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# THE CANADA LUMBERMAN.

VOLUME IX. }

PETERBOROUGH, ONT., OCTOBER, 1889.

TERMS, \$1.00 PER YEAR. SINGLE COPIES, 10 CENTS

## THE CANADA LUMBERMAN

PUBLISHED MONTHLY BY

ARTHUR G. MORTIMER,

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THE CANADA LUSIBERMAN is published in the interest of the fumber trade and of allied industries throughout the Dominion being the only representative in Canada of this foremost branch of the commerce of this country. It aims at giving full and timely information on all subjects touching these interests, discussing these topics editorially and inviting free discussion of them by others. Especial pains are taken to secure the latest and most trustworthy

Especial pains are taken to secure the latest and most trustworthy market quotations from various points throughout the world so as to afford to the trade in Canada information upon which it can rely be consider.

Special correspondents in localities of importance present accurate report not only of prices and the condition of the market but, also of other matters specially interesting to our readers. But correspondence is not only welcome but is invited from all who have any information to communicate or subjects to discuss relating to the trade or in any way effecting it. Even when we may not be able to agree with the writers we will give them a fair opportunity for free discussion as the best means of eliciting the truth Any items of interest are particularly requested for even if not of great importance individually they contribute to a fund of information from which general results are obtained.

Advertisers will receive careful attention and liberal treatment. We need not point out that for many the Canada Lumberman with its special class of readers is not only an exceptionally good medium for securing publicity but is indispensable for those who would bring themselves before the notice of that class. Special attention is directed to Wanter and For Sale advertisements which will be inserted in a conspicious position at the uniform price of 15 cents per line for each insertion. Announcements of this character will be subject to a discount of 25 per cent. If ordered for three successive issues or longer.

Subscribers will find the small amount they pay for the CANADA LUNDERMAN quite insignificant as compared with its value to them. There is not an individual in the trade or specially interested in it, who should not be on our list thus obtaining the present benefit and aiding and encouraging us to render it even more complete.

When a firm or individual receives a copy of The Lumberman with a blank order enclosed, it may be considered a mute appeal to fill out the blank and send it to us. It is a timely suggestion to look over the paper and examine it carefully, page after page, notice each article and then answer the question, "Is it not worth more than the subscription asked"? Fill out the blank and return it to us, you will find it a great auxiliary to your business. Should any of our old readers happen to read this they would do us a faror by calling the attention of a friend to it. Superintendents of mills, managers and foremen, would find themselves greatly benefited by becoming constant readers of the paper. An order by postal card or letter is just as good as a filled out blank.

A WASHINGTON special claims that Canadians are despoiling the timber on the Minnesota side of the line, chiefly on the Red Lake reservation. The telegram sets forth that the chief of the timber depredations bureau of the general land office asserts that the lumber thieves along the Rainey Lake and Rainey Lake river operate systematically every season and in such a manner as to make it almost impossible to get at them. Large crews are sent into the pine weods in the early winter from the north. By the time they begin operations the United States authorities cannot reach them on account of the severity of the winter. These crews are cut off from civilization all winter, and in the spring the log cut is floated down the numerous streams into Rainey river and over to the Canadian shore. When an agent of the land office finally gets into the section the camps are gone as well as the thieves and logs.

The timber, or a greal deal of it, is on the Red Lake Indian reservation. If it were owned by private parties it is more than possible that an effort would be made by them to protect their lands, but as it now is the general government is the only sufferer. The vast tract of uninhabited territory on the northern border makes it almost impossible for agent of the government to reach the scene of nese depredations. The lumber thieves, says the telegram, carry large supplies, while a lone man would more than likely perish before he could reach any of the camps. Even when he did find the thieves cutting timber he could do nothing If they would refuse to accompany him to a United States official he would have to take his prisoner or prisoners through Canadian territory, and they could at any time refuse to accompany him. The land office feels practically powerless to protect the interests of the government on the northern frontier of Minnesota, and sees no way to prevent the Canadian thieves from carrying on the work of destruction, which is increasing every season.

