chairman perial icderation was consummated there Murray, humoróusly congratulated the dewould be established an Imperial Manufac- legates on the fact thar they had so turers' Association. Mr. Murray then easily, cheaply and comfortably installed called upon Acting Mayor Oliver to wel themselves in the legislative chairs of come the delegates on behalf of the city. the province, for he knew by experience Controller Oliver said that of the many that it was only after much tribulation

## BOOTH \& CO.

Wholesale and Export Boot Manufacturers,

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The finest High Class Boots and Shoes, for Canadian Market, $33 \frac{1}{\mathrm{~b}}$ p.c, in their favour.

Hen ordinary aspirant attained a seat '1wenty or thirty years ago, said Mr. stead of making the finished product in the chamber Res, a feeling of hostility had existed here. The day for that had passed, and
 The l'remier said he looked upon such
 no! only industrial but national signi- considered that it alone was entitled dustries and the wealth of Cather conviction ficance. The efforts of such bodies to tariff benefits. This feeling, however, Nothing but the Best.- One which had been impressed upon the obcommanded the approbation of Cana- had passed away, and now there was server at Toronto Exhilbition was that diaus. for what helped one portion of no rivalry between the farmer and if Canadian manufacturers wanted to hold the Dominion helped all portions. In- manufacturer or artisan. Each should if Canadian manufacturers wand ap a foreign dustrially commercially or politically, so arrarge and adjust his affairs as to their home market or build up a foreign the people of Canada were one, and the contribute to the welfare and prosperi- one, they must put no product but room deliberations of the association could ty of all. Canada had too long been best on the market. There was no riactures. not fail to contribute the nation. its raw material out of the country in- There was enough skill, enterprise and

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MANUFACTURERS
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# BOOTS AND SHOES <br> - MEDIUM TO BEST. <br> AMERICAN OR ENGLISH STYLES. <br> CORRESPONDENCE INVITED. 

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Latest Engilish Fittings, 8 to 6 Fittings under the New Tarifi.

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intelligence in the Canadian industrial development of the colonies. Mr. Bras- only articles of commerce; they manufac field to attain the same beauty and ef- sey's grandfather having ussisted in the tured Canadian pride, Canadian enthuficiency as were to be found in the pro- building of the Grand Trunk Railway, siasm, and a spirit of independence. The ducts of other countries. The Premier whil: his father had been Governor of "Made-in-Canada" idea was being imsaid he did not want to see Canadians Australia. The Premier hoped that Mr. pressed on the people of the Dominion take a back seat in any pursuit, so Prassey would carry back to England through the medium of such Fairs as that when he saw the label "Made-in Can- some word of what Canada wanted to just closed at Toronto, and that being ada," he wanted to be sure that the see lrought about for the good of the held in Hamilton. The manufacturers goods were equal, if not superior, to Jimpire. John Bull undoubtedly wished would leave Toronto with a renewed detliuse made anywhere else in the world. to give Canada and the other colonies termination to build up their own localiCanadian manufacturers could secure what they desired, but he was a little ties and advance the interests of the thi: result by paying the best prices perplexed. Mr. Brassey might whis- Dominion as a whole. for the best skill, and the best raw per that Canada wanted a little prefer- An English Opinion.-Hon. Thomas A matcrials. ence, some British capital, and all While the Canadian manufacturess Great Britain's surplus population. feel that the home market was theirs The chairman next called upon Mr . by right, they must not stop even Cyrus A. Birge, of Hamilton, to reply to when they had conquered that impor- the addresses of welcome. Mr. Birge tant field. At present, outside of Great thanked the previous speakers for the Britain and the United States, only five hearty greeting they had tendered the per cent. of Canada's manufactures members. He recalled the fact that prior went to foreign countries. It only need to the meeting in Toronto three years ed capital and enterprise to send Cana- ago, it had been meeting here for 29 I:an goods wherever the products of other years, but it was considered of such ic untries now find a market. years, but it was considered of such
minor importance that sometimes it received no attention whatever from the
John Bull Perplexed.-The Premier then referred to the presence of Hon. Thomas press. Reorganization had taken place, Brassey, the scion of a noble house. The and after that the growth was wonderBrassey was well received when he came forward to address the gathering. He de clared at the outset that he intended to speak from the British view rather than the Canadian view. It was 16 years since he had become associated with Dr. Par kin in the advocacy of Imperial Federa tion. He had become convinced in the course of his travels in the various parts of the Empire of two things-first, that every part of the empire had the right of self-government, and secondly, that every part of the Empire which contri buted its fair share to the defence of Brassey, the scion of a noble house. The and after that the growth was wonder- the Rmpire had the right to a voice in Brasseys had taken a foremost part in the fully rapid. It members did not make the Government of the Bmpire.


ENGLAND.
For Dook \& Marbour Lighting, Geods Depote, Streots, Factories and Warehouses,

## GROMPTON ARC LAMPS

 ARE THE BEBT.For Strength and Durability they are Unequalled.

Numerous Designs. All Latest Improvemente.


LATEST DESICNS.


GOODYEAR KELTED AND MK.S.

He had reached the conclusion that locing made the dumping ground of the the burdens of the defence of the Em- United States and Germany. He believpire were becoming too heavy on the ed that there would be little difficulty in
taxpayers of Britain. There had been taxpayers of Britain. There had been carrying out the policy of retaliation, an enormous increase lately in the but when they came to proferential tariff naval strength of Germany, France, the they were on more difflcult ground. It United States, and other countries. Brit- was idle to discuss a preferential tariff ain was able to cope with any one of unles the Old Country stood prepared these countries, but had to provide to put a tax on foreign wheat. Hon. against the possibility of having to Mr. Chamberlain was willing to do this, meet two of them nt one time. This but he was not willing to do so if it inwas a great burden on the people of volved an increase in the cost of living. Britain, and the time might come when He claimed that such a policy would not they would be unable to meet the de- mean advance in the cost of living, as mands made upon them. The estntes this could be obviated by substitating duties which had been imposed for de- duties on articles which they did not feisive purposes had proved so oppres- produce and giving the preference to sive that many people had been virtn- goods coming from the colonies. ally taxed out of their homes. The effect of such a policy, he beThe command of the sea, if not as un- lieved, would be to send the surplus cessury to this country as Great Britain, population of the Old Land to Canada was at any rate a benefit to Canata, and other British colonies instead of Unless the grain and other products of to the United States and other comnthis country were assured a safe passage tries, as in the past. He would like to across the ocean, the prosperity of Can ask what would have been the effect adr would be seriously interfered with. if such a policy had been instituted Le did not expect the colonies to contri- twenty years ngo. Canada, he felt conbinte to the defence of the Empire until vinced, would now have had a population the Mother Country stoud prepared to of $20,000,000$.
give theu a voice in the affairs of the Must Buy British Goods.-Turning to Empire. He felt now that the Imperinl the other side of the shield, what were Parliament was handicapped by having the colonies going to give to Britain in tro much to do. When it was called upon return for the taxes imposed upon the to vote e $85,000,000$ in two hours some fondstuffs of the Mother Country To idea of the troubles which confronted it this two answers could be given. First. could be had. It must be freed from the it was the duty of the colonies to partienres of local, or what would be termed cipate in the defence of the Empire. It here provincial business.
the colonies did this, the preference was
Imperial Federation was a movement effective, it seemed to him that it would which could not be forced. Each part not matter whether the manufacturing of the Empire had its own work to lo. industries were situated at Manchester Preference is Desirable.-Reverting to or in Toronto or Montreal. In the second preferential trade, Mr. Brassey snid that phace, the colonies should stand prepared it must be regarded from two aspects. to give an effective preference to the In the first place there was the question products of the Motherland. If it was of retaliation. It was felt that some the object of the manufacturers here to steps should be taken to prevent Britain supply the Canadian market, by propa-
gating the "Made-in-Canada" cry, and if it was the desire of the Dominion Govern-
ment to carry out this policy, there would be no justification for a preferential tariff. In return for a preference to the agricultural products of the colonies, the colonies would be expected to take the products of the British manufacturer. The imports of eighteen millions sterling to Canada, for instnnce, was not a figure in a total of say, three hundred and fifty millinns sterling. One object of such a preference would be to obtain a market for Briticl manufactured products. The sointion of the matter, he felt, would be by mutual concession, and by the interchange of opinions.
Mr. Brassey said that nothing had struck him more while in Canada than the coritiality of the sentiment expressed in all hands towards the Mother Country. He recognized, however, that sentiment was not everything. There was in the North-West a large number of people not of British origin. Many farmers in the North-West and Mani. toba were satisfled with existing conditions, but there was no reason why they should be loyal to Imperial insti tutions. They should be made to renlize the material advantages enjoyed under the British flag. Imperial Federation, he declared, in closing, was a splendid policy. but it could only be brought about by an free interchange of opinions between the component parts of the Empire.
the alaskan boundary case.
Owing to the widespread interest which has been awakened in the Alaskan case now being heard by the Arbitration Tribunal in London, we publish herewith a summary of the first day's proceedings.

