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Marras-British Woollen Manufacand the Canadian Tann'-Protection Iron Trade-The N P in Montreal, Trade 137

SH WOOLLEN MANUFAC-FRERS AND THE CANA-DIAN TARIFF.

oplaints of British manufacturers against sunstited a good deal of late, since it a threeing very well under the ludiction, These prophets of evil, who felt certain from the Empire, I we not found their to Beltain now then she was two years ago. not express the tall importance of the change erely that the amount of our purchases, stated ds sterling, has increased. Not only is there de, but there is a better and healthler trade, fless proportion of losses from compositions dobts. There are facts well attested by the wial press in Canada; and we may be sure that well known to British merchants and manura having Canadian connections. One particury 4th:-

aba AND BRITISH Goods-A deputation from the

mmilities of the York-hire Chambers of Commerce, by Mr. Sergeant Simon, M.P., Mr. Behrens, Mr. mith, Mr. Staples, Leeds; Mr. T. B. Fox, Mr. augh, Mr. Ormerod and Mr. W. H. Lee, Mayor of l, had an interview last night with Lord Kimbere Colonial Office, upon the subject of the specific wied by Canada on the heavy woollen goods of They complained that the low woollen fabricat the staple products of Yorkshire, composed of wool, and cotton, were subjected by the Canadian Govspecific rate of 710 per pound, the compound duty to Wand 40) per cent., and in some instances and To per cent upon the values. Micreover, the ty imposed a differential tax, to the prejudice of e of the Mother Country, and was both unjust tions. Having asked the Canadian Government lder the matter, with the view of atteriog their reply had been received from Sir Leonard Tilley nordremed advirable at the time to make any he la the datice imposed on woollete. They oref re, that Lord hi aberter would make it known botalileges acitatuanh odt tadt fasmannese acibae datics to levied by the Dominion tioretrinent mentiol in favor of French and Belgian manutace

bourhouse the exect of their tart is which wight influence the imposted annually per head of the population in bour should be will ranke the a extractionary facts them and lead to its refered. The point of the differential duties favorior other countries was a very strong one, and one that would be likely to have some industrie with the Canadian Covernment, and he recommended there to place their riems on the subject forcitly in a memorandum, which he would cause to be forwarded to the proper quarter."

duties against British wootlens, the same rates being levied on all such goods, without any distinction as to countries whence imported. True enough, presees latder upon the cearse, heavy stuffs so extenslyely made in Yorkshire, than it does on the merinos and time clothe which are specialit s with France and Belgiam. Here we might answer Luglish Free Traders with their own arguments, and advise them that all they need to do to be even with the French, as far as tiade with Canal's is concerned, is to put in the same machinery, work up with it pure, two wool, and produce the same kind of goods that they do in France. It is the orthodox Free Trade dectrine that, if any particular manufacture cannot compete in open market, on even terms, those engaged in it should drop It and betake themselves to something else. But we Commercial and Industrial Press., 132 know for estain that the Yorkshire manufactures, ces Current and Weckly Review.... 133 with all their devotion to Free Trade, are of too prac-Hway Matters, 135 devotion to a theory. Those among them who feel loes Corrent and Weekly Review ... 136 their Canadian sales affected by the new tarin might perhaps turn their energies to the making of fine Money Market-Trade Directors 140 asything of the kind, they will stick to the 112 up. Where the trouble lies is easily explained, but the explanation will not help the case for the complainants. Certain tine woollen fabrica, in the production of which France and Beigium excel, are not made in Carada at all, and therefore our importation of them is not preatly succeed by the tariff; besides which, the goods being of fine, banadian tariff, which were rether found at light texture, the specific duty per 1h. is not much on the value. But in Canada many woolicu factories, that our terport trade with the Mother large and small together, are producing cheap goods for the every day wear of the people, which come in direct competition with chesp Yorkshire goods; while da would soon cease to be a customer for upon the latter, besides, the specific duty per pound in America could not till the orders that were of of the raw material, caused by protection. Itorapods, and might, therefore, just as well be is a heavy percentage on the value In Canada the fered in the time named, and then what followed? poor man certainly gets better value for a dollar aticipations confirmed to the event. Strange through the compulsion put upon him to buy a good having piled up and in stere the accumulations of st appear to them, Canada is actually a better bargain of home manufacture rather than a poor one (years back, instantly select upon the advantage or imported stuff. But we make shoddy in Canada, given them, sent from over in immense quantities, too, it will be said; shouldy is still sold to buyers of and had the market supplied, and over supplied, ere moderate means, after all. So it is, indeed, but the the American iron companies had time to realize home made shoddy is a decidedly better article than the imported, and this advantage attends, besides, that in case of goods not being up to the mark, the home manufacturer is at band and can be held responsible for defects in quality, in goods not coming up to specifications. The manufacturer over the sen is, however, beyond our reach, and how important this dull years; there from in immense quantities lay by every year's delay in extending to this great stest, however, that of the Yorkshire woollen difference is in practice those in the trade well know, ready for shipment at a moment's notice to any industry the encouragement which we have already ctuters in certain lines, is still up in arms If the experts of certain goods composed, as is above quarter of the globe, from China to Peru, or from given, and with such marked success, to many others. the Canasism tariff, as appears by the follows stated, of "wool, shoddy and cotton" to high we copy from the St. James Genetic of Canada have decreased, this is not true of woollen goods generally, as the following figures will show. In the London Economist of February 12, the exports of woollens to British North America are given as under for the years cuding sist December,

1879 and 1880 respectively (in pounds sterling) :-1579 1830. 019.5153. 69.698 60,19 1.9.43

£773,916 £1,186,90 In the items of blankets, flannels and small wares the potooly to a Diper cent, advalurem duty, but to exports to British North America are not given acparately in the L'conomist's tables, and therefore we cannot at present include them. But the fact that ered Asthetruth became better known, American from in the classes of goods the amounts of which are given, and which make up the great bulk of the whole, the export to these provinces has increased plata Balletin, showing a wonderful mer is in Amerione-third, puts an extinguisher on the contintion that confirm protection for 1880. The Bull on gives full the new tatiff is decreasing our purchases of wootlens | delais in tabular firm, but from its condensed statefrom Pritain. If in some particular lines there is a research with whit will most readily convey an idea of decrease, the lacrease in other, more than makes up the ext moon of near production in the relater under the femile for everthree weeks and facily new for it. That we should under protection and progress, the ough going Protection in manufactures import less of each articles as we d proudicial to the Mother Country. Tour make at home is natural enough. English axes and the protes two of furnion in the land depretes in less, and they were first or best to do it immediately. It may founthe Constructional know what they got for chisch can scarcely by sold at all in Canada and, but become trained to details to our readers a count the Mother Country. They do ned no get our tayors and positives from Sight I. chiscis can scare ly bu sold at all in Canada ann. but the policetion of picture in the United States in 1880 region than to will of work. He also states that was in Alfanet tong or in the United States in 1880 region than to will of work. He also states that was in Alfanet tong or in the Language and the state of the production being in needle is pattern and his own aftern maker being n arms t the Mother Courts. Also desired we get our favors and peganives from Steinell, as waste little of constructions also production constructions and to Inseries had before; and in their respective lines British woulden in 1821 we therefore. Little of grove to the installing the pattern makers a given by the different hal breed distinct the past very the experts to mainticturers may real the same lesson as to the larger that he was possessed actually deanything, perfilled splitted on Canadian manufacturing entermed to any processes to actually deanything, perfilled splitted on the manufacturing entermed to any processes to actually deanything. Perfilled splitted on the past of could bring their representations to the knowledge prime. After all, Lowever, we still remain ratuable to extreme the supposed there was no customers to the Monther Country. From the latest dust in a special prime procedure, as manufacturers are being made eastings must be of epinion in this country as to our lamentian the Country. From the latest dust in a special prime to the procedure follow, as manufacturers are not in the habit of paying his country as to our lamentian the dust of notice to make the notice to not intend to man. To kind the country as to our lamentian they do not intend to man. To kind the country is not a second to the country as to our lamentian they do not intend to man. To kind the country is not a second to the country as to our lamentian they do not intend to man. To kind the country is not a second to the country as to our lamentian they do not intend to man. To kind the country is not a second to the country as to our lamentian they do not intend to man.

; in the countries named --

It is not true that Canada imposes a differential " | The consumption of British goods in Australia is remarkable, more per head than in Britain itself, in fact Those "Britishers who think that the Empire would have a good viddance were Canada annexed to it is, however, that the duty of 71c per pound the States should ponder the fact that, according to the proportion above shown, four million people in the Dominion buy and pay for as much British go is as twenty-four millions in the Republic. We hole it is fairly shown that the complainants have recity The charcouliron product of 1800 has only twice been exno case to come into court with

PROTECTION AND THE IRON TRADE.

The theory that protection deed not protect does not stand well in accord with facts. Some very limited The American production of 1949 was 4,205,414 net and partial experiences there have been which give grown to such glematic accumulation that further increase of traffic then coming on A panie of demand for iron ensued, and the excitement of leavers Why, this simply, that the English iron masters, what the situation was Americ a production, luiled to sleep by several rears of to demand, was not able on the instant to meet the sudden rush of orders, and there was no necumulation of old stocks to fall back upon. But in England a tremendous accumiation of stocks had been going on during all the Canada to Australia. The rush or importation of English from into a country having high protective duties on that article gave renewed vigor to the cry that protection does not protect, and it was confideatly affirmed that in the fron trade American Protection had proved a failure. by-and-bye it began to appear that the American tami was really protective after all, and that much of the English exportation business to the States had been done at a loss-to somebody. When the crestement had cooled out, is was discovered that the enormous importation from England had been the accident of a day, merely, something that could not posall is be continued, if the American tariff were not lowmakers gained courage, and acted upon it. The result

Description in this country as to our famoular the status, and available return of the very which was published early the content of the content to the rate of prices tor patterns they do not intend to use. To his to content to the content of the

ditu to the core. Profit			284458
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· 74			3,070,075
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"Of the total production of the iron in Inch, 1,507,651 ret tone were made with anthracity of 1, 160,25 tone with hituminous confund coke; and 27,5% tone with charcoal The increased production of the year over the product of 1572 was very evenly divided among the different fuels. It is, however, worth; of notice that the production of charcoal pla from has increased paris som with that of authracite and bituminous pix iron. In the four years preceeding 1800 it had declined relatively as compared with its two rivals. ecceded in our Lister, -in 1-73 and 1-74, when the production was respectively 577,620 and 576,557 net tens. As has beretofore been the case, some of the anthracite furnaces used more or less coke in 140 as a mixture, and a smaller number of bituminous furnaces used anthracite as a mixture. The exact quantity of piguron produced in 100 with this mixed fuel was 714, all net ton ...

tons, equal to 3,935 101 gross tons. The import, at it an air of plausibility, but the large, and thorough meatly as can be ascertained, was about 700,000 gross and long continued test it will not stand. In the tone, or say, 40 per cent of the whole year's new latter part of 1879 American railway companies ap- supply in the market. With 84 per cent produced peared to have realized, all in one day, that necess at home, the petry plausbillty that Protection does sary renewals and repair neglected or postponed not protect will have to be abandoned. But if Produring the five years of hard times preceding bad tection has so decisively fulfilled its mission in the United States in the Iron trade, will it do so in Candelay was out of the question, in view of the large uda? Without the least hesitation we answer that it will, if we only have the courage to try it. In this particular industry half measures may fail, but a almost matched the dead apathy of the time, then thereby become policy will command success. Two very resent indeed, when there was next to no des things are wanted-a suidefent measure of protection, mand at all. A craze to buy at any price, however and the containty that it will be continued and mainlikh, succeeded to the panic to sell at any price, clined. With boldness of action on our own part, however low. But one or five years duliness and sufficient to give assurance in both ways, the bugbear nothing doing had cound a great slackening in the that seems to inghten some of us will disappear iron making business in the States, steeks had been The silon in the path " is no reality, but a plaintom allowed to run down, and farnaces and rolling of our own imagination only. The nettle, that stings mills had been allowed to drop toto a state to response to a feeble touch, shrinks crushed and of suspended animation, comparatively, except, harmless when grasped with vigor. The particuperhaps, in the Dessemer steel manufacture, which the scarecrow now persided before us is that of iron kept constantly expanding. All the iron works manufactures paralyzed in Canada, through dearness making has from 50 to 75 per cent, protection in the United States, and yet, so theap are nearly all manufactures of from in that country, that Free Traders hero grieve over the calamity of Canadians being stopped by the NP, from supplying themselves with chesp American manufactures of fron. Are we setting forth theory or supposition merely, or is the actual experience of a great nation, our nearest neighfor, of any value as a guide. The conspicuous success of American Protection in developing from production over the border, and in giving cheap fron manufactures to the consumers, ought to press home upon us more forcibly a sense of what Canada is losing

THE N. P. IN MONTREAL

The statement was recently made by somebody in Montreel, and was published in the litters, that accounts which had been given of large business and lively times at the foundries in that city were exaggerations, and that the foundry business was actually slack and unremunerative. To many people it must have appeared strange if the statement as to slackness of work in the Moutreal foundries could be true, and now we have the contradiction, as given by the littness itself: -

"A manufacturer who is constant! engaged in pur clasing castings stated to our reporter hat the remark by a founder in the columns of this journal to the effect that is now seen in statistics published in the Philadel francers, as a whole, were slack of work, and took a gloomy seem of the situation, was incorrect as for as his experionce gives. He states emphatically that unit in the habit of basing entings made woodly, and at process and steen coedingly difficult to have his work dies. For fastance, a small turnace, which he is required daily, has been in promised for next Thursday. The delay is occasioned by trees of worksonly, and he had made application at several "We have received from the namet actorers full returns of f undress to have this work diese, all of whom stated that including the pattern makers a gazel by the different secould only be made to place before there for the tike the following figures of Biffish densities for the place before there for the American paper, and though effects. Pheral wages,

prises, and the large regree see extension of old ones, which Protection is causing were given reasonable mention in the papers which their supporters mostly and . However, facts, and the large regree sees and their supporters mostly and the large regree sees are another than the supporters mostly and the large regree sees are another than the supporters mostly and the large regree sees are another than the supporters mostly and the large regree sees are another than the supporters mostly and the large regree sees are another than the supporters mostly and the large regree sees are another than the supporters mostly and the large regree sees are another than the supporters mostly and the large regree sees are another than the supporters mostly and the large regree sees are another than the supporters mostly and the large regree sees are another than the supporters and their receives and their farms small, we cannot, it their receives and their farms small, we cannot, it their receives and their farms small, we cannot, it their receives and their farms small, and the large regree sees and their farms small, and the large regree sees and their farms small, and the large regree sees and their farms small, and their receives are seed and their farms small, and the large regree sees and their farms small, we cannot, it their receives and their farms small, and their receives are small, and their re scal. However, facts ar! tell after all, and not tion is a live and interesting one, even the able efforts of some free trade journals not to see what is going on before their eyes will long suffice to keep the truth from their own realers

THE QUESTION OF RAILWAY POWERS IN ENGLAND.

The question as to the rights and powers, and duties of railway companies and the public respectively. is becoming a prominent one in the United States. So been named as the great question of all which will tax the ability of President Garring's Administration in the United States the question of the Government to grapple with it. Other questions there are which of that country taking similar action has been favorlikely, so some very competent observers say, to wax and grow to the dimensions of a great national issue Where the two rival political parties respectively will place themselves on it remains to be seen, but at present the Republican leaders appear to be tending towards the railway side, with this inevitable consequence, that the Democratic leaders will be driven to take the side of the public as against the railways, and fight it out on that line. In Canada we have had ! localities it would never have reached under the pecuniary just enough of railway monopoly experience to impress stimulus of private onterprise. At the same time it yields a upon us pretty forcibly the conviction that the thing has gone far enough, and that the present time would be a good time to stop it. Our sins past we cannot holp, still, we may repent and firmly resolve that we holders, and the convenience of the public secondary only?" will not do it any more. And, while we are struggling on towards clearer light on the subject of railway rights and duties, it may help us somowhat to Jook at what they are doing in the Old Country in such matters. The report of the British Railway Commissioners for 1880 has recently been faid before the Imperial Parliament, and what the Times says of results arrived at and progress made indicates a very decided advance in public opinion on the main question. It used to be the orthodox doctrine in high class philosophical British circles that railways should be regarded merely as private commercial enterprises, power of interference with them on the part of the State being next to nothing. But something which we may call the growth of circumstances is rapidly upsetting all this, and is showing that against the perpetration of now wrongs old rights must be asserted. Strange to remark, while popular rights in this respect are asserted. and that very effectively too in the Old Land, they are but feebly asserted in Canada, while in the States the rallways seem to rule the nation. That the Old Country is ahead of us in this respect may be seen from the following, which is taken from the London Times' summary of the Commissioners report, and letter of a London correspondent remarks thereupon :-

"The report of the Railway Commissioners of their proceedings under the Regulation of Railways Acts, 1873, during the past year has been laid before Parliament. A perusal of it suggests that the description of it as a report of their proceedings is a misleading one, for it deals almost more with the proceedings of the Illah Court of Justice in relation to applications for prohibitions against the Railway Commisslopers than with the doings of the Commissioners in their own court. It seems that in almost every case in which the Commissioners have been asked to exercise their jurisdiction under the Act of 1875-the act under which the tribunal was established-the rallway company complained of has gone to the High Court of Justice and sought to deprive the Commissioners of the powers they proposed to excreise. Brery turn of the Commissioners has been ebstructed by applications for prohibition, and the record of these applications and their results occupies a considerable space in this their seventh report. The Commissioners seem to feel a little natural pride in the fact that in most cases factious applications have been decided in their favor and against the company trying to ellp their judicial wings. They refer with satisfation to the judgments of the Queen's Bench Division and the Court of Appeal in the case of the ' Denaby Main Colliery Company vs. the Manchester, Sheffield, and Lincolnehire Railway Company, and of the same Courts in the case of the 'Swanson Improvement and Tramways Company vs. the Swansea and Mumbles Railway Company. and they print the judgments of the various indges in one of the appendices to their report. They refer, too, with pardonable satisfaction to the difference of opinion in the Queen's Beach Division as to the Hastings case. Their report is dated the 18th of January : but had it been written a few days later the Commissioners would have had to record the ludgment of the Court of Appeal in the same case which reversed the decision of the Queen's Bench Division, and to some extent, at least, assured to the Commissioners the jurisdiction they daimed to make rallway companies provide adequate stations where they had inadequate ones. Another source of anal. 2s satisfaction must have been afforded by Great Western Ralls my Company vs. the Waterford and Limerick Railway Com any and the Railway Commission-Limerick Rallway the suy and the natural vommission in the next sentence and industry the graphs could not be rend in Canadians journals.

are, which we reported on Saturday last, and by which the The classes who should not emigrate are females above the ship. Instead of crippling trade and industry the graphs could not be rend in Canadians journals.

attention to the current business and commercial beneficial we atherstom our law report that he Mister farm and and it buildings have been creeted. In

or which in their respective localities they cannot opinion and judicial numberity together are asserting till to be aware—the NP beam would be less the subject of debut than it is. Even extremists on the Free Trade ends might be test profuse in their railway corporations. Have we progressed as far on remember have We should certainly prefer the later. reproaches against the N P, it the many new enter- this side of the Atlant c, and, if not, why not ? Dare it our from it can get along even turns well, but if they

GOVERNMENT TELEGRAPHY.

In the the year 1869 the British Government beame possessors, by purchase, of the telegraphs of the tries ent Minister of Agriculture, who has already country. During the ten years ending December, 1879, done so much in the direction of calling attention to the number of others had increased from 2.488 in the former year to 5,331 in 1880. In 1869 the number of messages was about 6,500,000, and in 1880 the number was 20,547,137. The number of miles of line in 1809, the action to be taken by the Syndicate recently was 5,601; in 1880, 23,156. The great progress made much is this the case, indeed, that by some it has since the Government became owners and controllers of the lines has produced such a favorable impression will come up, and keep coming up, but this one seems ably received. In a recent report to Congress, the Postmaster General said :-

> "During my visit to the British postoffice I examined with much interest the system of telegraphy for several years past connected with the postal service. This method of correspondence is thought to have made a great advance since it was changed from the management or private corporations, responsible to nobody, hardly to public opinion, and placed under the control of the Government. The business has increased many fold, the cost of sending messages has been largely reduced, and the service is performed in margin of profit to the royal treasury. Is it not time for us to renew the inquiry whether it is wise to leave this important instrument of correspondence in charge of corporations, whose primary object is gain to the managers and stock-

EMIGRATION MATTERS

In the Liverpool Ecke of the 22nd of February, we find the following under the heading, "The Church and Emigration .--

"At a meeting of the standing committee of the Society for the Propogation of the timpel, the Bishop of Carilele in the chair, this subject was discussed. The Rev. W Panckridge, vicar of St. Matthew's, City Road, London, and the Rev. J. Bridger, of St. Nicholas's, Liverpool, addressed the meeting, and it was resolved that a sub-committee should be formed to place before Ills Grace the Archbishop of Canterbury, who has evinced great interest in the matter, some particulars of this movement. The sub-committee comprises Sir Walter James, Hugh Bitley, Esq. M.P. of Manchester, and other well known laymen. The clerical members are well known London clergymen. It is surely time that in such a practically philanthropic movement as this the church should lead the way

The Rev. Mr. Bribers brought a party of immigrants to Canada last spring, settling them in the Province of Manitoba. We understand Mr. Briders will sail from Liverpool on the 23rd of the present month with another party destined to Winnipeg. In the same

"In the matter of emigration from Ireland I have re to believe that Queensland is likely to enter into friendly competition with Canada. The Queenslanders contemplate laying down a thousand miles of railway through a country which, for the most part, is not Set in any way opened up to civilization, although it is exceedingly fertile and well watered I also hear that the Queensland Government will be prepared to convey emigrants to this territory for the same amount which it would cost to take them to the Province of Manttoba. I may add that the Premier of Queenstand has just arrived in London Before long the subject of emigration will assume an importance which has not yet attached to it for many years."

In the Belfast (Ireland) Aere-Letter of a recent dato we read :-

"It is very well known that we are not advocates of emigration; but, if our people must leave this country, our advice is that they should go to some of the British Colonies. the nearest and, perhaps, the best of which, all things considered, is the Dominion of Canada. The resources of that great country are well set forth in a pamphlet just issued, containing the second series of the reports of farmers from England, Ireland and Scotland, who were there in the summer and autumn of last year. Some of these gentlemen were sent out as delegates by the farmers in their districts, while others, from their positions in the agricultural world, are well qualified to write and speak on the important subject. Their observations were made without prejudice, and apply to every part of the colony They tell us all that is necessary about the climate, which has its advantages and disadvantages; about the soil, which is generally rich and productive; about the prospects of profit. the colony being so convenient to the British markets; and about the shortness and pleasantness of the voyage in the well appointed ships of Messre. Allan Brothers. There is not the least doubt that tenant farmers, who have sufficient capital to enable them to settle on larms, may go with the certain hope of being better off than they could ever be on a few seres in Ireland; and laborers may expect profitable the deckion of the Master of the Rolls in the case of the employment, either on farms, or on the public works, such as the Canadian Pacific Rallway, to which our correspondent has been calling attention in his recent communications.

Commissioner Sporer to enterism an anglication to decide a six look servante, clocks, shopmon and persons have give protective pulley assures a surplus of a whatever is not in the fitted, are the most of the mos several times before 1, all excession to remark, out constant fits considerable established descent exhaust the temporary is honest enough to give in lits now collection that new collections were absolutely unknown lands new there is resulting largely from the growth or had to regulate the redward committee which have been and in bear, made to regulate the redward committee which have been and in bear, made to regulate the right of the right o under the system which it appears. In making up tirest Western Railway Company are charging a insensors and there is time enough during the season to established at that city. Its construction to long ago is column as items respecting new ensity to than two are wathoursed to charge, and in the ease of our were at modinee. To these who cannot automatically into months, and cost \$1 to me easier. not long ago a column er items respecting new entities are nathorized to cherge, and in the case of the works in great alumination. To these who cannot not the most strong for its in which we defined a set in many set is in the treat to the most into the most strong of the set in the first strong of the most strong of the set in the first strong of the most strong of the set in the most strong of the set in the set It office here Tree countries for the pay special tuney construction up a the words of an igreement of a good to an erroman, we well beneed, and on them decent Dortmonth. The especial tuney construction up a the words of an erroman, we well beneed, and on them decent Dortmonth. news of the day, were to do as fairly as the Ballette stand of grades as the ballette stand of the same I calified there are home to be at three dollars. burrely per day, there being 250 Hz to a uses in the neuter of publishing facts simply—facts What the Lines save on the select some conclusive to be 1 live an acree on be faced by the tenant | From 150 to 150 men will be recular.

> Competition in the matter of securing immigrants is likely to be brisker than if has been in the past, and Boracli, or Bell-ville. The brands to do theretons at is necessary that the interests of Canada | Foirest and Queen, Fren Cutter | Perfect | should be chargetically promoted. In the hands of the advantages of one vast possessions in the North-West, the matter is in safe keeping. The action of the Government will be substantially enhanced by formed for the completion of the Canadian Parisic

EDITORIAL COMMENTS.

It is probable the present session of the l'arhament t Canada will conclude by the end of next week-at the latest the week following.

Ir is announced that the Telegraph Department of the British Post Office is paying a fair rate of interest on the capital-£10,539,557-sunk in the business. The balance of profit carned last year was equal to a dividend of 3.36 per cent, on the total amount ex-

THE Civil Service Commission appointed after the last session of the Dominion Parliament has reported The dolbg away with political appointments and the introduction of the English open competitive system are recommended Dr. TACHE, one of the Commissloners, will make a minority report

Ix another column will be found a letter, addressed to the Montreal Gazette, by Mr. Alexander McGibbon, in reply to the remarks of Mr. Gunn, M.P., in the House of Commons, on the sugar question. There are people in the country who know something about sugar as well as the member for Kingston

Sir Charles Torren, Minister of Railways, who has been confined to his home through a sovere illness for several weeks past, left for England via Halifax on Wednesday During his absence the business of the Department of Railways and Canals will be conducted by the Hop. J. H. Pors, Minister of Agriculture.

THE Inturance World, published at Pittsburg, Page says -American life insurance companies are away ahead of their English brethren. The largest new business done there was Ices than nine millions of paper we read the following statement taken from the new insurance. This was exceeded by a number of concludes: "There are many points in come to a American compenies, and one company wrote over thirty-five millions of new insurances.

> A rew days ago Mr. Brodsky introduced in the New York State Assembly, a bill to regulate the price of gas. It provides that in towns of 100,000 inhabitants the price shall \$2 per 1,000 feet. In towns of less than 100,000 and more than 75,000, \$2 25 per 1,000 feet can be charged. less than 75,000 and more than activity of our American friends in purch the 50,000 inhabitants, \$2.50, and in towns of less than 50,000 and more than 25,000, \$2.75

Uxuza the heading stocks and shares, in the bt. James' Gazette of February 20th the following quotations are given :-

THE American Protectionis says for the year ending March 1, 1881, the production of cotton was 5,761,252 balos against 5,073,531 in 1880 of wool, 204,000,000 pounds against 232,500,000 in 1880; of wheat, 480,849,725 bushels against 448,756,630 in 1880, of corn, 1,537,535, 00 against 1,547,901,790 in 1889; of pig iron, 3,300,000 tons against 2,741,853 in 1880, 2,301,215 tons in 1879, and 2,000,594 in 1878, of coal, 69,200,934 tons against 65,808,398 in 1850, and 52,-130,584 in 1879.

THE New York Tribune says:-"The Canadian Finance Minister has been able to meet Parliament this year with a satisfactory account of his steward-

that is a mictake. The first are named so Jewel, and two special brands made expe-Wood & Leggat, of Hauditon, Red Class to Every are passes inspection and is lost to head D. E. T. Co. The seconds are neith-

As American contemporary points e. . ensus report concerning the manufacture : that country shows that there are 3% i cetal as in which \$18,499,500 capital is invested, the \$22,371,300 worth of raw material worked up ally, producing \$34,410,463 worth of tiniste (; These factories give employment to tit. people, to whom \$9,107.875 are paid to a wages New Jersey is the most largely into the this branch of manufactures, having 108 fut during \$12,851,045 worth of goods, and could 13,902 hands. Fifteen Northern States in ... greater or less extent, engaged in the silk inc. turing industry, but no Southern State. This is is making rapid strides in Canada.

Mr. BLAZZ, M P for the County of Waterlee Is land, published a letter recently in the Lord. Gazette deprecating emigration to Manutola action North West Territories, as the result of his press observation. Mr Blake's views do not columbia #1. those of the tenant farmers' delegates where are visited the country. The Irish Forms of parts length to Mr. Blake's strictures, and conclusely zaying :--

"There are some thousands, nay, hundreds of the of men who emigrated to Canada doing well there is no reason why Irishmen should not do as well is no reason why Irishmen should not do as well is no reason why Irishmen should not do as well is the term that there is no other nationality. Doubted true that emigrants going to Manitoba will have a robut they will have to do this wherever they go, unlitered that they have a grand chance of becomin. It besed that they have a grand chance of becomin. It besed that they have a grand chance of becomin. It is dent and making a comfortable home for themest their families. A farmoan be had free, taxe in education is good, and if irish farmers contemplated ing we say by all means give Manitoba and the Nor. Territory a trial. In giving this advice we have to serve but the good of our fellow countrymen, in its consideration that on further consideration Mr. Biske we confident that on further consideration Mr. Blake w. and that we are right."

LAKE SUPERIOR MINERAL RESOURCE

The Thunder Bay Sentinel thinks the newspaper the country do not give enough attention to the off mineral resources of that section. It points at the price can do much to benefit that part of Canada at in doing so, it remarks, journals will in no way of tract from their own locality. Our contemporal with mining in this district that are supalmost any other, but the most desirable on clear title' to properties already in the hands of people, and the chances of procuring much vibrall land direct from the Government. These points a se should commend it to capitalists, and we look in brothren of the press in Canada to make them. We appeal to our Canadian brothren mor and ticularly, because we would like to see than taking a more active part in opening up the w of the district. Not that we have any dislike by " property, per contra we are thankful to them is all that is at present being done here But tainly not very desirable for Canada to les pockets of her neighbors with the wealth that are lefself has the power to extract, but which is goin. " " her for want of foresight, or perhaps through he is difference to the situation.

-Tho new Allan line steamer Parman, A see that burthen, will be dispatched from Boston on Match 31st, leaving Halifax on the 2nd of April for Liver; ad carrying the Canadian mails and calling at Month. The Parinas, with its saloon amidship, has all the latest improvements that engineering skill and deve and practical experience suggest. The cabin : Av. tickets, and every information, can be had by spiritua to E. King, Allan Line, Ottawa.

-Under the heading "Hopeful," we read in the Catharines Daily News, a staunch Reform-free tre! —journal. "One of the hopeful outlooks for our city just now lies in the fact that some of our citizens, was eighteen months ago could not have been induced it a moment to entertain a proposition looking toward an investment in any manufacturing enterprise air now stirring up some little agitation in that directed Whether any of the specialties taiked of will ever is adopted, we cannot say; but at all events, that the are talked of, is a hopeful sign. Nothing is so runned to the well-being of a city as the apathy of its inhabitants, and we hope that there is now an enduring tendency on the part of our people in an opposite direction, whatever the cause of the duliness may have been." If the N.P. were not in existence such parts CELULANA MANUE ACCUIES

ough rocking extensite additions to their . Mary of Lordist, three stores high · Hair in already on the ground "

Wester Manuta turing Company et Berlin, e ki lessus that if a witch '

content in it, employing come therey or to the extent of about the educed

I notice, NB, Capital says -" Thomas Barry | tier " W. D. ris, Horaco M. Rugglia, Chies E. "An Important fedustry in the County of Essex Is (three at St. George, Charlotte County,"

with well commodious manufactory. The new and ha 125 ft long by 45 ft. wide, in which or of come six leaches which will be added to rik. The orders from abroad which are continually will diesther bailding is rapidly approaching comfrom Flemming & Sous, St. John, and will be ready naly for occupation early in April."

" I see butter tob factory is to be built at Richmond. muon the eite of the one recently destroyed by

the is stated that about 3,000 cases of boots and were exported from Quebec on Saturday."

the Craven Cotton Mills, of Brantford, it is especiwill begin operations the first week in March, emying 150 hands at the outset."

"A rast quantity of builders' hardware has been imeted this eason by Toronto merchants, and building erations in the Queen City next summer are expected.