A REMARKABLE impetus has been given to the lum ber industry of British Columbia within the past few months, and the next few years will witness a far greater development of the lumbering industry of that province. The facilities which British Columbia offers for the development of an export trade are such as to airest the attention of capitalists. The Fraser river and its tributaries, which run through the vast timber regions of the northeast, offer exceptional advantages for floating the products of the forest to the sea coast for shipment, The most important tree of the Pacific province, and the only wood that has as yet become to any extent an article of export, is the Douglas fir, sometimes called the Oregon pine. The tree is frequently from 150 to 175 feet in length, without knots or branches, and of a diameter varying from 6 to 10 feet. It is frequently squared 45 inches for a length of 90 feet, and is remarkable for its extraordinary size, straightness, and uniform thickness, its durability and freeness from knots place it almost beyond competition. As there is a rapidly increasing demand for timber limits on the Pacific coast, we may state for the benefit of those who are not sufficiently informed, that every applicant for a license to cut timber in British Columbia is required to publish for 30 days a notice of his intention to apply to the Commissioner of Crown Lands for such license in the official gazette. In the railway belt no timber license will be granted for a larger area than 2,000 acres of land, for every 2,500 feet of lumber that the mill operated in connection therewith is capable of cutting in 12 hours, nor will the license be granted for a longer period than four years, and no person can take out more than one license at a time. The license fee is \$10 for each 1,000 acres, while upon each tree felled the sum of 15 cents is demanded. In addition to this, the party holding a license to cut timber is required to pay the sum of 20 cents for each 1,000 feet, board measure, contained in such logs, and until this is paid the logs cannot be moved. The foregoing applies only to timber lands situated within the "railway belt" lying south of 49 degrees, 34 minutes north latitude and west 121 degrees of longitude west of Greenwich. Licenses for cutting timber in British Columbia, as far east as the height of land forming the watershed between the basin of the Columbia river on the east, require the payment of a yearly license fee of \$50, thirty cents stumpage for each tree felled and seventy-five cents for each thousand feet, board measure, contained in the logs made from such trees.

CONSUL Thomas W. Hotchkiss, in a report to the United States government, discusses the timber supply in the United States and Canada. Mr. Hotchkiss says. "The leading industry of this district, that of sawed pine lumber, still keeps its relative position as the second leading industry of Canada, in this district alone amounting to \$3,000,000 annually. The conditions of prosperity were never more apparent than at present. The only apparent difficulty the past year has been ocean freightage and the enormous rise in rates growing out of shortage of freight room from the scaports. The effect of this difficulty is to leave upon the docks of the manufacturers here an abnormal quantity of lumber-sold, but undelivered." He says the great disturbing element which now agitates the lumbermen of Canada is the United States tariff question of free lumber or any change of rate; while the chief disturbing element, and one which is a deep source of grievance to the American lumbermen, is the Canadian export duty levied on pine logs going from Canada to the States. He does not coincide with the generally expressed opinion that the forests of Canada are inexhaustible, and intimates that a person need not travel to the north pole to find its limit. These limits, he says, may be placed, approximately, at the 73rd degree of longitude on the east and the 90th on the west, the distances being to a point about 130 miles north of the St. Lawrence river, and east and west an approximate of 1,000 miles. The growth of timber in the United States, he says, has been more rapid than in Canada, all varieties of timber being of much larger growth. In this connection the immense fir and cedar forests of British Columbia must not be forgotten. In regard to the supply of timber, Mr. Hotchkiss says, it is still greater and of far superior quality in the United States than in Canada, and that the day is yet far distant when the United States will depend upon any foreign timber supply. Of the \$2,-000,000 realized by the Dominion government from the sale of pine leases during the year 1888, of this sum nearly \$500,000 was by American purchasers direct and in behalf of American interests. Since the order-in-council was issued advancing the export duty to \$3 per 1000, no sale of timber limits had been made to Americans.