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Sir Roert Finlay, who rupresented Canada at the frat mating of the Alaska Boundary Commission, held to-day, scored a decided point for Canada when he quoted from the report of Mendenhall, chief of the United 'Staten coast survey, that he understood the word "const" to mean the "general trend of the coast." The sitting of the tribunal took place at the Foreign Office, in Downing street. The commiselonets sit in the large room in which deputations are received by members of the Government. The commissioners and the counsel for both countries were all present. The Attorney-General, Sir Robert B. Finlay, proceeded to open the case for Great Britain and Canada by describing the territory in dispute as being chiefly of value to Canada as affording an access from the coast to the Yukon territory. He went on to say that the question of the boundary in the north had been in dispute ever since the year 1872, and that for more than thirty years it had been the subject of difference recurring periodically between the two Governments though out $\mathrm{k}+\mathrm{tle}$ was known to the outside world up to 1898. The dispute had been confined to State papers.
In thet year the discovery of gold in the Yukon made it a subject of active concern. He alluded to the joint survey of 1895 and the negotiations of the Joint High Commission in 1808, which unfortunately bore no fruit. Coming to

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the treaty of 1903，he said the tribunal was organized under this treaty to inter－ pret the treaty of 1825 ．It can only answer questions，and has no power 1 ． draw the boundary line between the two countries．Referring to the lact para－ graph of article 3 of the treaty of 1903． he argued that under it the tribumal eoulth take cognizance only of acts it the Governments rolleerned，not as indi－ viduals，and that only such actions could be considered as implied an agrew ment of view between the two Govern． ments．An action outside the treaty could only be relevant so far as it showed the united action of both partioc The Attorney－Generat ond puection pro posed by the tribumnl．
Regarding the first he said there coutd be no discussion．The serond，also，wak a simple question of identity．Whint channelodid the negotiators mean by ＂Portland Channel＂？He said it was undoubtedly that passing to the north of Wales and Pearse Istands．The thiril question answered itself．You had the two points，and must join them by a straight line．The same answer might be given to the fourth question．
Regarding the fffth gluestion，he nsked the tribunal to return a simple negation
The sixth question he asked should bo answered to the effect that where deep inleta occutr．the menatremement shomld he from the line of the general direction of the mainland at the const，and that whe． ther the heads of the iniets should be long to the United States or to Canada woult depend upon the situation of the mountains．which are the cardinal fea－ ture of this treaty
Regarding the spyenth gureation，he asked the tribunat to decide that the mountnins do exist，and that the line of their sum－ mits is that delineated by Mr．King，the Canadian expert．
He then indtented the order in when he proposed to deal with the case as follows：－First．the terms of the trenty of 1825

Second，to give a general view of nego tiations which led to the treaty of 1825 ． Third，to deal with the questions put to the tribunal．which fall into two groups －the first four and last three
He then read and commented on the treaty of 1825 ，pointing out that the lati－ tude and longitude of the southernmost point of Wales Island were given merely for identification，and that the point it－ self was the commencement，no matter what its latitude was．He then said，＂Le long de la parse dite Portland Channel dil not necessarily mean through the mid－ dle of the channel．
He argued that throughout the negotia－ tiens the southern boundary contended for b．Russia touches upon ohe meaning of the pronoun＂elle．＂which，however
said，was of little practical utility．
Passing to the treaty，he contended that the basis of the treaty is the exist． ence of mountains．The contingent por－ tion of the fourth article does not contra－ vene this，for it supposes mountains， though in many pheces they may recede more than ten leagloes from the const． Coming to the meaning of the word ＂coast．＂he quoted Mendonhall ehiof the United States coast survey，to show that he underatood the word to mean the ＂general trend of the const．＂
Here Senntor Turner enquired if＂gen eral trend of the coast＂and＂trend of the general consts＂are not different in meaning．and intimating that Mendelhall did not use the latter phrase，which alone conveyed the British meaning．
The Attorney－General saw no incompati－ bility hetween the two expressions，and quoted Mendenhall further in support ot his view．He dwelt on the words of thè treaty that the line was never to exceed ten lengues，and he showed that distance． He next commented upon the Uniteni States＇contention that there were no mountains within ten lengues，and show－ id that for long stretches there were undoubtedly mountains．He then cited the St．Elias and the Alpw as hugh phy－ sical facts．

Sir Robert said that as a French King nice said，there are no more Pyrenees － the United States propose to eliminntr foum Nature the St．Elias and the Alps Ayain he showed that mountains exis ten or twelve miles back of Dyea，where as the United States＇claim ignores them nttogether，and runs the line 35 miltes bnck from the head of Lynn canal．In this way they seek to acquire an addi－ ional 10.000 square miles，to which they annot possibly have any claim
He then took up the negotiations o 1823 and 1825，and showed that when these negotiations were in progress the proties must have been familiar with ancouver＇s narrative，and was proceel－ ing critically to examine the negotiations in support of the claim of Great Britain when the court rose for lunch．
After recess，in taking up the negotia－ ions which led to the treaty of 1825，