"The mile of the Hamilton Powder Company, near while, which have been idle for a long time, are being lited, and will be running with a full force of hands

A mill for the manufacture of enviloard and wranng papers is to be built at Cham dy, Quebec, by Mr. Me. who owns a very large propertion of the excellent ater provinges upon the Richessen filter at this

"The new glove and mitten factory at Montreal is to he conducted by a joint stock company with a al of \$25,000. Several enterprising French Canais have the scheme in hand, and expect to commence stons by the first of May."

The Montreal Witness announces that Messra. - and Colonel d'Orsonnens, who have an extensive is ian'i in the Beauco district, are making, it is i, arrangements with foreign capitalists to their gold and silver mines, which are said to be portant. A joint stock company is in process vork the entire tract

virs. Robt, Gardner & Son, of Montreal, havejust ted an extensive order for machinery and comso the for a large biscuit factory in Belfast, Ire-I'm machinery is shipped was Boston for Glasgow, moghs over 10,000 lbs. This firm is now filling

1. "L Catharines Buily News says -" For the it it our principal manufactories are doing well. Williams Vale Works are not running quite up to its " Works. There in fact, a good healthy outof most of them "

: New Brunswick Cotton Mills of Messes W Pur 5 Son at St. John, has provided itself with addiinomson & Williams Company, of Stratford, has bi con ibat mili a Brown variable cut off engine of 125 Line lower, which has been put in position."

"It is been decided to make the additions and inoverments to the Stormont Cotton Manufacturing! tapany saud at Cornwall, which we spoke of in a to a contemplated. The property adjoining the mill has been acquired at a cost of \$10,000, and terve building operations will be begun in the spring. I' is stended to almost double the present capacity?

made parts, are now material to ting hand rakes, samples should employ a costain number of their people from the separent should be held cut to and a constant to

the it I mitting factors. They propose recently took the wind a six a factory of Teor Kinesol. with all the latest innerest ments for grinding wheat and | Kalting Parery, P. Bestever, proprietor, employs best greetally

s'inte and drawers only. Another set of machinery has | turns natures 2 or gross dans. year care for process I tobates is a flow waldered, and will probably be in place in the mouth. Louis at Buthurst, N.B. Seven parsons of Juro next. It will mere use the production of the will

and the consensation contents are lateral. The Montreal Healt of the 1 that were seen Th. There will mostly to Great British. There will entire amount of the capital required by these top any As a ring a eperations, by Messes Mile I in the enemon of cotton mills (\$4 0,000) has hen subcover cans; by S. Bi-hop, 2000 0 cans, scribely and the provisional directors have most excel or grange, by G. Sutherland, togographical set see view. The proprieties of Sec Caneattor : " (Con cans), by W. Mann, 150,000 | gonde and St Heuri will, we understand, determine in the 1 April 1 your cans. The total is thus over course of a day or two the extent of the bunuses to be of end for the k-cating of the mills in these maniepals

1 2 Ludgate, Frederick W. Helt, Altred the manufacture of charcoal, which is largely ahipped It isph V. threene apply for a charter of across Detroit River, to be used in making charcoal from for the St. George Cetton Will Company, at the Wyandotte, Mich., furnaces and elsewhere. The 15 10 1000 in 10,000 shares of \$10 each, whole export of charcoal thence for the quarter ending the 31st of December, 188) was, we are told, 400,000 in Leather Company," says the Fredericton | bushels. One-ball of this may be credited to Messes. atemplate, as soon as arrangements can be | Curry, & Co., Colchester, who have recently increased in present a new tannery in addition to their the number of their kilns. They ship to the Eureka from Works, at Wyandotte."

"Mr. Wade, of Clinton," eags the Nec Era, " has lin ed forty-live of the largest 1:23 double vais, bought the right for the Dominion of deging fruit, etc., by means of evaporation in this place, to erect fire ach loose. This will give a sufficient capacity to evaporators, and intends as soon as he can procure a deylog, any kind of fruit, roots, vegetables, etc., can be processed by the company makes the enlargement | dred so as to retain all their natural flavor, and are to a premises a necessity. Their new patent and also proof against vermin. It is Mr. Wade's intention to work the evaporators to their fullest capacity. He The boiler for heating the buildings and ovens | bas already contracted for 2,000 bushels of potatoes next fall, at 30c. a bushel, and intends raising 12 acres of corn stamment in about ten days. The building will and 15 of posstors on his own property, the product of which will only be a small proportion of what will be required to keep the degers working "

The Windsor Mail says :- "We herr that a stock company of about \$200,000 capital is talked of in Windsor, for the purpose of manufactuing agricultural implements. As the cale of there goods is large, and always on the increase, we have no doubt of the success of the underlaking. We have heard it stated that at least \$150,000 worth of agricultural implements have been sold in Nova Scotia in one year, and there is no reason why such a large amount of money should not remain in the Province. We look anxiously for futther developments."

"The Canada Screw Company, Hamilton, have completed their preparations to that they can commence work the first of next week. About 300 tons of fron rods, to be drawn into wire for screws, for which they have been auxiously looking, have arrived in Hamilton. and the Hamilton and Dandas street railway is taxed to its almost capacity in transporting it to their works in Dondas. In addition to making screws of all kinds. they are getting in machinery for the manufacture of bolts of various kinds, which will add largely to their habit of paying high prices for patterns they do not output."

St. John Telegraph: -" We are glad to see signs of returning activity in the mechanical interests of Annapolis town. The shippard is in full blast, and a foundry closed up some time ago is to be converted into response." some new purpose of manufacture. Of all winter seasons within the memory of persons living, this has been the most advantageous to the valley regions. The roads bare been almost perfect for traffic and sleighing. Cordwood, lumber, of different kinds, have been coming in by rail, and teams in great quantities \ . seels are The works have been incorporated with the new company mostly piled up with different articles awaiting spring shipment"

The Berlin Neus says - " Must of the Guelph factories busy that its impossible to keep up with the many the kingsion Dady News says -Anengine belongs orders which come from nearly all countries in the in the Canadian Rugine Works, left on Saturday | whole establishment, the rush being so great that they another, the property of the same company, are sent off as fast as they can be got ready. The suc-The Saturday for general repairs. The employees cess of Mesers Bell & Co. in the comparatively short 14. I anadian Engine Works are happy in lots of time they have been in business is something marrellous, and mover has their business grown as it has within the last two years-that is since we have had a truly National Fiscal Policy in this country.

The Belleville Ontario learns "that several enterpriswacur, but the Kuife Works are booming, and also ing business men in Napanee have been considering the propriets of trying to establish a glucose manufactory in that place. Olucuse is a sugar manufactured from corn, and in the early stages of the work the process is said not to be dissimilar to the manufacture of starch testal steam power to overtake its growing business from com. There is no such manufactory yet in Canada, but as super is an article of standing necessity the bustness opening scems like a good one, in case the article can be made cheaply enough to compete against the cane sugar we now import exclusively from toreign

> The Montreal Herald says :- "A meeting of the municipality of St Cunegonds was beld on Monday avening for the purpose of considering the proposed grant of a bonus of \$5,000 to the Merchanta' Company, who propose to establish works in the vicinity of the muni-

continued and the new holding, other grains, and, as it will be operated by steam, will be twenty-live and three hards, and tures out too. The Campbellord Healt of the adding and tures out too. The Campbellord Healt of the adding and tures out too. The Campbellord Healt of the adding and tures out too. The Campbellord Healt of the continued in the continued of the plans and type continued to the plans and type It had now machinery will not be in opera- a Kreat public to very co. It will be in operation for pair of hose a day. Brown & Fib, matress make as pair of flow unday. Brown & rish mattress make at the creeked in his rillingularity flast week, and uses the four hold hands altogether will at Thomson's rish at a more respection. The most of posts per names. Jacob & Shantz & Sins' gheed in the office at the creeked in the control of the most of posts per names. Jacob & Shantz & Sins' gheed in the office at the control of the creeked in the office at the control of the most of posts per names. 1 can engine is a bountiful place of cook butting Company reserveity. The kindled shirts Dominion Entre Exercise implay 22 hands, and marine building pages of the last tree for two stores high restrictions and the last tree of 10 is cooked as 8 i how a power, the dry and district the interior of th is possely, and its working is no of the value of the val

> A. diagram, N.B., despatch says. "The adjourned 1 My took place at the city e of the company here to-day, About 35 stockholders, representing most of the stock, were present. The reports of directors, treasurer, etc., were very satisfactory. The profits on goods sold at the Frelay. It the weather continues of on the work will Waterbury and Moneton branches amounted to several thousand dollars, and the asset cry largely exceed the bisbuitles, the latter includes the stock paid in. The prospects of the company are considered much heighter than eyer. About 30 hands are new employed in the rasting, imishing, plating and other departments, and the group turned out are pronounced equal to any imported. The orders are in excess of the ability of the company to produce. "

Mr. Senecal said recently to a Witness reporter "that the jelting on the cars of the Q M. O & O Railway was now a thing of the past, as the springs formerly used have been substituted by the 'Patent Concare Spring,' which is manufactured solely by the File and Spring Company of Montreal, whose works are at Cote St. Paul " A Wilness representative took advantage of this information to visit the factory and examine the springs in course of manufacture. About 65 hands are employed in the extensive works, which and limits some two bundred and fifty whole hides building adapted for the purpose. By this process of are working a balf-day over time, making nine days per week, to fill several large contracts they have at present on hand, but which they expect will not be completed until June next. Trial sets here been placed on every road in the country, and in every instance orders have been duplicated and tue highest satisfaction has been

Montreal Witness - " A manufacturer who is constantly sugaged in purchasing castings stated to our reporter that the remark by a tounder in the columns of this journal, to the effect that founders, as a whole, were slack of work, and took a gloomy view of the situation. was incorrect, as far as his experience went. He states emphatically that he is in the babit of having castings made weekly and at present finds it exceedingly difficult to have his work done. For instance, a small furnace, whileh he is requiring daily, has been in the founders' hands over three weeks and is only now promised for next Thursday. The delay is occasioned by press of work only, and he had made application at several foundness to have this word doce, all of whom stated that they were far too busy to do it stumedistely. If any foundness are idle the cause might be attributed to any other reason than to want of work. He also states that he being in need of a pattern and his own pattern maker being sick, he applied to almost every pattern shop in Montreal, including the pattern in hers engaged by the different founders, and could not get his pattern made in less than two weeks from the date of order. This, he says, is sufficient proof that if patterns are being made castings must follow, as manufacturers are not in the intend to use. To his knowledge founders in this city are advertising for moulders in the American papers, and though offering liberal wages, equal to those paid to the best workmen in the States, are not receiving any

The Hamilton Times says .- "The cotton batting works, started by Mr. O. B. Snow in the building formerly occupied by the Beckett engine and boiler shops, have for cotton manufacture, and will form part of their works. The motive power is supplied by a 40 horse power engine and a 60-borse power boiler, manufactured by J Il Killer & Co. About ten lianda are employed at preto Nora Scotta, Manitoba and British Colum- ate very busy these days. The Bell organ factory is so sent, but the number both of operatives and mechanics will shortly be largely increased. The factory is running mostly waste at present, pending the arrival of cotton the St. I. & U Railway, which was being world. There is hardly a complete instrument in the from the South. The cotton is taken just as it comes from the hands of the pickers, except that it has been 'glaned,' that is passed through a 'gin' or machine which removes the seeds. One bale of cotton makes about 450 pounds of wadding, and the present staff and machinery can turn out about 1,000 pounds a day. The first machine used in the manufacture of the raw cotton into wadding is the opener, which makes it soft and opens the tightly packed bundles in which the cot on comes from the bales, preparing it for the picker. The picker rolls it up into a cylinder. It is then sent up stairs to the cards, six large machines which pass it on to an endless spron, each carl contributing a layer. At the end of the row of cards the endless apron passes the six layers into the cylinders of a double beader, where the layers are pressed into one The last work of the machinery is to roll the batting about a large wooden drum, by which it is formed into large balls. These are each about seven feet long and three feet wide, and are put up by girls into the ordinary roll of batting of commerce wrapped in tissue paper. The batting is then ready for the market. Other machinery is coming for the works and a first-class wadding factory, supplying as line a class of goods as any sold in Uanada, is now in operation."

The bound Hill, who so success- should be granted upon the understanding that the compassed "-" Moved by Col. Deacon, seconded by Mr. J. the branches of manufacture we can with prefit engaged that the long felt want of good home pany, which expents to employ some 600 or 700 hands. It Dandas, that this meeting is of opinion that encour- in." A public meeting has been held at Lindsay, at which,

of which we have exclude examined, and command impropulity. It is understood that the municipality is statish a branch or branches of manufacturing is the publication of extracts collected with the made to car take consider, and in all of St. H has will also give it has and an example of extracts in the town of Lindshy, and it is tereby resolve the castillustrative of the pointed exhibition we can produce the home startly from textical to the conjugation. to fally equal and arrives as the kind we have ever The Berlin According to the enterential properties of all ring inducements by way of bunuses, a The Moneton for the Peters Profess, who was a some or the manufacturers of that town conflicts from the finite or both, to such companies of * He Zayler Novelly Weeks have over 1,200 peranson- 1979,004 as may exect and monoton for a term of years libers in process of construction at present. C. J. factors of Earthich such employment will be given as to on Wesley stre have the respect to the street will in the Southead on hatten factory employe tity hards one days an index of magnifecturing population and soung algorithm to a. The will will be fitted and torms out 150 gross of buttons a day. The Furcher of oil at only employed at the proper of two towns with all the fitted and torms out 150 gross of buttons a day. The Furcher of oil at only employed at the proper of two towns.

> to be erected in this village acress d last week, and were two states high. The whole nater power front is to he built up, and every poor of the Lit will be attituded. amount meeting of the Posics Combination Lock Com- A high fence will encound the property. The building represented in the plans shibit an excitencetyle of arclifications. Toulers for the different branches of work required will be spene thiad contracts given to morrocommence immediately. The br. & will be furnished by Mr. Foster, of Belleville,

"The agra ultural implement manufactory of Marra Prest & Wood, Smith's Pails, now employs one bunded and satisfies without, being the lighest number jet attenued since the factory was opened. Every year more it has started the number of hands employed has steadily increased, and we see no re, son why this growth should not continue still in the same ratto. Next sum mer the enterprising propri tors into all to erict a three story addition to their premises, and renovate and enlarge the old machine shop at the east end, which will give greater uniformity and capacity to their establishment. They now tara a great chare of their attention to the plough trade, and will turn out some three thousand this year. They will make all the other in provements la proportion "- Perth Expositor

"At a recent meeting of the Directors of the West Farnham Beet Riot Sugar Company, it is decided to change the capacity from 100 tons to 200 tons of beet roots per day. The machinery for the enlarged capacity, we understand, bas bien purchused in Halle, Germany, by Mr Wm. Donabue, at a cost of about \$60,000, and will be received here early in the spring. The company has contracts with farmers in the countres of Rouville. and Mississquot for 1,500 acres of beets, and, since the enlarged capacity has been decided upon, 500 acres more will be required, which the management is confident of being able to obtain without any difficulty. The factory is situated at West Farabam, which is intersected by three lines of ratiway from different directions, and will be ready to commence operations early next fall. The company holds a copy of an Order in Council of the Quebec Government, passed last spring, to draw the Provincial subsidy of \$70,000, perable in ten yearly instalments

The Montreal Garette says - " Wo understand that the proposed reduction of duty on satisfifrom 30 to 25 per cont will not be made, as it would seriously interfere with the silk and satin manufacturing industry now growing up in Canada. In this connection the following statement of Mr. Corrireau, of the Corriveau Silk Factory is interesting - We are now doubling our machinery for the webbing of broad goods, silk and satin, and also plushes, we started ribbon making a few wicks ago, both sik and saun, and we are going into it on a large scale, and in a month intend to have silk handkerchiels turned out. We were the ploneers in weaving broad goods and also ribbons. Our dyes are said to surpass those of Lyons and England, and of course outstrip the Yankees. Moreover, our goods are acknowledged superior in many respects to imported goods. At present we can only supply one-quarter the demands made upon us from all parts of Canada. We enlarged our mill last week and added new machinery, and expect another car load in two was. We employ 100 hands now, and if the teriff is not changed would send the number up to 200 men."

Kingston Jens . The building material for the ealergement of Messrs. Chown & Cunningham's foundry commenced operations. A Times reporter was shown is being laid down in that locality, and operations will commence as soon as possible. it is anderstood the extension will include a spaceous thow room "

"An engineer, writing from St Catharines to Kingston, states that times are to be particularly good this scason in his line. The engineers' pay there and at hore Dathousie will be \$65 per mouth, board included, and fitting out supplied. Ringston engineers are to receive \$50 per month, a difference of \$15.

"The New Era is jubillant over the prospects of Hatifar. It is happy to be able to assure the people of that city that there is a very strong probability, amounting almost to a certainty, that the long desired graving or dry dock will soon to commenced and pushed to completion. Some Londoners with a capital of a million and a half of dollars are seeking the privilege of building it. The A w Era also finds a pleasure in the fact that new lines of freight ateamers are to be established between Halifax and Inverpool and Halifax and Brazil, in the early opening of two sugar refineries, and in the adrance in the value of real estate "-St. John Sun

North Sydney Herald -" The enterprising people of Prince Edward Island are awakening to the advantages to be derived from the establishment of manufactures afforded by the National Policy. The mechanics and capitalists of Charlottetown recently held a meeting at which the subject was thoroughly discussed, and wars and means towards the desired end considered. in this connection the Charlottetown Examiner tays -Coal and from can be laid down here as cheaply, the raw materials can be had here as cheaply, wages are as low here as elsewhere; and provisions, etc., may be had in abundance at first hand. We should me trans-manufacture the clothes, including the boots and shoes for our own use, and we solght with advantage export many manufactured articles to Cape liteton and New-foundland. We have the money. All we want is the

s disable rats in seri . ц - 150≉ a, liste ng at A. Lean lea

on tog Dutch Verti ex: Mary : (d) (1.6) 14 × × أيسانيزو y pal ul itt ia, wan cid la towart

erusa vel la it they ginesia րեռնա 1arily posite r bare lain

A canal boat tend of 219 tons can be moved from little falo to New York for \$297, or 57 cents per bushel, making the total cost of carrying a bushel of wheat from Chicago to New York 8.55 cents, against 10.35 cents, as stated above, to Montreal. This statement must, however, be qualified to some extent, since & vessel carrying 60,000 bushels cannot reach the ele vators at Chicago, except the two at the mouth of the river. When the new Welland canal is opened, the largest class of take wessels will be able to carry grain Kingston at a rate only a fraction higher than that to Ruffalo, and from there it can even now be barged to Moutreal at a very reasonable rate so that the conditions for reaching tide water will be exactly revened the Canadian port will enjoy a decided advantage over its American rivate and Canadian vessels will again be in a position to carn substantial rewards instead of realizing only working expenses, as they bare been doing for some time. But it will be quite useless to spend millions of money in making a cheap lighway for getting grain to Montreal unless the people of that city make an effort to compele with their tivals and enable sesgoing versels to take the produce cheapty from Montreat to its European destination. This effort they have not made. Post charges, pilot charges, towing charges, and all the various imposts upon ocean shipping, are higher at the Canadian city than at Boston, New York, Philadelphia, or Battimore Some of these charges are necessarily higher, owing to the greater distance of Montreal from the sea, but some of the most onerous are quite within the reach of remedy, For example, the wharfage charge on steamship at Montreal is 14 cent per ton per day, and various charges are imposed upon merchandise. Grain (ex-cept oats) pays 25 cents per 100 bushels. On sailing ressels the whatfage charge is \$ of a cent per ton per day. At Boston there is no whatfage charge on res sels, and the charge on goods is low. On grain loaded at the elevators there is no charge. At New York the wharfage on vessels is 8 10 of a cent per ton for a vessel of 1,000 tons; when loading or unloading grain, free There is no what sgo charge on goods. At Philadelphia atemmships pay 1 cent per ton per day, and sailing vessels from 1 to 1 of a cent. I here is no charge on goods. At Baltimore there is no charge on vestels at the railway wharves, but at other what wer & a cent per ton per day is charged for attamships and 1 of a cent for sailing vessels. Train pays 25 cents per 100 bushels. It will be seen that at Montreal the harbor expenses are much higher than at any of the American cities. Mr. Patterson, the secretary of the Montreal Board of Trade. suggests that the wharfage charges should be promptly repealed." He believes that then "the Harbor Trust could give attention to other reductions and becommics, which would soon make Montreal the cheapest port in the world for the sca-golf & craft of all nations," In pilotage charge means not an equal discrepancy between Mentreal and American cities, except in the case of Boston. These charges are for a vessel of 600 tone: Boston, \$117.90; New York, \$172.80, Philadelphia, \$162, Baltimore, \$180; Mon-When distance from the sea is taken into account, the Montreal charge is far lighter than any of the others, still the fact must not be forgotten that as an actual charge on shipping it is the heaviest. Tonnage is a more serious matter. For a 600 ton vessel the charge at Boston, for towing inward and outward, is \$70, at New York it is the same, at Philadelphia it is \$128.75, at lialtimore, \$284, and at Montreal it seems to be between \$500 and \$600.

THE CANADIAN PACIFIC RAILWAY

[London Globe, February 2.]

It may have been noticed that the cable has just brought the news of the retification by the Canadian Parliament of the contract entered into between the Duminion Government and a syndicate of English French and American capitalists for the construction of the Canadian Pacific Raliway. The significance of this news is, perhaps, baidly sufficiently realized in this country. A railway nearly 3,000 miles long, reaching from the Atlantic to the Pacific, and traversing west sections of as yet undereloped territory, has crased to be a novelty, and, therefore, the announcement of such a project falls, to some extent, to secure attention from the public at large. But, in the prescut tostance, there are several reasons why more prominence should be given, and greater beed paid to the undertaking to which the Covernment of the Dominica and the syndicate have mutually committed themselves. For when the Union Pacific Rallway was being built the population of the United States averaged 37,50,000, its revenue 70,000,000, and its total trade 13,000,000 sterling. Canada, on the other hand, new has a population of 4,000,000, its revenue during the past financial year was, in round numbers, £4,00,000, and its total imports and exports, £35,500,000. We are accustomed to ecknowledge the go abraid qualities of the clizens of the great Republic; go abread qualities of the chilzens of the great Republic; but surely the contrast presented by these figures, without considering the relative development of the two countries, is striking enough to had us to respect also the enterprise of our Canadian fellow subjects. But is the enterprise of our Canadian fellow subjects. But is not the responsibility about to be undertaken more than the country is justified in assuming? The answer to this the first to suffer; and when it revives, he receives that the first business and the majority of its people think not, and are convinced of the advasability of building the line at coace. The best justification of their policy is, however, to be found in the advantages which will end, home and elothe the laborers—what is the policy is, however, to be found in the advantages which will and only understained the construction of will and only understained. When it revives, he receives that its Ministers and the majority of its people to the formation when the proposed fractions. The formation wheat shipments for the week are 143,500 qrs. to this country, and 60,000 qrs. to this country, and 60,000 qrs. to the Continent; of maize 89,500 qrs. and 30,000 In 1879 the shipments we that pittance the manufacturer has nemally been able quit. There were also exported 75,000 tags of flour that pittance the manufacturer has nemally been able quits. The to the Continent; of maize 89,500 qrs. and 30,000 In 1879 the shipments we that pittance the manufacturer has nemally been able quits. The to the Continent, of maize 89,500 qrs. and 30,000 [qrs. to the continent; of maize 89,500 qrs. and 30,000 [qrs. to the continent; of maize 89,500 qrs. and 30,000 [qrs. to the continent; of maize 89,500 qrs. and 30,000 [qrs. to the continent; of maize 89,500 qrs. and 30,000 [qrs. to the continent; of maize 89,500 qrs. and 30,000 [qrs. to the continent; of maize 89,500 qrs. and 30,000 [qrs. to the continent; of maize 89,500 qrs. and 30,000 [qrs. to the continent for the week are 143,500 qrs. to the continent for the week are 143,500 qrs. to the continent for the week are 143,500 qrs. to the continent for the week are 143,500 qrs. to the continent for the week are 143,500 qrs. to the continent for the week are 143,500 qrs. to the continent for the week are 143,500 qrs. to the c

SPIRIT OF THE COMMERCIAL AND INDUSTRIAL PRESS.

The major that the comment is the control of the immense. We have lately leard a good deal of Maui-tobs, and this in itself is matter for congratulation. But there is some risk that it may be thought that Manitoba, with its present limited boundaries, monopolizes all the fertile territory in the interior of the Dominion Nothing could be further from the truth. That interior is equal in extent to felly ball, if not two-thirds, of Europe, and Manitoba is a small but rapidly developing corner of it. The prairie region of this vast territory is estimated to measure about three hundred million acces, and of this Professor Macoun, by whom it was specially explored, calculates that one-half is fit for farming and grazing purposes, and some 80,000,000 acres suitable for cultivation. Then there is the moundain region, with its great mineral wealth, coal of capital quality, and iron existing in profusion, and the "color" of gold being found in almost every river in lirtush Culumbia, and lastly, the woodland region, less valuable whether from an agricultural or mineral point of view, but still of wast extent. The new railway, when built, can, of course, directly affect but a smail portion of above serritories. But with the tide of congration setting in, as it now appears to be doing, among our tenant farmers, the influence it must necessarily have in developing the country will inevitably be great and far reaching. Take, for example, what has occurred in Manitoba during the last two or three years, store continuously with it has been improved. In spite of much misrepresentation as to climate, the province has grown enormously—its population is now over 75,000; villages are springing up even in the most remote obstricts, and settlers are locating themselves in all directions. Winnipeg, its capital, described by Lord Duffern as the half-way house of the continent, and the future "umbilicus" of the Dominion, has, in the course of the last decade, increased the number of its inhabitants from a few handeds to appearls of 0.000. And much a coll is few hundreds to upwards of 0,000. And with a soil is many districts admitted to be among the most fertile in the world, with a climate unquestionably healthy, though severe; with inideral wealth, the extent of which has not yet been gauged; and with a system of water-ways it the form of lakes and rivers which cannot be qualied in any part of the glube, it is manifest that all Canada wants in this respect is the development of per resources, and us the necessary first step towards this resources, and us the necessary first step towards this end the construction of a Canadian Pacific Italiway is called for by the needs of the country, and justified by the most immeasurable advantages it will confer. The work of development, like the building of the line itself, must necessarily be a matter of time. The two will, in fact, go side by side. And just as land which is now nominally worth a dollar an acre, or which can be had almost for the asking will by the next generation have assumed a real and high market value, as we have justiful assumed a real and high market value, so we may justly assume that the Canadian Pacific Railroad will be the means of contributing goestly to the progress of the Dominion, and thus, adding alike to the prestige and wealth of the Empire.

THE LABORERS STAKE IN PROTECTION

(Chicago Industrial World)

Free Traders are accustomed to charge that our present tariff policy 1 a device to tax the rest of the community for the benefit of the anusfacturer, but it is a great mistake to suppose that the protective system is designed for any particular class of our citizens to the exclusion of the other classes. Its manufactures and the mechanic arts, a new demand is created for the services of labor, by which the price of those services is enhanced. Wages, like anything else, depend upon the law of demand and supply. When manusciuring establishments multiply and flourish, there will be an increased demand for labor, and it is then that the poor man receives the greatest reward for his toil, it is then that his income is the largest, and that his purchasing power socures the most abundant return. Many, very many, of our hardy laborers possess no property that amounts to anything except their ability to work—no capital but their physical frame and its guiding mind. Now, by protecting our home industry, we enable the poor man to earn a larger sum, and in doing this we, to all practical purposes, increase the amount of bis capital, or, which is the same thing, make his present capital more productive. If the laborer, by the en-coungement given to home industry, is enabled to earn \$30 a year more than he could have carned without this atimulus, we actually, for the time being confer as great a favor upon him as though we had deposited \$500 at 6 per cent interest for his benefit and secured that interest for his sole ownership and uso. Thus does the laborer, who depends for a livelshood on biring his services, have, more than any other class of the community, an important stake in protection. The rich capitalist has much less of a stake in this policy. His tens of thousands would perhaps yield him a greater return if labor was de-pressed, and the staples of agriculture were rendered heaper, but the industrious laborer, who depends on the fruit of his own toll for the support of himself and family has a direct personal stake in maintaining the price of labor at comfort wages. When production and trade are langual, embarrased, or stagnated, he to the first to suffer; and when it revives, he receives

defenceless-the poor man, more than any other, needs the forteeing regard of national authority. The rich min can, in a great degree, protect himself; but the man who carns his bread, from day to day, by the awant of his face. he it is who most requires encour exement and help through protection scalast unequal foreign competition. An unrestrained importation of manufactured commedities into the United States would be disastrons to the rights, interests and position of labor, especially to its rate of wages. this land of interty, it is essential that the laborers social condition should correspond with his political franchises. The importance to every coun-try of good pay to labor has been stated in very clear terms, and in a very forcible war, by the Envlish writer, J. R. McCulloch, in his work on "The Principles of Political Economy,' as follows - The lest interests of society require that the rate of Wages should be elevated as high as possible; that a taste for the comforts, luxuries, and enjoyments of human life should be widely diffused, and, if possible, interwoven with the national habits and prejudices. A low rate of wages, by rendering it impossible for increased exe-tions to obtain any considerable increase of comforts and enjoyment, effectually hinders any such exertions from ever being made, and is, of all others the most powerful cause of that idleness and apathy that contents itself with what can harely continue animal existence. The experience of all ages and nations proves that high wages are at once the keenest spur, the most powerful stimulus to unremitting and assiduous exertion, and the best means of attaching the people to the institutions under which they live." These are maxims which lie at the foundation of national prospenty in its highest state. All wealth proceeding from production, and all production proceeding from labor. the welfare of labor cannot be neglected, in passing or in not raceing laws, without tringing re-tribution in the abape of declining preseperity. Man's epicit and condition sink with his wages. If his pay Is too small to afford any large hors of life, his first sacrifices and privations will be such as pertain to his moral and mintal natures. Moral comforts will be dispensed with before any if the material needs of the body are given up. Intercetual food will be surrecdered in preference to stinting the demands of the stomach or of the back. When there is a struggle for bare subsistence—a continual effort to get from one meal to another, and out of one day suto the next, without unsatisfied hunger—the laborer loses t e best qualities of a true manhood, because he loses selfrespect and incentives to self improvement. He is compelled by his nocessitous circumstances to subject himself to a round of degrading tenden ics, and to firmit his aspirations mainly to the gratification of his of his animal wants, there being of a kind which are Imperious, threatening disca c, suffering, or death when they are inadequately supplied. It is impossible to have a high degree of soul tary excellence if the rate of wages is graded no higher than the fact that there are mouths to be filted and limbs to be clothed, heads to be sheltered and bodies to be warmed. The statesman who does not look much further than that in legislaadvantages extend to all callings and employments; does not look much further than the in regions advantages extend to all callings and employments; ting for the benefit of labor—who does not especially still no one derives greater benefits from it than the regard the bearing of his measures on the mind of the regard the hearing of his measures on the mind of the nation—is unfit to touch a single one of men's greatest interests. Unhappily, those who are called statesmen have seldom comprehended the sacredness of human nature and human society, or learned that the most valuable of all laws are the ones which help men to unfild and exatt the spirit which inhabits his physical frame. The elevation of the individual, through full opportunity to quicken, to ettengthen, and to improve his moral and mental powers, is the proper end of social lastitutions, and should be their constant and supreme object, but this sort of progress not only stops, but retrogades, whenever the rate of wages for reduced so low as to permit the satisfaction of scarcely more than the animal wants of a simple tiring. Is It is crowning giory of the protective tariff system that it uniformly advances the tale of wages, clevates the laborer's condition, kindles higher aspirations in his soul, effers him the opportunity of rising in the world, and impacts a nobler excellence to the societary for-

BRITISH AGRICULTURAL NOTES

concerned in maintaining the protective policy.

matten. For these reasons every laborer is deenly

From the repeated floods grass lands are suffering deterioration as the finer grasses die out and give place to the coarser and less nutritive herbage. Liver complaint is increasing on these wet pastures, and "flukes" in shrep have become disastrously prevut-Another great loss resulting from the wetness cat and coldness of the mealows is the diminution in the yield of mitk by cows fed thereon-20 to 30 per cent as proved by recent returns from Levi-terelite and Derlychire The contract price for milk this season Derbyeblee The contract price for wilk this reason is 7d per gallon, at which sate the farmer requires a naximum yield to pay him. Last week three bright days allowed drained lands to be well worked, and the akylarks asing merrily over the ploughnen in Hamps

To the Belitor or . be Catotte.