A LARGE and influential meeting of lumbermen and others who were interested, was recently held at Bridgewater, N.S., to consider the sawdust question. As is usually the case at such meetings, exemption from the operation of the law was claimed, and that practically little or no injury was done by throwing the saw dust into the streams. In this instance it was claimed that the river La Have should be exempted, upon the grounds of justice and reason, as it was shown by evidence, official and otherwise, that the navigation of the river is as good to-day as a quarter of a century ago, and that the idea that sawdust injured the fish was at best a mere conjecture, concerning which there has never been the slightest proof to back it up. "There are abstract questions in connection with this sawdust question," says a local paper, "with which we have practically nothing to do. We presume doctrinaires will continue to debate the question as to whether sawdust is injurious to fish life or whether it is not. Perhaps it would be correct to say that nothing has been absolutely and scientifically settled upon this point. This much, however, is admitted, that there has been a great falling off in river fishing in places where sawdust has not been deposited at all, and fish have managed to continue to live in rivers where sawdust has been steadily and copiously deposited." We have not the least doubt

that fish can live just as well on sawdust as mankind can live on bread made from the same material; but that is not the question at issue. There is a general law, and the objection is not so much against the law itself as it is against the making "fish of one and flesh of another." Laws are supposed to be made to be enforced, and if they are not, they are of no account. If a law be odious, the best way to bring about its repeal is to enforce it. The great trouble, however, lies in the fact that a very large number of the mills were built before the law was thought of, and at a time when it was customary for saw mill men to throw their sawdust and refuse into the streams. To reconstruct the mills or build new ones would entail a large expenditure of money and that is just where the shoe pinches.

COMPLAINTS are again being heard from the various lumber quarters in Toronto regarding the snail pace adopted by the Grand Trunk railway in transmitting lumber from the various points of manufacture to the northern railway yard in that city. Ever since the Grand Trunk assumed control of the old Northern road there has been no end of bickering between the lumbermen and the railway officials, and a solution of the difficulty seems to be as far off as ever. At the present time there is a continuous blockade in the yard referred to, and the accommodation afforded is by no means in proportion to the demands of the trade. This yard has a capacity for about five hundred cars, but in no case can there be found more than from 250 to 275 loaded, the remaining space being filled up with empties. What is urgently needed is a more expeditious system of unloading, and instead of having the yard half-full of empties, to occupy the space with new cargoes. Under the present red tape system of the railway company, two to three days are usually taken up in securing proper orders to have cars placed, which makes it impossible for the owners of the lumber to meet any urgent demands from their customers. When it is considered that the lumber traffic over the Grand Trunk system forms a large percentage of all the freight handled, it is surprising that more consideration and privileges are not accorded to the trade. Every persuasive means has been adopted by the lumbermen calculated as a redress for their grievances, but the railway authorities almost invariably turn a deaf ear to all entreaties. Once let a rival line connect Toronto with northern Gntario and the lumbermen will receive all the attention necessary.

A CORRESPONDENT who has the rare faculty of expressing himself in brief without being ambiguous, writing from Vancouver, B. C., to the Pembroke Standard regarding the lumbering business of that province says: "As this is a great lumbering province I would like to write an open letter to your Upper Ottawa Lumber Kings. (1st) In Ontario and Quebec there is not and never was anything in the lumber line equal to the timber and lumber capabilities of British Columbia. (2nd) The magnificent chances which were so common fifty years ago in Ontario and Quebec are lying around in profusion in this province to-day. (3rd) The methods of getting and holding timber limits are easily learned and complied with. Timber limits slowly increased in value in Ontario and Quebec from a few thousand to hundreds of thousands of dollars. (4th) Already, wide awake lumbermen rom the east are coming in to possess a vast and florious heritage. (5th) If any of the Pembroke or ther lumbermen desire information of a specific haracter I shall be glad to give any help in my power. 6th) I might say that the limits are not sold by the Sovernment. As near as I can tell there is a charge f fifteen cents on each tree cut and twenty-five cents er thousand on all sawn lumber. With a small capital, nough to build and erect a suitable mill and to ork the concern, a man or company should do a ood thing. (7th) Where is the market? The world our market. Our mills are sawing and exporting imber to England, Japan, China, Australia, New Zeand, South America and other places, besides the me consumption is becoming very important. ities and towns are growing very rapidly-Victoria, 1,000; Vancouver, 15,000; Westminster, 6,000;

Nanimo, 5,000, and many smaller places. (8th) Vancouver is not a boom town. The boom wave has swent across the continent from east to west and is spent. It can go no farther, and business men know that the waves of westward immigration must pile up here mountains high. (9th) There is no room for agents, speculators, hangers-out, loafers and general commercial parasites." The writer of the above is evidently a practical man, as when he undertakes to do a thing he knows how to get there without stepping twice on one chip.