Attorney－General sald that before analysing them in detail it would be vell frist to take a connected view of them as a whole．He thought that they fiould be divided into five stages．First－ －From September to November，1822， egotiations between the Duke of Wel－ ington and Count Nerschode at Verona． scondly－From 1823，negotiations be－ 1 ween Sir Charles Bagot and Nerschode St．Petershurg．Thirdly－From Feb． ruary to March，1824．being the negotia－ tions between Sir Charles Bagot，Ner－ chode and Peletica，wherein Bagot re－ fused to agree to the line 55 as the sonth－ arn boundary，and pressed for a more ad vantageous boundary for Great Britain． Fourthly－From July to September，1824． when George Oanning instruicted Bagot to accept the line 55．Bagot did so，but failed in other points and quitted St． Dettersburg．Fifthly－Trom December 1824．to February，1825，when Canning＇s negotiations resulted in the treaty
Regarding the first negotiations，Sir nobert＇twett particutarly upon the letter from Baron Tuyll，the Russlan negotia tor，to Nerschode，in which Tuyll mug． gested a line from the southernmost point
of Prince tory Inlet， cognized from the P The Briti canal，whic ed States＇ which，tho did not give ceeding，too was dealing fied instruct the hour of commissione
＂Canada ed possibi waiter who
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[^3] tory Inlet, as proving they knew and re than many Eastern Canadlans have from the foothills of the Rockies, and cognized Observatory Inlet as distinct gucssed. Much has of late been written comprising a territory about equal in size from the Portland canal. concerning the development of Mani- to the fertile district of Northern Al
The British claim is for the Portland toba, the great wheat fields of Assini- berta. Little has been told of this vast canal, which the treaty names the Unit- boia, the cattle ranges of Alberta and domain, writes a Mail correspondent, so ed States' claims for Observatory Inlet, the marvellous riches of the Edmonton soon to be tapped by mailways and which, though the negotiators knew, they district; but these districts, great as brought within the scope of active colo did not give. The Attorney-General, pro- they are, do not comprise the entire nization. In it are great areas of magniceeding, took up the argument point, and western estate of the Dominion. Other ficent soil, broad reaches of grassy plain was dealing with George Canning's modi- portions there be whose possibilities have long stretches of water communication fied instructions of 12 th July, 1824, when not yet even been discussed, and which Its agricultural resources have been al the hour of four was reached, and the will within a few years be contributing most a closed book to the enquirer commissioned adjourned till to-morrow. their quota of wealth in minerals, fish- whose sole idea has been that it was too eries and timber to the resources of the far north for profitable enterprise. Yet country; but there is one stretch of ter- the fact is that the Peace River district ritory which more than any other pre- and the country surrounding it will one sents visible attractions to the settler by day rank as the greatest mixed-farming reason of its arable qualities, its capaibili- country in America, while, as a stock"Canada is a country of undiscover- ties for stock-raising, and its openings raising country it has been described ed possibilities," said a well-known for proftable trade. That is the western by experts as the finest on the con writer who recently visited the North- half of the district of Athebasca, a coun- tient.

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Heturn of Bank of British North America. Amount under heading "Other sesets not included under foregoing heade," includee bullion.


This valuable territory has two great Northern Albenta. This territory, com- It may not be generally rememberneeds, the lack of which is already prising 40,000 square miles, consists of ed that the wheat which took first militating against its advancement, timber, prairie, and a due allowance of prize in its class at the World's Fair namely, the establishment of a civil muskeg. The prevailing timber supply was grown on the Peace River, about judiciary and an adequate survey of at is of spruce, tamarac and poplar, and 300 miles north of Edmonton, and the least those portions of it which have is valuable for local use in building writer saw this summer samples from already been partially settled. A short and construction work. The soil is si- a erop of 2,500 bushels, grown in the description of the district and its pre- milar to that of Northern Alberta, be- same locality as last season, which gradsent conditions will made this clear. ing a black loam with clay subsoil, and ed No. 1 hard.
The district of Athabasca, from the exceedingly prolific. The climate, for The grasses of the district are un$120 t h$ meridian of longitude (which is cultivation purposes, is as early as that questionably the finest for ranching its western boundary), to a point 200 of the district to the south, and in the purposes on the continent, the prevailmiles eastward, and running north be- Peace River country is earlier than that ing species being blue joint, pea vine, yond the bend of the Peace River, to of Edmonton. The chief products of red top and wild timothy. Cattle in a point 200 miles from its southern the soil are barley, oats and spring this region, especially in the Grand boundary, is adaptable for mixed farm- wheat, and it has been demonstrated Prairie and Peace River sections, do ing and ranching, being similar in char- that this district can grow as fine vege- not need to be sheltered in winter, acter to the Edmonton district of tables as any portion of North America. though they require feed to some ex-

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tent. Horses do not even require win Alexander Mackenzie 130 years ago, plete electric plant, and cost $\$ 40,000$ to ter feed unless they are being worked. about 200 people are settled, and here instal. One mill is at Peace River The Hudson's Bay Company traders also a much-valued postal service has Crossing and another at Lesser Slave have raised horses there for many been established. On Spirit River, fif- Lake. There are six saw mills at years succeaflly without winter feed- teen miles south of the fire town-site of various points in the district. The ing. this condition being due to the Dunvegan, is a settlement of about 100 cattle industry is already represented prevalence of chinook winds. An in- souks. At Vermillion there are 400 set- by 3,000 head, and there are more than teresting fact concerning this country, tlers, while at Grand Prairie, Saska- that number of horses in the same terfrom a rancher's point of view, is that toon Lake and other poiints, population ritory. Steamboat navigation is inthe round-up takes place on the snow- has begun to concentrate into com- creasing on the rivers of the country crust in the month of March. murities. Taken altogether, the popu- one being in operation from Vermillion The number of settlements already lation of Athabasca at the last cenaus Chutes to Hudson's Hope, a distance of established in Athabasca is certainly was in the neighborhood of 6,000 , of 600 miles, while other boats ply from outsurprising. At the end of Lesser Slave whom about half are entitled to the side points and carry the export and imLake there is to-day a village of 600 franchise and have so far been denied port freights of the inhnobitants. people whose occupations are trading, it by the lack of organization. With such beginning as these, it will fishing and cultivating the soil. A The industries of Athabasca consist not be long before the commerce of Atha-post-office was established there by Sir of agriculture, fur trading, lumber and basca will be a factor in the development William Mulock last May, and a fishing. The extent of the agricul- of the farther West. Especially in view monthly mail is now received by the tural industry is indicated by the fact of the railway construction soon to be route via Athabasca Landing. that there are in the district at least instituted there, it is necessary to pro At Peace River crossing, the site of five good flour mills. Three are at vide for an increased and active populaolà Fort MacLeod, established by Sir Vermillion, one of which has a com- tion. The proposed trans-continental rail-

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way is projected to touch the Peace River is unade. Even civil justice, if instituted, would suffice, and it could be quickly at Dunvegan, and with the impetus that will thus be given to local trade, a large influx of settlers may be expected to commence next spring. If complications are to be avoided, the Dominion Government must furnish facilities for civil justice, and at least local surveys where settlements are springing up. At present there are at Spirit River, Grand Prairie, and Vermillion at least 250 settlers holding land to which they cannot procure titles. These people are improving their properties, fencing, building houses and barns, buying implements, and bringing in stock. Some of them are half-breeds, who were promised on treaty that they would be furnished with titles to their lands. At Lesser Slave Lake a partial survey has been made, but in the other districts mentioned nothing has yet been done. The settlers are naturally anxious to have their ownership of their farms confirmed, and improvements which would otherwise have been proceeded with are being delayed by reason of the uncertainty which prop have squatted side by side are even nuw quarrelling over their boundaries,
which cannot be defined until a survey
would be greatly handicapped without and easily accomplished. a survey as the basis of property hold- The present settlers in the district of ings.
As has been said, a rush of settlement A this territory is assured in connection with the construction of new railways, for Athabasca will be a valuable source of supply in beef, pork, feed, and flour When active building is commenced. This settlement would have begun already if there was a survey of the country on record, but settlers are unwilling to locate in unsurveyed territory and are waiting for some action by the Government in this matter. It is also apparent that the longer the district is left unsurveyed the harder it will be vo satisfactorily adjust the boundaries of the squatter already on the land, and unless the work is done by next spring at latest the complications will be rapidly multiplied.
From information available it would seem that a survey is primarily needed at Grand Prairie, Spirit River, Peace River crossing, and at Vermillian, but more particularly at the first two nam-