BIB-Among the many benefits conferred on the cost try by the adoption of the National Policy, the car reflaing interest is one of the troot satisfact of tariffact regards this industry seems to have less, well considered and thought out that it has an appliable all that was asked or expected by these we advocated the change. It has worked so well be a wooder is there should be any one opposed to it in there are some people who are so retrow in there that they allow their own little private interest to be their judgments on questions affecting the grants of the country. I have come across a specialization by the member for Kingston, Mr. Gunn, and the clares himself as dissatisfied. Kingston has always the reputation of being a rather slow place, under a last to judge of the character of a city from the kingston has a subject to the reputation of the character of a city from the kingston has the send to accept for them in the members they and to accept for them in the members they are described to the minute them. members they send to speak for them in Paramerather incline to believe that the reputation of will soon be well deserted. Mr. Guon quotes from Messes. Tilla Brothers, of this outs to still his views. The burden of the complaint is that bare lost their trade in importing sugar. Mr. 13. and inform his bearers, how many direct a gas sugar were imported luto. Canada during the man path's reducery was closed. I only knew of two interest and storage until it was sold to a Bottick at a great loss to the owners. This was a pretty gar proof that raw sugar was not wanted here will say refiners of our own to prepare the augar so use in a saleable for ordinary use. The trade during risks was confined to jobbing houses who get the man from Boston, New York and Ulasgow, but had trade there was noc. That the trade has been trade trade there was noc. That the trade has been served from the jobbing houses and from he is Boston and Glasgow, but the hands of the relicion and got their susplies of raw sugar direct from parts a production, thereby restoring our direct trade which a had foolishly lost, nobody will deny. This was now the advantages sought, and we have got it. It was not are making money i think we should all rejuce over a are making money a total was aquitif at rejuce or a fact. It is much better that the product in the manufacture should remain in the country thin go may pockets of outsiders. The next and riost into mapping point is the one of cost or benefit to the constitution bare bad an experience of thirty years in its tools at I can safely say that at no time has the return by better merced than he is now and at no time is better served than he is now, and at no time has becomesumer got better value for his money. The last all, the sugar we get now is better and purer t and me got supplied from the American and Scotch when Dr. Edwards' late reports prove this. Mr. Gunus comment about loss to the revenue is sherr numerical the daty is not collected on the refined auger it is in raw, so where is the loss to the revenue? The quantity of monopoly will not stand argument for a mom at a addition to Reductb's religery, which can turn out an than the requirements of the whole Dominion, we use the St. Lawrence relinery in Montreel, then we use another at Museton, N.B., and a fourth just communic manufacture at Halifax, besides some beet room age factories in the course of organization, so that course tion will prevent any monopoly in prices, and with each will vie with the other in producing a go. d st. if Seeing, therefore, that the change so wisely made in restored our direct trade from places of productions from the cheapest markets for our supplies, that we see of manufacture is steet in our own country and us's consumer gets supplied on the very best terms, and dequality infinitely superior to the time when he is is depend on New York, Boston and Glasgow, would is wise to agree to Mr. O and's angerations and take a way ward step? Does Mr. Gunn want to be a pediation American and Scotch refiners? It is surely more by ing to be competitors to these people than to it the consumers. Mesers Tiffic and Guin ought to be now parious and not set up their own little selled as against the whole country, which, I conjend, are ave being felly met by the present policy.

I wish I could say as much about the term as orally he will be being the country.

the wine business, but I cannot. The terill as nated wine, is one that cannot be sustained on any grant WISALETER whatever. The revolve is not benefited, notice is de importer, the dealer, nor the consumer; but of this is a tare something to say on a future occasion, I AM,

Your obedient serrant Atax Mounts

Montreal, March 3rd, 1881.

CANADIAN AND BRAZILIAN TRADA

The prospectus of the company trading under the 150 of "The Uanadian and Brezilian Direct Mad > 120 whip Company," is now before the public, d. at 25 merits and proposed traffic arrangements. The arrivation of the company are reversily connected with the 25 commerce, as regarderall ways in the Dominion such contact contact.

CIAL OPPRATIONAL The company has chartered steamships to come the traffic at an early date, and is saugume is results stipulated in their prospectus. Mr II Macdongall, of Montrea, has been appointed to sutroduce a portion of the company's stock on last dian excharge.

Mr Mackay, of he Public Works Department and understood, occupy the position of General Traffiction has had extensive and practical acquaints of railway matters, both in England, in Ind.s and Understand Administration of the Communication o onies, and is well adapted for the organization and confing out of passeoger and traight matters.

The various rates regarding passeogers and final will be published in the course of a few days.

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WEEKLY REVIEW.

The state of the s

Hannu era .- There are no changes to report in this market for the past work, but the trade is suffering seerely from the keen competitionfund come quent cutting of prices in heavy geodsby the houses here and in Hamilton, in competition with afortreal. Orders have been looked in several cases at prices which were quoted regardless of profit and in some instances be-Moutreal will have a is nefficial effect on the markets here, but up to the present to change is apparent

West -Inactivity prevails in this market and prices ire in the bands of the manufacturers, who, however, are holdless off in expectation of a further decline. Comburg nooth are quoted at from 27 to 29, superior pulled 29 to '0, and pulled at 35 to 36.

Dates.—There is a good general demand, and some

from saforn supply Prices are generally firm, with advances in Canilla, Jalab, American saforn, septandra root, quinine, chillies, cardamons and sungreek seeds. The tollowing are easier expentaria, pink root and potsessium

real, 35c; St. Lambert's to St. John's, Q., 47c. Duralism to Lennexville, 53c; Waterville to Coalicooke, 55c. Danville to Chaudiere, 60. Doucetts Landing, 45c. Point Levis, 55c; Quebec, 55c; Island Pond to Falmouth etc. St. Haralise Literate Includes 50c. Falmouth, 65c, St. Henri to L'Islet, inclusive, 60c, St. Jean Port Joli to Riviero du Loup, inclusive, 65. Carouns to Moncton, inclusive, 700. Point du Chens (for golf porte end Princo Edward Islands, traffic ctor guif porte and Prince Edward Islands, traine only, 70c, Humphries to Amherst and Point du Chene, Boundary Creek to Colbrook, inclusive (except Salisburg Junction), 75c, Nappan to Richmond, and Fisher's Grant to Valley, inclusive (Truro excepted), 75c, Pictou, Truro, Halifax, New Glasgow Junction (for Halifax and C B railway traffic), 65c. Windsor Investor (for Windsor Language) Junction (for Windsor and Annapolis railway traffic only), 60c, St. John, N.B., 60c; McAdam Junction and Fredericton Junction, 60c; Carleton, N.B., 60c, St. Stephen, N.B., 84 Andrews, N.B., 60c, each. To England, cus steemers from Portland —Flour, 90c, catherel, 20c, cast barrel, the first harrels, 56c, per 100 oatmeal, 99c per barrel, beef in barrels, 56c per 100 lbs pork in barrels, boxed ineats, 54c, tallow and lard, 54c per 100 lbs, butter and cheese, 68c per 100 Ita, in lots not under 15,000 lbs, do in lots from 5,000 to 15,000 lbs, 78c per cental, oil cake, 45c per 100 lbs; flour and meal in sacks, 45c per 100 lbs. apples per barrel, prepaid, \$1.13 for lots of 130 bar-

rels or over, clover, 68c per cental Ocean freights quiet and firm. From Philad-Iphia to Continent, 6,001 qrs. grain at 4s 3d , to cast coast of Ireland, 5,500 qrs at 4s. From New York to Liverpool, atcam, 10,000 bush, grain at 54d. To Glasgow, steam, 40,000 bush grain at 54d with risk. To Cork for orders, sailing ships with grain quoted at 50 per

CANADIAN CATTLE IN ENGLAND

Habiax, March 8 .- The statement made by Sir Alex. Campbell in the Senate vesterday regarding the cargo of cattle shipped from this port in the 85 City of London, by Messra. McLellan & Fader, has created considerable excitement among our cattle shippers. The ship sailed on 19th February, with 317 head of Nova Scotia cattle and a number of sheep. On the previous voyage she carried a cargo of American cattle from New Yerk, which had foot and mouth diseaso, but she had complied with the necessary regulations, the 30 days had elapsed, the ship had been well cleaned and whitewashed, and the cattle were em-barked, Mr. McLellan going across with them. They must have experienced rough weather, for 20 cattle and 150 sheep were lost overboard. Mr McLellan cabled rafe arrival, but said nathing about disease. iva Scotta cattle never had foot and mouth disease. Mr. Fader does not believe they contracted that dis-Mr. Fader does not relieve they contracted that they may have middle of the week, was improved. American red contracted some disease and Sir that A T. Galt has been winter and Australian to the extent of is advance, united the subject of the week, was solely due to the patient of disease McLellan would certainly have said so Ansupplies and buyers are now waiting for prospective other cargo of Nova Scotia and New Brunswick cattle supplies. misinformed on the subject. If they had foot and mouth will be shipped on the American cattle SS Thanemore, on Thursday.

ACTIVITY IN THE COKETRADE.

Western Pennsylvania contains two regions utterly unlike in character, and at the same time absolutely unique in their way, and which cannot find duplica-tion on the face of the globa. In the north-western portion of the Commonwealth the oil regions form one of those peculiar areas, while the south-western inductry is the coke regions just now the scene of intense activity, the plum for which railways are eagerly reaching, and a place full of interest even to the tra-veller who makes through the region by remand is forcible minded, by the everlasting flames and sulphurous furnes, of that place which Beb Ingersoll declares is not. The recently begun activity in the fron trade, the "blowing in" of furnaces long cold, the bullding or new foundries, and the growth of the smelting trade in the far West and clowbere have all contributed to the present state of energy displayed by the code making trade of the Connellsville regions barely one-half that obtained during the spasmodic production and exportation may be fessened. In advance of a vest or so ago, yet it seems sufficient to not only keep every oven of the regions in activo operations, but to start work which will result in the completion of nearly 2000 ovens tubre. To obtain some facts regarding the trade was the purpose of the writer in visiting aeveral gentlemen posted in the business. Among these was Captuin John F. Dravo. the oldest of operators in coke From him about 10 008,000 bushels, and South Russia nearly as the oldest of operators in coke From him about 10 008,000 bushels, and South Russia nearly as and from others the following facts were much, and other countries amaller amounts. The obtained The use of coke in blast furnaces United States furnished about 60 per cent. of the obtained that of the countries of the people of gross amount of wheat purchased by the people of gross amount of which the people of gross amount of gross amount of which the people of gross amount of gross amou Bonnett & Co., of this city, first need the article with Great Britain, and with these figures before them it success. Previous to that time the "block" coal of is no wonder that the farmers of that country turn Olilo, and charcoal, was used in the reduction of ore their thoughts to America when disastrous success in blast furnaces. Coke had been made in the Cor- come upon them.

his bould regions some four year chemic the time ruch the ded but no their was no emmonentiem with this 4. over March 9th, 1881 [city except to energy roke was sent part our trinues at twee table active to ex-Stocks—To stock near twee fails active to my majoradily famous and elsewhere atoms the reversible to monetions velous follows. Blink of Money majorad the real model of the start of the st mild to transitions versus statements. Brink of Mon-field sates to the first bank sout food flunk of Com-tical sates to the first bank sout food flunk of Com-tical sates to the first bank south food flunk of Com-tical sates to the first bank food flunk of Com-tical sates to the first bank food flunk of the food for the first flower than food for the food flunk south sates to the food flunk of the flunk of the food flunk of the flunk of mg and I can Association to at to 3, Maintoba Louis, the Connelleville coke is made lack testingtof, well-de-PROPER - The flow market four rated decidedly regions in a workalde vem to feet thick. The same tomer during the past week, and several large make properties, it is true, are element for the Colemdo have taken place, more particularly of superior extended to the deposit is not known as a risk to truet quotations. Spring wheat has also been in both the Pennsylvanon voin. I have deposit of coal crops teredomand at full rates. Full wheat is in quied for cut at its northern edge at Bhursville, had one county. out at its conthern edge at Blansville, halima counts . and some shipments have been made for expend and is traced as far as its southern outcome of MC. Pens, onto and barb's ore steady at quotations without, W. V. The custom and we stern limits as from two to four miles apart, and the coal fit for colelog comprises eight feet of the ten feet alludes to In its nature the cost is so much softer and workable than the littsburg vein of thinner and harder coal that a miner can double his duty entput in working the sefter fact. The number of overs now in operation in the region is placed at 1 00 ; and between 1 500 and 2,000 are in processor construction at surrous points These are all of the bechive pattern, twelve feet in diameter, eight lest high, with a two foot circular opening in the open and an orched decreasy let into the wall at the base. They are built of fre bilek, and are scharged with 100 to 125 hushels of coal at each filling. This coal weighs in pounds per bushel, but 100 bushels of oal yields 125 bushels of coke, at 40 inches, the all supply cut off almost entirely and the heat of the surrounding fire brick, left iroin its previous charge, converts the coal into coke in 30 hours Extra hard, or 72 hours coke, is the product of a charge which has remained in the ovens over Saturday, Sun-Fazioura—Aro unchanged, and the rates are as follows: to Believille, 24c per turnel, Shannonville to region is given at 100 to 120 bushels every alternate region is given at 100 to 120 bushels every alternate day, or 350 bushels per week, the total number of cornwall, 35c. St. Tamberts to 38. Labora O. 47c. Dura production is readily found to be 2.100,000 bushels per work This output is, however, restricted by the want of care, many firms shipping only a few days each week. But making all allowances for this and other causes the total product of the coke in the regions for the present year will be something enormous. Pitts-burgh coak finds ready sale on the shores of Lake Coamplain, in Canada in New York, Philadelphia. Baltimore, Chicago, all parts of Ohio, St. Louis, Omaha and other widely distant points. Its chief merits are the following Proportion of fixed carbon, great the influences of texture and freedom from sul-phur. An analysis shows the following component parts

Bitumen and moisture 6 44 59 80 Ash Fixed earbon Sulphur 100 00

To operate the 6,000 ovens of the region it requires the services of an army of 4,000 men and boys, and each oven represents in capital invested in lands, ovens, machinery, etc., the sum of \$500. This gives \$3,000,000 as at present so invested. Coke lands are worth, when the sein is favorably located, from \$300 to \$500. As showing what the railroads abute of the coke must be it is only necessary to state that for the fifty miles of transportation between the regions and tide city the freight in \$1 10 per ton, to Chie 180, \$3 50 per ton, to New York, \$4.00 per ton Twelve tons mases a car load and no one can limit a cir loading coke on it, and it does not require a car of spec al build to hold is, and at there rates cars are new so scarce as to seriously disturb the filling of contracts by many shippers, shipments it my only possible three days in a week. A queer cature of the coke making trade lies in the fact thut every twenty-four hours 100,000,000 cubic feet or g is is wasted from the ovens. It is this preduct of combustion which a Pittsburgh corporation proposes to bring to the city in a 24 such main, and thus heat our residences and operate our pudding and besting furnaces - Pateburgh Telegraph

THE BRITISH GRAIN TRADE.

London, March 7th -The Mark Lane Express, in a review of the British grain trade for the past week, in consequence of the changeable, damp weather, the agricultural prospects at the beginning of March were serious. Little progress in sowing has been made since Christmas. The young wheat crop is in a favorable condition. Good home grown samples, from mere scarcity, advanced is 6d to 2s on Friday, both in London and the Provinces. Bad wheats were unchanged and neglected Foreign wheat, until the

Newmerket, Ont., 9th—The Lundy flour mill was burned to the ground this morning. The stock was insured for \$1,000 in the Western.

Toronto, 7th.—Fat cattle, having been fed all winter, will soon be on the market. Lively times may be expected at spring fairs. The demand will be greater than the supply, and prices may be expected to advance rapidly. There is a great demand for borsos.

Messre. Munderloh & Co, who have setted for rears as representatives in Montreal of the well known White Cross Line, have revelved a cable despatch from the owners, Messre Steinmann & Ludwig, Antwerp, announcing a regular monthly line of steamers between Antworp and Montreal

-In a circular recently issued by the Austrian Minister of Commerce, the attention of Austrian millers is called to the present immense importation of flour from Germany to Austria. In 1879 the total amount was 45.441,005 kilagrams. The Minister thinks that this can only be explained on the ground of the in-fertority of the system of production adopted by the Austrian millers. He invites the railway companies to reduce their freight charges, so that the cost of enclusion, he invites suggestions as to the causes of the cult.

-In addition to the amount of breadstuffs taised in Great Britain last year, there were imported into the kingdom 1 9.925 313 bushels of worst, or 1's equivalent in flo ir. Of this amount the United States supplied 84,433,632 Unshels. The Capadas contributed about 10,008,000 bushels, and South Russia nearly as the escape of the cation arising in in the oral outline. A dead this has now been played in a least of the warm. laboratory of an eminist chemist, and covered with charcoal to the depth of fetween two and three mesas of storing oxygen, reports favorably as to the results. In a hox or case containing one cubic foot of that cal, may be stored, without mechanical compression, a little over nine cubic feet of oxygen, representing a mee banical pressure of 126 pounds on the square inch. From the stere thus preserved the oxygen can be drawn by a small hand pump. From the fact of the charcoal at sorbing exygen in so much greater proportion than nitrogen, we have here a means of utilizing its discriminative powers of selection in oldsining unlimited supplies of oxygen from the atmosphere, which contains nitrogen five times in excess of its oxygen, or twenty percent. , whereas, by the separating or selective powers of the charcoal, the mixed games capable of being extracted from it contain over sixty per cent. of oxygen. It only suffices to withdraw this now hishly oxygenized air into another vessel of charcoal, by the further exposure to which the proportion of oxygen will be increased to a still greater extent. This indicates a most feasible means by which atmospheric air can be decomposed in such way as to provide a chesp supply of oxygen. One cannot readily recognize the fact, which is nevertheless true, that the condensing power of charceal, as applied to ammonia, is equal to what would be ebtained by subjecting this gas to a pressure of nearly 1,260 pounds on the square inch.—Scientific American.

LIGHTS AND LIGHTING.

The importance of good light, to enable work to be done after dark, is very great, and during the long evenings when the hours of night encroach upon those of the working day, shops where orders are pressing feel the importance of some method of practical illumination. The first result of poor light is that the work is imperfectly done. The workman is not able to judge of the quality of what he is doing, and so the character of the product fulls off, even though he may do his beet. The quantity of work produced is also diminished, owing in part to the difficulty of seeing, and in part to the discomforts which are always entailed by an attempt to do anything by an imperiect light. There is always a wear of eyesight, two, which, though it may not be noticed at the moment, contributes to the weariness of the labor. A good light is a necessity in almost every manufacturing operation that can be named, whether carried on upon a large or small scale. In many of our manufacturing towns there are at least three methods of artificial illumination which are available for work on a large scale. First in order of intensity is the electric light; second, gas; and lest, oil; the latter, with the burners now available, having least power. The electric light, when it can be applied under even ordinary conditions, is very cheap, its coet being practically nominal. When the establishment has power available at night, the amount needed to drive the electric machine is so small that no ordinary establishment would ever miss the quanand all the other expenses will not more than double that figure. The consumption of carbons is not large. and with an outside estimate for power the total cost of a light of 1,000 cendle power for six hours would not be more than 48 to 50 cents. To this, if we calculate laterest on the plant, we should perhaps add 15 or 16 cents, making a total of about 65 cents for mix hours. The electric light appears to be applicable in all places where power is used and where an abundant and intense light is needed. There are drawbacks, however, to its use, and these are somewhat serious. The light given is not a pure white, it has a strong tingo of red and blue, and is notably wanting in the yellow. This makes the blues and rods, as well as all shades of green, unnaturally brilliant, while the yellows are exceedingly light. This causes the peculiarly ghastly appearance which is so characteristic of the electric light. Another fault is that the source of light is practically a single point; hence the shadows are as sharp as though their boundaries were marked with a kulle. This prevents the possibility of soft shades, and makes every shadow of the deepest black. The tendency of this is to cause all objects to appear flat, even when they are round. Until these objections are when they are round. Until these objections are ing down of the air pump valves connected therewith, damage to others, as in this case. Five or air persons removed the utility of the electric light will have or anything by reason of which the engine is worked were killed and one or two injured."

The state of the s then is need do except to the case of the electric tensible bulb when to the case of dispersing the dark shadows it is sometimes necessary to divide the light there can be sometimed by the control of the second with the control of the second of sain in the same excess of exygen over the nitrage getting more from the same amount of oil or gas, it bullers consist however, almost entirely of small cass table was a smoother, which a consist and which there and because one flame of double power on two flames; from spheres of tubes rendered harmless the noxious vapors given off by close together are more effective than two similar the carrier as they were being absorbed is doubtless thance separated by a considerable distance. The owing to the first above stated and the further fact of femon for this we cannot here discuss, but it is easily vent the explosion of steam hollers by placing a the charcosi never becoming naturated. A reader of demonstrated. Whatever light is used, let it be respectition across the boiler slightly above the water the Scientific Asserting, who has been trying certain membered that an abundance pays, not only in the line, providing an opening through this partition, experiments on the value of charcoal as a convenient amount of work and its quality but in a thousand which is adjustable, and the ugh which the flow of other ways. In the large cities, for example, an ateam can be regulated to be equal to the average abundant light is made to just for itself in ordinary intermittent flow required for the engine. It is shops, simply as an advertisement, and for this pur- claimed that this prevents dangerous variations of pose alone it is also quite valuable in the country. pressure on the surface of the water, hence prevent-liow much more attractive is the store or shop that ing explosions le well lighted then the one that is dark and dingy The subject is well worth the careful attention of our readers from a business point of view alone, independent of the care of the eyesight. Oils are everywhere so cheap at the present time, and gas in most places is so reasonable in cost, that liberality in this matter of lighting cannot be regarded as extravagance by anyone. On the contrary, it is true cconomy. - Iron Age.

HEATERS ON NON-CONDENSING ENGINES.

On this subject a correspondent of the American Machinist writes as follows. "Why is it that heaters are not in more general use on condensing engines? We certainly can get feed water at a temperature of with no noise save the hum of the fly-wheel, and 1000 from the hot well without a heater, but although without occasioning any heat on account of friction. we cannot hope to heat the feed water to as high a The pieton at this great speed was travelling 1,442 temperature as is obtained from the use of some heat-feet per minute, and the rim of the fly-wheel, which ere attached to non-condening engines, still I think was 7 feet in diameter, was travelling 9 055.78 feet the general efficiency of a condensing engine is increased by the use of even the ordinary feed water beater 1 think 1 can safely say that the pointer of the vacuum gauge on our lake steamers rately gets stationary engine quite remarkable. below 24. There are a few exceptions. The reason generally given for this poor vacuum is that to show 27 or 29 on the gauge, an increased amount of injection water is required, which lowers the temperature of the hot well, and consequently the feed water, so that we are prevented from getting the economical benefit of a better vacuum on account of having to ling governor ought to save at least half of that use colder feed water. Now, by forcing the teed amount of coal, or my \$1,500 per year; if the best water through a heater, on its way to the boiler, we amount of coal, or my \$1,500 per year; if the best water through a heater, on its way to the boiler, we can get out 27 or 29, if possible, and still keep up, if not increase, the temperature of said feed. Practically, a terminal pressure of five pounds above meto is a desideratum not often gained, as even in our best condensing engines seven or ten pounds is considered good. In that case our exhaust will be at a temperature of from 175° to 190°, so that there ought to be no difficulty, by the use of even a moderately long heater, in heating the feed water to 120°; and as the terminal pressure rises so will the benefit be more marked. Before giving the result of some trials with carried on upon a large or small scale. In many marked. Before giving the result of some trials with lines, indeed, so important is this that the length of our heater, I must explain that on account of the the working day in winter is always determined by confine being rather small for the work to be done we the hours of daylight, and always some before attiff-cut off as non-third of the stroke, which gives us a class light is needed. In the great cities and most imministering loss, it appears in the coal bills with undifficulties. Thus it is that some steam engines of unprofitable harvests, it may be from fear of America, it may being the boller pressure. The heater is built of boiler plate; such an one would be considered the worthy emanation of a country blacksmith shop, containing 110 one-luch lap-welded iron tubes 3 feet long for the passage of the exhaust steam. This is far too short for best results; but we were cramped for room and could not get the heater any longer. During the following different tests the steam was kept at a uniform boiler pressure of 55 lbs.; revolutions, 66 per minute; cut off, one-third of the stroke; terminal pressure, 23 lbs. indicated h. p., 291. When feeling tity needed for the largest light. With the present from the hot well, at a temperature of 102°, and price for coal, a horse-power can hardly be estimated partially closing the auction cock, so that the pump so cost in a large engine more than a cent per hour, got just water enough to feed the boiler, all the water passing through the heater going into the boiler, the temperature of the feed entering the boiler was 1570 the temperature of the injection water was 400 vacnum, 24. When feeding from a lake at a temperature of 40°, all the water passing through the heater entering the boiler as before, the temperature of food was 146°; vacuum, 25. When feeding from the lake, and the pump pumping its full capacity into the heater, what was not wanted for the boiler being allowed to pass overboard, after passing the heater, the temperature of the feed entering the boiler was 138°; vacuum, 251. Regarding the vacuum, I might explain that our condenser is one of those very unhappy mixtures of boller plate and cast from that require a separate ventilator to supply the air for the leaks, so as not to rob the jurnaces of their share, and of which the best word that can be said is that they are about dying of old age. But before we added the heater 22 was considered a booming vacuum. You will see by this that to an engine with limited condenser capacity the addition of a heater is beneficial in other ways than keeping up the temperature of the feed. Another advantage gained by the addition of a heater to a condensing engine is in case of the break-

The first of times participated to the interest of the state of the st

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-- An invention has recently been paterned to pre-

-An improvement on the furnaces of steam boilers has been patented at Birmingham, England, by which the oridging wall has openings upon the fire side with a hollow connection with the steam pipe or air pipe, which is led under the grate. A jet of steam is driven through the pipe under the grate which draws in air with it, and the whole is forced through the openings in the front side of the bridge wall. The idea being to ignite the unconsumed gases, making a very effective flame.

—A test of a high-speed stationary engine was recently made at West Sullivan, Me. The engine tested is a 14x21, which was designed to make 150 revolutions per minute. This engine was run up to the remarkable speed of 412 revolutions per minute, feet per minute, and the rim of the fig-wheel, which per minute, or 102 miles per hour. The highest speed for which any locomotive has yet been built being 1,700 feet per minute, makes this feat of a

-For ordinary slide valve engines the coal burned per indicated horse-power will vary from nine to twelve pounds; for the sake of illustration we will my ten pounds, and that the engine is of such sine as would require for a year's run \$3,000 worth of coal. Now an ordinary adjustable cut-off engine with throtling governor ought to save at least half of that amount of coal, or my \$1,500 per year; if the best coal per horse-power, a further saving of \$750 per year could be effected, or between the two extremes \$2,500 per year in saving of coal without interfeting in any way with the power, with the exception per haps that the automatic engine will furnish a better power than the former engine.

-Speaking of the causes of loss in the power of steam engines, the editor of the Mechanical Engineer mays: A loss of heat, from whatever cause of source, is a loss of power, and though it may be an some cause not discovered. The situation of the engine has something to do with it. The ateam pipe The situation of the of one engine may be exposed to currents of air which the other escapes; larger radiating surfaces are unclothed; in short, a multiplicity of causes, involving the loss of heat, affect the economy of the steam engine in a large degree.

-Foaming is either the fault of the water used or the shape of the boiler. The surest remedy is to use better water, or an improved boller. Some kinds of soft water contain organic greesy ingredients, which will cause appropous amounts of fears to be developed. Quicklime will help this in some waters, but then you may get scale in the boilers; hard water is not so apt to foam. When the boiler is of such a shape as to allow water to be easily thrown into the steam-pipe this may be a cause of foam, and the two south and cast large numbers of farms yielding causes may co-operate. If the water is used which has a tendency to foam, have a high steam dome nut on the boiler, and the inlet pipe for the steam so high that the foam cannot reach it. This is better than doctoring the water, which only helps temporarily, if it holps at all.

-The Boston Journal of Commerce, referring to a recent boiler explorion, sensibly remarks: "If any reliance is to be placed upon the report which has since come from it, a part or nearly all of the men employed about it had been in a state of semi-intoxication the night before, and were not thoroughly sober at the time of the explosion. If this is the case, it is only another of those explosions which, if the facts had not been known would have been dwelt upon at greater length by experts, with some mysterieus detonating theory or some other folde-rol. If people in the trade. It differed from all others to it. who are drank, or half drunk, are bound to manipulate a steam boiler and take their lives into their hands, they should certainly not be permitted to do almost an online absence of those chance which

the power of the point of the Phase temporary Williams of the formation of the following of thing a control of the war do structed contract of the structure of the st The state of the state of the second of the

> made of white lead, red lead to fine in a bodings. If the bolts are only bedden as roded from these patches are extraord, and and only allowable when held in pite types; tounding item.

-The almost incredible feat of mil boilers of wood was a complished there is Philadelonia, where they were used to toracito the pumps for pumping up the river with use of the city water-works. They, have a only two years, when it became so don as them steam-tight that they were abundon t boilers How was it possible to heat wat a conboilers? It was accomplished by having box 12 feet long, 6 feet wide, and 2 feet de Incide a rectangular wooden chest, is fall 9 foot square, made of plank neatly half to securely bolted together by iron rods possess a the planks. The iron fire box had eight a or of one foot in diameter, through which the war lated, and around which the fire acted, a store upward through an open flue, first above the icarried from the back of the botter to new to be and back again, when it passed out into the clause It was expected that these boilers would I be economical, on account of the non-conducting pre-erty of wood, and so they were to a certain streat as the bollers did not need any protecting coreng but, as already stated, they did not last, and a lang bollers were substituted, and used until) at the water power was substituted for steam power in the Fairmount water-works.

-Twenty years ago we began to understand the we had yet to periest the philosophy of the stage engine and that it was still apparently far from perfect efficiency. We then discovered that while or best engines were consuming from 25 to 10 pend. of dry steam per hour, the mechanical equivalents the heat supplied to the steam in the boiler was itficient to give about a horse-power per subst pounds of high pressure steam per hour, and have that we were utilising but one-tenth or one fittens of the heat we were paying for when we settled or coat bills. Next we found that, owing to the fac that we cannot practically expand down to a presum power than that due approximately to the temperture of surrounding bodies, that we must therein discharge heat unutilized; that the larger put of the waste is unavoidable, and that an engine, perist mechanically, and working within the manuse usually of practical limits, must waste three-loans and can return useful effect from but one-fourth of the heat supplied, thus placing the practical limit ask known conditions at about eight or ten posses steam per hour and per horse-power. And here we stand to-day with the steam engine, mechanish almost perfect, yet with a theoretical econourd about eight or ten pounds of ateam per horse-port per hour, while concuming actually, in the tent amples, about fifteen, fe, with an efficiency of also 70 per cent.

ENOLISH FARMERS IN DESPAIR

It may be from fear of America, it may be income. which experienced men, familiar with their was - beef remember before. They hardly look for any impact ment. They do not speak of the ball times as each tional. They do not, among each other, talk of jets Above all, they threw in the as sure to improve. farms on apparently light provocation Experience land agents notice a total difference of tone, in mixposition to haggle, a sort of determination to make none but low offers, and to stick to them. The bearts as they say, seem not to want the farms, and make offers, too low to be entertained, in a kind of spitely sport. Very often no offers at all can be of suband the land is either thrown upon the last state The fatter or hands or goes out of cultivation renco was formerly most unusual in threst famousal seems almost impossible, but there is no comb doubt the statements made that in every county " rents are lying idle, the landlords being un-ulirlet at low rents to men who ask for long lend unwilling to cultivate for themselves or able to be temporary loss. We know in our own expect district in which cloven farms, poorish to his soil, are deserted and untilled, and have real close ments of a quite extraordinary character in the a temptation to tenants. Of forms in the luchhands, and of farms broken into two or three the no end, while land in modest patches has me value in a degree which suggests a kind of the among tenants as well as lated buvers. Time feeling of hopolessness, in fact, abroad amous below of the latter class, and of reflectance to remain manness which of itself may produce important willingness to farm having been an important tion for a class-those who preferred country in were content not only with modest profits, 1 111 many walks of life are so attractive how that " lingness has disappeared .- London Economit

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MINING NEWS.