### SPLINTERS.

OFFICIALS of the Customs Department are engaged in collecting statistics showing the volume of the transit trade through Canada from one United States point to another, and also the imports into Canada from Europe through American ports.

A SYNDICATE is being formed in the Saginaw Valley, Mich., for the purpose of buying up Canadian pine and taking it over the line to be manufactured. W. R. Burt, it is stated, is at the head of the scheme, and several Bay City gentlemen will be interested.

\* \* \* An order-in-council has been passed permitting homesteaders in the Macleod district, N. W. T., to obtain from the local timber agents, upon the payment of twenty-five cents, permits to cut dry or fallen timber of a diameter up to seven inches inclusive, for fuel or fencing, free of dues. This privilege is not extended to squatters, ranchers or homesteaders other than those whose names are upon a list furnished by the land agent at Calgary.

FROM among the manufacturing firms of the Dominion few rank higher in the estimation of the purchasing public than the Waterous Engine Works Co., of Brantford. For this reason our readers will be pleased to observe that they have again contracted for space in THE LUMBERMAN, and will from month to month present something new and interesting for our lumber friends to read. In the current issue they illustrate their new Band Mill, which was seen in practical operation by hundreds of lumbermen at the Toronto exhibition and universally pronounced an unqualified success. Our readers will do well to enquire carefully into the me, its of this machine pefore completing their plans for the coming season's alterations and additions to their mills.

THE sale of timber limits and mills, at Oliver, Coate & Co.'s Mart, Toronto, was well atended on Sept. 5th. The attraction was the sale of the property of the R. C. Smith estate, Port Hope. Among those present were: Messrs. Conlen, St. Catharines; T. G. Hazlitt, Peterborough; Dalton Ullyot, Peterborough; J. B. Pearce, Norwood; Jno.D. Smith, Fenelon Falls; Alex. Campbell, Kinmount; Wm. Boyd, Bobcaygeon; Wm. Booth, Ottawa. The sale started at 2.30 and dragged along till about 4.30. The bidding was very slow, and it was evident the lumbermen were not anxious to buy limits unless they could get a pronounced bargain. Parcel No. 1, situated on White Fish River, was withdrawn at \$10,000. Parcel No. 2, in the township of Stanhope, Victoria county, together with mills at Fenelon Falls, went up to \$57,000, and the same parcel with mills at Harwood was withdrawn at the same figure. No. 2 alone got bids to \$53,000. There were other properties offered and small bids made. Everything that was bid on was withdrawn.

THE new Halifax dry dock was formally opened on the 19th Sept. by Vice-Admiral Watson, with the docking of the warship Canada. This is the largest dock in America, one of the finest in the world, it will dock the largest vessel afloat or likely to be built, and was constructed at a cost of nearly one million dollars. It is built of granite and concrete, is 601 feet in length, 72 feet wide at the bottom and 102 feet at the top, and has 30 feet of water over the sills. It was blasted out of solid rock and the site adjoins the Imperial dock Its importance to Halifax cannot be overestimated, as Halifax as a shipping port ranks third on the continent, being next to New York and new field of labor-it may be his lot to engage in.

Boston. As the great dock constructed at Burmuda many years ago for the use of the Imperial navy is now obsolete, there is little doubt but that hereaster Halisax will become the headquarters of the British Navy on 

THE shipbuilding trade, says the Timber Trades Journal, in all the northern ports continues brisk, many fresh contracts being booked, and numerous inquiries coming in. Several firms are now out of the market, and refusing all orders for execution before the end of 1890, being fully occupied till that time with Government and private contracts. The Wear yards are very busy, and at West Hartlepool all the building berths and dry docks are occuried. A large business has been done in the sale of second-hand steamers during the last six months, and the quantity of tonnage that has changed hands is unprecedented. The orders for new boats during the past two months show a considerable increase on the previous four months, and prices for all descriptions of vessels are considerably higher, owing to the increase in values of steel, iron and building materials. Labor is already about 15 per cent. dearer than last year, and, with the unsettled feeling among workpeople, builders are compelled to increase their prices for new boats.