Athabasca have displayed commendable energy in opening upithe country and facilitating the conduct of business. Without any assistance from the Gavernment they have cut fut and built about two hundred miles of waggon and sleigh roads, and have constructed a large number of small but substantial bridges. They have proved themselves a law-aibiding and enterprising people, whose faith in their district is great, and who possess the capacity to open up a new and valuable field for Canadian energy and Canadian trade. Both courage and fortitude have been required to accomplish what has been done, for it has been their task to prove by experience the wealth and possibilities of a new Canadian province. They have, indeed, been pioneers of industry, and they well deserve the assistance which they ask, and which even the general public interest demands. There is room in Athalbasca for immense herds is room in Athabasca for immense herds of Grand Prairie. upon the rich grasses successful and valuable horse-raising in dustry. There is room for a farming

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community incoming tl the work are to-day whioh has needed, and district shol such surve the validity ment to g for instanc to the peop has to distance, dispute aro steer at Le contentious without re sult was t] distance each way. of the stee tor in the while the this case it none the

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community whose produce will feed the ample of the difficult conditions which at known to be should be granted at the incoming thousands and greatly facilitate present prevail in the territory. At the earliest possible moment those instituthe work of railway construction. There same time it may be again pointed out tions and facilities which are so albsoluteare to-day hundreds waiting and ready to that the establishment of a civil judi- ly necessary to its progress as a commutake part in the labor of development ciary will be of comparatively little use nity and to the peace and prosperity of which has already been begun. What is without a survey, as the most pregnant its increasing population. needed, and all that is asked, is that the source of future trouble lies in the condistrict should be properly organized and stantly increasing danger of boundary such surveys completed as will ensure and land disputes between the settlers. the validity of titles and permit settle- Another phase of the situation is that ment to go in.
this increasing population is at pre-

## IRISH CARPET WEAVERS.

The lack of a system of civil justice, sent without representation in any The briliant rugs and carpets woven for instance, is a great inconvenience Legislature in the Dominion. Few of by the deft fingers of women and girls to the people. If a writ is desired, it the territorial electoral districts now in remote Persian villages after a mehas to be procured from Edmonton, a represented at Regina possess an equal thod of old Babylon, have always been distance, in some cases, of about four number of eligible voters to those re- highly valued by those whose wealth hundred miles. As late as last July a sident in Athabasca, while fewer still enables them to gratify their taste for dispute arose over the possession of a have such commercial strength. It would rare and beautiful things.
steer at Lesser Slave Lake, which the seem that some provision should be made Away in the wild mountain passes of contentious claimants could not settle for the representation of this district Donegal are Irish peasant girls who, without recourse to law; and the re- either by itself or as a portion of some with fingers as deft as those of their sult was that six witnesses had to be adjacent constituency. eastern sisters and an eye for color conveyed from the Lake to Edmonton, The problem of Canadian develop- even truer and more artistic, are able a distance of about three hundred miles ment is pressing upon the people of the to produce on the self-same kind of each way. Needless to say, the value Dominion to-day as it never has before. loom as used in Persia rainbow-tinted of the steer soon became a minor fac- Inequalities and even injustices under pre- rugs and carpets which rival, if they tor in the progress of the aotion; and sent conditions there are bound to be. do not surpass, in color and design the while the wisdom of the disputants in It cannot, however, be denied that a products of the Oriental looms.
this case may properly be questioned, country so vast, so fertile and so progres- Scattered thickly over these mountain it none the less affords a striking ex- sive as the district of Athabasca is now wilds are the humble homes of a race

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alities are also accurately reproduced. In every instance the utmost care and attention are paid to every detail of dress characteristic of the individual of type of individual which it is sought to represent.
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Lady Dudley has paid a visit to the Dublin depot. Her Excellency displayed the keenest interest in all the details of manufacture, and manifested her appreciation of the new industry by giving preciation of the new industry by giving
specially modelled according to her di- are found here. In this country, says a rections. It is hoped that Queen Alex- New York letter, fresh water pearls andra, who has always given her hearty are generally found in bivalve shells of support to Irish industries, will buy the family unionidae, also known as the Erin dolls.

## SUPPLY OF PEARLS SHORT

value represent the destruction of thourest alue. The losks are covered by thin, delicate or by rom equal fact that the supply is far surface and particularly from the outer and arg largely caused by the form the inner layers of the shell. arls hermerly marine Whenever, by accidental injury, disease available supply, but these fisheries have irritation is set up in these tissues the gradually fallen off until now they pro- effect is to produce an increased secreduce only about three-fifths of the year- tion of the nacreous matter at this ly yield, the rest being made up of fresh point, resulting in the formation of water pearls, considerable part of which pearls or pearly concretions. naiades. The mussels are most abunnant in swift and elear water, wh dant in swift and clear water, where the bottom is sandy or gravelly and the country rock calcareous. The pearls found are few, and those of market
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Pearls are of several distinct kinds, and pink pearls are more lustrous than differing in shape and perhaps in origin. even the best oriental pearls. "Free" pearls, those that are found Many oddly shaped pearls are found. loose and separate between the folds or Elongated fishlike forms found near the layers of the mantle and gills, or be- hinge of the shell and called "Hinge tween the latter and the body of the mol- baroque pearls" are abundant. Others, lusk, comprise more of the true spherical with a slight addition of gold and nacre, en mamel, may be made to represent hu- the same making pearls of them, at pear-shaped and irregular. Then there nion and animal heads, bat and bird shape same time retaining the animal's are the pearls found between the mantle and the valves of the shell; these, if free at all, are apt to be hemispherical, or in any case flattened on the side toward the shell, while often they are httached more or less to the valve by a deposit of the pearly secretion. In the region of the hinge these become extremely irregular in shape and often greatly elongated, forming a third kind, known as hinge pearls, baroques, ete.

The freshwater pearls differ from the marine pearls in their greater variety of tints and in the partial transparency of their nacre. In color the fresh water pearls present an extended series of shades, from dead opaque white, having little value, through tints of pink. yellow and salmon, or a faint purple, passing to a bright red, so closely resembling a drop of molten copper as almost to deceive the eye. Some are very light green and brown, others rose color and still others are pale steel blue, russet and purplish brown. In addition to their color and lustre, they are beautifully iridescent, and at times the white


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Frequer pearance on the $r$ found to outer lay them in dissolves be peeled though $t$ the pearl throughor being pee.