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OUR GOLD MINES

Lighter been discovered in many parts of Kings to it but heretofore its working has not been conside. The sands of the Gaspercaug river conand to life such quantities that an experienced miner no west out about a dollar's worth a day. The quartz it is South Mountain range is known to contain n'i ini inpitalista have never jet ventured to erect ruff or sink shafts to any considerable depth It erms, however, that a lead has at length been dise d that promises to be really remunerative; it is alled the Town Lead, and is about four miles from Beinink. It was discovered in spring, and was about ne toot wide at the top. The company have since noticed down some 18 feet and increased the width of he seam to six or seven feet. A fair sample of the he his been sent to Buston, and assayed by an ex-pendent metallurgist. The certified result is 1 on 10 at 13 gr or about \$30 per ton. One of this richness will well repay working, and it is said that an Ameriran company has already made an offer for the mine It seems a pity that some of our own capitalists could not take hold of this, if it is a good thing. There are said to be other leads in the vicinity, but the present owners need capital to develop them. Our moneyed nea should look into this matter — Wolfeille (N.S.)

HOLD MINING IN QUEBEC

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10. 10. 10.

This winter the work of washing the gravel is being carried on unintersuptedly by the Canada Gold Company, even in the severest woather. A short ramwar lends through a covered passage from the hoisting shaft to a thoroughly warmed washing house A tram car leaded with pay gravel, runs down the ramway by force of gravitation, and hauls an empty har on the opposite way back to the north of the As soon as the gravel reaches the borelled into a huge buddle or puddler. This is almply a large, water tight circular vat, with an uplight shaft in the centre. From this unright shaft a projecting arm reaches about two seet beyond the outside of the vat. A horse is hite; od to this arm, and walks around a sort of tow-pair outside the vat. Shorter arms project over the vat at intervals, and to these are attached small steel or iron harrows, which ere hauled around by the revolving of the shaft. The rat is supplied with plenty of water, and these little burrows keep its contents continually in motion, thereby precipitating the gold and other heavy substances to the bottom of the vat, while the coarse gravel and tragments of bed rock gradually work to the surface. This washed gravel is taked off from time in the sluices is usually only the gold, and what of magnetic iron still remaining are removed by means of a magnet.

The Causia Gold Company is at present employing about eighty men, and handle some twenty-five tons pay gravel por day during the winter months, and forty tone per day during the warm weather. The staff consists of Mr. J. N. Gordon, F.R.G.S.; M.J.M.E., I.R.S.S.A., chairman of the company; Mr. W. Moody, resident managor, and Capt. Predeaux, mining cap-

Next on the lead travelling castward, or up the vallev of the river, comes the claim of Mr. S. J Amsworth, of New York. This is lot 13, concession This is regarded as one of the most promisthe claims in the whole Chaudiere district. It is on same ancient river bed or lead as that of the saula Gold Company's location. Though as yet a considerable portion of this property is yet unprosprobed, there can be no reasonable doubt that this les ation contains a space of at least 2,000 feet along the leaf. So far Mr. Alnsworth has only worked a 4. 2 of 120 feet lengthwise of the veli, with cross-is in a few places showing a width of 180 f.et. In t. to mr as this 120 feet working is concerned, little more has been done than the mere blocking out of the the and though what little work there was done had full gave the most flattering results. Asyet, however, Mr. Air, worth only claims to liave made a commence. ment though he has everything now in excellent ships to begin work on a large scale as soon as spring "Pras In fact the appliances on this property for impany, hoisting, studing, etc., are of the most com-Parts and satisfactory character. At present Mr. unsworth is only working about 20 men, his object

For the chain begins of hait water-ditch at my spinion. to tend to the rest of the learning point at the Popular Busines Respecting Cope Breton Coals' which which is the rest to be test, it is said to with the Discelled - An Lu-Rid Company Form with: with the Hard strate-of Ma notice ti the mean of the real life to the desired Women to

from a visual blast furnaces in tull operation, and of the mining comp on thibert river. The company art of the Syndicate's money going to pay for have a length of two miles on each side of the river, the title being undaputed, and quite outside of the d'Lery patent. So far they have sunk one shaft 75 feet through clay and gravel, and have drifted 60 feet one way, and 200 feet the other. In the last 20 feet of the 200 they consider that they have got into the lead or deep river bed, as they found that the bed rock was dipping suddenly down, and getting into boulders and wash. They washed about fifteen feet of the gravel, and took out of it two ounces or gold, though was impossible to obtain whey, considered the richest portion of the wasn, by cleaning off the bed-tock, as they were driven back by the water. This was all within the last four months, and for the present they are only keeping torce enough on the place to keep down the water. The old river bed at this point is no less than 62 feet below the level of the bottom of the Cumberland, which fatter stream is supposed to have taken its piace.

THE FAMILS RIVEL.

A good deal of gold was found on this river some fourteen or fifteen years ago, but at present nothing is doing here, as the property is all tied up in the hands of companies, who appear to have no intention of profiting by its development

LA PLANTE DIVER.

Mr Mackenzie, of Montreal, made preparations for surface working on this stream last autumn. He worked with a liveraulic machine for a day or two with good results, when the severs weather came on audd-nly, and caused a suspension of his opera-

ON THE DITTOY RIVER.

about forty miles oast of Sherbrooke, there were shallow alluviat diggings that are said to have paid well every summer for the last fourteen yours.

LARGE XCOGETS

The statements I have heard from mining men here regarding the weight of the largest nuggets that have been found in the wash wary very considerable. All appear to agree on the fact that several have been found weighing over forty ounces each, but while some insist that the largest found have gone as high asseventy ounces, a gentleman who appears to be well up in the history of the district, and who has had a long personal acquaintance with mining, informs me that the largest sugget ever found here weighed only forty-eight ounces, and that it was found on the Gilbert river. The largest nugget that I saw taken out of the rocker in Mr Ashworth's shaft during my brief stay here weighed between twelve and thirteen penny weights .- Correspondence of Toronto Globe.

NEW IRON MINES.

The new iron mine on the Borron location, in the vicinity of Desert Lake, has been purchased by the Cleveland Rolling Mill Company, of Cloveland, Ohio, and by them placed under the supervision of Colonel to time and thrown into the waste, while the rich and by them placed under the supervision of Colonel adment concentrated in the bottom of the vat is Rankin, by whom it has sgain been committed to the rienced foreman of Bruco Mines, and Mr. John Driver, of shillings, 125,540,160; of sixpences, 82,of this place, who claims to have had considerable experience in fron ores at Manquette, Michigan.

Mesers, Marks & Bro., of Bruco mines, have been an all denominations. Of breave coins is invested for the sources. taken out, and washed through the sluices, which are charge of Mr. Abraham Mitchell, an old and expensively different filters, false bottoms, and other applications of firms of firms and Mr. John Driver, and for further concentrating the wash. The material of this place, who claims to have had considerable termed "black sand," or finally comminuted par- Mesers. Marks & Bro. of Bruce mines, have been apticles of magnetic from. Out of this residue the gold pointed financial agents, and work will be begun at the carefully panned, and when the result of the puning has become thoroughly dried, the particles can be put down on the premises. There being no of magnetic from attill remaining are removed by steel at Bruce Mines it necessitated the delay of a visit to this place before the indispensable article could be obtained. Mr Mitchell will have the superintendence of the mining operations, and Mr. Driver, we are informed, has been appointed surface boss, with Mr. C J Pim as bookkeeper, etc. The mine is to be worked during wluter with a force of twenty miners. From information furnished us from what we consider an excellent source, the vein of iron ore is over five feat wide upon the surface, of excellent quality, and is easily traceable for over a mile and a quarter, that is, through the width of the location, and on the adjoining ones cast and west of it. That to the north-west is already working under Mr. James Stoble, to whose energy the discovery and sale of the next location is largely due, he having operated last winter on the vein at different places and developed its size and quality of the ore. The product of the mine will be brought down to Portleck Harber by tramways at present. Should the development of the mine, however, warrant the expenditure, the company are prepared to build a milway and put on a locomomotive which would accuminedate the working of all three locations on which the vein is traceable. Trial shafts have been sunk to a depth of 12 or 15 feet, and the vein is strongly marked, dipping north, with a free footwall, and increased in width as it descends. As previously noticed some time ego, a boarding house and other necessary buildings have been crected, and everything looks prosperous and favorable for a thorough development of the mine. It is in the hands of an experienced and enterprising com-pany who have secured the services of thoroughly practical miners, and if it is as good as present prosling to keep the nater down, and an interplayment pects lead one to suppose, its future will mark a new to his best miners, rather than to attempt to make era in that section of the district, as we are given to anothing over expenses. His washing telest present understand that the working of other lodes, or a consider ground, and with ruckers, but in summer tinuation of the same lode, is made dependent on the to user some 400 feet of fluiding Among other sets sures, and the experiment -- Algorit Prosess.

CANADIAN COAL 11/1/10

Discelled - In In Aldi Company Form with:

the steel it is not improbable that before the prospects on the Company have excellent took of the year we may see the shores of clearly a brain, he had tributary of the Barilland formulated by high with the reflections of the mining camp on talked about 33 miles southerest ing from the natural section and property of the mining camp on talked to refer the mining camp on talked to the mining camp of the mining camp on talked to the mining camp of talked to the mining camp of the ing from the jute mouths to the port of Sydney and Louisburg. The principal mine now being worked is the "Reserve" min, the output of which is 300,000 tons per annum, while the output of the whole mines at present is 800,000 yearly. At these collieries the only smiths' coals in the Dominion are turned out. and they are pronounced quite equal to the famous South Melton Smithey coals. The "Reserve" mine has 2,200 feet slope, and the coal is of a very superfor order A London gas company, which carbonised over 1,000,000 tons of coal in 1879, reports that the analysis of one ton of Nowcastle coals gave 10,300 cubic feet per ton of 2.240 lbs, with filuminating power of 153 candles and 48 bushels of coke. Caps Breton coal compared savorably with this, giving 9,500 cubic feet of gas per ton, 16 24 candle illuminasing power and 49 bushels of coke-

The Cape Breton mining proporties were, we be-lieve, released from chancery only a few months ago and in December last the new company was formed in London It is reported that already 130,000 rons have been contracted for to be delivered in Montreal this year, and large orders are expected to be taken in Quebec. Before many years I is not improbable that Capo Breton coal will be invacing the markets of Europe, and the British manufacturer of the future will doubtlers be greatly dependent on Cape Breton for his supplies. Sydney, C.B., has risen into prominence of late years as an important coaling station for steamers, and the new company is increasing its facilities in this direction

-On Saturday last the Gladstone Gold Mining Company s property, better known as the Date Mine, was sold by public suction in the Ms ter's office here, under a decree in the Court of Chaucery to B Truaish for the sum of \$5,070. The property embraces 22 acres, and is supposed to be one of the richest gold mines in the northern part of the county will be operated and managed by Mr. David Stewart, in the interest of Mr Troussh There was a lively competition at the sale, some Americans being among the bidders.—Helleville Intelligencer

-The revolution in shipbuilding and the ocean carrying trade is exhibited in the facts that there are at present on the stocks in the Scotch yards one steamship of 8,500 tons, one of 7,000 tons, one of 6,250 tons, one of 5,500 tons, and two of 5,000 tons each. Twenty years and there were not half as many steamships in the world as are new built every year on the banks of the Clyde. The size of steamers employed has doubled and trobled within the last 15 years. Iron is taking the place of wood in the con-struction of nearly all kinds of craft, even to our own Sound and river steamers. England's coal and iron and organized industry have made her mistress of the seas in peace as well as in war.

-The City Press states that from carefully prepared statistics it may eafely be computed that at the present day there are 130,000,000 sterling of gold coins doing duty in the British Isles; of nowns, 2,320,047, of liabf-crowns, 41,516,343; of florins, 16,-456,220, of shillings, 125,540,160; of sixpences, 82,since the institution of the Royal Mint more than six thousand of tone have been struck and issued. By far the largest portion of these are in the form of pence and half-pence, although many hundreds of tous of farthlugs, too, are in existence. Taking an average of the proportionate number of each variety of the aubsidiary coins, it may be safely assumed that there are collectively not less than eight hundred millions of pieces in the pockets and the tills of Her Majesty's lieges at the time of the present computation. the foregoing statistics it may be gathered—and the gathering may be depended upon—that the aggregate number of current come of every legitimate kind now in use throughout the United Kingdom is not less than twelve hundred and thirty millions!

about four shillings a week, without board women employed in domestic service or in firm work receive we shillings to mait a rown a week, without com the to fue a veer if they are tod. The I labor valy from eight to mine, the work is property has been attached by the Crown, light, and the laborers, except on rare occasions, are almost exclusively regoturous. Their clothing costs them about tuenty shillings per antum, a limite with three rooms can be built for ten pounds and furnished for a similar sum. A great improvement bas toxicated been wrought in the condition of the common laborer Wages have risen, their children are being educated. and they are settling on the land. There are about and they are setting on the land. There are about above we do also to employed a to savery works and 300,000 or 40,000 jurnekishas, or men waggons in Japan. The inneckishaskakind of Japanese bansom, down by a man instead of a horse, who will trot at the rate of six miles an hour, cover thirty to forty mediately ran around the table and kicked the proseste man asyngly about the head, body and face. He would mile a day, and count himself well paid it he gets have killed the now unconscious vicinm of his fury, had half a crown for his day a work. If our surplus popuhalt a crown for his day a work. If our surplus population should ever emigrate to Japan, it may safely be a shocking sight when he was dragged out from under predicted that they will not seek employment as jintickishamen, tor not only is the tolic excessive, but the rate of mortality, owing to exposure to chills when the was rate or the hospital. The danger is that the rate of mortality, owing to exposure to chills when the rate of mortality, owing to exposure to chills when the rate of mortality, owing to exposure to chills when the rate of mortality, owing to exposure to chills when the rate of mortality, owing to exposure to chills when the rate of mortality, owing to exposure to chills when the same rate in Monor with the arrested. herted, is excredingly high

RAILWAY MATTERS.

A MAMMORIA NGASILA ARROAD

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RAH WAYS AND BAINFALL

Nevals and Rocky Mountains was subject to an almost continuous drought. Since then, however, the rigion has been visited with frequent fulls of rain What has produced the change is the question Some suggest that it is due to a change in the electrical state of the atmosphere, produced by the conduc-tion of the subtle fluid into the region by the iron rails. Others assert that it is caused by the atmospheric disturbance arising from the frequent passing and repassing of trains. It is shown that up to 1854 the United States had been periodically visited by great and general droughts, but since that your there has been no such visitation, or, in other words, that the building of such a vast network of railways as has been constructed in the past quarter of a century has had the effect of promoting the fall of rain. Since the general introduction of rallways lu Europe, also, there has been no drought such as previously at short intervals caused widespread distress. In the case of England it is remarked that although the climate has been always humid there has been a growing excess of rainfall during the period of railway building, until now sho gets far more than is beneficial to the crops This has been noticeable to an alarming degree in the past tow years. We give these conclusions for what they may be worth, and merely as showing the drift of current discussion on this point

-The Railway Age makes the correct figures of the railway construction or the year 1880, 93,801.71

-The Northern Pacific Railroad reports carnings for the second week of February, 1881, of \$19,655, against \$19,315 for the corresponding week in Fabruaty, 1880; an increase of \$340.

-The less in earnings of the Walsah during the second week in February, as compared with last year, was about \$62,000, and of the Hannibal and St. Joseph \$14,637 for the same week, caused through the interruption to travel in consequence of the storms.

-The gap between the junction of the Atchison, Topeka & Santa Fe and the Southern Pacific is now less than 25 miles, and this, it is expected, will be overcome within the next thirty days, when a new rallway routs from the Atlantic to the Pacific will be open.

-The estimated earnings of the Houston & Texas Central for second week of February were \$94,491.22, same week of previous year, \$63,862 12, increase, \$25,629 10, carnings January 1st to February 15th, 1881, were \$538.855.15, do 1880, \$452,506 62, increase, \$86,348.53

-The carnings of the Chicago & North-Western show a decrease for the second week of Pebruary, 1881, as compared with the corresponding week of last year, of \$74,886, they being respectively \$205,701 and \$280,-The loss is ascribed to the interruption caused by the severe weather and floods.

-The Railroad Commissioner of Ohlo appounces the gross carnings of the reads of that State duting 1880 to have been \$81,833,423; an increase of \$24,-

ending February 25th, 1841, was as follows:-

Passengers . Freight and live stock Maits and sundries \$94.313 90,067 Total Corresponding week last year \$1,256 Increase

-The agents of the Toronto Cattle Exportation Comiany are going through the country in great numbers, buying up sheep and lambs for the linglish market. The animals will be left at their farm-yards till June, when they will be gathered up and shipped direct.

than twelve hundred and thirty millions'
—Nome very interesting returns as to the status of the laborer in Japan have been compiled from the laborer in Japan have been compiled from the with the Customs authorities. It is alleged that the American Consular reports. The farm lab for receives him secured a lot of billbeads from a house in Boston, and when the goods were sent to Toronto Mears. th-merires, getting the goods passed at a low value, and thus defianding the Government. A portion of the

- On Wedoesday of last week a man named Ellis, a painter in the Masser Manufacturing Works, better known has a barber, went into the Wellington Blots, corner of Strachan Avenue and Wellington after, Toronto, kept by a man named Nixon. Eiths was very much into incated. He went through the bar into the diding room and sat down at the table. In the room at the onposite side of the fable sat a man named Samuel Moore who also is entitioned in the Massey Works and erysipe as may set in Moore will be attested

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hugar House, pun Trinidad	36 de 3	35	Window Glass, per 80 ft. ordinary 4th quali To 25 added inches " 50 " "	ly: 1 # # 1 9 1 9 1 9 1 1 1 1 1 1 1 1 1 1 1
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African Ginger Allapice	15 @	16	Pine Tar Resin Strained	4 50 3 5 0
Cloves Jamalea Ginger, bleached	41 00	4 2	No. 1 & Pale Spints Turpentine, Imp. gall	. 4 % # 60
Mace under Mustard Seed, yellow	75	\$	Manilla rope	0 (0) 0 0
ground, 41b jars	15 # 1 21 # 3	19	Siral Tarred rope	000 20 00
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Sagn Taploon	(5)	(05) 8)	Relmont Sperm Mould, Montreal	019 6 02
Course (10 to the ton)		60	IRON AND NARDWARE.	019 8 02
Coarse (19 to the ton) Lureka, bags haives quarters Factory Filled Canned Pish— Lobrier, lib cans Mackersi, Helmon, Dry Cod (Uaspe) Ureen Cod in barrels— No. 1. No. 2 Large da., draft, No. 1 Lake Saperior White Pish, half barrels. Salmon Trust Columbia River Salmon, barrels No. 1 1 2 Seeled Herring Spilt Mackerel, No. 1 1 100083.	100 00	388	American	
Pactory Filled	99 # 1 e	ω	Carabres	19 50 # 20 5 21 50 # 22 0
lobrier, lib cans	1 25 @ 1	90 3	Kelloton Uartebene Glebentwek ber ton	19 50 # 20 5 21 60 # 22 0
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Large de., draft, No. 1	5 50 69 5 50 69 5	88	Lowmour and Bowling (under 290 th) Scotch and Staffordshire, per 100 the Hest do do	6 60 69 7 0 1 85 49 1 9
Canso, No. 1 split Lake Superior White Pich, half barrels.	4 15 es 6	άų	Swedes and Norway	160 60
Columbia River Salmon, barrels	14 75 57 15	859	Arrow and equal	340 @ 38
46 44 5	17 00 au 16 00 au	88	Hatton Swanzea and Pean, per box	. 310 # 31 900 # 32
Split Mackerel, No. 1	6 5 1 20 5 (0) 20	00 (F)	Charcoal, I C, per box Charcoal, I N Charcoal, I N Charcoal, I U Charcoal, I U Clarcoal, I C Like, I I: 14 x 20, 250 extra.	. 575 # 60
" " " " LIQUORS.	400 20	00	Charcoal, I X Charcoal, D C Cake, I C	5 25 6 5
Brandy, Hennessy's, per gal	10 75 - 11	60 00	14 x 20, 25c extra.	
Martell, per gal	1 30 6 4 10 50 6 10 3 M 4	1 40 7 7 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Charcoal (best) No. 26	10 50 @ 11 6 8 50 @ 9 6
l'inet's, & gai Vine Growers' Co., & gal	350 # 3	3 4) 40	Morewood's Lion, No. 28	Ti e
Jules Robin's, V gal	7 30 & 3 3 30 & 3 7 a 9 6	1 40 3 40 3 15	Morewood's Lion, No. 28 Other branch, No. 28 Other branch, No. 29 Hoops and Hands, per 100 lbs. Sheets, best brands STREL Cast, per lb	2 60 00 21 2 00 40 9
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Demerara Cuba	2 25 2 2 2 15 2 2	2 45 2 35	Tire do	2 50 @ 5
Gin, De Wayper s, ted cases	4 20 m 4	1 20 2 18	Bottke Plates. Rest best brands, # 100 m / Lowrsoor and Howling, under 250 m Ordinary brands, best, # 100 m	3 50 3 3 1
Blandenheym & Nolet	195 @ 2	2 95 2 00 3 17	Ordinary brands, best, \$\mathcal{P}\$ 100 \$\mathcal{B}\$ MISCRLLANBOUR.	
Booth's Old Tom, eares	7 60 6 6	7 55	Anchors Anvils, "Peter Wright's"	10 50 6 11
Burnett's Old Tom, cases	. 5 62 6 5 . 2 40 6 . 70 6	97 00 00	Anchors Anvils, "Peter Wright's" Axe, Chopping, 20 to 25 p. c. discount: List B. S. List D. S. Clinch Nails Cut Nails, per 100 lbs 104 to 64 (3 in. and larger) As and 3d (2) and 2 (in.). 61 and 7d (2 and 2) in) 4d and 5d (i), i] and 1 (in.).	11 00 0 0
Rye Whiskey, Imperial gal., in bond		, 00 00	Clinch Nails Cut Nails, per 100 lbs	680 🛱 8
Jisat Ale, querts	1 60 0 1 2 80 0 2	1 65	8d and 9d (2) and 2) in.)	285 # 0
Liquors. Brandy, Hennessy's, per gal cases Mortell, per gal hnat's. P gal hnat's. P gal 'Yine Growers' Co., P gal Holary & Co., P gal Jules Robin's, P gal Liviers Gardral & Co., P gal Hennest's, P gal J. Henre, H. Mounis & Co., P gal Arbouin, Marsett & Co., P gal Rum, Jamales, 15 o. p., per gal Bandenhaym & Nolet other brands green Blandenhaym & Nolet other brands, per case red, other brands, per case red, other brands, per case red, other brands, per case lichwises, H. C. p. Imperial gal., in bond Rys Whiskey, Imperial gal., in bond Rase Ale, quarts pints Galbases' Stort, quarts rints Galbases' Stort, quarts rints	. 165 - 1	1 60	4d and 5d (ij, lj and lj iz.) A. P	25 # 00

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Spit Brigant
Misses Jourand Pebbled Balmorals
Pronella Balmorals
Women's Buff and Pebbled Ralmorals

Prunella Bosts RAW FURS Bear cub Bear, large prime Bear, small Bearer, wirtig, do Bearer, Winter, clean pelt, per th Cross box Pisher Lynx Lynx Martin Mink, Dark Prime Otter Backen Rats, Fall, large kitten

LEATHER

WEEKLY REVIEW.

Red Fox Silver Fox Skunk, black

MONTREAL, March 9th, 1881.

In financial matters the most prominent feature is the advance in Montreal Bank and miscellaneous securities during the part few days, Montreal having sold up to 1851. Ontatio to 101, Consolidated to 19. Merchants to 120, Commerce to 1434, Molsons to 112, Toronto to 149, Exchange to 66, Montreal Telegraph to 1231, Richelleu and Ontario Navigation Company 60 to 62. City Passenger Railway Co. to 118, and City Gas to 155] Money has been quiet and easy at 3 to 4 per cent, on call, and 5 per cent on time Good to glit-edge commercial paper has been discounted at 6 to 7 per cent, and drafts on New York have commanded per cent. premium. Sterling exchange has ruled at between 9g to 9g premium for round amounts of 60 day bills between banks, and between 8g to 9

In wholesale mercantile pursuit, the record of the past week has been a quiet one, which is nothing anusual for this season of the year, when the trade of the country is frequently interrupted by climatic changes; the break up of the country roads, and par tal suspension of business in the inter-There are evidences, however, on all sides of the trade and commerce of the country being in a sound condition, and the confidence with which our mer-chants anticipate the business of the coming season is a cheering factor in the situation. In some lines remittances are reported to be falling off a little, but in other years they generally fall off a great deal at this There are other departments, however, where no complaints are heard on the score of payments, and upon the whole I may safely say that, considering the season, the finances of the country are satisfactory.

Day Goods,-The recent mild spell, causing a break up of the roads in many districts, has had an unfavorable influence upon this line of the wholesale trade, and business must be called quiet. Still quite a number of Western buyers have visited our houses during the week, and left behind them a fair amount during the week, and left behind them a nair amount of orders. A good demand for cottons is reported at steady prices. Canadian tweeds are growing in favor, as the neat patterns of the new sampler offered are raid to be taking well. Remittances are acarcely as well as experted, owing, no doubt, to the lad condition of many of the country reads and the inability of the inquire manufacturers has been lighter and the inquire from manufacturers has been lighter and we have to report one of the most inactive market experiments. There is no material alteration in prices, however, which we quote as tolerance in the inquire reads and the inquire reads are considered at the inquire from manufacturers has been lighter and the inquire from manufac of many of the country reads, and the inability of ada pulled A super 34@350, B super, 32@33c, masfarmers to market their produce. On the whole, how- sorted pulled, 30c. ever, the situation is far ahead of that of the corresponding period of 1889.

IRON AND HARDWARE-In plg from there is no change, further than the improved feeling consequent upon the relief to the trade which has been caused by the removal of W. & F. P. Currie & Co. from business, as their slaughtering of goods was a great drawback to others in the trade. For spring shipment sales of Summerlee have taken place during the work at \$20, and of Gautsherrieat \$20.50. Regarding pig iron, a New York dispatch says: "There is a general belief in this trade that consumption this year will be life in this trade that consumption this year will be life in this trade that consumption this year will be lively trade for the spring mentle. An encouraging foature is the absence of the unhealthful speculation of leaf account. Funday, March 18th, trade that the properties of leaf accounts. Thursday, March 18th, trade that the properties of leaf accounts to the properties of leaf accounts. that prevalled during the ourly portion of last season The pig fron makers have, for the most part, sufficient orders to take up the early product, and as a cense quence they offer very sparingly on the open market. It is generally calculated that, unless prices should decline materially broad, the present figures can be maintained, desp the probable unprecedented pro-duction." In har from there has been a little nauro doing, but prices are no better. In general hardward It is reported that a lot of anthracite has been received a fair amount of business is reported, especially in by rail. Stocks generally are very light. heavy goods, and a good trade is confidently expecte during the coming some ... Prices are still unsatisfac tory, however.

GROCERIES -A number of buyers from the West and brokers are again hurrying round for samples. In

tan cedd por ib and some large sales have the advance. There has been noted at the advance. There has been noted at the advance to arrive and report to the control of the varied light the and some large which have t ib Refined acrups are inore called from grades are 2 to per imperial gallen high you as in the demand, Barked see selling at a selling

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 Dix is an energy cars—The linglish to we then be to believe a white higher at 1996 1.1 coprained as they hope to by memphis - cates than these now ruling. We have n inter then there now ruling. We have a treport to proces. The collect strikes has t tinily settled to Lancachtic, wet be presented as te elime

Lisu-file demand for Labrator herence of brisk. All real No. I have been disposed of they hands and the trude is now obliced to full it. No. 1 small, which have changed hands at so 4 and No. 2 at \$3.50 A fair inquiry exists to a ced at \$4 a 4 .5. Dry ced is scarce at \$ inferior to good. The market is almost the salmon, the only stock available being No is held steadily at \$16.50. It is stock of links to small, and prices range from \$4.25 a \$4.5 cg r

Un-A few transactions continue to be reported cod oil at 600 per imperial gailon, and to-ley a supproved demand set in from consumers. No ke a light, and the feeling among holders is one of m ness. Linseed oil has taken a turn for the better of a stronger feeling prevails, sithough prices are in quotably dearer. In steam refined as it there is quotably dearer. In steam refined sett there small inquiry, but the market remains about he merly quoted as to values. Olive oil is scare of there is none in first hands.

PETROLEUM-Since my last report the prirefined oil declined to per gallon, but at the rope of rates a slightly better demand has been experience Car lots are quoted at 2314124c, broken parcels at 25c, and single barrels 25 fac26c per imperial galac-The price of refined oil in Loudon is 20c fo b

NATAL STORES-Following upon the recent advisin the price of spirits of turpentine in New York ... easier feeling has set in, and slightly lower value have been accepted. Here the situation is unchanged During the week a very brisk demand has transpired fer oakum at quotations; stocks are entirely cleared out of first bands and the market is firm.

LEATHER-The market is dull and stocks are beganning to show larger dimensions than dealers care to have on hand; especially is this the case with blak leathers, with the exception of buff. There is a lar-quantity of splits upon the market, which will have to be shipped abroad before a clearance is enertic One dealer is about shipping ten tons to Great Britan and another is expected to forward fifteen tons in a few days Queboc is full of splits, most of the dalerthere having their cellars pretty well choked with them. There is a good consumptive demand for holl, and sales have been reported at 14716c. Soli is steady in price on account of the advance in dri-hides. Broad sole is quoted at 24726c for No. and at 22/624c for No 2. The sale of 600 hides it buffalo sole has taken place at 19c for No. 2 and 🕕 for No. 1.

Boots and Sitors - Hanufacturers are getting through with their spring orders, and a quiet time w anticipated for the next few weeks. Remittances so fully as good as can be expected, and the outlook of

the trade is in every way healthy.

Hides and brins—The receipts of green butches hides are about as usual for the time of year, although we hear loud complaints of the large number of grubby hides nearly one half of the receipts can be under that defect. Prices are unchanged at \$1.50 and \$7 for Nos. 1, 2 and 3 respectively. Sheep skins are quoted at \$1,20@1.40 each, the sale of a lot beas. made to-day at \$1 30. Calf skins commence to arrive more liberally, and are readily disposed of at 10c per lb. A few lamb skins have come to hand, and havbeen sold at 25c each.

Tattow-There have been sales during the week of refined at 71/07fc per ib, and of raw at 41/05jc, as w quality.

Woot.—The past week has been a very dull on in the wool trade. Although stocks are generally light the inquiry from manutacturers has been lighter and

RAW Fore -The only local business is in muskrat and fox, the former selling at 122c for good late winter skins, and the latter finds slow sale at former raics. These are about the only skins arriving 5 business of any importance is expected here until after the result of the London auction sales which beging on the 16th inst, is known. The following ormino, Thursday, March 24th, boar, fisher and grey fox . Friday, March 25th, mink , Monday, March 28th. skunk and sundries

Coat-There have been a few miles during the week of lower port ateam for spring shipment, but prices did not transpire. Considering the recent mild spell, the demand for hard coal has been fair, sales having taken place of stoves at \$8 50900 per ton et 2,000 lbs delivered, of egg and chostnut at Sharn of

Horse Market.

Monthead, March 9th, 1881

Another very brisk week's business has transpired have visited the city during the week, causing an in horses. Over thirty American buyers are still in increased inquiry, which has brightened up matters, the market, and trailing keeps active. The shipments from Montreal for the week ending March & amounted and brokers are significantly in a round for samples. In the same ## 0.00 Japans at 220 ## 221c Fine grades are scarce. valued at \$73,000. Un Monday there were shipped \$0.00 Sugars have met with quite an increased demand, from Point St. Charles up till noon 121 horses, valued to 0.00 under which the price of yellow refined bas ad- at \$10,700. Mr. Frank Shields, of Toronto, had 53

no Upper Carada horses for safe, and Mr. C. Quinto led two and several transactions occurred this to list in A fire has more, a years old, weighing named it irought alls, a large buy rolling was

inferior quality, sales being reported at \$4 to \$5 each sold at the butchers' stores at \$3.50 to \$5 cach. A mall lot of live hogs we sold at \$0.75 per 100 lbs The sale of a carload of dressed logs was reported, averaging over 200 lbs, at \$ 50. Small jobbing lots time \$8 75/19 A few calves were sold at from \$4 to

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then the tinest ressal affort, used to consume 6 7-10 visici was 2,000 tons burden, she could only find with the performances of a now steamer of the pre-Perma, but she consumes only 14 pounds of coal per Lour per horse power Tho consequence is that she can carry 3,400 tons of paying freight and can stoam 103 knots sgainst the Person 13, thus burning but one-litth of a ton of coat for each ton of goods carried to ross the Atlantic, instead or 61 tons burned by the Ferna. The present expenditure of cost in carrying a ton of condy across in therefore, less than 1-30 of what it was twenty years ago, and improvement is still going on

JAS. ROBERTSON & CO. Works Dominion Saw

Vinufacturers of Superior Quality Circular Saws, Circular Shangle Baws, Gang Baws, Mill Saws, Butting Saws, Cross of Saws,

INSERTED TOOTH SAWS A SPECIALTY. All Saws war-inted to be made of Very Best Material, and only Pirat-

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^{rt.} Catharings, Sole Manufacturers of the genuine HANLAN, IM-PROVER DIAMOND, IMPROVED CHAMPION, and the NEW [MPROVED OHAMPION CHOSS-OUT AWS, We also make all other kinds of Cross-Cut Saws, Hand Saws from the chesport to the very best.