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the fact the fact that ere tures gat. pearls to of pearls hearths These are have been sacrificial sacrinicia be gathe pearls wh vears of s approach one of the

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#### Abstract

Frequently pearls have an opaque ap- the mound builders used the mussels for where and destroyed, generally with pearance and seem to be worthless, but food, and thus naturally accumulated little or no result. One pearl, a large on the removal of their outer layer are large numbers of pearts, which were prob- round one, weighing over 400 grains. found to be clear and iridescent. The ably used for ornaments. was the greatest find, but it was ruined outer layer may be removed by dipping The Spanish explorers who accompanied by boiling to open the shell. During them in a weak solution of acid, which $D e S o t o$ in his memorable expedition this excitement nearly $\$ 15,000$ worth of dissolves the opaque covering, or it may from Florida to the Mississippi in pearls came to New York from nearly be peeled with a knife, like an onion, al 1540, give many remarkable acoounts every state in the union. The excitement though this is hazardous, as sometimes of the pearls seen and procured from gradually died away, owing mainly to the pearl is not of the same material the natives with whom they came in the civil war, but it was somewhat rethroughout and cannot be restored after contact in their extensive wanderings vived in 1868, when many fine pearls being peeled.

Examinations which have been made English colonists made reference to a of some of the mounds of the Mississip- similar kind in their accounts of the pi valley, particularly in the Miami and more northern tribes. As these earlier Scotio valley in Ohio, have revealed settlers were kept quite busy with more the fact that the long forgotten race pressing matters, little attention was that erected those remarkable struc- paid to the search for pearls until about tures gathered and used the freshwater forty-three years ago. In 1847 a pearl pearls to an astonishing extent. Bushels of fine lustre, weighing ninety-three of pearls have been found on the grains, wes found at Notch Brook, near hearths of some of these Ohio mounds. Paterson, N. J. It subsequently beThese are, of course, worthless, as they came known as the "Queen Pearl," and have been damaged and half decomposed was sold to the Empress Eugenie of by centuries of burial and by the heat of sacrificial fires. An idee of the quantity found in certain of these mounds may be gathered from the pearls which have been found in recent tent, not alone in New Jersey, but years of search and excitement would not for pearls was prosecuted with ardo approach in numbers those found in any in all favorable spots. Millions of unios fruit to grow and pack.


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mental stations were shown, and these r sult - of the work of the expert employ ive and interesting.
Tho aim of thim "xhibitit says a 11
fort Tombto rapurt. was to instrum
the formers and froit-growers megarding
the varietiow which are profitable to cha
that are not desirable.
In inatumating and carrying on this useful work the great principle of the responsibility of the state taking up "xperimental work and atecertaiming -tw recognized. The work of the experimental stations has demonstrated that va rieties of fruit which are successful in one diatrict are comparative failures in thers.
Moncy Value to the Farmer.-There is another thing that illustrates the value and importance of such an exhibit, in that it not only shows the varieties whicli -llecced best in given districts, but its gratest money value to the farmer and frnit- grower is in the object-lesson it affords him, by showing him what varieties to avoid. By this means of informition he is not only saved the loss of determine the fact for himself, but he is cmabled by the substitution of suitable varieties to convert what would otherwise be a loss into a profit.
The variety and character of the fruit shown from the Goverument experimenta stations cannot but surprise the visitor, tor there are many in our own country "ho do not realize the extent and development of fruit cultivation in this Province An insprection of the Ontarin Government exhibit is an education in that respect, while it also enables the visitor to appreciate the great commercial possibilities in fruit culture. The exhibit this year is probably the largest and finest ever attempted by the Government, and good taste and judgment have been shown in the arrangement of the various fruits displayed. Three large tables occupying a prominent place in the Fruit building contain the different varieties of fruits grown. There are at present twelve fruit stations, covering the Province from the
extreme east to west, and from the south station, near Winona, illustrates what as far north as Algoma. It is understood that section of the country can do in the that it is the intention of the Govern- way of growing grapes. The east central ment to establish a station at some point station at Whitby had a display of pears, new Ontario. plums and apples, showing the adaptability Displays from the Stations.-The south- of the soil there for the profitable grow ristern station at Leamington sent in a ing of these fruits.
very fine exhibit of peaches this year, the Demonstration of Fruit-packing.-The Crawford, Fitrgerald and Champion varic- Dominion Government's demons.T̂athons of di-play and the peach crop has success, both as an attraction and as an and both abundant and excellent. The educator. Not only farmers and fruit Trentom station, on the Bay of Quinte, grewers, but a great number of persons "oll illustrated what a splendid apple not associated with the trade, save a colantry there is in that district. Net consumers, have been interested and inshly wowe but all the standard varieties structed by the demonstrations. The idea alown, but also a great many of the of holding them was conceived by Mr. W newer varieties, which, while not yet A. McKinnon, chief of the fruit section ot -1) "ell known to growers, are like'y the Department of Agriculture. He has to be useful and valuable. In the had in charge Mr. A. McNeill, chief in exhibit from the St. Lawrence station, spector, and Mr. A. Gifford, also an below Brockville, some of the hardier inspector.
som the work consisted in packing pears frocta Apples, too, come principally and apples. Two young ladies were busy amo Simcoe station at Craighurst, packing pears as they ought to be packed sian Bay. The apples from the (ieorgian for export. The packages used were half Bay station were and some hom half case. These hold two layers came from there. Apples, pears of plums of fruit. Each pear is first wrapped in in great variety were shown from the paper. They are laid in so that the level rake Huron station, while the Wentworth the edge of the box. Space inch above

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Abehlli, cens.
Otteh.
engines known as "steam farm engines," or that other engines than the one in ques. tion had superior qualities for the work demanded. Wilson vs. Union Mut. Fire Ins. Co.
A fire policy provided that any loss, in the event of a disagreement as 10 the amount thereof, should be ascertained by appraisers, the insurer and insured each selecting one, and the two electing an umpire to whom they should refer their differences. It stipulated that no action on the policy should be sustained until after compliance by the insured with such requirement. On a disagreement as to the amount of a loss, the insurer and insured each appointed an appraiser. The two failed to agree on an unpire, though the appraiser appointed by the insured submitted two names for an umpire, and the other appraiser submitted one. After that disagreement no further attempts were made to proceed with the appraisement. There was no evi dence connecting the insured with the conduct of the appraiser appointed by him. 200000 Held, that insured was not prevented from maintaining an action on the policy fo: the loss sustained. Connecticut Fire Ins. Co. of Hartford vs. Cohen.
Where the best evidence of the artiales destroyed by the fire, 500 in number is the recollection of plaintiff immediate ly after the fire, lists then made up by her are admissible, riot as evidence in themselves, but as making a record of the $0^{3} 0^{0} 0_{1}$ things in detail to which she had testi-


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MONTREAL WHOLRBALE PRIORB OURRENT THURSDAT, SEPTEMBER 24, 1908 their cost price and the length of time estimating their value at the time of the fire. Cheever vs. Scottish Union \& Nat. Ins. Co. of Edimburgh.
In the sale of fire insurance expiration register, which, without the knowledge or consent of the vendor, had been secretly inspected and partially copied by third persons, made without any representation
as to the character or quality of the register with reference to the privacy of the information imparted by it, and without any express warranty that it constituted an exclusive record of the matter it contained, the rule of caveat emptor applied: Kinkel vs. Winne \& Winne.
The owner of goods, destroyed by fire while in storage with other goods owned arecerles


 by the warehouseman, is not entitled to recover a portion of the insurance collected by the warehouseman on general policies covering all goods for which he was liable, without showing that he has not been indemnified for the loss by other insurance. Friedman vs. Woods Motor ehicle Co.

## HOW A GLOVE IS MANUFACTURED.

The principal material from which gloves and mittens are manufactured is the roans, including all kinds of
domestic sheepskins. Horse, cow, seal, hog and dog skins were also used. A horse or cow hide is generally split up the back, and it is estimated that in each hide there is 30 square feet. Mocha and imported kid are used for fine lined and unlined gloves fut men, women, and children, and the domestic kid is made into the more common varieties. The Cabretta and Brazilian sheep-skins are cut into "men's medium grade gloves fur driving, while the roans or domestic sheepskins are made into men's low grade

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MONTREAL WHOLESALE PRICES CURRENT TBUREDAY, BEPTEMBER 24, 1903.

gloves and mittens.
gloves manufactured.
The horse and cow hides and the goat and seal skins are used as substitute fer deerskins in the manufacture of men's imitation buck gloves and mittens. The manufacture of ladies fine gloves has not yet heen attempted to any considerable extent in the United States. This is due to the fact that thus far glove manu facturers here have been unable to secure the finest grade of skins.
Probably the most notable glove-making machine is the multiple needle machine, sews, two, three, four and even six rows at the same time. The automatic trimmer, which is attached to the head, or duced in 1893 , and has areatly facilitated the work. as it trims the leather much better than do shears. At various periods and in different countries the glove has been the theme for many fanciful and poetic theories. It has beon a customary offering on occasions of joy and sorrow; the pledge of friendship, of love and of safety; the symbol of hatred, defiance, humiliation and honor; the token of loyalty and the tenure by which estates have been granted or held.
The origin of the glove is unknown, and its material lastory is not aided to any extent by the history of the world itself. From all the evidence obtainable the glove probably constituted a part of man's dress from time immemorial. If recent discoveries in the geological world are to be credited, it

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formed part of the costume of the prehistoric cave-dwellers. It is supposed that the gloves of the cave-dwellers were made of roughly-dressed skins and sewed with needles made of bone, and were not of ordinary size, but reached to the elbows, thus anticipating the multibutton glove of the Victorian era. They were known to the Greeks and also to the Persians and Romans. Among the Greeks they were chiefly used by the laborers as a protection for the hands in gathering harrests. Among the Persians and Romans they were also worn as ornaments, (chiefly by the higher orders. particularly the military.
They were considered a necessary adpunct to the regalia. of royalty, and they were not generally worn by women until about the period of the Reformation. The manufacture of gloves in the United States dates from 1760 . In the early period of the industry the Indian process of tasning was exclusively used. The distinguishing feature of the process was the use of the brain of a deer, which insured a durable as well as a soft and pliable leather. The brain of a hog was subsequently tried, but it was not entirely satisfactory, as it lacked certain properties posessed by the deer brain. At the present time the sheep and lamibskins used are received in what is known as "salt pickle," which is applied to the skin after the removal of the hair
When the glovemaker gets the skins he stretches them and then shaves them down to the desired thinness, and then they go to the cutters. From the cutters' room the leather, which has assumed the shape of a glove, goes to the "silkers." who embroider the back, and then to the "makers." Some sew the fingers and put the thumbs in, while others welt or hem the gloves around the wrist, and others, called "pointers," work the ornamental dines on the back



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#### Abstract

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The "namut comfort you will get out of your neighbor "Money does not make the man," but of a single woss longing in the heart will be-"lt's a shame." And they are it will go a good way toward patching him ried one. for money. If she is wise she If you close your eyes to the benefits will see to it that her hushand is insured of accident insurance in the face of facts, against accidents and in that case of one it will not shut the eyes of other people hel longings will not be nameless. to your foolishness when the crash comes. In sections with sleepy police, or none, Silence may pass for wisdom in the preburglary insurance is a good prevention sence of the accident agent. but a good against the policy of the burglar, and an insurance policy will talk right out loud accident policy an additional evidence of and wisely when the still one is up against wisdom. a serious mishap. When you wrong yourself and your If you live on hope alone you will have amily by having no accident insurance nothing to pay the doctor with when you and meet with a serious mishap all the get all cut up. will be-"It's a shame." And they are it will go a good way toward patching him up when a trolley car collides with him.

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he knew of the accident, and the only thing he did prior to that was to go to the office of the one from whom he received the policy and tell him there had been an accident, there was no evidence to show a compliance with the policy. Rooney vs Maryland Casualty Co.

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delity \& Casualty Co. of New York vs. sory representations. Champion Ice Mfg. Counter, auditor, et al. \& Cold Storage Co. vs. American Bonding Where a bond insured an employer \& Trust Co.
against any fraudulent conduct of an em- A petition alleged a compliance with ployee, amounting to larceny or embez- all the conditions of a policy of accident zlement, in his position as bookkeeper, incurance, and the immegiate giving of or in any other position to which he might written, notice of death as required therebe called, representations by the employer by. The defendant first answered by in his application for a bond that the general denial, but afterwards filed an
largest amount of money likely to be amended answer specifically denying that largest amount of money likely to be amended answer specifically denying that
in the employee's hands would be but a insured died of an accident within the
meaning of the policy, and further stated that no immediate notice of the accident or prooß of loss was given, as alleged in the petition. Held, that defendant did not, either by its general cenial, which included a denial of the specific allegations of the complaint that notice of accident and proofs of loss were furnished or by its amended answer, denying hability for the accident, waive the defense based on the neglect to give notice of accident and proofs of loss. Dezell vs. Fidelity \& Cas ualty Co.

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The Untario Government exploration party, which was sent out early last summer to New Ontario, recently returaed. They went in advance of a survey party, who are still operating and laying out about fifty new townships. The district
explored was in the vicinity of thake thit. explored was in the vicinity of Lake Abit-
tibi, the region through which it is proposed to run the Grand Trunk Pacific. In his report, Mr. Harold Jarvis says: "Phe western portion of the area travelled is extremcly level, but nere and there are small glacial mounds of sand and gra-
vel, which will he vel, which will be of great value in roadmaking and railway building. Rolling land is characteristic of the eastern part. The whole region is interserted by numerous sma!! rivers and lakes. The rivers are short, broad, sluggish, and have low, marshy banks. The lakes are mostly very 00 miles long an wan the deep at the most. It is probable that the problem of drainage will solve itcelf when the country is cleared.