THE LARGEST SAW WORKS IN CANADA.

THE LUMBER TRADE.

ENGLISH MARKETS

to the extreme the American House. The following her they were sought for and both to not over \$2. per still no shipments of house from the city to the standard, and it went one time stated that as much port is future, as this was sold at the rate of about £17 is closed. The price is the more remarkable as, A few spring family were cought into the city and just before, a quantity of New Orleans wainscot logs. one of the exceptions to the rule we referred to in our last report, that small lots did not commonly fetch best prices at the Baltic sate rooms. But this was better exemplified still in another small lot, about a -Twenty years ago the Conard steamship Persta, lengths, which went at £5 15s per standard, about half their value to anyone having occasion for them. tounds of coal per hour per horse power. So great The bickery timber was held back at £5 7s 6d per was the space required for the coal that, though the lead, and birch timber, fine sizes, 82s 6d. Smaller wanted an advance on 75s, but not a soul opened bis tiom for 250 tons of paying cargo. Contrast this mouth for either. Quebec oak over 65 c it average was put up at £7, smaller sizes £6 10s, but a dead The Arizona is about double the size of the silence pervaded the room. Ash from the same port, the consumes only if pounds of eval per ex Lennie Burni, in plank, could obtain no bid on is 11d per ft. cubo. A good deal of Petersburg lathwood was offered, but only one lot found a buyer at

The Liverpool report says :- There is little doubt that at the present time the stocks of deals in the shipping ports of New Branswick and Nova Scotia are moderate, but the fact should have very little weight with shippers when the; fully appreciate the fact that the stocks are Liavy here, and must be worked down considerably before they can hope to get paying prices again. Freights will in all probability rule low for the opening of the navigation, both for the deal pro-ducing ports and Quebec. For the latter we hear that about 24s Is the prevailing idea as the rate offering to Liverpool, this will leave little, if any, margin of profit to the shipowner. The common qualities of yellow pine timber, say from good fair average and downwards, are becoming year by year much less valuable than they were formerly, owing to the com-petition they meet with in pitch pine, as the latter can be obtained, not only of longer lengths and better sizes, even in sawn tumber, but, what is nowadays of tion of the stock on hand consists of this description, and it appears most difficult to sell. We cannot belp thinking that the Canadians are putting far too high a value upon their productions, depecially for the medium and lower qualities of plus titaber and deals, and, in fact, of nearly all their timber, when not of really first class quality.

SIN MILL SUPPLIES OF ALL DESCRIPTIONS. SAME REPAIRED curiled. The transactions in timber are confined to the supply of urgent wants for immediate consumption, save in a few exceptional cases where merchants in the country, knowing that with any increased domand prices will be higher, have taken advantage of the present low rates to buy some stock for future requirements. The disposition of holders, however, is not to look far ahead at current prices. St. John and Miramichi deals. £14 10s to £15, 1st Quebec deals, £18 to £22; 2nd, £14 10s to £15 10s, 3nl. £13 10s to £14, 4th, £13, white Norway flooring, 7x1, 11s 6d, cak, £7 tos, ash, 90s, clm, 90s, breb, 85s to 20s, red pine, 75s to 80s; yellow pine, 95s to 100s; board pine, 100s, pitch pine, 65s; Memol (fur sized), 60s to 80s; do. (under sized), 60s to 60s.

THE LUMBER CUT. .

We print below some estimates obtained from well informed sources as to the probable out of timber in the Muskoka and Georgian lisy districts, from which it will be seen that the result of this season's operations in those localities does not differ materially from that of last season. The table is compiled to show the points the estimates given for similar points last year. district we are as yet without full information. Messrs H. B Rathbun & Son write us that they are getting time the account from their territory, (the Moira, by this process The reason is that the solid impurities open to the objection of such intensity of heat as to Salmon and Napanee rivers), was 23,000,000 red. It is not a arrested immediately on the top surface of the burn out the iron of the stove more rapidly than any which has fallen this winter, and the favorable weather of the intensity removed by the sawdust, and are, therefore, instantly removed by the wind of coal. As to the extent of the supply we have cuttor, so that rapid and continuous filtration ensues, is the content of the supply we have the content of the supply we have a supply and the supply we have a supply and the supply we have the supply we have a supply and the supply we have the supply we have a supply and the supply we have th for lumbering operations, will tend to increase the cut | whereas with sand the impurities always penetrate some | should be conserved for the use of engravers.

upon the whole, but, judging from the figures thus in distance below the top surface, owing to the impossibil furnished us, this in tenso will be less marked than is fever making grains about packelose chaugh together. popularly supposed. There is much activity in hums even under great pressure. In fact, the gramment sawplanting in some of the western countries. Essex, for the clust lightly overlap cach, other under pressure, being

trais also at so year confounds of cattle were received at not afford to pay the price for cutting into flooring. Somewhat more leavurally than during reasons when the to the lower market. Mr Hugh Kelly had a cational rather the best of it just now, for batters can be settled down to a conviction that there would be the foreign entire, part of which was sold to Mr N bought in London, on an average, at the public ance enough for all the work they have on band, and they to the lower market. At 11028 Kerly and a cational rather the best of it just now, for battens can be settled down to a conviction that there would no clearly the cuttie, part of which was sold to Mr N bought in London, on an average, at the public auctions of the work they have on hand, and they cuttient \$40. R. J. Hupper had a catload of very abroad Freight to London is certainly no formulable that not been much to interrupt the work, but the field has not been much to interrupt the work, but the field has not been much to interrupt the work, but the field has not been much to interrupt the work, but the field has not been much to interrupt the work, but the field has not been much to interrupt the work, but the field has not been much to interrupt the work, but the field has not been much to interrupt the work, but the field has not been much to interrupt the work, but the field down to a conviction that there would not turn an average of the public and the public From the first property of Mr. S. W. Hamilton, of Saginary atok will be much larger than last straw, manufactured after a process patented by himRelian via Portland, the property of Mr. Rennedy cot logs, that is, one log and two half logs, from Pillan, Cass, Bad. Kawkawlin, Riffe, AuGres and Auguste, and informs us, however, that he can manufacture lumber that brought £0 per log of 18 ft cube, which would other sources of supply usually credited to the Sant like the manufacture lumber that brought £0 per log of 18 ft cube, which would other sources of supply usually credited to the Sant like the manufacture lumber that brought £0 per log of 18 ft cube, which would other sources of supply usually credited to the Sant like the manufacture lumber that brought £0 per log of 18 ft cube, which would other sources of supply usually credited to the Sant like the manufacture lumber that brought £0 per log of 18 ft cube, which would other sources of supply usually credited to the Sant like the manufacture lumber like the sant manufacture lumber like the sant manufacture lumber like the sant like the days, but they have returned and hadling is progressing as before. It is not probable that the other sources of supply usually credited to the Sagi. like the sample sent, in any desired length, from 13 1 Colswidt sheep. The show carloads cost 550 be £12 13s 4d for the lot, three-fourths of a load. We naw district, will probably not yield above 1,800,000, rect upward, and to a many expect a good supply of wainscot logs from that the street of they should, however, there will be no although he does not inform us whether this compensant 150 head. Show were in small supply and of port is future, as this was sold at the rate of about more mills to do the cutting than were in operation although he does not inform us whether this compensant the same complaint tition will apply equally to sections where lumber is just before, a quantity of New Orleans wainscot logs, about the same about the same complaint tition will apply equally to sections where lumber is ox Italy, were put up at 70s per 18 ft. and the offi difficult to please, and it is not surprising that now grain producing points, as at Kansas. We magine, ator, Mr T. Simpson, even reduced the reserve to 67s and then one turns up as the definition in all voice suit. Simpson at the express will vary but little at any one of the exceptions to the rule was The cry on the St. Croix, Minn., is too much snow. Point where afraw is altered in the cry on the St. Croix. The cry on the St, Croix, Minn., is too much snow, point where straw is obtainable in large quantities but it is admitted that the cut will reach 2,000,000,000. feet and may go above that amount. On the upper Mississippi the snow is deep, three to four feet in the as there would be no object in filling the new product pineries. It has been kept so dry by the cold that the hauling has not been good. Three feet of snow in the woods is not calculated to make logging easy, and impossibilities. The sample sent to us will hold a matter than the matter than the sample sent to us will hold a when the reports say operations are backward on the when the reports my operations are tackward on the streams in Minnesota it is easy to believe them true. If the stock is as large as last year it will be all that can reasonably be expected. Wisconsin reports are of a mixed character. The "beautiful" has been almost too plentiful, but there has been a long spell of matter. of weather, and the loggers have been a good while at work On Black rivor somewhere near 1,300,000,000 feet have been hauled to the banking ground, and half as much more is certain to follow, making 2,000,000, 000 feet - North-West Lumberman.

CHOOSING OAK TIMBER

In the selection of onk, a great deal depends on : knowledge of the soil on which it has been green, for we generally tind that when the product of a po-cultarly rich soil it is deficient in strength, being full of sap, which necessarily impairs the solidity of the wood. Again, we have to consider the effects which the atmosphere produces upon it in the situation in which it is grown, as it has been found that even the product of a few acres may vary in quality according to the position of the trees, thus, those having a portherly asport have been uniformly better in quality then those exposed to the rays of the noonder sun The best means of discovering the comparative quality of different kinds of oak consists in immersing several specimens in water, and attentively watching the regreater importance, at a much lower rate than is spective weights of each after having been soaked for asked for the Canadian production. A large propor- a certain time; the specimen that has imbibed the a certain time; the specimen that has imbibed the least quantity of fluid should always be chosen for use, as that may be depended upon as being closest in grain, and, consequently, least liable to decay. Those trees which have been cut down in winter should always, when possible, be selected, for in such the sap has become partially dry, and, consequently, they require less seasoning. reat attention should always quire less seasoning. The fruk Times of Monday last says that there is a be paid to the state of the timber about to be selected, be paid to the state of the timber about to be selected, the timber market this week, though but little actual improvement in business can be zero attention to this point that the control parts, as there it is that from six to eight miles. It is now lying on the cay generally first shows itself. It is to a want of Coulogno river, some seven or eight miles above its appropriate the control parts attention to this point that many disastrous. proper stiention to this point that me accidents may be ascribed, with regard to the beams employed for supporting roofs, etc., breaking beneath their loads

ADVANTAGES OF SAWDUST AS A FILTERING MATERIAL

On the 27th ult. Mr. Heury Chapman read a paper before the Institution of Mechanical Engineers on the Farquhar Filtering Apparatus, in the course of which he remarked that, in midition to water and sewage, this automatic self-cleansing process may be expected to effect a revolution in all kinds of filtration, and will prove of great bonefit to sugar makers, distillers, brewers, vinegar makers, and others who require pure, rapid, continuous and economic illimition. It entirely supersedes and dispenses with the use of cloths of bags, which entall a considerable annual ontlay, and which do not produce an averagepure diffration. For browers and distillers it would be specially useful in filtering the refuse, which at present contains a very large amount of good liquid that is practically wasted, owing to the inability of any existing system to filter on water or rail at which the cut "comes out", and it continuously. Taking bulk for bulk it has been the quantities agree in many cases very closely with found that the following great advantages are in favor The of sawdust as against sand, etc -1. It is a cheaper comtotal for the Muskoka district is now placed at 124,— modity. 2 Its cost of conveyance is not a serious 1000,000 feet of sawn lumber, where last year's estimate was 108,000,000 feet. The Georgian flay district cut, which was last year placed at 149,000,000 is lightness and portability 4. It produces far purer now put down at 157,500,000 feet. The aggregate of filtration, because the grains of sawdust, when saturatthese is thus 281,500,000 superficial feet, against 257, od, pack closely together, and the greater the pressure 500,000 in the previous winter. From the Midland employed the tighter the grains become kult together, which cannot take place with sand. 6. More than three times the volume of liquid is filtered in a given out 33,000,000 of pine this season. Last year at this time through sawdust than the same bulk of fine sand

The Tealer Teal's Living Landon specifically made of the western countries. Essex for instance, the ting in some of the western countries. Essex for instance, the ting in some of the western countries. Essex for instance, the ting in some of the western countries. Essex for instance, the ting in some of the western countries. Essex for instance, the ting in some of the western countries. Essex for instance, the ting in some of the western countries. Essex for instance, the ting in some of the western countries. Essex for instance, the ting in some of the western countries. Essex for instance, the ting in some of the western countries. Essex for instance, the ting is some of the western countries. Essex for instance, the ting is some of the western countries. Essex for instance, the ting is some of the western countries. Essex for instance, the ting is some of the western countries. Essex for instance, the ting is some of the western countries. Essex for instance, the ting is some of the western countries. Essex for instance, the ting is some of the western countries. Essex for instance, the ting is some of the western countries. Essex for instance, the ting is some of the western countries. Essex for instance, the ting is some of the western countries. Essex for instance, the ting is stored to a highly worked such as the color of the ting countries and the section of the western countries and ting countries of the western countries of the color of the ting count fliver to the altered legish, which with sign, etc., outsit be a disadvantage. The answer is thur attable legish with which the sawdust has been saids the shipments of hower from these three shipself of and both the orthogone them to ship the shipments of hower from the continual fact hits—february in shipments of hower from the shipself of the shipself o whole of the liquid used in the samuation of the bed prior to filtration. This has always been proved to be the case, by the following test. The amount or water used in saturating the bed has been enrefully measured. So soon as this quantity had been extracted, and not till then, did the fitteed seware or sugar Juice, etc., pass out of the machine

SUBSTITUTES FOR LUMBER

We are in receipt, from Mr. S. W. Hamilton, of Lawrence, Ransas, of a sample of lumber mule from The manufacture is, of course, confined to a grade which will compete with the better class of lumber, nail as well as wood, is equally susceptible to a high painting finish, and can be pollshed to as high a degree as is at all desirable. Being made waterproof, we can discover no possible reason why it should not be as durable, or even more so, than pine or even oak, while its adaptability is evidently as great for roofing purposes as for the fine work of a dwelling.

-There are new sixteen broom factories managed by Chinese in Ban Francisco.

-A. flurtin, agent of the Flatt Bros., of Hamilton, One, purchased and shipped from the river Thames, during the year ending the 31st December, 1880/346,-000 worth of hown and sawn oak; this, in addition tothe great quantity of ship timber and plank manufac-tured by D. B. Van Allen & Co', and the trade of other dealers in this wood, indicates that the eak timber of Kent county, Ont., is not all gone as yet.

-The importation last year into the United Kingdom, without taking into account stayes or mahogany, consisted of 6,200,778 loads of hewn and sawn wood, which are equivalent to 310,338,900 cubic ft., or nearly 3,725,000,000 super. ft. To form an idea of this stupendous quantity, it may be mentioned that there would be a sufficient number of blocks 1 ft. cube, if placed end to end, to stretch a girdle twice round the earth, and to leave almost a sufficient number over to extend through the centre of it.

-Mr. P. Fitspetrick, Mayor of Allumette Island, who has the contract of drawing a raft of timber, manufactured on the Coulonge 'y Bryson & Murtagli, for J. R. Booth, has caught up to the timber makers, and has now between one thousand four hundred and one thousand five hundred places conveyed from the bush and deposited on the ice. According to Mr. William Clarke, forest ranger, of Pontiac, the timber will average between sixty-five and seventy feet, and be says it is the best he has seen this winter. Junction with the Ottawa, and consequently about the same distance from Coulogue village. If the sesson permits, about seven hundred pieces will be manufactured and added to the timber already drawn.

-A circular from the Census Bureau has been sent out to obtain information as to the evil effects of forest fires in the wooded sections of the country during the past year. Specific answers are requested from correspondents in regard to the extent of the area burned over, the quality and value of timber destroyed, the causes of the fires, and other particulars, while suggestions as to avoidance or prevention of continued destruction are invited. The recklessiv rapid rate at which our forests are being cut down for use in the arts. manufactures, house and suin construction, etc., has seriously alarmed political economists. But even this immense consumption, it is contended, is not equal in magnitude to the enormous waste by forest firs thoughtlessly or wastonly kindled. We trust that this efforts of the Census Buteau to obtain particulars of such importance will be fully responded to by those who are in possession

-The State of Nevada has a remarkable timber known as mountain mahogany. The trees are not large, averaging less than a foot in diameter. The teasoned timber is said to be as hard as boxwood, of a very tine grain, of a rich red color, very heavy, and a fine material for the wood carver. It is sometimes used for making boxes for shafting, and wears well under the journal. In the mining districts it has been used for shocing and dies in quartz batteries. As a fuel, it creates an intense heat, burning with a blaze, as long as ordinary wood, and, with scarce a change in form, becomes charcoal, lasting twice as long as ordinary wood. It is extensively used as fuel, bearing a price per cord equal to the price of coal. It is, however, no information, but if all claimed for it be true, it

come to the Unit I States in augmented quantities have been considered in the past is wider, the unit of the Unit I States in augmented quantities have hope that the total tarther loss will not be so to some months past, and the dimand now being heavy as they had at first fested. The united from the united from the pasts of the quiries represent a right total time times of a week of calvanizing and merchant sheets buyers relies to ago in the same diffrict. Only in steel and in telescoping the same diffrict to be sufficiently in the same of trick. Only in steel and in telescoping the same of trick to be sufficiently in the same of trick to be sufficiently in the same of tricks. Show the same of the same of tricks and culters, is the same of tricks and culters, is the same of tricks and culters, is the same of tricks and culters and culters, is the same of tricks and culters and culters and culters and culters are this week quoted £3, and minimum quality shows a compared to this time last time last time. the trop outlines—are uoug superior to that of a year.

Such a lower planes which were as per ton are now quotest which per hence. January this year, against £=1,441 for its asked, and for good branded hoops, £6 12s 6d in the same month last year. In quantity the difference is an increase of 1,908 tons. This increase degree of activity upon sicel and fron rails and upon value of steel manufactures shipped in the same of such a character as to call for mach jubilation in month. The total quantity of iron and steel example of the departments. Steel rails are the branch ported last month was 107.112 tons, as compared that is best off. The iron steel shipped from Cardiff The value of these exports was £1,645,280, as against the second of these exports was £1,645,280, as against the previous January, a decline of the plate trade is very languid, and enormous stocks in per cent. The plg iron exports duting the mounts amounted only to 99,971 tous, as against 102, improvement in prices. It is stated that in Liverston, while the decrease in value was equal to 43 pool these are no fewer than 500,000 hoxes stored at the first than 500,000 hoxes atored at the first than 500,000 hoxes at the first considerably durined, with Holland, France, and alone, and they are giving notice that they cannot well countries not specified, an improved business was take any more there. done. Of har and angle from the quantity exported was 19.581 tons, as compared with 28,357 tons, and the decline in rains was 36 7 per cent. There was a falling off of 11,645 tone in the month's exports of railroad iron, and the value was less by 53 per cent, In cast or wrought fron the difference was inappreciable. Hoops and sheets show a decline of 3,440 tons to quantity, and 18 per cent. In value. In oid Iron, sent out for remanufacture, there was an enormous decline, amounting to 21,036 tons in quantity and 70.3 per cent. in value. The figures are as follows —

Iron			Menth of	January, 1881.
Pig and puddied			. 4319,900	£1v9,901
Bar, angle, eta	•		. 212,517	134,446
Kailroad			283,187	27.915
Wire			87,761	19,004 67,997
Telegraphic do.			31,319 711,933	274 343
Hoope and sheets, etc.		•	211,100	210,5/10
Old Iron.			. 118,160	36,897

Our expert trade as a whole shows a slight increase upon January last year of 21 per cent. Our importe, on the other hand, are a serious decline—serious, inasmuch as the falling off is mainly in raw materials of manufacture. The general satisfaction came out as here: The imports show a decline of £6, 150 and 150 are constant out to the constant of £6. 629,945, as compared with the corresponding month last year, but the small increase of £278,916 over January, 1879. The totals of the past month were £26,742,962, as against £32,732,907 in January, 1880, and £26,367,046 in January, 1879. The total exports during the month amounted to £17,318,911, as compared with £16,912 858 in January last year, and £14,-196,518 in January, 1879. The serious increase in our stocks of raw iron is producing the inevitable effect of bringing out large quantities of metal which had got into weak hands, with the disastrous result as to the prices taken by such tenders indicated further on. That prices should have declined to the large extent shown is easy enough to understand when I point out that since this year opened the augmentation of pigs in stock in Glasgow and Midlesberough reproments no less than 100,000 tons. Stocks of steel pig from to not show any considerable growth. Indeed in the Barrow district, where the native hematite ore (of Lancashire, is almost exclusively smelted, the furnaces are heavily taxed to meet deliveries, and arrangements are in progress for the lighting of furnaces now out of blast, in that centre 98s, is now saked for Nos. 1, 2 and 3 Bessemer, and GIs for No. 3 forge hematite pigs. Of the making of steel from common plg iron in Bogland not much is just now being said, but statements continue to be published here, taken from German newspap rs. which indicate much progress in the subletting et the Thomas-Gilebrist patent upon the Con-tinent. The proprietors of the Header Works, says a Berlin part, have paid £15,000 to the joint owners of the patest rights (the Horde Works Co., and the Rhenish Steel Works Co.), and agreed, in addition, to pay 3s, 6d. for every ton of steel produced. Moreever, a minimum payment per annum is guaranteed during the continuance of the patent whether the patent is used or not Similar privileges are being acquired, on equivalent terms, by other cetablishments. The profits acquired in this way the Horde Company will, it is reported, enable the directors to reduce the call upon the shareholders, on account of new works which are to be built, from £200,000 to £150,000. The production of steel by the new method is said to cost 7s. 6d. per ton more than by the old, but, on the other hand, the pig iron used costs only 43s, instead of 75s. While we continue to await your orders, which at present are provokingly delayed in other respects than those I have indicated as to crude steel, Iron and steel blooms together, I may add, with a trifle more buying upon the week in fron hoops-we watch narrowly all we can loarn of what is going between buyers on your aids and producers of iron or stool elsewhere. The losses sustained by the German trading company, of Frankfort, on consign ments of iron through their New York branch, are not, therefore, without their interest for the British fronmasters who have been and are hoping again to trade with the United States. According to a statement in a Berlin paper, considerable quantities of rails made on behalf of the company for the United blates are now lying in works in the Sour district, and other works are engaged in completing the remainder of the orders given. As these ralls are made specially for American railroads, it will be necessary to send to the United States, as they would have no value on this side of the Atlantic except as . A iron. The works for early deformation deserves attention in connection with from \$43 to \$50.

PHE METAL TRADE.

the cold of the control of the cold the from business are doing superior to that of a year boiler plates which were £2 per ton are now quoted of over 19 per cent in the value of unwrought merchant iron of which the late severe weather caused steel is the measure of the increase also in the a suspension. The new contracts are not, however, with 275 979 tons in January of last year, a de- last week amounted to 3,000 tons—a viry important crease on the past months figures of 28 3 per cent improvement over all the weekly totals since Christper cent. The bulk of this falling off was with the the railway stations. The London and North-Western United States, while with Belgium also our trade has Railway Company have 320,000 hores at one station

THE LONDON MARKET,

The following were the sto ing prices in the London metal market Peline ry 11, 1681

IBOX.

Bars, Welsh (in London)	6 17	ii 🙍	0 i	'nί
lars, Naredich (In Londou) lats, Staffordshire (In London) Nail rods (In London) lig, (I.M. R., fob Ulyde Rails, Welch (at works) Rails, North of England (at works)	10 0	U ap	lŎ 1Ŭ	ö١
liate, Staffordshire (in London)	. 615	0 😄	7 0	
Neil rods (in London).	6 5	0 🝙	6 15	0
Pig, G.M.B., fob Cirde	2 10	5 6	0 0	0
Rails, Welsh (at works)	5 10	Ü 🐞	5 15	0
Rails, North of England (at works)	. 8 10	Q 🐠	8 12	6
ATERL +				- 1
Bessemer rails (at works)		0 🐠		
Kagitsh spring	. 13 0	6 🖝	19 O	0
Swedish (in kegs)	15 Ü			
Swedish (in Isggots)	15 10	0 10	0 0	U
COPPER				Ì
Sheathing and sheets	71 0	0 🖝	71 3	0
Plat botiums	74 0	U	74 0	0
Tough cake	ANS U			
Best selected	65 0			
Burra of 1'-C C	68 10	U 🖝	00	0
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English sheet	. 15 15	0 🐙	0 0	0
Ruglish red		~ -		~ 1
Baglish white	71 16	Ō 🗨	23 10	
English patent shot	18 0	0		
Spanish pig	14 15	0 🐠	0 0	0
TIX (but ton)				
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Ruellah hare (in harrels)	93 10	0 🕿	94 ()	Ó
English refined	94 10	0	95 0	0
Hanes no	3 .00	0	0 0	0
Biraite	80 0	0 👑	0 0	0
TIR PLATER (per bo)	t).			
Charcoat, I.C., let quality	1 9	0 🦛	1 4	٥
I. C Coke	Ó 18	0 10	0 19	ě
Charcoal, I.C., let quality).			
English (5wanson)	17.10	0.40	Λ 0	٥
I worklish commences	10	~	• •	•

UNITED STATES MARKETS.

(American Manufacturer.)

Pittaburgh. Pig Iron.—The week just closed has been an uncoraing to hand, considering the near approach of the about \$3,000.000. This may not be attributed so opening of navigation, and, if the reports emanating fair, and prices have undergone no change since the previous week. Sales are still made in from 100 to solve they are) the market is unquestionate to the enhanced value of assets. In a sevent 500 ton lots, with one exception, which exception reason to believe they are) the makers are so far sold the business of insurance, and yet were enabled to lates to a local furnace. It has transpired that some school as represented, there is a large amount of matedays ago, the owners of a city turnace, as stated, have rial ressing into consumption, and the general situa-contracted with the Pitteburg Bessemer Steel Com- tion in point of fact more favorable than indicated by pany, owners of the new Bessemer steel works at the transactions reported from day to day. Hempeteed, to make and deliver 15,000 tons of Bes-semer from during the last half of the present year, and \$25 for No. 1 X foundry, \$22 for No. 2 X foundry, deliveries to be made monthly from June to Decem- dry, and \$21 fo. gray forge, are the lowest prices ber. We understand the price varies very little, if named. As a rule the holders ask 50c to \$1 above any, from \$28. It is certain, at all events, that the those figures, and report small sales at that. There price was a little lower than the commission mer- are some inferior makes offering at \$24.50 for No. 1 X chants here would accept. Sales of forge from have been made during the week at \$22.50 for coke from made from native ore, and at \$24 for iron made from Lake Superior ore and mill cluder. Commission merchants express surprise at the fact that pir iron does not advance under the stimulus of scarcity and large demand, and know of no reason why it does not except the comparatively low price of manufactured Iron, which continues to drag, notwithstanding the good demand. We report quotations of last week. Cold-sbort, \$21.50@22; neutral, \$22.50@23; extra neutral, \$23.50@25, clador-mixed red-short, \$25, all-ore red-short, \$27@27.50. Bessomer, \$28.80, No. 1 foundry, \$23 50@25. Missouri and Lake Superior lots. Store prices are about \$22 for Eglinton, \$23 for warm-blast charcoal, \$35. Hanging Rook cold blast Giengarnock, \$23.50 for Gartsherrie, and \$24.50 for charcoal, \$42@45, Hanging Rock charcoal foundry, \$296632; as to quality—all four months time Manufactured Iron—The mills continue fairly busy, and prices remain about the same as for some time

past. We quete same as last week: Har, Z.ZD; she No 24, 3.9 to 4c, tank, 3.1 to 3c—usual terms
Naits—The new oard adopted last week appears We quote same as last week: Bar, 2.25; shoet

be adhered to strictly. Stocks are raid to be very small We quote as before: 10d. to 60d, \$3 per keg, 60 days, or 2 per cent less for cash, with an abatement of 10 cents per keg on lots of 250 kegs.
Wrought Pipe—Demand continues good and prices

uncharged. Discount on gas and steam pipe, 65 to 074 per cont; on boiler tubes, 40 per cent; oil-well tuilo;, 22 conts not; oil-well casing, 72 cents not.

Reals—It is protty difficult to quote steel rails accu-rate. We heard of contracts being placed at \$64 at works for early delivery. Light from rails are worth

this column vise, that of renewed importations, if the the best price for common, even in small into you adverse influences at work in home and foreign mar- factured lend quoted as follows. Bur, stocks as compared to this time last year. No 1 buck, and 81c for patent chilled—less 1 pr. foundry commands \$25 readily, with the usual exception to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and for land to the trade for small lots, and the trade for small lots. tional transactions at higher figures. No 2 is very firm per cent at \$22, and is leaning to a higher price. The improxement in price inconfined chiefly to lower grades which for months past have been the most to suffer from foreign competition. Special brands are higher, Grav forge is meeting with a quite active demand at \$20,50@21, delivered It is questionable whether really good gray forge can be got at \$19 at furnace at present. The partial revival in domand is due to the fact that several large transactions in miscellaneous fron have been closed, and manufacturers are "covering English iron is still to be got at \$18 to \$20 tiarisherrie sells at \$2350 A very large pipe contract was given out late last week at Springfield, Ohio. and the bids were as low as \$30.24, which fact goes to show pig iron can be bought somewhere at remarkably low figures. The above price includes \$3.50 freight. Charcoal has not felt the improvement yet and is sold between \$32 to 37. Some Bessemer iron sold at \$26.

Blooms-Charcoal blooms are firm at \$43, and anthracite at \$55. There are none on the market.

Muck Iron-All good lots are enopped up at \$3000 38 50, and inquiries are numerous, with holders not

Nails—\$310, retail, \$3 wholesele; large sales large inquiries and excellent outlook. The Atlantic Association met at noon I needay and fixed card.

Iron Rails-So far as can be learned, several pending transactions in fron rails have as yet not been closed, but are in hand. The companies purchasing need rails before they can get steel rails. The weak-

bteel ruls-New buyers, if nocummodated in point of time of dolivery, pay high prices. Several lots have been placed recently, but our inquiries have not found transactions of this work s origin. No mills, so far as can be learned, are taking orders at \$60, and need not because of the firmer tendency abroad. Just what the actual terms are, are matters of conjecture, as the companies proter to not state prices which depend upon so many conditions.

Old Rails-The holders of old rails have capitulated and are waiting to be paroled. Bales of tees. The expenses were \$20,956,923, a bare shade brow have been made at \$27.50, as I less will buy now. forty per cent, of the premiums and herein lies the Doubles are quoted at \$29. Fewer sales have been bane of the business. The expenses of conducting beard of. Reports from abroad seem to indicate a the business of insurance is outside of all reson growing and permanent scarcity there, from the fact necessity or propriety. If the expenses of conduct that the old material is pretty well cleaned out. It so a reaction here would not be surprising. Stove plate is \$17 at yand.

Steel-There is an encouraging increase of inquiries from buyers, but tire stool is in most active demand just now. The general demand is good but im-

New York.

Pig Iron-American: Some commission firms express a little surprise at the moderate amount of orders foundry, and \$20 for gray forge, without finding buyers except for amail lots. At the close of business to-day there was some uncasiness ocused by the recent decline on foreign from and en old ralls, but so far as could be learned prices of good American fron were not materially affected. For that matter the probability of a decline even seems to be sutertained only among buyors.