| Nange of Compatit. |  |  | Share par value. | Amount <br> pald per <br> Bhare. | $\underset{\substack{\text { Caneade } \\ \text { quotatione } \\ \text { per ctan. }}}{ }$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Eritioh American Fire and Marino.... <br> Canalla Lilto. <br> Confederation Lilio. <br> WVestern Aseuranco. <br>  | $\begin{aligned} & 15,000 \\ & 8,000 \\ & 10,000 \\ & 10,0000 \\ & 18,872 \end{aligned}$ |  | $\begin{array}{r} 350 \\ 400 \\ 100 \\ 40 \\ \hline 00 \end{array}$ | $\begin{gathered} 850 \\ 400 \\ 40 \\ 20 \\ 80 \\ 60 \end{gathered}$ | 160 $\ldots \ldots$. $\ldots \ldots$ |


| Allanco Aveur... |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Atleno..... ${ }^{\text {Brictioh }}$ |  |  | ${ }_{50} 8$ |  | ${ }_{9716}^{10}$ |  |
| Caledomian . |  |  | 90 |  | 18 | ${ }_{19}$ |
| Commerclal U. Fire, Lifo and Miarino. |  | 8it | ${ }^{95}$ |  |  | 281/6 |
| Gnardan Fire and Life.............. |  | 9 | $\begin{aligned} & 10 \\ & 10 \end{aligned}$ |  | $\begin{aligned} & 52 \\ & 92 \\ & \hline \text { 会 } \end{aligned}$ | ${ }^{33}$ |
| Lancalire Fire.. |  | 8 | 90 | 5 |  |  |
| Liun Fire. ${ }^{\text {Lio............... }}$ |  | 8 | 80 |  |  |  |
| London and Lanoabhire Mire............. |  | 8 | \% | 13. |  |  |
| London Amsurance Oorporation... |  | 20 | 98080 | 18\% | ${ }_{53}$ |  |
| Liv. © Lon, ${ }^{\text {a }}$ Globe Fire and Lilio.... |  | 10 | 10 | 8 | 9 |  |
| Northorn Fire and Life............... |  |  | 80. |  | 28 | $2{ }^{24}$ |
| North Brit, of Merc. Pire and Lifo..... |  | 3 c | ${ }_{90}$ | ${ }^{18}$ | 77 8716 |  |
| Phomis Fire... |  |  | 100 | 18 | 110 | ${ }_{18} 8$ |
| Royell Inaurane Flre and Lifo.. |  |  | 0 |  | 5346 | 8.1/4 |
| Ualon. |  |  | 10 |  | 10\% |  |
|  |  | ${ }^{18}$ p.s. | 10 | 4 | 17\% |  |

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"Judging from what I have seen of the clay belt, I should say it is well named, for about three-quarters of all the soil overlaying the rock is clay. The clay dif- pine, ead, paper and yellow birch, jack fers in color, composition and origin. pine, white elm, mountain ash, pin cherry, Around Night Hawk Lake there are at mountain maple, several species of dwarf least four different kinds of soil. First, willow, shad bush, and alder: Of these glacial deposits of sand and gravel on the most important from the lumberman's the shores; second, heavy clay, very pure, standpoint are white spruce, measuring and suitable for brick making, on some from 14 to 24 inches in diameter; black of the islands; third, terrace deposits on spruce, from 14 to 16 inches; balm of
the shores; fourth, clay-loam inland from Gilead, 18 inches; white cedar, 2 feet; the shores; fourth, clay-loam inland from Gilead, 18 inches; white cedar, 2 feet; the lake, both the latter soils being unex- aspen, 14 to 20 inches. Unfortunately, the celled for agriculture. In the Indian gar- white pine is not very common, and neardens around the lake there were on the ly all the tamarack in the country has 4th of July potatoes about seven inches been killed by the larch saw fly. Jack high. Those must have been planted pine is found almost exclusively on the about a month, and had not been injured sandy areas. Large birches vre extremeby frost. Onions, turnips, carrots and ly common.
cabbages all thrived, even with the little "The following is a list of the furs care that was bestowed on them." traded in by the Indians at Fort Metag-
Referring to the timber found in the ma for the year ended May, 1903:-Erdistrict, the report says:-"The trees in mine, 200 ; bear, 50 ; fiisher, 15; lynx, 15;
marten, 250 ; mink, 200; muskrat, 2.000; otter, 2,000; wolf, 1.

Thanks to the wise legislation in the protection of the beaver, this animal is becoming much more common, and the danger of its extermination is warded oft for some time.
Moose, deer, caribou, grouse, and duck are sperhaps of most interest to the sportsmen, the moose being very numerous. The angler is well rewarded by large catches of pike, pickerel, black bas, perch, white fish, speckled trout, and others,
"Many of our common birds are found in the North country, among which are kingfisher, wood pewee, flicker, woodpecker, yellow warbler, chickadee, white-throated sparrow, sand piper, night hawk, Wilson's thrush, hawks and owls. In addition to these come distinctly northern birds were seen, e. g., Canada Jay, loon, northern shrike, many warblers nesting, and many species of duck.

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doz. Special offer, nases of 48 doz. $88 /$, packing free. FANCY Boririns, in Ix colours $8 / 3$ doz. Case of 2 gross, 68/-, case and packiog free. Bua of gross, 2 , i.esi/8 Burner (No. 516 in the design in this advt.), $14 /$ - doz. or $f^{7} 48$. per gross. Mras SMOEE TOPs, from 5/-per gross. Pure Aluminium and Mica Tops, frotm 15/- per gross.

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Prevents Incrustation and Corrosion in all classes of Steam Boilers. -mamupactured by-
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[^0]:    "Laundry sales" have generally to be borne in mind in reading of latter-day stock transactions. "All that glistens is not gold."

[^1]:    BUTTER. The market shows quite an improved demand, with a larger business passing than at any time during the present season. Export orders are coming in more freely and fhipments show quite an increase. Up to 21e has been made for finest Townships new creamery: qualities slightly under bringing 20 to $201 / 2 \mathrm{c}$. The increased price ruling for fresh make has foreced on incereased demant for held or summer makes nt 19 to $191 / 2^{c}$. In lairy butter there is also shown a like improvement. Finest fremh Tounships hrings 19 to 20 e, with selections of Western dairy hringing $151 / 2$ to 16 c under grades 13 to 14 c . The market closes with a healthy apperance and cvery indication of a further advance before many days.
    CEMENTS. A good businces passing in lots suitable for ordinary demands. Prices steady. Arrivals for week ending 23 r.d were: 35.000 fivelricks. 5,000 brle and 18,300 bags Belgian and (ierman dement.

    CHEESE - The market is boomed until prices have now reached 12 to $121 / 6$. with $121 / 4$ and $123 / 4$ being asked by some holders for frest receipts. At the inside quotation. 12c, there have been heary trancactions, with demand good, but exporters hesitate before advancing any over this price. so that dheese held at $1 / 4 \mathrm{c}$ to $3 / 8 \mathrm{e}$ advance is not moving. At any trading offers at 12 s , if of finest quality, are ready picked up.

[^2]:    -Fancy large watermelons, 25 to 30c each. Pineapples-Fancy smooth cayenne, 24 to case, $\$ 5$. Nuts-New Grenoble walnuts 13 c ! new Tarragona almonds, 13c; new Sicily filberts, 9c; Jumbo pecans, 16c; large pecans, 13 c : new Brazil 13c: peanuts, "Bon ton," roasted, lle; do.. "Sun," roasted, $91 / 2 \mathrm{c}$; do., "G," roasted, $81 / 2 \mathrm{c}$; do. "Coon," roasted $71 / 2 \mathrm{c}$; shelled almonds 28 lbs. to box, 28 c ; do. walnuts, 26 c per lb . Dates-Golden stock, je per ll . Spanish onions, 50 It . crates $\$ 1$; 150 mb . cases $\$ 2.50$. New sweet potatoes, brl.. $\$ 3.75$. Cal. grapers, $\$ 3.50$ case; Cantdian blue grapes, 30 c per barket: Delaware grapes 40 c ! Niagara grapes, 30 e : brl. pearo $\$+$ to \$6: Jowey cranberries $\$ 8.50$ per barrel.
    (iRBEN HIDES.-Prices hold steady at $81 / \%$. $1 / 2$ and $61 / 20$ 1b. for beef hides as to grade. Calfokins. 11 and 9 c 1 l . Lamb) skins 50 and 55 e as to quality. The latter are expected to ndvance this coming week.
    (ikoctardes,-The drop of 100 ber 100 thes made be one of the leading refincries last week and whikh figures governed the jolbers' selling prices for the time, has again been recorereal, bringing value back to the basis of $\$ 4.20$ for standard gramulated in hrls. Molasses is very firm at last week's advance to 42 c in puncheons. The opening prices on new pack tomatoes and corn were given last week: viz.. $\$ 1.05$ and 90 c respectively. Salmon situation unchanged. A coarse, short leaf sum-ried Japan ten. fair drans, is shown on the market, which ean be pieked up at 16 c to $161 / 2 \mathrm{c}$. Cable advices report primary currant markets firm and inclining higher. Telegrams on prunes report that short sellers are covering at some advance over sales, with growers' idens advancing. Cable advices from London and Holland reported an advance in prices equal to $10 \frac{1}{4} \mathrm{e}$ on cloves, and it was stated that the trading in these markets the past few days amounted to 20,000 to 30,000 bags. Reports from the primary currant markets note little change in the general situation

    HARDWARE.-List prices are very steady under a good movement. In metals iron and steel are showing a tendency

[^3]:    of Prince of Wales Island to Observa- West. The definition is more accurate try lying north of Edmonton and eas

[^4]:    unequalled, perhaps, in the world for and the girls varying in number their endurance, their patient an! un- cording to the size of the carpet, as as to attend a factory, a simple arrangeel patches of barren, stony soil or of the loom, select the colors indirated, bog which constitute their holding yield row by row; these are then tied and bog which constitute their holding yield row by row; these are then tied and
    save the most miserable of crops? brund down by "shoots" of woollen
    The virtue of these people is as stern weft drawn across the entire width, and as the hills which surround their homes. beaten down by small heavy fironInured from chillhood to privation toothed combs. of all kinds, leading lives of unremit- These hand-tufted carpets are exquiting toil, with none of the comforts and sitely beautiful. The girls employed at pleasure which brighten life and lighten the work have displayed artistic skill, labor, yet clinging with passionate love both as regards color and design, such as to the land of their birth; such are these has astonished their instructors. The Donegal peasants, a grand people physi- carpets can be made to any size aud cally and morally, gifted in richest mea- shape. Purchasers can, also, if they sure of all the best qualities of the Celt, so please, have the carpets woven acbut chained by the streng fetters of cording to any design which they may grim poverty.
    Of late endeavors have been made to attended the venture has encouraged the develop a new field for their industry. promoters of the industry to increase A factory has been established at their efforts. They have planned to exKillybegs by Scotch manufacturers for tend the industry all over the west of wenving "Persian" carpets and rugs. Ireland, thus affording profitable emThe venture has been most successful, ployment to hundreds of young people. and large numbers of girls and boys are employed in the new industry. new industry is that it will pive wonder
    The peculiarity of these carpets is ful impetus to the rearing of sheep by that they must be entirely made by the Donegal farmers. The carpets are hand and by the method which may be made entirely of wool, and it is part of seen illustrated in the painting on Greek the scheme that all the wool used in vases more than 2,000 years old. their manufacture shall be spun from The tufts or mosaics of small woollen the fleece of sheep reared in these mounsquares are tied by the fingers in knots tain regions.
    arose girls who live too far ment has been contrived by means which, after having learned the art. they can take the frame looms away in the seclusion of their mountain homes. Who can tell how much the artistic in stincts of these children of the mountains ruay be quickened by the magial effects of light and shade on those mighty peaks?
    One of the Donegal carpets was pre sented to Queen Victoria on the casion of her last visit to Ireland. King Edward has also been pleased to order five of them for the Royal yacht, and some of these lovely carpets are also in Buckingham Palace.
    Wherever these beautiful productioare known they are highly appreciated, especially by lovers of things artistic. Orders have been received at Killybegs from the highest decorative art critics in England and America. The Donegal "Persian" carpets have undoubtedly a most successful future before them.
    Another new indutry which has sprung into existence in Ireland within the last few years is the Erin doll industry, started by a clever Trish woman, who has discovered a method of making unbreakable dolls. Taking as her model various distinguished personages, she faithfully into longitudinal warps which are It has been calculated that in a few stretched between two long parallel years the fleeces of 10,000 score of sheep beams. The design is placed in front, would be required annually. and artistically reproduces their features Thus we have perfect models of the King, the Queen, Prince Edward of Wales, Lord Roberts, ete. Different types of nation-

[^5]:    with excelsior or paper, but the object is and the inspectors, who are themselves the loss without restriction, and such apto use as little of that as possible. Then fruit men of long experience, explained praisers fixed the loss at $\$ 4,156.58$, parol the bottom is put on, and the slight press all the details of packing to all comers. evidence, in the absence of fraud or missure is sufficient, while not bruising the The method of Government inspection take, was inadmissible, in a subsequent fruit, to hold it firmly. It is judged well with a view to preventing frand that action to recover the face of the policy, to 19 wrap pears in paper, because it prevents weuld injure the fair fame of the Cana- show a prior agreement for the appointthe spread of rating, keeps them at a dian fruit trade was also explained. A ment of such appraisers, limiting ther more even temperature and the paper acts great many Americans called at the stand authority to fix the loss at a sum not as packing. in the Implement Hall, and were greatly less than $\$ 6,000$. Townsend et al vs. How to Pack Apples.-Then as to the interested. It was a kind of education Greenwich Ins. Co. of the City of New apples. Boxes are used only for the choic- not only good for the Fair, good for the York et al.
    est; not more than 10 per cent. of an or- people and good for the fruit trade, but An upright portable engine, originally dinary crop. This work was shown. They was interesting, and cannot but be an aid purchased to draw logs from a river, and were packed in the same way as the to a great Canadian industry, pears, except that they were not wrapped and a deeper box was used, $9 \times 12 \times 18$ inches. For general stock barrels are used, and Mr. McNeill advises the eighthooped variety. A barrel face, as it is called, the, first layer of apples, was
    fire insurance decisions. ing logs and to furnish power for cutting ensilage and filling silos, and which was adapted to all farm purposes where only a small amount of power was required, was "a steam farm engine," within a proshown and the method of packing them. disagreement as to the amount of the loss, be void if insured used such engine withOf course there were not sufficient apples the parties entered into a written agree- in 100 feet of any building insured without on hand to keep on packing barrels, but ment as provided by the policy, appoint- the company's consent, in the absence of the necessary implements were all there, ing appraisers to determine the amount of proof that there was a class or kind of

[^6]:    Representatives for the Weit Indiee, Merice, Central and South America. The Now Yerk \& Java Trading Co., Mow York Clit, M.Y.

[^7]:    Bools-lreepln Shorthand, Thy Rngllsh, Frenc denth seleot th coparately by and new prioe