Scotch: The demand continues very mederate, and while compaintively little of the current importation goes upon the market, there is a sufficient amount of stock offering to keep the tone easy, and prices are a to make certain, nothing is more certain to make the shade off when it comes to the matter of good sized

English: There have been tales of about 1,500 tons No. 3 Mkldlesboro at \$186618 50, and 800 tons Bease. mer at \$26@26.50, The market closes rather casy at those prices, Old Rails-During the week about 2,500 tons

Ta at \$21de27 50, and 3,600 tona D. H. at \$28.50de 29 have been sold. Some parcels are still slightly and there will doubtless be a large demand this spring. urged for sale, and the market is unsettled in conse-

Scrap Iron-Choice wrought acrap is the atrongest article on the market, and commands \$30f682 as to selection. A lot of 400 tons brought \$30 ex-store. Cast borings are quoted at \$13, cast machinery scrap at \$20, and old car wheels at \$31635, as to

condition.

Rails—Small lots of stool are said to have brought equal to \$03 at this water during the past week. Very few transactions in large quantities come to notice, risk of destruction by fire is one element of the cost but there are numerous orders, and \$60,7562 is quoted, of any article, and in part makes up the price for

INSURANCE MATTERS.

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STANDARD FIRE INSURANCE COMPANY

The fourth annual report of the above company and the President's remarks thereon, will be seen in another column. A material increase to the cipits atock is noted, and the security offered to pelly holders is claimed to be as great as thet of aux other company. During the nine thanths covered by the report 3,344 policies have been issued, from mainh. gross premium focome of \$67,271.30 was derived which, with receipts from other sources, main the gross income \$16,161.24. The net loss pold during the same period was \$28,532 17, this amount, however including losses of the previous year unadjusted at the last report Local boards have been established at Toronto and Pott Hope, and the directors and pate for the current year an equally prosperous re-The usual divident of 10 per cent, is recommended. Hamilton Spectators

INSURANCE BUSINESS FOR 1880

The returns made by insurance companies to it-Now York Insurance Department furnish a feir evi-mate of the business of the whole country. The whole number of five companies reporting to the ening tendency in old material may influence the department was 150, of which 79 were New inched delay. It is believed among those who know that a Siste companies, 55 were other State companies, and large business will be done in iron relis as soon as 22 were foreign. The aggregate assets of these is proliminaries are settled. Several transactions in companies amount to \$150,168,150, and their liabilities, including \$41,835,120 capital, are \$110,096.85. ties, including \$41,835,120 capital, are \$110,000.05 loaving a net surplus of \$40,071,163, a sum very nearly equal to their capital, which shows that the companies are disposed to afford all the protection possible to their customers. The total income of the companies was \$67,041,043, and the total expenditures, including \$6,027,147 paid in dividends were \$61,545,256. The receipts from fire premiums were \$54,799,060, and the amount paid for fire losses was \$30,135,107, showing that loss than sixty per cent of the premium receipts were required to pay the losses ing a business of \$55,000,000 had been reduced to twenty per cent., which is ample for the purpose a saving of \$10,000,000 could have been secured to the policy holders, or that sum could have been added to the dividends of the stockholders, or to the surplus of the companies, and thus afforded increased security It is gratifying to note that these reports show an improved condition of the companies generally The showing is that, while there are not so many companies reporting for 1880 as for the previous year by the number of 17, the increase in net assets is the business of insurance, and yet were enabled to pay dividends and add to their surplus from the income and enhancement of their socurities. companies have made losses for their stockholders. but the losses to policyholders by the fallure of companier to perform their contracts have been so small as to be hardly worth the mention. The insuring public has been well and faithfully served, and although rates have been somewhat higher than ther should have been, there are no special grounds of .unplaint

PRACTICAL VIEWS OF BUSINESS IN ITS BE LATION TO FIRE UNDERWRITING

The remark is not unfrequently heard that "the less profits fire companies make the better it is for the insured." The very reverse of this idea is the A good profit to the insurer is not more im portant to blin than it is to the insured. Indeed, it may be more important to the insured. To insure is insurance cotain to the justred than to have the insurer derive a good profit. The greater uncertainty of profit to the fusurer, so much nearer is the in-autance to the fusurer uncertain. Again, it does not by any means, follow, because one company in which property insured makes good profit and declara-large dividuads annually, besides adding something to a reserve fund, that the insured pays a larger premium than he would in another company that loss not show so favorable results, nor divide among its stock ow sers so high per cent, of dividend utility of are insurance, the absolute necessity for it places the practice of it among the most important classes of business transacted. Hence it should be expected to may a good profit over and above the legal or established rate of interest upon the capital nvested. In fact fire insurance companies are, in n one sense, silent or private partners in every kind of business or property which they insure, since the requirity represented thereby underlies the system of commercial business credit and is essential to it. The

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11. I wition recently assumed by some of the heater the insurance companies, touching the insuarry in this cuts over \$30,600,000 of insurance A tage foreign company it was found that the words ommission merchants, who within the past few days have requested their brokers to have policies containing the words quoted cancelled at once. They regard the cisim that the commission on merchandise held on consignment is not insurable as a great outrage, and to lieve that the companies should pay, in case of loss, the market value of the goods or the cost of replacing them after a fire. They contend that the selling price of manufacturers' agenta is the market value, and that if the companies go into the market to buy or to replace the damaged merchandise they will be met with a price which includes commissions. They further claim that the whole business of commission merchants, their rent, outlays for insurance, travelling agent, carrage, and all other items of expense are made out of the profit of the commissions of the sellers, and that it property be destroyed by fire they are thereby prevented from making sales and obtain-ing commissions. This, they say, is the gist of the trade, and if the insurance companies decline to pay for commissions, they deprive the agents of the only real interest they have in the property insured. Their claim goes even further than this, and is based on the assumption that their commissions are insurable as part of the market value in addition to the selling price and that the companies have repeatedly paid such claims, thereby admitting their justice. One commission merchant with whom a Times reporter conversed said: "It would revolutionise our business if the companies generally determined not to allow abything for commissions in settlement of losses, and conversed aid: "It would revolutionize our business if the companies generally determined not to allow anything for commissions in settlement of losses, and we will fight the issue to the bitter end if, after years of acknowledgement of the justice of such claims, the opinion of this gentleman would alletate the commission merchants from the insurance companies (ag. 85,000; London, Liverpool and Globe, \$5,000; Quicker than an arbitrary course of this kind. Another merchant characterized the exception clause in question as "preposterous," and said that if the companies were to adopt it generally commission merchants would get their insurance in Bostea, where the Massachusetts standard policy form, which where the Massachusetts standard policy form, which contains no such condition, is in operation. At the National Convention of Insurance Managers, in this city, the insurance of commissions was resely discussed. A resolution accordingly of the large fire last week at Montreal. The following is get the insurance on Nordheimer's huilding:—British America, \$5,000; North British America, \$6,000; Commercial Union, \$4,000; Morth British, \$2,000; Commercial Union, \$2,000; North British, \$2,000; Commercial Union, \$4,000; North British, \$2,000; Commercial Union, \$2,000; North British America, \$2,000; North British America, \$2,000; North British Amer cused. A resolution condemning the practice was increasing each time very heavily. The case was nitroduced, and, after a long debata, was hally retails: Bome two or three years ago a Chicago comferred to a special committee to report at the next mercial traveller, named C. H. Worthen, was injured convention. The gentleman who introduced the lattice Grand Trunk function. He was coming to say 49 resolution, the resident manager of the North British. British and when approach a say the property of the proper ket price Supposing they were burned, they were paid for at the market price. Now, is there say change in the position of the commission merchant? Does the menufacturer, when he has sold them, if sold at nothing more than the manufacturing price, allow the commission merchant anvihing? does, then it comes out of the value of the goods, and we, paying the value of the goods, include that, commission merchant go's his commission if he sells the goods, they are paid for (in case they are burned) at the market price. He is entitled to some pay from the manufacturer, and he gets the value of them. There is, therefore, no reason why we should pay more when they have hurned than the commission merchant could get for them if they were sold." Mr. il ald, vice-president of the Home, contends that the commission merchant stends precisely in the relation tefore the courts that the retailer does after goods have passed out of the jobber's hands into the hands of the retailer. He believes that the question is one of considerable importance, and that the companies ought not to take a false position upon it, or one contrary to the decision of the courts. The courts have held in so many words, eags Mr. Heald, that whenever you insure the commission merchant he is cuttied to recover the full value of the goods. Now, what is the value of a thousand yards of prints that are produced in two mills running side by side, and sold in adjoining stores in New York 7 Each store is selling these goods at 9 cents a yard, with a composed of the principal business men of that city, from the owners of the goods. Is not the market mont of new industries at that place

i is to be sold. It makes no difference whother | value of the goods 9 cents per yard ! The court tions by the incohant or tradesmon or by say that the commission merchant shall be entitled a north party of the cost of the relationst to recover the full value of the ground. Where the proposition the cost of the rest of the first proposition of the ground where the proposition the cost of the first proposition of the ground where the first will be considered anomal of the first proposition of the constant of the constant proposition p The transfer of the part of the transfer of the proof, a continual reserved of the transfer of the proof that the the transfer of the proof that the proof that the transfer of the proof that the part of the transfer of the proof that the transfer of the construction of the proof of the transfer of the construction of the proof o conflict both that of the process of the process of the configuration of the configuration of the problem of the process of the problem of the process of th

2 of the let ad attendant upon co. duction the REPORMATION OF INSURANCE POLICE .

A policy of insurance being an agreement to even the even parties should in its terms combined the green at A mist do not the dates or combines or in the de-A misside in the dates or company or in the de- we can be entered by a No. 1 to 10 t responding to this company shows that in besigning of the subject matter may be corrected by a period of the promise received reformation of the policy so that listering may corrected by a period of the School of which \$2,957 was paid for poul to the actual agreement of the parties. The old the control of put is not being \$5.058,716, of which the greater to what the policy should contain and there must be put is a dies where fire extinguishing appliances a mistake in the expression of the terms. If the term of the management of this company minds of the parties slid not originally agree there. here has dead the directors express the hope that can be no correction, because the correction is to be here is selection of risks the company will pro- made to contorm to the real agreement of the parties constraint mak among Canadian Institutions of Circumstances of fraud may arise which will provent the company from instating that their agreement was different from that of the insured. If the company s agent understood the proposition and expectation of the applicant, and did not inform him that such ex-pectation could not be carried out in the proposed contract, the circumstances would justify a correction of of commissions, is creating much comment than of the applicant. This rule operates in favor of the policy to conform to the proposition and expeciaanother completion merchants, who, it is estimated, the company as well as in favor of the assured. In the case of the North American Insurance Company the case of the North American Insurance Company value parties of this amount expired at the close of the North American Insurance Company value in and applications for renewals were duly policy to terminate December 22, 1864. By mistake made on examining a new policy issued by a the policy related like the date of terminates as the policy clerk filled up the date of termination as true for any company it was found that the words December 22, 1865. A loss occurred in December, for any commissions on merchandles in the 1805, and the holder of the policy sued to recover and of consigners' had been added to the clause for the loss, but the court permitted a reformation of specifying the exceptions absolute on account of the loss, but the court permitted a reformation of the policy so as to read December 22, 1864, and the policy was immediately communicated to several retains the policy without complaint does not operate against his right to a correction. It generally happens that the first careful reading of a policy is after the loss occurs. The insured generally has confidence that the company will present to him a policy which will effectuate the intentions of the parties, and if this confidence is abused, the mere fact that the insured receives the policy without examination and telles upon its coneciness will not prevent a reformation. Brioso vs. Mutual Ins. Co. 4 Daly, 246. In Bidwell vs. Astor Mut. Ins. Co. 16 N Y. 264, the policy was laid away for nearly a year before the loss occorred and tue mistake discovered. A recent case in Wisconsin, being that of Knox vs. Lycoming Fire Ins. Co., is a good example of a proper case for equitable relief. The agent solicited the insurance on the 12th of May. The plaintiff paid the premium, the agent gave a receipt therefor, and it was agreed that the tisk commenced at that time. The agent returned and on the 14th made out a policy and mailed it to plaintiff. The policy was drawn pursuant to the contract, except that by its terms it was to commence at noon, May 14th, the day it was written. The property insured was destroyed on the morning of the 14th. The court reformed the policy so that the rick should commence on the 12th,—American Er-

-The insurance companies lose somewhat heavily

city, the insurance of commissions was treely dis- timated by juries at \$20,000 and \$45,000, the price and Mercantile, said he was in favor of allowing ing the junction stepped out upon the platform. A commission merchants such proportion of the com-missions as would have to be assorticed by the manusche cars, and so injured as to lose one of his legs. He missions as would have to be asonneed by the manuscine care, and so injured as to iose one of his legs. He facturer in case he wished to withdraw his goods. Bretter Notman, President of the Niagara, speak- a verdict of \$40,000. Upon the second trial the jury ing of the question of commissions, said: "Supposing the goods were sold, they would be sold at the market price. Supposing they were burned, they were jury gave him \$36,000. The railway company took the ket price. Supposing they were burned, they were jury gave the plaintiff a verdict of \$45,000, and this sold for at the market price. Now is there are verdict has been sustained by the court,

-London had 2,194 fire alarms during 1880 : 206 were false and 117 chimneys. Compared with 1879, this shows an increase of 153. 33 lives were tost and 127 injured. 21,072,739 gallons of water were used, onehalf of which was taken from the river, cenals and docks, and the remainder from the street pipes. brigade includes 52 land fire engines, 5 movable land stations, 117 fire escape stations, 4 floating stations, 3 large hand steam fire enginee, 35 small do., 73 6-inch masual fire engines, 37 under 6-Inch do., 135 fire escapes and long scaling ladders, 3 steam floating fire engines, 1 steam tug, 3 barges, 17 hose carts, 15 vans, 2 trollies, 68 telegraph lines, 170 miles of telegraph, 6 fire alarm-circuits with 40 call points, 485 firemen, including chief, superintendents and all ranks, 97 firemen are employed during the day and 212 by night, making 309 in all. The remainder are for Heneral work at fires.

-Seven prisons were drowned or killed by a collision of two liritish vessels on the Yangto River, China, some time aro.

-The brigantine Isadel, of the Brazilian line, has been wrecked on the coast of Newfoundland, and her crew are said to have been lost.

commission of 5 per cent. That is a commission are making an organized effort to secure the establish-

POSTAL TIME-TABLES.



Post Office, Ottawa. Canada Central Railway

ARREAD AND REPORTED OF MAILS.

The probability of the probabili A L. Controll Ling viller Montrol Notice of the state of the stat 2 19 (100) (100

toffice hours from S. c.m. to S. p.m. Lot. Savings' Bank, and Money Order for ances, the most of p.m. G. P. HAKER, Postmaster

Post Office, Montreal.

Mosteria, July 5, 1889. DELIVERS MAIL. ONTARIO A WESTERN PROVINCES. *Ottawa by railway *Provinces of Ontario, Man-itoba & British Columbia Ottawa River Route up to Carillon of ebec. A fastern Provinces. Quelec, Three Rivers, Berthier and Sorel, by Q.M.O. & O. R.;
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St. Armand Station
St. Johns, Vermont Junction
& Shefford Rys.
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daily on Haiffax, whence
despatch is by Packet
leaving th and Sth July 600 LOCAL MAILS. Beauharnojs Route..... Beauharnois Roste
Boucher ille, Contreceur,
Varennes and Vereberes
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By Cana "an Line, Germany (Priday)
By Callerd (Monday)
Supplementary, see P.O. weekly notice
By Pasket from New York for England
(Wednesday) By Packet from New Array
(Wednesday)
By Hamburg American Packet to Germany
(Wednesday) 2 15

*Postal Car liags open till \$ 45 a.m and 9.15 p.m.
900 p.m.
The Street Boxes are visited at \$15 a.m., 12.30, 8.30 and 7.30 p.m.
Registered Latiers should be posted 15 minutes before the hour of closing ordinary Malia, and 30 minutes before closing of Knglish Malis.

Letters, etc., prepared in New York are for-warded daily on New York, whence mails are despatched Yor Havana and West Indies, old Havana,

every Thursday p m .

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2 15

TO MALTSTERS.

TVIR undersigned bee to inform multsters and the trade L. that, having lately added new and powerful steam machiners for the especial purpose of weaving extra strong STEEL VIRR CLUTI for insit and drying him floors, are now prepared to quote prices for the above goods. These floors are mach more economical than from titles, saving from 30 to 40 per cent, in fuel and labor, and producing a brighter sample of mail.

TIMOTHY GREENING & SONS, DUNDAS, ONT. (6:3) RAILWAY TIME TABLES.



CHANGE OF TES



ST. LAWRENCE AND OTTAWA RAILWAY.

On and are THURSDAY, 10th HINF, 1890 terms will run as follows -

LEAST OFFICE A For the Feet, West, South and reath Fast 11-15 a m. For the Feet 200 p.m. For both First and West 10-20 p.m.

For both Vest and West

4831-180 is 0774W4.

From both Fest and West
From both Fest and West
From the Leet. South and South East
400 p in
From the West
Going West take the 11 a m. train
Ample time for dinner
at Prescott Junction
Sire t onnections with Grand Trank Tenns to and from
both East and West, and with those of the Rome, Watertown
& Ordersburg and Lake Champlain and I tien A Black River
Rnilwass at topiculains, to and from New York, Boston, and
all points South and East.
A Steamboat Express Train will leave Ottawa on Tuesdays,
Thursdays, Saturdays and Sandays, at 9 a m., connecting
with the different lines of steamers on the St. Lawrence, for
both East and West,
A Sofa tar will be run on the Night Trains between Ottawa
and Prescott Junction
Trains are run on Ottawa time.

WALTER SHANLY

WALTER SHANLY General Manager, Ottawa.

Ortawa, July 26, 1450

Q. M. O. & O. RAILWAY.

CHANGE OF TIME.

COMMENCING on Wedgesday, June 23rd, 1880, trains will run as follows:-Mixed. Mail. | Baprass. 1.00 a.m. 8.30 a.m. 6.15 p.m. 10.30 a m. 12.40 p.m. 9.25 p.m. 1.00 a.m. 12.30 a.m. 9.15 p.m. 10.30 a.m. 12.30 p.m. 9.15 p.m. 9.15 p.m. 10.30 a.m. 10.40 p.m. 9.20 p.m. 10.00 p.m. 8.00 p.m. 6.00 p.m. 6.00 p.m. 9.20 p.m. 8.00 a.m. 6.30 a.m. 6.40 p.m. 8.00 a.m. 6.40 p.m. Leave Hochelage for Hull Arrive at Hull Leave Hull for Hochelage . Arrive at Hochelage Leave Hochelaga for Quebec 8.00 p.m. 8.37 p.m. 7.15 p.m. Jecome Arrive at St Jerome Leave St. Jerome for Hock-Mized. elaga Arrive at Hochelaga. . . .

[Local train: 'ciween Hull and Arlmer.]
Trains leas. Mile End Station seven reinutes later.

Jam Magnificent Palace cars on all passessor trains and,
elegant sheeping cars on night trains.
Trains to and from Ottawa connect with trains to and fromquebed. Sunday trains leave Montreal and Quebec at 4 p.m. All trains run by Montreal time.

GENERAL OFFICE, 13 Place d'Armes Square.
TICERT OFFICER, 13 Place d'Armes and 202 St. James St.,
Montreal, and opposite the St. Joule Hotel, Quebec.
L. A. BENECAL, General Esperintendent.

INTERCOLONIAL RAILWAY.

JMMER ARRANGEMENTS, commencing 14th June, 1880:-S

Nt. John 6.07 a.m.

Halifax 10.45 p m.

This train connects at Chaudlere Curve with Grand Trunk train leaving Montreal at 10 p.m.

The trains to listifax and St. John run through to their destination on Sunday.

AST The Pallman car leaving Montreal on Monday, Wednesday and Friday, runs through to Halifax, and that leaving in Tuesday, Bursday and Saturday, to St. John at 10.25 p.m., and which reach Montreal at 6.30 a.m. by connecting at Chaudlere Curve with the Grand Trunk train at 8.50 p.m., remain at Campbellton over Sunday.

For information in regard to passenger fares, tickets, rates of freight, train arrangements, etc., apply to CAPT. MacCUAIT. Sparks St., Ottawa.

D. POTTINGER, Chief Superintendent.

DUNDAS FOUNDRY AND ENGINE WORKS. ESTADLISHED 1838.

THOS. WILSON. MANUPACTURES OF

STEAM ENGINES, BOILERS

AND ALL KINDS OF MACHINERY. DUNDAS - - . ONTARIO. SEND FOR CATALOGUE.

TO LUMBERMEN

The undersigned is propared to quote prices to Lumbermen for shanty and all other description of Blankets.

Money can be saved by purchasing direct from the manufacturer.

ARTHUR TOOMEY BLANKET MILLS

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Above represents stocks and movements at London and Thames linven Public Whatves only.

PETROLIA OIL REPORT.

We have the pleasure of reporting a revival in the demand for crude during the part week, and a sight approviation in value. Transactions during the week appreciation in value. Transactions during the week Jave been quite numerous, and sales are registered en the bulletin board at the office of the Tanking Co., at \$1.55 in tank. Refined is fairly active, with prices as before, 20 to 21 cents. The attention of the trade generally is turned towards Ottawa, in expectation of shortly learning the course determined upon by the flovernment as to the proposed changes in the law regulating the manufacture of petroleum. Hon. Mr. Blake has signified his desire for the removal of the apocific gravity, but when he learns the evil results to both producers and consumers which would follow both producers and consumers which would follow auch action we believe he will be content with a relaxation of the present stringency Drilling opera-tions in the producing territory are being presecuted vigorously.
In their lumber yard J. & J. Kerr are down 276 feet

They are moving a rig in the grove.

Noar the King territory W. Stavenson is building a

P M Kennedy is in the top seep on lot 9, 15th concersion. Christner & Co. are finishing with a small show in

Marthaville.

F. Ward is building a rig on lot 8, 13th concession II. Sykos has finished with a small show on lot 8,

12th concession. Peat & Co, have struck a three barrel well on lot 6,

THE PARTY OF THE P

11th concession. J. L. Englehart is drilling in the lower line on lot 8, 12th concession.

Croster & McLean are moving a rig to lot 2. 11th John Harris to me ring a rig to lot o, 12th con-

Jas. Rainsberry has finished with a good show on his

own famn On lot 1, 17th concession, J. Leckie is getting a McKenzie & Co. are down 200 feet on lot 1, 11th

concession Corey & Moore are down 400 feet in Sarnia Town-4hip.

A little south of Glesson's refinery, J. McCarly is down 360 feet On the flats Hockins & Smiley have struck a two

barrol well .- Petrolie Topic.

THE SUEZ CANAL

The following is a return of the ships and tonnage which passed through the Canal in 1880 and the preceding your -

	1990	λ.	10	19.
•	Bhips. '	Gross Tourses.	Ships. 7	Gross. Contare.
Rogilsh Franch Datch Italian Austrian Spanish Getman Russian Expelien Jianish Norwegian Ottomen Portexuere Jelfan Laberniau American Jananese Ernauliau	6hips. 1 1/02/10/10/10/10/10/10/10/10/10/10/10/10/10/	3,14,63 27,164 174,75 104,90 104,90 104,90 13,96 14,96 15,96 16	8h'ps. 7 1,144 61 62 62 7 16 25 16 7 12 6 6 1	Contage 2 200 Aug 201
Negitis MITIEB Signatur		361	2	1,92
Totals - including fractions of tons	2./26	4,541,619	1,477	3 278,94

-It is now over thirty years since the first grant of land was made to railroads in the States. The reliways were then few and struggling for an existence the idea of investing their funds in railroads. The government was forced to come to the aid of those commercial highways. Few persons have any very clear idea of the amount of land that the Unite listes Government have given to railroads. In Illinois there has seen granted for the above purpose 2,593,053

in the state of the past seek are the largely excluding and the past seek are the second seek are the same of the past week are the largely excluding attention of the largely excluding attention to the largely excluding attention of the largely excluding at the largely excl 1. (4) (4) 112.7/10 107,30 107,30 100,00 100,00 A41 (84) 1,000,000 20 (0) 21.00 (110 101 165 166, Respi. 'a Real Letate Loun and Debenture Co. Louis Louis and Savings Company Western Canada Louis and Savings Company .1} 45.42 i 152 1 000,000 34/11 INSURANCE, AC British America Western Assurance Canada Lit. Confederation Iafo Association. Consumers' time Issainion Telegraph Montreal Telegraph Gilobo Printing Co 169 217 216 216 216 216 645,393 935 000 96,994 10,000 510,000 1 711,7 **
2,000,000 4nv 000 125 000 50 000 000 000 711 709 5, 2,000,000 120 INTELEST PAYABLE DEBENTURES, Ac WHERE PATABLE. Dominion Government stock, 5 per cent 30th April and 31st Oct Ottawa, Montreal, and Toronto County (O tario), Township 6 City of Totonto 6 Toronto, threy and Broce bonds, 6 Toronto and Nipsssing bonds 1: \$ 110 January and July January and July London (Bog), & Toronto MONTREAL STOCK REPORT. Capital aubscribed Dividend Closing Prices March 9. NAME. Rest. Months Sellera. Bujers. British North America Canadisa lisak of Commerce Institute Bank Jiu Pespie Kartern Townships, z d \$ 4,995,695 6,000,000 970,290 1,600,000 1,400,000 1,000,000 1,000,000 1,170,000 1,400,000 856,000 240,000 300,000 40,000 220,001 80,000 6,910,000 970,250 1,400,010 1,382,037 1,000,000 1,410,000 743,100 88888888 180] 156 91] 110 61 143 3} 421604212 Exchange liank
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Montreal City Gas Company
Montreal City Gas Company
Montreal City Passenger Railway Company
Montreal Loan & Mortgage Society
Riohelleu & Ontario Navigation Company
Intercolonial Coal Company
Quebee Fire Association Co.
Silver Plame Company
Hoyal Canadian Insurance Co.
Graphic Printing Company's Ronds.
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Montreal Harbor 6 p.e. Bonds
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acres, in Iowa 6,795,529 acres, in Mississippi, 2,062,740 Timber Trades Journal, of Feb. 12th, says. acres, Alabama, 3,579,120 acres, in Florkia, 2,300,114 From America we are told the coming season will acres, in Lousiana, 1,575,720 acres, in Missouri, 2.985,-160 acres, in Arkansas 4,878,1/9 acres, in Michigan. 4,112,480 acres, in Wisconsin 4,806,436 acres, in Minnesota 9,902,041 acres, in Kansas, 9,370,000 acres addition to the above extremely liberal grants, the United States has given to the Pacific Railroad corporations to the amount of 159,486,766, making a grand total of 215,393,807 acros. At a moderate esti-mate, the value of the above lands amounts to fully \$539,009,529.

-The Montreal Star obtains the following perioulars of a new and important enterprise to be carried out by Messra Shickluna, the extensive shipbuilder of St. Catharinos, as the result of the despenier of the Welland Canal, and the important bearing it will have on the extension of the inland carrying trade of Canada. In order to meet the anticipated wants of shipowners, the Messrs. Shicklups are about to build. during the coming summer, a large dry dock consist-ing or a beain and a litting lock combined, an inner slock for repairing, and another one to lengthen ves-sels or build new ones in. The estimated cost of these works is over \$50,000. By their erection they will to enabled to dock the largest vessel on the lakes. They contemplate building several large craft during the summer, and at prescut have a model of a vessel 200 feet long, 16 feet in the shallowest part in depth of hold, or an average depth of 18 feet; leam, 37 feet. of hold, or an average depth of 18 test; items, 3 test.
In a depth of 12 feet of water they calculate that this ressel will carry 50,000 to 60,000 bushels of wheat.
It has been questioned by some people whether vessels of such large capacity could successfully narigate on canals after the improvements are completed, and we think the action of such men as Mesers, blickluns,

witness one of the largest outputs of loge that has been known for several years; but such is the ever increasing demand for building timber in that region, where cities rise up with mushroom-like rapidity, that we do not anticipate any great glut of pine in the London market. We have witnessed an anomaly of the trade in the fact that, with a shortage of pine stocks, prices have gone somewhat lack, and, supposing the shipments of this particular description to be the reverse of those of last year, it would only be another neculiarity if the values increase with the supplies. Considering impartially the present aspect of the trade, coupled with the large supply of timber on hand, we don't, even with a moderate production on the north of Europe side, that sellers will be able to keep values at anything like the quotations a month There is a desiralmong shippers' representatives here to press sales at some sacrifice, and they would not do this if they were confident the projection for 1831 would be a small one. It is a somewhat thankless task to decry prices, but after the experiences of the past season we must not let our columns be made the medium for statements that best a one-sided character, without keeping our readers fully alive to the state of the stocks on this side. It is open to shippers, and within their right, to state to a deal, if they can, what their productions will be, but when they go tato the field of sutanise, and profess to give us general review of not only their own productions, but that of the whole lady of tall owners, while they admit a difficulty in getting a correct estimate, and can at the hest furnish only an approximate one, we are obliged to look back and compare the statements previously made by the Swedish statisticians with the result of the searon's shipments, and if these were not borne out, there is nothing that has occured since why the deductions they now make should be more trust-worthy. At any rate condon is perfectly independent and at first thrown aside as useless. On further excit the northern ports of Europe were blocked till midsummer, unless something extraordinary in the way of demand should crop up.

DOMINION TRADE REGISTER

INDUSTRIAL DIRECTORY

AGRICULTURAL IMPLEMENTS SWITTING MANUFACTURES OF STREET

ANILINE DIES

FMIT HOURFT & CO. Monte of Agents of a COTTON BROKERS

M. WIGGER, Innides, Our soule next the law A Meteore, estion tectors, Nec COTTON MILLS

DUNION COTTON MITTER O Duning One of the denous to kings were set? HAMILTON COTTON MILLS CO. Many

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TOHN MACKAY, Dunder, Out - Man (fee)

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EDGE TOOLS B. J. W.H.SON, Danday Out -- Manufactorer of mostly like grounded and galdway control of

ENGINES AND BOILERS

G. C. Milkilly D., Hamilton -- Logines, 1 hammers, e.s.

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THOS GRAHAM, Toronto -Manufacture and a bles and rieje,

FURRITURE OSHAWA CABINET (9)., Oshawa, Ont -Farmer, far turers Terroro branch, "Chougo St. by branch, 43 and 449 Notro Page St.

AMRRICAN BRACKET Co., Hamilton, that Mandures of all kinds of fancy furniture, brackets GLASSWARE.
II A MILTON GLASS CO., Hawitton.-Manufa , fint and green glassware.

GLOVE MANUFACTURERS

W. H. STORE: A 80N, Acton, Ont -Manufactures, glosos and sultte in every variety and style HUBS, SPOKES AND BENT GOODS F W HOREASON/Hamilton, Ont.-Manufacturer. (1) spokes, sim: shalls, poles, sleigh and cutter sind

INKS. F. F. DALLEY & CO., Hamilton, Out -Mann'actur-take, blackings, harness oils, perlamery, etc.

IRON WORKS.

IRON WORKS.

CANADA SCREW CO., Dundas,—Manufacturers of and brass serious, bulls and press.

COWAN & CO., Galt.—Manufacturers of every description of wood working machinery.

DOMINION BOLT CO., 87 2t. Peter St., Montreal Var. facturers of every description of botts, hot present the railway spikas, bridge, botter and from tivets. Works, Torunta.

HAMILTON BRIDGE & TOOL CO., Hamilton -Ire a. McKECHNIR & BERTRAM, Duader.—Machine formation wood working machinery.

OSILAWA MALLEABLE IRON CO., Oshawa, Ont. -Mo. niseturers of malleable from a sec Coe and Tata pre-serow wrenches.

KNITTING MILLS. S. LENNARD & SONS, Dundas.—Manufacturers et al. and fancy hosiers.

LEATHER BELTING.

DOMINTON BRITAND HORK CO., Toronto — Pak Punta belting, face leather, etc.

ORGAN BUILDERS. BOTTON & SMITH, 167 Mountain St., Montreal of the cand repairing attended to.

DANIEL BELL & CO., Toronto.—Manufacturere de l'a "Excelsior" ergana. S. R. WARREN & SON, Toronto.—Manufacturers of the

PAPER MANUFACTURERS. CANADA PAPER CO. (Limited), 574, 576 & 578 St. Pact Montreal — Manufacturers and importers of all kind-papers. Mills at Windsor, Sherbrooke and Portocul

DOMINION PAPER CO., 57 St. Peter St. Montrest-Manufacturers of manifes, book and news print (22) board middles and colored papers

JOHN FIGHER & SONS, Dandas—Manufacturers of the ing and wrapping papers WM. DARBER & BROS., Georgetown,—Manufacturer book and fine papers

SAW MANUFACTURERS.

II. II. SMITH & CO. St. Catharines—Manufacturer is Linds of saws, plastering from Shaw knives etc. r snutacturers for the Dominion of Canada of the co-brated "Simond's Saw." SHURLY & DIRTRICH, Galt. Ont.-Manufacturen circular and cross-out saws, plastering trowels, etc.

SCALES.

CANADA SCALE WORKS, Jac. O. White & Co. Ton-—Manufacturers of all kinds of standard scale-tors, los Adeia de St. Kast.

SPICES, ETC.

R. D. VAN DE CARR & SON. Toronto. — Manufacture and emporters of coffees, spices, eream tarter, must recte.

STEREOTYPERS, ENGRAVERS, ETC. F. DIVER & CO., Toronto -Flectrotypers and stores and Designets and engravers on wood.

TELEPHONES. right an to \$20 per pair; wire 3e, to 5e, per red and two tables.

WIRE WORKS B. GREBNING & CO. Hamil on, Ont.—Manufactun on wire ropes, cloth and 20neral wire workers.

TIMOTHY ORKENING & SONS, Dunder, Ont. More frequency the extract description of a rel with mali kills floors, and rese at wire weavers. WOODEN GOODS
T. BRANDON & Ol Toronto-Have special in and machinery for the manufacture of all and wooden articles. Correspondence solicited.

WOOLLEN MANUFACTURERS.

ROUTH & CO . Cobourg - Wootlen Manufacturer JOHN WARDLAW, Gold, thet, -Manuf. conter of Spaceton, wheeling and koli log yaras. WOOLS AND COTTON WARPS

WINANS & CO., Toronto. - Desloys in wools and or



Large quantities of a peculiar kind of ore were discovered at the Hull Iron Mines, now 'a operation

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an interest and very healthful spring trade—but especial frequences on second to deprecate the action of Congress in relation and considerable wister of tusiness men generally. Package trade in geteral thing, ruled moderate, though in some lines the burders Prices are firm and are being steadily monthlied In outside makes or less desimble bands the position is not quite so strong and selling same bare a slightly easier tone, without any quotalle langes of moment to note. In bleached goods fair improvement in volume at firm ateady figures bloke of desirable makes of these are also rather me wied. For colored cottons the leading brands ail without much especial change, but in exreflent shope, three in pri. o and in fair movement on lank account and for current orders. export request for staple cottons exhibits marked improvement, and some styles are well under control for this direction alone. For ginghams, cotten dress goods, prints, etc., there has been a feir to improving he kage request, with the most relative activity in the former. In men's wear woolleus the position of the general market is without especial change, and selling values on the principal makes are toing stemitly and firmly hold. In spring weights the new duplicating request has been of moderate proportions, although having secured a little better attention from layers. Freer deliveries, however, have seemingly been effected on tack account. In now fall wootiens additional new openings have been made in a quiet or partial way, on which, considering the condition of trade generally, a moderately fair complement of orders has been placed, but as a rule the season for them is as vet much too early to make any extended remarks as to the future of trade in this direction However with improvement of the weather, the ludie cations are that towards the middle of the month trade will open satisfactorily. In the present condition of affairs, for obvious reasons, we defer any extended notice of such openings as have been made. or any very special references to styles, qualitities and prices, leaving that to the time when the exhibitions in one more general and the season a little more jully developed. In other classes of woollens the market nithout especial change, and the new movement from agents' hands has generally been moderate.

SUk.

The manufacture of American silk goods such as uwines, twist and floss allk, broad goods, bandkertiets, ribbons, And laces, trimmings and small goods, and the silk value in mixtures, amounted in round neures in 1879 to the value of \$30,000,000. This was --- awollow as follows .---

Sewings, twist and flore silk ... Finad goods liendkerchi fs, ribbons and lacus 7,060,025 irimm ngs and small goods .. 1.8,780

\$39,783.614 var In fourteen States of the Union we have over 15 ailk manufacturers. The States having the largest representation of these are New Jersey, Conneticut, New York, Pennsylvania, Massachusetts and which Paterson represents about cighty. The market be the spring season opens with a very fair demand for goods. Agents and makers have sold off all sur plus jobs in stock carried over from last year, and tre the offering new goods, which are meeting with resty sale. Prices on the average are about per cent lower than those of last year. On some styles of goods the rates are unchanged. On there there is ten per cont reduction, which makes her cent about the mean. Trade early fast fall was was good, but later on in the season it was not so structory, from the fact that the market has quantities of goods were carried over, and these within the past six weeks have been sold at reduced ortion in now have protably gonerate consumption on all indications the outlook for spring trade is very promising. No advance in prices is looked for cough at late there has been a glight tendency to-Wards stated values.

Fur. Skins, Etc.

The for and skin trade during the present season has teen an unusually active one, with firm, strong upward ornes prevailing for the same. For seal skins the determined has been firlak, and selving values are very The present season's seles will end with the these of March. The supply of scale comes principally from Alaska, which furnishes about 100,000 yearly 69 000 ad litional. From the Shetland Island there is 5,802 from China.

PRE DRY GOODS TRADE.

(NILLO STATES MARKETS

In 18 deep for an intermediate the method of the control of the co value, while the Siberian have been selling well. season has been an exceeding active and prosperous will necessarily be light until the be and snow melt. That has been existing two months past the request for medium and tino shirtings showed a an usual, the receipts this season being estimated at about 30,000 tobes. This is probably owing to the British bonters, and then killed the beasts and tanaed

the mean average, however for good skins is about \$8. Woollen Goods.

On such makes of new tall woollens as are open more attention has been accorded by the cluthing trade, and in some instances very fair orders for future delivery have been placed. Buyers have been coming in in good numbers, although taking hold of new goods to some extent, yet their selections, as a rule, have not been up to expectations. The weather continuing so changeable and unfavorable in character has naturally militated much against new business in this department, and until it becomes more settled and pleasant much improvement cannot reasonably be looked for Burers in the mountime, as is to be expected, will not largely unticipate their wants, but be very conservative in their purchases, confining The total of banks and branches is 414, with a capital them largely to their current needs. In spring weights, of allows 172 millions. The net profits during 1877 while the duplicating demand for the most desirable styles shows some therease, it may nevertheless be characterized as inving been moderate. Of inferior or less popular patterns, including odds and ends, a number of lots have been moved at prices satisfactory to the buyer. However, in good patterns of fancy cassimeros and sultings rolling values are being steadily mainteined, and are firm on the bulk of current quotations. Worsted coatings in new fall weights have been receiving comparatively fair attention for this stage of the season, and some good orders have been placed. In spring styles, new business, aside from clearing up the endue of stocks, has not been very active. However, the leading makes have their product under the control of orders, and liberal deliveries are boing daily executed. In overcontinga-save a moderately fair request for low and medium chinchillas and fancy back styles, there has not been much movem in of importance to note Some makes are well sold to arrive. For some styles of clossings there has been a comparatively fair inquiry for small lots, but the general request has exhibited but little animation. Satincts of the most popular surring and overcoating patterns are sold close up and light in movement. In Kentucky jeans and doe kins there is very little change to note in first hands, the alifornia. Of the silk manufacturing establishments, it mand having ruled moderate. With the jobbers, hew Jersey alone contains over one hundred, of however, there has been a moderately fair to incrossing tisde in these, as with other classes of

> -The proprietors of the cay woollen mills have disposed of their corn meat machinery, and its space will be filled with additional woolfen machinery They have also recured Mr. Grant, of Elora, as manager, whose ability for the position is so well and favorably known in Western Ontario. Mr. Grant will enter upon his duties early next week, when Mr. Hewton starts to New York, Massachusetts, and some other manufacturing centres, to purchase so bligged The proprictors intend to double their present expacity

The shipping of Hamburg shows a constant increase Last year it was higher than any previous year the arrivals amounting to 2,766 806 in registered tunnage the cost of the raw material is unprecedently low, at- The number of vessels rose from 5,263 in 1873 to Guld last year. As to flag, Germany counts 2.620. Eng and, 2432, Holland, 302 Norway, 268, Sweden burg to trans Atlantic ports (some 44.000 more than last year). In the year ending July 1 1830 the number of immigrants into the United States was 457 257 Of these, 71 693 were Irish, 52,451 English and 16,640 Scotch (148,697 in toto from Great Britain), \$1.638 were from Germany, 33 186 from Sweden, 19,896 from Southern l'acide, the average annual yield in about Switzerland, 4,354 from Russa, 4,313 from France, internal improvoment with he seriously considered -

tery defectors sales have resulted. A leading at tirm values, for trimming purposes. Shortha bees known for ton. With a attended the distance at work to which the switch the cost the distance ater marked, " Business this need has been the no also been in good request at a material advance over turned per ton vac209 knots. Namino coul from also be what as called a retrospective collection of double said we have disposed of large quantities opening prices, expectably too black, which started at | those silver year gave 270 knots per ton. The residence to the bouth and South-West, as well as to | 80 cm/d are new worth | 51 25 and | 81 40 per piece | too is on the soveril coals ingued was as follows to interior. With a week or so of good weather, our | Muskrat has als met with good attention at fair prices, Uarloon | Hill, | 902 | Wilkeson, | 26 07 | Scattle, | 21 | It is will be unable to hold the country dealers who will be there is no country dealers who will be unable to hold the country dealers who will be unable to hold the country dealers who will be unable to hold the country dealers who will be unable to hold the country dealers who stock on hand. Cress force, temp a fancy article, to also have no selected for comparison in which the wirm we came by conditions paring on the experiments, are when we came in contact in pouning the residual entering extreme prices, and this season nave near committee paying a penning on the experiments, are not before the prospects of in very good request. Red foxes have met with so nearly alike as possible. It would, therefore, appeared to dispercate the action of Congress in relation and economic results of the claterate and served to the Funding Bill, which, as before remarked, has been expected to that country during by the President in accordance with the season. Doinestic squirrels appear to be of no value 40 per cent, greater than that of either Wilke-In son or Nanalmo, and 80 per cent greater than that of cotions and woollens during the past week has, as a mearly all kinds and classes of fore and pelts the Scattle coal while the refuse from the Carbon Hill coul is but a trille compared to that of any other coal on the part of the same showing a tair increase in the textings one growth. The further same consummated as been feir as the total transactions consummated, but ger erally to the total transactions consummated, but ger erally to the total transactions of the leading co-paration may be said to continue the entire year through. The constitution ring, so far at least that some one or more of the dealers both here and in taking price. making navigation of the same frasible. In skins risals of coal for the week past include the following such as deer, elk and antelope, for glavers' stock, - Limpure from British Commide with 740 tons Weltrace has been also very active. Bullaloes have been lington. Gatherer, 2 200 tons, do. Frement, 550 tons. in good sale. The supply has not been as large Barbon Hill from New Tacoma Arcuta, with 550 ton-Coon Bay , Businers, from Glasgow, 1.949 tons Scotch Joseph S Spinney, from New York, has 200 tons fact that the Indians have driven large heeds ever the Lichigh Prices for cargoes to arrive have de lined as well as for shipments - bales are reported at \$6.75 for the skins, which have to pass through the Canadian Liverpool steam and \$7427 50 for Australian at the customs ports, paying a duty of 15 per cent. This same time dealers are disjudined to make any reason-duty makes their importation through Canada almost solle offers for Scotch or West. Hartley to arrive Prices for buffalo hides range ordinarily months hence. We omit spot quotations, as at best from \$4 to \$10 per place, according to size and quality, they are retail prices, no large transactions to ing | made This Auto h has 972 to is Scattle - Commercial

BUSSIAN BANKING

The statistics of Russian banking though only published for 1877, are interesting. There are two State banks with sixty-four branches, 280 focal tanks. and thirty-sex point stock, with therty-eight brain hes The State banks are -

the other matter the		
	Capital.	Reserve.
Burste a #fr form hour shee	0 (12,00)	225,000
Russian afty-four branches	2,500,001	
roland, ten branches	800 (00	MO OO :
2-0 local banks .	20 6 (4)	64.100
"if fut cook : 31 branches	0.700.000	820 Q.O
Ibere mre nico si Mutuei Credit So-		
cieties, with a capital of	2,200,000	79,000

of above 174 millions. The not profits during 1977 were £2,070,000, upon a discount business of £110,-000,000, and a loan business of £148,000,000. The net profits were realised as follows -

Bank of Russia	_	32 per cent.
Bank of Poland		10
Bank of Poland Joint stick Mutual Credit	•• •••	10
Local banks		íï "

According to English ideas, these banks do not afford great commercial and banking facilities for a population of \$3,000,000

CANOE NAVIGATION

The number of canoes now belonging to the Amerfran Canos Association is rather larger than the number of sea-going American ves-els. The sails of the latter perceptibly whiten at occasional intervals a few square feet to three or four distinct seas, but the padples of American canoes that in the sunlight on dozens of American streams. There is the House'o-nic liver, the upper part of which, between Pittsfield and Canasu, requires a great deal of improvement. Its the product of 1880, so tar as we can learn at present, and overcenting parterns are sold close up and close assorting request at the current quotations. Blaukets shoes, pie ev of glass, and other natural obstacles to are limited in stock, firm in price, but more or less canno havination. There ought to be a uniform depth of four tuches everywhere in the channel of the Housatonic, and the shots and pieces of glass ought to be removed. Moreover, the river is obstructed with about to dame to the mile. Around these dame the cance must be carried, and for this purpose a supply of it a should be kept constantly on hand. To dredge out the channel of the river, to remove obstructions, and to supply boys for carrying purposes would cost, as estimated by experts, \$489,312-37. This sum should at once be appropriated by Congress, and little it has been used up in the work of proliminary surveying a new appropriation can be demanded. The navigation of Smith a Brook, which drains the northern watershed of Owl's Head Mountain and discharges into Lake Mempho magog, is thoroughly described. At present causes can neither as end nor descried it. It has a tall of 33 feet in every loo in the summer months it has no depth of water whatever, it is in many places not over three inches wale, and it is forquestly obstructed in July and August by girls from the city who visit it from the neighboring fintels and at down on the boulders in its dry bed. Also it \$4. 100,000 is needed to make this stream payingsble for canoes throughout its entire length, which is fully a mile and a half. There will have to be constructed 10s. Denmark, 90, and France, 89. Last year, 0.887 about 500—eav 502—losks between the source of the emigrants and passengers were conveyed from Ham-brook and its mouth. By means of these losks a sufabout 500-say 502 -locks between the source of the ficient depth of water can be maintained at all seasons of the year provided the stream is fed with a shose leading from Jacob Brattoni's fon o pump. The inportance of rendering Smith's Brook navigable for can es is very evident, and if the appropriation of \$1,000,000 is placed in charge of the American Canoe from Alaska, which furnishes about 100,000 yearly Norway, 12,001 from Austria, 12,727 from faily, 4,363. Association the country may rest assured that steps from other sections, including Cape Hota and the from Hungary, 6,575 from Denmark, 6,156 from looking toward the beginning of this grand work of

New York Times.

applicatus, concerning the first experience and oldest applications of electricity, and of a library of works on the wience as applied to industry. Objects sent for exhibition will be received at the Palms do Findustrie, which is lent by the Government on and after July 1. The Exhibition is to last from August 1 to November 15, and the International Congress is to be openal on September 15, prosided over by the French Postmaster theneral, who is also Minister of Telegraphs. The Congress is to be held at the Troudere Pelace, and the Exhibition at the Palais de I Industrie is to be open by night as well as by day. All communications are to be eddressed to M. Benger, numero quatre, Palais des Champs Elymes

-The Chicago Radicay Review reports that the use of cotton seed bulls swa substitute for cotton waste in packing the journal toxes of cars and les omotives has been adopted on several roads, and others are proparing to adopt it

-The revenue books show that during the year 1880, \$3 561,360 were received from revenue stamps from the match manufacturers of the United States. This would make the number of matches consumed 35,013, 500,000 or about 700 matches per year to every man, women and child in the Union

- A remarkable discovery has been made by Mr Alex Adams, one of the technical officers of the Post Office Telegraph Department It is the existence of electrotides in tolegraph circuits by long continued and areful observationalie has determined distinct variations of strength in those cartle currents, which are invariably present on all telegraphic wires, tollowing the different disurnal positions of the moon with respect to the earth. He read a papeer on the subject at the meeting of the Society of Telegraph Engineers.

-Commercial apirit of wine is often colored yellow on addition of alkatics. According to Heri Lux, this is due to the presence of a coloring matter which he names dairseins, and which can be got in a concentrated state by passing moist air over small oak chips heated to 200 deg to 200 deg C, filtering the distillate so obtained, and shaking with other. The otherse solution is evaporated, and the residue treated with water Flavescine forms with aikalies strongly yellow colored combinations, while the solution of the pure coloring matter in alcohol, ether, or water, is usarly

-The rainfall out in Shasia, California, is in proportion this year to the size of the "big trees" and other big things produced to that state, but its seven fect of rain is less than the average rainfall in Bor-gen. Sweden, only one-baff that of Vera Gruz, and only one-third that of the lower slopes of the Himalayer on the eastern side. At Cherra Pocjac, India, more rain falls in each of three months in the year, but that record is hard to beat. Although it does not rain at all during November and December, and less than five inches in three other months, the tall during the year amounts to 600 inches, or over fifty

-A return, moved for by Lord Cloncurry in the House of Lords, has men issued, showing the total area of grass lands tands, in luding meadows and pastures, and the total area of tillage lands, including ell kinds of crops and fallows, in Ireland, for the years 1850, 1955, 1860, 1865, 1870, 1875, and 1880 returns for 1850 are incomplete, but in 1853 there were 10,872,908 atatuto acres under grass and 4,426,-035 of tiliage lands, in 1860 the numb ra were-grass, 11,075,152, tiliage, 4,411,454, in 1865, grass, 11 501 905 ; tillage, 3,008,068 ; in 1870, grass, 11.740, 706, tillage, 3,885,945. in 1975, grass, 12,154,005, tillage, 3,399,001, and in 1980, grass, 12,158,933, tillage, 3,180,665.

-A Paris firm, MM Sempolist, have lately patented grenerating steam for a steam. engine. At each stroke of the piston a certain quantity of water is projected against two stro gly-lie ted metal plates. The steam so produced goes dire tinto the cylinder, so that in this arrangement not only a special generator, but also the valve system for the entering at am, is superfluous. In the example given in Dingler's Journal, the vaporizing surface cous sts of two metallic cones, one within the other, with an interval of about 1mm between. The bollow space is divided into two chambers, each of which is connected with one side of the cylinder. The gases play first on the inner surface of the double cone, then on

-The firm of Rossler, in Chemnits, have been for some time past trying to produce comins which should be quite air-light and water tight, and should not lose this property after remaining many yours in the A coffin they made with stone composition ground. A count new mans with stone composition answered this purpose but was too heavy, and would require a change in the method of build. They have tately, however, surmounted this diducity size, by combining a thin collin of wood with a thin one of stone composition. The composition is formed of 3 parts Portland come at and I part finely-washed quartz sand. For the sake of adhesion, the inner surface of the wooden comm (which encases the other) is left rough as the wood comes from the saw. Tho top of the stone coffin is sached, in ord r to give it greater resistance to outer pressure, and the wood is shaped to correspond. The thicknes of the wood is only 2 to 3ctms, that of the composition i 2 to 1-5ctm. The weight of such a compound coffin is not greater than that of the common oak coffins. The closure is perfectly tight, so that the bodies of persons who have died of infectious disease may be saf ly kept in them in the house till burist. When the word has decayed away in the ground, the stone coffin remains, uncompressed. The price of those coffins is said to be comparatively low

CANADIAN PARLIAMENTARY NOTES

Among the returns brought down on Tuesday and the Order in Council as to the withdrawal of Charge in Parliament and in the press that it had been amount of toils, whating and sterage, times and damage which would be likely to intering from the position of Chief English and of a ct to sustain his previously expressed gives on account of count revenues and between the countries and between the countries and between the countries that it is a matter of such a countries and between the countries and the countries are countries and the countries are countries and countries are countries are countries and countries are countries are countries and countries are countries are count afternoon was one by Mr Langesto, for an order of hope of this satisfaction in any quarter, that how of the Dominion the House for a copy of all memoranda to council, ever just the decision he would be exposed to the A statement in gineer of the Canadian Pacific Railway; also copies and opinions, and that the secondary collected at recommend oning to a secondary property of correspondence between Ministers and between could not fail to recognize that in a matter of such to two mediance — 1872, 81,757 (a), 1873, 8002-07. With the exception between to two matters of the two matters of the two matters of the two matters of the first document is a mounting to several millions of dollars, all ground ground the same subject. The first document is a mounting to several millions of dollars, all ground ground the same subject. The first document is a mounting to several millions of dollars, all ground ground ground to regulations to be great matters. upon the same subject. The first document is a mounting to several millions of dollars, all ground \$2,701.03, 18.8, \$2.787.05, memoradum from the Minister of Railways, duted for hostile criticism should be avoided the concludes \$3,221.87. Total \$19,700.74 Fleuley was appointed Chief Engineer to conduct serve the Government as less I could in every postthe preliminary surveys of the Intercolonial Railchosen to carry s to the locaston surveys of that undertaklog. In 1869 he was appointed Chief Engineer at weathers (\$1,800 In April, 1871, he was charged with the additional data of Engineer in Chief of the Canadian Paris Ratiway He discharged the duties of both am as until the opening of the Intercolonial on the list buly, 4870 He then considered his connection with the Intercolonial at an end. The expenditure of the Intercolonial was first made under the management of four commissioners, but for some time before its final completion it was carried on under the Minister of Public Works, by Mr. C J. Brydges, us General Manager, and Mr. Collingwood Schreiber, as Superingending Engineer. When his Charles de line the new position assigned me Tupper assumed the administration of the affairs of ... The report of the Minister of Age his Department is sand that a large number of suits had been trought wainst the Government by the Intercolonial Ru or contractors, several of which had been dispose t if by the courts, and a considerable number had been left undecided. From October, 1874, to the date of the memorandum, many complain's had be no received from the contractors that they had been dented any opportunity of establishing their claims, by a clause in their contract which made the c reflecte of the Chief Engineer essential to the validly of any claim they might have against the Government, that they had been, and were then unable to obtain an examination of their claims by reason of there being no officer to issue the required was done them by the Government in consequence Under the cheumstances the Minister says he recognized the necessity of extending full justice to the contractors, and a dopting all proper means of finally adjusting and rattling the claims which had arisen in convention with contractors of the Intercolonial Italiway. Having given the question careful consideration the Minister states that it would be a difficult matter for anyone, except the enginee, who was connected with the work from its inception, to satisfactorily perform the service; but as the impor-tance of the Pacific Railway work required the undivided attention of Mr. Fleming, would not admit of alls giving the time necessary to a due consideration. of the Intercolonial claims, he (the Minister) recommended that Mr. Fleming be relieved from the duties and responsibilities of the office of Engineer in Chief of the Pacific Hailway and be appointed Chief Englneer of the Intercolonial Railway, to tovestigate the unsettled claims which had arisen in connection with that undertaking upon which no judicial decision had been given, and report in each case to the Department of Rallways and Canala. The Mintster, considering it important that he should continue to have the benefit of Mr. Fleming s professional services and judgment in important matters connected with the construction of the Pacific Railway, recommended that Mr. Fleming be retained as Conniting Engineer for that work, for the purpose of affording advice and assistance in that especity to him and the officers of the Department. The next paper is a copy of the report of the Privy Council, dated 11th May, 1880, adopting the Minister of Railway's recommendations. including the payment to Mr. Fleming of a salary of \$6,000 per annum while performing the duties of Con-sulting Engineer of the Canadian Pacific Railway and Chief hugineer of the Intercolonial Railway. On the 3rd of June the Secretary of the Department of Rallweys and Canals wrote to Mr. Fleming, informing him of his appointment to the positions named On The 6th of June Mr. Fleming wrote to the Minister of Hallways and Canals. He acknowledged the Secretary's letter, and continued as follows:—" In the nine years I have acted as Chief Engineer of the Canadian Pacific Railway, I have given my best efforts tocarry out the instructions and wishes of the Government, my labours have frequently been barassing, but I have exerted myself to the utmost of my power to advance the work, and I have done all I could to promote the general interests of the Dominion in connection therewith. At this stage in the progress of the undertak-IPE. I may recount what has been accomplished. The question of practicability, with the difficult problem of route, has been successfully solved. The most exact-ing labor imposed upon the Chief Engineer has been performed. Generally speaking, the whole design of the railway and its multitudinous works have been considered, difficulties overcome, details arrangtd, plans prepared, specifications made, contracts framed, modes of procedure established, operations for carrying on the work systematized, and instructions to the va us executive officers issued and put in force, be suuch having been designed and organized the duty remaining consists chiefly in general supervision and carrying out what has been arranged and determined. 1 can, therefore, relinquish the position I have so long held with a feeling of confidence for the future, and although difficulties, which no foresight can guard against, may present themselves, I am justified in saying that every contingency that may be anticipated has been considered and, as far as practicable, provided for. Having from its inception been so actively engaged in connection with the undertaking and in forming and maturing the organisation for carrying it to completion. I shall never couse to take a deep interest in the great work, and I will always be willing and ready to give any advice and render all the service in my power towards the establishment of the railway system of the Pacific. But my nomina. tion to investigate the unsettled claims which have arisen in the construction of the Intercolonial Railw y places me in a position as emissrassing as it is unwelcome. The service is not strictly of an engineer. ing character, and it could scarcely be possible to to the adoption of a policy entirely at variance with the views he held, and the recommendations made by him when Chief Engineer of the Intercolonial, and sunce herewith, in the form of a report from Mr. that they arose through the disregaid of his earnest and repeated warnings, he was not the person to shown that the claim of the Collector of the Post make the investigation. He states, further, that whatever decision he might make the party to whom it would be adverse would be not challenged that the emigration at that point was not move than that the emigration at that point was not move than that the emigration at that point was not move than that the emigration at that point was not move than that the emigration at that point was not move than the person to obtain the assistance of the Post that the youth of the Dominion, and with such assistance periodical examinations should be held in the most important cities and towns, especially at Haifan, that the result of prejudice or feeling, and insist that which has been going on for some yours between the it was adopted to fit in with opinions previously ex
it was adopted to fit in with opinions previously ex-

complications that he could foresee that it would be he turned in a very much larger stream to the x remove a limited, and which for first admissions utterly impossible for him to perform it with any Province of slaniteds and the North West Territory less than eighteen nor more than twenty-larger. Say 11th, 1800, in which to reports that in 1803 Mr as tollows - My sense of duty has always fed me to tion in which I have been placed. In this instance, On the union of the Province, in 1807, he was I to ! it a duty to point out that no good result can be attened from deputing me to attempt the acticment of the Intercolonial Railway claims, and that it and bit runnous does not appear to mu expedient that I should sufer upon the investigation. In declining the duty I was aware that I will be terminating my connection with the great railway works of the Dominton, to which i have given the best seventeen years of my life in the responsible position of Chief Engineer. It will espectally be pulliful for me to separate myself from the Pacific Hallway in 'te present condition', but the terms of the Order in Council appear to leave me no alterna-Accordingly, for the reasons set forth. I have respectfully to ask the Government to allow me to

The report of the Minister of Agriculture to the calendar year of 1880 was laid on the table of the House of Commons yesterday. During the year 24,210 letters were received, and 30,398 were sent by the Department Illustrative of how the business of the Department has increased during the last eixteen years, it may be mentioned that during the former year 5,422 letters were received, 5,152 were sent. The number of cases of patents, copyrights, trade marks, etc., was 181. The number of immigrants was 49,649. In 1880 the number of letters received and sent was as above set for n, cases of copyrights, etc., 4474 and the number of immigrants, 85,850. The rattle trade with Great Britain during the year assumed hazer proportions than in any provious year. The total certificate, and they submitted that serious injustice number of cattle exported from Canada during the past 3 oar was 50 903, belog an increase of 25,826 over last year, as will be seen from the following table :-

Reference is made to the importance of the phosphate resources of the country, and to the Paris exhibition

The total expenditure on consus account during the year was \$9,080 95. The total number of registrations of copyrights, trade marks, industrial designs and timber marks, was 385 during the year 1880. Out of this number there were 185 registrations of copyrights, besides 93 certificates, 14 of interim copyrights, besides ? certificates; 2 of temporary copy. rights with certificates, 113 registrations of trade marks, 40 of industrial designs, and 19 of timber marks. The total number of assignments of these different rights recorded was 28. The correspondence of this branch of the department amounted to 1,145 letters received, and 1,292 sent. The fees during the year amounted to \$3,806.15. A large portion of the report is devoted to the important subject of immigration. A table is furnished showing the number of arrivals of immigrant passengers and immigrant settlers from 1872 to 1880, inclusive:—89,186 in 1872 90,138 to 1870 , 65,992 in 1874 , 35,319 in 1875, 25,415 to 1870, 23,532 to 1877; 28,597 to 1878; 51,277 to 1879; and 75,602 to 1880. As far as ascertained, the value in money and property brought in by emigrants in 1880 was over \$1,250,000. The following table shows the number of immigrant passengers who passed through Canada to the United States, and the number of settlers in Canada from 1866 to 1880, inclusive .-

	Immigrant Immigrant Passengers, Settlers,			
196	41,704	10.091		
1967	47.212	14,006		
1808	63.63	18,765		
1849	67,201	18,630		
1870	44.313	24.70G		
1571	57.919	27,773		
1972	52,005	1 5 A78		
1878				
	49,069	41,079		
1874	40,619	25.263		
1875	9.214	19 248		
1870	10.916	14.499		
1977	6,640	15,323		
1878	11.231	15,772		
1879	207.00	30,717		
1890				
1990	47,112	27,611		

The nationality of the immigrants who reported a Quebec during the year was

Rnglish	9 149
Scotch	2,375
Scandinavianu	7.402
French and Belgians Other origins—Swiss, Icelanders	eto 3
Mennonites	70
Total	24 997

The occupation of the steerage adults who arrived at Quebec 1

Farmers Laborers Mechanics Clorks and traders Propessional men	•	 •	18.1 10,1°0 903 81
Total		 -	11.780

Reference is made to the visit of the British agricul tural delegates to Canada at the expense of the Goyernment, and to the reports of the agents at home and abroad. The total cost connected with immigration from 1878 to 1880 inclusive were as follows :- 1873. \$304,000.93, 1874, \$251,020 76, 1875, \$296,692 91 1876, \$284,065.92 , 1877,\$183,672,76 ; 1878,\$185,886. 23, 1879, \$176,343 16; 1880, \$481,532.67. On the exodus question the Minister says — When I was in England in the autumn I found that a publication to the effect that there was an emigration from Canada at Port Huron of 75,039 for the fiscal year ended June 30th last, had produced a very detrimental effect as respects confidence in immigration from the United Kingdom to Canada. It was naturally said by many that it Canada is a place from which such large numcoloct a duty more distasteful for me to perform, or bers leave in one year at a single port, it must at least one tor which, with my antecedents in the matter of these claims, I appear less fitted to act." Mr. Fleming proceeds to point out that leasmuch as the difficulties to be investigated and settled being due mainly not be correct, and I caused a denial of its truth to be published. I have since caused an investigation to the views ha held, and the recommendations made be made, the result of which will be found in an by him when Chief Engineer of the Intercolonial, and same x herewith, in the form of a report from Mr.

pressed; that the service resposed was so full of America, and which will probably. In the tutine, that he is within the limits of agreemplications that he could forced that it would be he turned in a very much larger stream to the France.

Of the above imports there were entered for home consumption - Authorite, 311,946 time, \$1,212,255.

Province of British Columbia during he tiwal year ending 59th June 1889 - Bice, \$18,195.57, gan, rifle, sporting powder, etc., \$72.95; common and musket examination a list of the competitors should be use powder, \$55, canister powder, \$984.35; blasting and miniou powder, \$4,332.25; glant powder, dualin, draminite, etc., \$800.41; gun and pistol cart-idges, what branch of the service each of the candidate. 2400 17

Sir John Macdonald brought down a return showing the amount paid to the Hudson's Bay Company, by thevarious Departments since the transfer of the territory Department of Indian Affairs, \$110,429 Militis \$228,719; Interior, 9,468; Justice, \$2,246; Agriculture, \$5,903; Marino and Fisherios, \$1,061; Public Works, \$243,394; Railways and Canais, \$237, 644, total, \$1,009.122.

The bill introduced in the Seaste recently, proriding for the enlargement of the boundaries of Manitoba, may be briefly summarized as follows: The toundary begins on the international boundary, 197 miles west of Winnipeg, thence north to Fort Ellice, about 280 miles, thence across the north ends of Lake Winnipegosis and Lake Winnipeg to the bound-ary of Keewatin; and this line of Keewatin and the western boundary of Manitoba from the eastern lines of the enlarged Province.

CIVIL SERVICE COMMISSION

After the last session of the Dominion Parliament, the following genul-men were appointed by the Governor General Commissioners to inquire into the working of the Civil Service, their investigations to include both the inside and outside service, in the singuious in include both the inside and outside service, in Donald McIones, Hamilton, Chairman; Dr. Tache, Deputy Minister of Agriculture; Mr. B. J. Barbeau, Montreal. Mr. W. R. Mingaye, Collector of Uustome at Kingston, Lieut.-Colonel; White, Secretary of the Post Office Department; Mr. Bruvel, C. monissioner of Iuland Revenue Department; (Iantala, Thirm Marine and Revenue Department; Captain Titon Marine and Fisheries Department, and Mr Marrin J Griffe, Secretary The report, which is a volumbous one, refers to the Order in Council ander which the Council ander which the Commission was appointed; to the means taken to collect evidence; and to the lives of examination in regard to appointments and promotions. The Commissioners condemn the system of political patronage, and recommend the adoption of the English system.

COMPETITIVE EXAMINATIONS. period of probation to breeced permanent appoint-

ment. On this point the Commissioners say :-"We claim that it is the most effectual, indeed the only means for completely cutting away all opportunities for the exercise of political influence in making appointments and promotions in the public service, which we believe to be so injurious to the public interests. We believe too that the educational status of the service would be raised and its efficiency greatly increased, and that at times when an unusual strain is put on it for akiliful work, this will be of almost nonlineal culable advantage. These views are strongly supported by the valuatie evidence submitted herwith. The public service would, under such a system, be open to the public, instead of being, to a large extent, a close corporation in the hands of political parties. An opportunity would be given to all intelligent and clucated young men to obtain by their merits alone a start in a service in which promotion by a continuance of intelligent self-amprovement and well directed official labor would be certain. The civil servants would be saved from the imputation of would be raised and its efficiency greatly increased, and The civil servants would be saved from the imputation of partizanship which is periodically brought against them in times of political excitement. Men who had obtained their places by merit alone, and as the result of impartial examination, could not possibly be onen to any imputation of political partizanship in office; nor would they be in any degree influenced in other; nor would they us in any degree innuenced in the discharge of their duties by political considerations. Ministers and members of Parliament would, by the abolition of unnecessary patronage, he relieved from an cormous degree of labor, difficulty and annoyance, and left more free for the discharge of the more important duties of their position, and an end would also be put to the pernicions practice of thrusting new and inex-perienced men into office over the heads of those whose service has been long continued and meritorious Finally, we between that, under the system which we recommend. the service would win the respect of the public and of the Government; and that it would obtain and preserve a dignity in the eyes of the whole country which it does

For the proper carrying out of the above recommenda-tion, the Commissioners suggest the constitution of a

BOARD OF CIVIL BERTICE CONMINSIONERS,

"as free from political influence as the judiciary happily is." It is proposed that the Board shall be unposed of men bolding an independent position, and capable of commanding general confidence; it should consist. three members, one of whom should be a French Uanadien, or a representative of the Province of Queben, and they should be appointed in the same manner and note office on the same tenure as the Judges. The Goings. sioners believe that the judgments and decisions c' an imparial tribusal thus eventified would command the respect and confidence of the public and of the Berrice.

The estimated cost of the libert is \$22,500, less then operated from the confidence of the state. toolb of one per cent, on the cost of the Service—\$2, \$00 000 The general principles which it is proposed scall govern the Commissioners in the performance of built duties are laid down as follows:—

POWERS OF THE BOARD.

" let. That he is within the limits of age to and That he is free from any physical decisions which would be likely to interfere

examinations, according to regulations to be to time testined by the Hond of Civil Service 1 \$1,221.87 Fefal \$19,000 cl

A return has been brought down showing the guanties of cost imported into the Dominion since joint one to the 3'st December inst, and the only collected the root distinguishing between authorities of the department, should be Commissionera in Commence with the Commissionera in Commissionera in Commence with the Commissionera in Commissionera the regulations who may desire to attend all payment of such fees as may from titue to: decided on by the liverd and approved by the it. in Council. Peters any such examinations are computation of the number of permanents of likely to fall vacant within the next six months made by the Board; to the number so compare to added such further number as man value; bituminous, 185,375 tons, \$705,974 salue, other coul, 15a tens, \$508 salue.

The following statement taken from a return laid on the table of the House recently, showing the amount of dutier collected on rice and powder in the lists herein referred to. This number should is amount of dutier collected on rice and powder in the lists herein referred to. This number should is the number published as part of the advertised any such examination. Immediately after every what branch of the service each of the candidates of to be best qualified for. The lists so made storing published in the Canada Gazette. Examina tens to be above proposed should be for first appointments. To third-class cierks in the inside service (i) in office of messenger, tide waters, landing waters, ers, or as third-class clerks in the outside time service: (c) To the office of mesengers, even measures, even measu class clerks in the outside service of the inland sterm.
Department (d) To the office of messengers in carriers, or fourth-clars clerks in the outside serving of the l'ost office, and (e). To the office of never gers and third-class clerkships in all other bianches of the service. In addition to the examinations above mentioned others should be beld when necessary but appolatiments for special qualifications not possessed by any available members of the service, and also for promotion in the service. When the deputy head of a departure to which a situation belongs and the head of the department certifies that the qualifications in requesiknowledge and ability deemed requisite for such situation are wholly or in part professional or otherwise peculiars, and not ordinarity to be acquired in the Civil Service, and that it would be for the public interest that it aminations should be woolly or partially dispensed with the Board of Civil Service Commissioners may do so, and grant their certificate of qualification upon evidence satisfactory to them that the said person possesses the requisite knowledge and ability, and is duly qualification respect of age, bealth and character. Computitive examinations for first entrance to the service about the precoded by a preliminary examination is ascertain whether the candidate possesses such a knowledge of orthography and elementary arithmetic, an ledge of orthography and elementary arithmetic, and whether his handwriting is such as will justify his set mission to the competition. The competitive examina tions should test the comparative proficiency of cand. s one, refers to the Order in Council ander dates on the following subjects: Handwriting, orthog Commission was appointed; to the means raphy, arithmetic, including vulgar and decimal irai tions, copying manuscript to test accuracy, digesting returns into summaries, English composition, viring from dictation, geography, history - English, Canadan and United States, -book-keeping, precis writing French.

For promotions in the service the examination should be on such subjects as may be decided upon by the Board of Commissioners after consultation with the chief officers of the department to which the promotion blongs, and such examinations should be competitive, and open to all employees in the nervice holding positions ranking below those to which the promotions are to ! made.

OTHER RECOMMENDATIONS.

A uniform system of accounts throughout the service and the constitution of a revenue board, composed of the deputy beads of the Departments of Castoms, Financia and Inland Revogue to try all revenue cases of horpenalties and seisures, are recommended. For depurbeads of departments a scale of three salaries, \$3.25.53,000 and \$4.200 is angusted. On this point the Commissioners say:—"We are strengthened in this view by the consideration that the practice already exists of granting extra pay for work which is assumed to be considerable the wormal work of the departments this cutaids the normal work of the departments the establishing, by indirect means, a scale of salaries analogous to what we suggest. The amount of the salary should be the measure of the value of the salary should be the measure of the value of the salary should be the measure of the salary should be the measure of the value of the salary should be the measure of the value of the salary should be the measure of the value of the salary should be the measure of the value of the salary should be the measure of the value of the salary should be the measure of the value of the salary should be the measure of the value of the salary should be the measure of the value of the salary should be the measure of the salary should be the salary should be the measure of the salary should be the salary should be the salary should be the salary should be the measure of the salary should be the salary should any office, and should be placed in one sum in the rationales under its proper head. It is recommended the the position of commissions, be abolished, and that it next officer to the deputy head be called Chief Cierk

On the question of classification the Commissions on toe degree or classification (see Commission say:—"It is, we think, abundantly evident that is existing classification is much too complicated, and the while it has a tendency to create discontent it adont the many facilities for the unjustifiable advancement." employees, to which we have referred. Keeping the principle in view, we propose that there shall only !four grades below the Deputy Heads, that is Unclerks, who shall also be known as officers, tiescusclerks, second class clerks, third class clerks

SALABIES.

It is recommended that the maximum salary of the Clerk be \$2,600, and the minimum \$2,200 for Class Clerks to commence with \$1,600, advancing hy brannial increments of \$100 up to \$2,000, with dut advancing ny biannai increments of \$100 up to \$2,000, with dulpay for the performance of special duties not creeding \$300, such duty pay being only granted under it ame restrictions as are proposed with reference to Ulerka. Second Class Clerks, \$1,000, rising by beauts increments of \$100 to \$1,400, with specific duty pay and exceeding \$200. Third Clars, \$500, advanting in a size lar manner to \$500. For the outside service the following salation are recommended. ing selation are recommended -

	CUSTOM,		
Chief Inspector			
[aspectors	salary (roin.	83.507 to	3,000
Collectors		(1,00) to	4,000
Surveyore .	do	130 10	2,500
Chief Clerke	₫o	1.200 is	2501
Clarks, probably	,	.,	
three classes	do	GOO to	1.000
Head Isading		*****	.,
walters	do	900 to	1,500
Landing waiters	110	690 60	
Gaugers	. de	800 to	90)
Chief foekere	. dy	800 .0	1,000
Lockers	. 3.		1,700
Tide Burveyors	• 4•	500 to	
Tide Datisates		930 to	1,000
Lide Martens	- qo	800 to	640
Proventative			
Officers		200 to	500
Доосордоге .	- 40	200 to	501
Appreliers	40	990 to	2,000
Assistant Ap	•		•
prisets	. də	もわ to	1,000

I/LE/INTERPRETAR			
t ommissioners consider the c	lassifica Italacioi	tion to	ı
ife at \$4 %, of then ber barenne no	•	3,003	
thirt inspector	•	2.500	
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tile if his me postago collections	\$2,600
17135 2 win w Joseph Collection & exceed Side 600 to 800,000	3,4u0
I lair t where postage collections	
arcred \$10,000 to \$10,000 to serious	2 200
class 5, where postage collections	2,000

to asterns should not be supplemented by any al-business or perquisites whatever.

; 4.1 2 \$1 800 ; clast 3, \$1,000; class 4, \$1,430 . clis | \$11.0 to \$1,490 C: ERLA IN CITY POST OFFICES.

the 1 to see, \$5,000 by angual increment of \$50 to Commit Class, \$300 by annual increment of \$40 to

wast tous specific duties to each case with fixed salaries to be determined by the Postinsster-General, so the less than \$1,200 or more than \$1,500. Et - 1 to thir, MESSENGERS, BOX COLLECTORS AND

PORTEKS. - to \$6.50 by annual increments of \$30. POST OFFICE INSPECTORS

Chief Lespector		2,600
i trat class, on appoin	atment	2,200
After 10	years' service	2,400
After 20	Soars' service	2,600
recond clara, on app		
	TRACE BELTICE.	
	Tears' secrice	
THATEIRFA	IASPECTURS	·

(in appointment\$1,000

for clerks in the city post offices. Suggestions respecting the salaries of railway mail and occan mail service citika are also made. DISCIPLIAN.

Discipline in the Departments is referred to at length. regarding lancheon is generally disregarded, most of the clerks taking an hour, more or less, for refreshments. It is proposed that the office bours be from 3 a.m. till 4 30 | m | one hour to be allowed for luncheon.

TEMPORARY CLERKS.

Suggestions are made regarding the employment of temporary clerks when necessary, to be drawn from the Civil Service Commissioners' list of unemployed sucessiui candidates

SUPERAFEUATION.

The Commissioners say they propose to deal with the question of supergunustion in another report. Meantime, they ear, they have sufficient before them to say that notwithstanding all the alleged abuses that are said to have prevailed in the administration of the law, the result has been a very large measure of saving to the public exchiquer, for they flud that during decade the saving has been .-

in the Department of Finance	\$48,548	73
Pepartment of Agriculture	12 845	11
Urpartment of Inland Reveaus		78
impartment of Public Works	21,014	
Privariment of Marine and	30 263	86
Department of the Secretary of State	5.482	

\$167,619 64 As against which we may place the loss in :— The Department of

Railways and
Canala...........\$21,146 45
The Department of
Militia and Defeace 3,725 10 \$24,871 85

The Commissioners seem to have done their work horoughly. Of course it is impossible this session for he Government to adopt any, or all, of the recommen-

Gali, Ont., 9th.—The monthly cattle fair held here to be a well attended by buyers but poorly represented or sellers. The cattle brought out were of very good quality but few in number and were sold for from three and a half to four and a half cents, live weight. Halifaz, N.S. 9th .- The Local Legislature has done rery little business so far of any importance. It is thought the session will be short, as only a few measures are to be introduced. To-day the annual report of the Commissioner of Crown Lands was pressuled, which ex-

hibits a larger revenue from that branch of public service than for years past, owing largely to the improvement in the lumber trade last year. The revenue of the depart-ment was \$20,784, about double that of the previous year. The number of grants issued in the year were forty-one.

"A representative of the Winese called recently at Mr William Clendinneng's foundry, and were conducted by the proprietor around the premises. The vielt was made for the purpose of ascertaining the amount of activity in regard to this branch of business, which is a disputed mesuon. Mr. Clendinneng states that in 1890 be did for the purpose of the purpose of the property of the parties. restion. Mr. Clendinneng states that in 1880 he did fiv per cent, more business at his foundry than he did in in p, and yet, though having half a dozen railway untomers, the railway castings did not amount to one-He adds that his two retail stores have dote, in January and February, 1881, more than double the trade they did in the corresponding mouths of 1880, which fact convinced him that people generally were buying more than they did a year ago. He has orders on hand from the Hudson Bay Company, Winnipeg, hears Cooper, Fairman & Co., Canada Central, South Fastern, Quebec, Montreal and Occidental, Halifax and Care Breton, and other large railways and private firms, there are being cast daily from fifteen to seventeen tone, and last year there were over 4,000 tons of metal ones, and last year there were over 4,000 tons of metal ones. In the unitary works, covering over 30,000 feet, there are 225 persons employed, of whom over a hundred are making from \$13 to \$15 per week. In fact he is supploying double the number of people at three times the amount of wages that he was doing twelve months ago. The following sight trades are represented:—Moulders, balters makes. Blackenish of the people at the last artists. pattern makers, blacksmiths, finishers, nickel platers, tinsmiths and furnace builders. Nearly all the orders are small, showing activity in the general business."

EXTRACTS AND ESSENCES

the How the abservery happened to be made, or how many experiments it cost, I do not know. But it revtainly was at fast found out that several compound others possess both the idea and the dayor of contain These tertifions orsences can be made nitich. theaper than the comine. And hence it comes to pay dat one teaths of all fruit essences which me the first parameter of the opinion that the whole opinion that the whole of the opinion that the whole opinion that th used for through, in cooking and confectioners inof organic needs, with the explored ethyl and amyl [gelf - the lifest comings during in passed and the [New York congruence on now upon passed or fellow in its common and ordinary term, is known to amount of \$121,2000011, or totally consider the country for \$12 each - A passenger tariff who the explorement exercises intelligent person. This is entire amount time I out sacre the manter were explained a range between the lines, but emore are being made. the even by nearly every intelligent person. Tide, in entire more scientific player, is exide of other. Autivity tred, other is the exide or areat. Each of these others possible or areat. essen its basic properties, and has its alcohol. Comtion, or ethylic other, corresponds to common of final oils were publicly advertisation on of the main ingredients for making grape-juice wins out of twe and The price of these recipes were corti-juico whitekey stated in the advertisements. It would seem that, has selected and shipped by the Alian steamer Acatorian beginning with the piles of the grape, these falson-trom Glasgon, on the 2 and of February, a valuable contory manipulators fransferred their magic to the signment of poiled Aberdeen cattle to the Hon. John sphilstreation of other fruit purch as well. It is laid down in the books that butyrate other is prepared by mixing low parts of butyrate aid with two parts of the following have been sent forward.

- Very rapid development of the country on the line. mixing ine parts of butyric acid with the pasts of alcohol and 50 parts of concentrated sulphuric acid, and agitating the mixture for a short time butyric ether is very valuable in alcohol, and is said to be much used to communicate a fine apple flavor to Bulyric other dissolved in eight or ten parts of alcohol tegins the essence of pincapple From twenty to twenty-five diops of this essence at ded to a pound of sugar containing a little citric acid impacts to the inlature a strong taste of pincapple Acetate or amylic ether is made by distilling a mixture of one part of amy ile alcohol, (this is theing what ta known as fusit oit), two of a cetate of potuous and one concentrated sulphuric seed. An alcoholic sointion of this last named other forms the miscourile pear essence! Fifteen parts of acctate of amytic ether, with halfa part of tie ether dissolved in ten parts of alcohol, form what is called bergamot pear essence When this is employed to flavor sugar, accidulated with a little citric acid, it imports to all drinks and pasteries the flavor of a genuine bergamot pear. Acceinto of amylic other, mixed with buigele other, forms, Valerianate in alcohol solution, the banana essence of amylic other is made by mixing tour parts of fusit oil with four of sulphuric acid, washed with water and a weak solution of cathonate of soin. An alcoholic solution of this other, in the proportion of one part of the flavoring liquid six or eight of alcohol, forms known as apple essence. It will thus be seen that much of what is bought and sold as pure fruit essencos are chemical compounds entirely, that they are only mixtures of certain etherial compounds of or-ganic wide with the exides of ethyl and emal series of ethers, and that they do not contain the ghost of the fruits they are named after. Genuine and perfectly honest fruits, extracts and exsences are both made and sold, and that in quantities, but it still remains true, that by far the larger proportion of all "extracts," es sences" and a fruit flavoring, as they are now sold in the markets, possess no more of the gonuino fruits in them than there is of Havana tobacco in a cabbage leaf eight, or than there is of French wine in Ohlo corn whicky Such for the most part are the fruit flavors which now obtain in commerce, and all computation. They bear no greater resemblance to the genuine original than horse chestnuts do to chestnut horses, or than the honest pork sausages of New Jersey do to sausages which are made of cuts dogs and Jacknesos - Confectioner's Journal.

BULLION AND COINAGE

The New York Bullion contains some interesting and carefully propared figures relating to the stock of gold and silver now existing in the various countries of the globe, the amount in circulation as coin and the quantity of the bullion product in the year 1880. glucoso will take a back seat The world's stock of gold in the year 1492 is estimated at 26,500,000 outces, and of silver at 326,000,000 ounces. From 1492 to 1848, the year of the discovery f gold in California, the production of gold was about 160,000,000 ounces, and of silver 4,800,000,000 ounces. The production each year since 1848 is given in Bullion's inblos, and the aggregate is 171,443,750 onness of gold and 2,393,290,000 ounces of silves. If there had been no gold and silver lost or destroyed there had been no gold and silver lost or destroyed offers a reward of \$50 to any person furnishing evithe total stock in the world at this time would dence leading to the conviction of any one sawing of amount to 357,443,750 ouncos of gold and 7,519,290, 006 ounces of silver. Estimating the annual loss from abrasion and total destruction at one-tenth of one per cent. For abnum, the actual supply at the present time would be as follows.

bieseur mu	io would i		OHO	. —	
Declarates				Gold, Qunces. 357,448,750	Bilver, Onnces. 7.819.893.00
Production Destroyed	•••••	••••	•	59.0W,000	832,000,00
Present	stock		••	315,413,750	6,607,290,000

The following is an cetimate of the amount of gold and silver in circulation and held as reserve in

ational treasuries and in	the b	a iks of the	Motter -
		Gold.	Silver
		Quaces.	Ounce
eculation		7,700,000	1,990,000,00,00,00,00,00,00,00,00,00,00,0
restary reserve	••	21.202.000	200,000

169,900,000 2,346,000,000 Total ... Deducting these amounts from the present supply of gold and silver, as hown by the preceding table, the amount existing in the world at the present time, in the shape of heardings, or employed in the arts and capable of being convertod into money, is 148,543,750 ounces of gold and 4.321.290,000 ounces of silver l'p to 1848 the United States contributed about 1,000,000 ounces of gold to the world's production, or less than one per cont. of the world's supply at that date. From 1848 to date the bullion product of the United States bas aggregated 7.,127,587 ounces of gold, or forty-four per bent, of the world's production during the period, and 340,310,745 ounces of allver, or fourtoen per cent. of the world's production. The stock of gold and silver

train, theore, Sweden, Norway, Denmark, Forbight special purposes such as telegraph wire of light and columbia—which me gold as lusively or give to conductive property toller plates etc. Large ship-siver a limited legal tender power only, there are sixten—the United States, theremany, France, Bels (States, Large, Ref), States, Large ship-sixten—the United States, the Remanne, Bels (States, Large, Ref), Ref), and the Resentate of the Control of the Cont

TOLLED ABERDEENS FOR CANADA

Bare Stock Journal, Feb 2:1

of Forties, Aberdeenshire, who was one of the tenant farmers' it is gates to the Domitton of Canada in 1877, i four-year-old cow. Western Queen, I four-year-old cow, Caroline 2nd. and another four-year-old cow, three-year-old letter, Quamar 5th, ditto, Julu, ditto, Juline, ditto, Fibi hady, and one two-year-old, May

the Hon Mr Pope, who farms extensively at Cookthe iton Mr Pope, who farms extensively at COOK-shre, in the Eastern Townships, Province of Quebec, has already a good herd of these valuable cattle, which was augmented fast year by the importation of a built and three very fine beiters. When the present shipment reaches its destination, the honorable gentleman will be in presession of one of the finest, if not the finest, herds of polled Aberdeen cattle outside the British fales. The or polled Aberdeen cattle outside the British fales. The bull exhibited by the 1ste Mr M'Combie, of Tillyfour, and which secured the first prize at the Paris Exhibition, ladies participating. It is an unfortunate at the Paris Exhibition, state of affairs which necessitate General Roberts' tables in the Parise Tillyfour, is also in the Eastern Townships

We understand that Mr Hunter, a sbort-horn breeder from Untario, is at present in talls country with a view of purchasing polled Aberdeen and other cattle for the Untario Government Model Farm at Guelph, Untario

-It is said there are 1.350 wotches manufactured each day in the United States

-Montreal is to have electric light. A company has given notice, applying for incorporation

-There is a rianufactors of paper bricks in Wisconsin. The bit ke are said to be very durable.

-The report of the Workshop Inspectors show that there are 107,554 males, and 17, 31 females employ d in the manufactories of Chicago

-The copper mine at Cox a Heath Cape Breton, owned by R A Mckill of St. John's, and John A Mckenzie, of Sidner, has ben sold to a Boston company.

-Up to the close of the year the Lake Superior copper mines have produced since their commencement 300,000 tons of ingot copper, valued at \$140,000,-UUU

-Worth, the French man-milliner, predicts that American silks will, ere long, supersede those of t'rench manufacture. They already excel in some respects.

-The New York and Acadian coal minein Cumber-land County has been sold for \$49,000 to Mr. McInnis, which are sold and consumed in quantities beyond of Hamilton. A company will open extensive operations in the spring.

-It is thought that over 100,000,000 feet of pitch pine timber and tumber will be shipped from the port of Parien, Ga., this year A little over 85,000,000 feet was shipped last year

-The Oneida community, having given up plural marriages, is devoting itself to money making. oar it notted in profits \$97,000. During January last is paid out \$7,000 tor labor

-When the twelve million acres of the Florida Everglades are drained and put into sugar plantations, it is to be hoped, says the Philadelphia Record, that

-A member of the Albany Assembly has a resolution before the House which provides for transferring the State canals to the General Government, provided that the Government enlarge them to the size of the The resolution was referred to the Wolland Canal Committee of the Whole.

-Tho Lumberman's Exchange, Williamsport, Pa., the cade of logs. All parties purchasing stray logs from any person not authorized by the stray log committee will be prosecuted.

-There were received in liceton, Mass, during the year 1880, 351,744,000 feet of iumber in all Of this quantity about 209,100,000 feet was received by rall. 41,-000,000 by sailing vessels from the south, 1,500,000 by southern steamers, and about 100,000,000 by water from Maine and the British provinces,

-According to Bradstreet's, the amount of lumber manufactured in the leading Michigan districts during the year 1880 was 3,938,187,227, an increase of 651,510, 514 feet over the production of 1879 More than onethird of the demand, or about 0.000,000,000 feet, was supplied by Michigan, Wisconsin and Minnesota.

-It may give some idea of the capacity of the mills in Florida by monitoning the fact that the 17 mills along the lines of the Atlantic, Gulf & West India Transit and Peninsular, railways can make an aggregate yearly cut of 84,108,000 feet, an average of nearly ,000,000 cach. The largest one can turn out 9.000, 000 feet, and the smallest, 2,500,000 feet.

-Mesars I' Freyseng & Co, of Toronto, recently put in their promises an assortment of cork cutting and shaping machinery, driver by a Doty engine of 8 horsepower, and has found it work so satisfactorily that they have ordered some additional machines from the This firm used formerly to import, but now manufacture their ewn corks, and also life preservers,

The amounts put in for the following parties on the Kawkawlin river, Maine, represent the product of that stream Parks & Kecley, 2,800,000 Bradley & Ring, in the United States at the close of 1830 was \$650,543,082, of which \$486.683,049 were gold and \$163,560,632 were allver. The production of the United 1,000,000; Worren, Yorkey & Bradley, 8,000,000; Schmidt Bross, 560,632 were allver. The production of the United 1,000,000; Worren, Yorkey & Bradley, 8,000,000; Schmidt Bross, 500,632 were allver. The production of the United 1,000,000; Worren, Yorkey & Bradley, 8,000,000; Westover, 500,000, total, 23,500,000. The product of Mexico and British Columbia, was \$80,167,939, ac
the Kawkawiin last year was about 15,000,000. The product of

cooling to Bullion s figures, a gain of \$4.818 435 over . In therm my there are st this time twenty con-1879 The production of gold in 1880 was \$35.522.182, as compared with \$32.529.20 in 1880, and or silver, the free are the compared with \$38.529.82 in 1879. The free are three compared with \$38.529.82 in 1879. There are three compared with \$38.529.82 in 1879 daily becoming in greater demand for a man to of trains of the free are three compared with \$38.529.82 in 1879.

to adoust the existing dutiveness, and before the usual tide or emigration that sets in in the spring ingles it be probable that at least \$ 50 will be the previling price to a tickets

-A public meeting was held recently at Pence Polici Verdeen cattle appear to be rapidly coming Arthur's I anding to the purpose of taking into con-into tayor in Canda. Mr. George Wilkin of Waterside, alderation the question of the future of that part of the country in crass of a dismemberm, at from the Province of Octario The North Shore Miner axis - This separation is generally looked upon as a certainty, and

> of the Chicago, Saginaw and Canada Prilroad, between Edmore and St. Louis, is reported. On that part of it maning in Montcalin country there is en average of at least one saw mill at every half mile, and the woods are literally alive with lumbermen and lumbering operations. A great may buildings for all sorts of purposes are going up, and soon the stump lands will pass into the hands of actual settlers.

> -On the occasion of his densiture from London to take command in the Transvaal, General Sir Frederick departure, but it is tolt that even after recent adverses the prestige of British arms must be upheld. It is to be hoped that a ratisfactory solution of the difficulties with the Boers will soon be reached.

#-The Napanee Standardsays.-"It is gratifying to note that the brush factory is rapidly becoming one of the most flourishing menufacturing establishments in Napaneo Deginning in September, 1870, with a staff of seventeen hands, these have so increased that on Satur-day evening last fifty five hands were paid, nearly all of whom have been putting in daily a quarter of a day over-time. New machinery has been added, and the hum of business fills the premises, already too small for the demand of the trade

-During the past year Miss Rye sont to Untrate Ga hildren, Miss Macpherson 114, Miss Bilbrough 124, Mr Middlemore 41, Rev Mr Stephenson 22, Boy's Ifome, London, 11, and Cardinal Manning 22—making 407 in all. The number of farm laborers, including their families, brought out by the department in 1879 and 1880 was 472, and female domestic servanta 158. The total expenditure on account of immigration, during the years 1878, 1879 and 1880, respectively, was \$31,000, \$39,000 and \$53,000

-The revenue of the Direct United States Cable Company for the half year amounted to £50,815, against £120,445 for the same period in 1879, or a derease of £60,030. The expenses, including interest on debentures, wc. £25,233, leaving a net balance of £33,581, which, with £21,760 brought forward, makes a total of £55,342. Out of this interim dividends of if per cent each for the quarters ending 30th September and sist December, 1880, amounting to £30 355, have been paid, £21,870 has been added to reserve, increasing that fund to £200,000.

-The circular of Cornes & Co , represented in Montreal by Mr. James Reld, dated Yokohama, Feb 10, says "Un preceding circular was dated on the 7th ult. since when we are in receipt of letter advices dated New York, 28th December, and San Francisco, 6th January. After the departure of the last mall, on the 23rd ult., our market was again easier, but a good demand springing up rapidly caused prices to adance, and the market closer steady at our quotations. Prices for all grades above fine are more or less nominal, owing to small supplies. Settlements since the 7th ult. amount to 6,000 picula. Fresh supplies have been very light, and our stock is reduced to some 3,500 piculs, largely composed of the low grades Choice to cholcest, nominal; fine to finest, \$23/627 per picul, medium to good medium. \$16@19 do., common to good common, \$10@14.-Herald

-Of the Pike & Richardson Cooperage Company the Chatham Planet says - "A meeting of the shareholders of this company, which has absorbed the business of Mears. Pike & Richardson, was held at Garner House on Thursday svening, for the election of directors and the organization of the company. The charman reported that all the stock had been subscribed. The hydron was not passed and the following directors. laws were passed and the following directors elected for a period of two years, vis.: John B. Pike, Wm J. Richardson, Duncan C. Plumb, of Niagara, and Valancey E Fuller, of Hamilton. The capital stock of the company is \$100,000, and their letters of incorporation give them very extended powers. The company bare purchased a large timber tract, and are now operating six We understand that the contracts entered into by the company will aggregate over \$200,000 for the year 1881, and that sufficient stock has already been secured to fill these contracts. With the addition already made to their Pikeville mills and those contraplated, the company will be in a position to supply almost the entire barrel trade of Western Ontatio."

-The Chicago Field says that the salmen he built by the United States Fish Commission i fornia, which was recently destroyed by a storm, cost about \$25,000, and that Congress has already voted money to rebuild it. The annual expense for maintenance was \$6,000. The Federal Government employs a steamer, the Fishkauk, expressly fitted up for hatching deep-sea fish. The cost of construction and outfit was \$92,000. Another new steamer for coast service in the fisheries is being built at a cost of \$103,000. In Canada we have ten fish batcheries, the whole expense of which last year does not exceed \$30,000, which sum includes the price of two new hatching houses, built for about \$4,000 each. We regret to eee by the last report of the Department that the fisheries have been merged in the marine service, and a very meagre and unsatisfactory account of them is published. This is a strange commentary upon the value attached to the Canadian fisheries by the Halifax commission. There is no account whatever given of their produce and condition last year.

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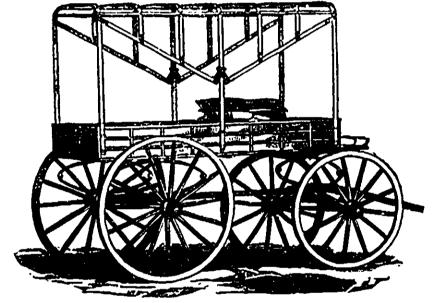
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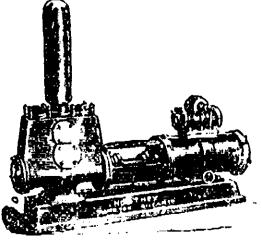
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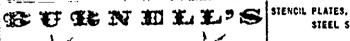
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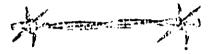
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appearance to the liurnell Barb which me are ranking, but a close examination of them will show the difference and their inferiority.

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3rd.—The liarbs are fastened to be divided which is a great oftening over the Two if the bird, are called are unable to cot against the fence in the list of path it down the limit of the liarbs are fastened to the Wire are path it down the limit of the called state of the state of the control of the called state of the state of the called state of the path are fastened to the Wire at the transfer of the called state of the state of the called state of the state of t

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