AMONG the witnesses examined before the Senate committee in Boston on Sept. 11th was Mr. Hall, an extensive lumber dealer. He denied that the abolition of the duty on Canadian lumber would reduce the price of lumber in the United States, because the duty is now paid by the Canadian producer, and if it was removed the value of Canadian timber lands would be proportionally enhanced. Mr. Hall said that, "within five years, if the duties on lumber were entirely removed, there would be no appreciable difference in the value of lumber in Boston from what it was now, for the reason that the timber lands in Canada would be more valuable when the duties were removed from the product of those lands. Those lands would be purchased, a great many of them, by parties in the United States, some of whom he knew were waiting for the removal of the duty in order that they might go in and purchase Canadian timber lands." While it is still a debatable question as to who pay; the duty on Canadian lumber, Mr. Hall is right in saying that the removal of the duties would enhance the value of Canadian timber limits.

## KIND WORDS WILL NEVER DIE.

Of the many kind words of encouragement which have from time to time been bestowed on THE LUM-BERMAN, none have been more acceptable or more highly esteemed than the following from Mr. Thos. W. Hotchkiss, U. S. Consul at Ottawa. The letter which follows speaks for itself:

UNITED STATES CONSULATE. OTTAWA, Sept. 10th, 1889.

Editor " Canada Lumberman" Peterborough, Ont.

Peterborough, Ont.

My DEAR Sin:—Before retiring from this post of duty I desire to express to you my thanks for the courtesy extended to me by the sending of a copy of THE LUMBERMAN. I have taken great pleasure in reading its contents. Indeed, as a lumberman, I have enjoyed it equally with the American papers of its class. I am pleased to say that there has been a steady and marked improvement, and it is to-day in the front rank with the best of the American papers. I have become so attached to it I shall miss its coming. My successor, having no interest in the lumber industry, will, as a matter of course, feel differently. May your success be commensurate with its great worth, and again warmly thanking you for your courtesy,

I am, most truly, U. S. Consul.

We heartily reciprocate the kind wishes above expressed, and sincerely regret the circumstances which have made it necssary for Mr. Hotchkiss to sever his connection with the onorous duties of an Ottawa consulate, a position which he has filled for some years with credit to himself and to the entire satisfaction of all with whom he has been called upon to do business. But worthy as he has been of the position he has held, he is not of the same political complexion as the present U. S. government, and as a result he steps down and out to give place to a party favorite. THE LUMBER-MAN, however, wishes him every success in whatever

. . . .

### FOREST PRESERVATION.

THE protection of our forests is a question of vast importance both to the national government and to the citizen, and a question which demands the consideration of the well-meaning citizen and the thinking men of the country. Our forests have been and still are a great source of wealth, but the rapid rate at which they are being denuded by the woodman's axe, to say nothing of their destruction by immense fires, is sufficient to cause alarm. More care should be taken in the preservation of existing forests, and the sooner the people are educated to the importance and necessity of preserving them and the replanting of new ones the better. It is a matter of vital importance to the well-being of the nation. At the recent meeting of the American Science Association, Mr. R. W. Phipps, read a paper on "Our Forest Protection," which contains many valuable suggestions. The arousing of public opinion by the gleaning of information and the distribution of the same by means of pamphlets among proper persons, and the delivery of addresses by Forestry officials, are set down as being among the prominent aids. A large Government nursery, where trees might be obtained free of cost, would be one of the greatest inducements for landowners to plant. It would not do to say that he who wants trees should buy them. There is an inducement needed here, or the work will not be done. The work is national; it is the nation desires the farmer to plant the trees; it was the fault of the nation that he was ever allowed to obtain public land at first without an agreement to retain a certain portion in trees. Few should be in a better position to say than I, for I have now for seven years been examining this subject, and I am strongly of opinion that, under a system of free saplings, twenty times as much planting would be done as at present. Instead of free nurseries Governments sometimes grant orders on nurserymen. With careful and earnest supervision, either plan would answer. The great point is-free distribution of young trees. On the settling of fresh woodland he says: "The great error of the original settlers was taking hill and hollow, mountain and valley, indiscriminately for settlement. The result is that many mountain tops were cleared, farmed and ruined, for the soil washes away and in a few years nothing is possible but to desert it and go elsewhere. That the mountain should be wooded and the sloping valley cropped is the very alphabet of forestry. If there is one lesson more than another which overclearing has taught America it is that people should not be allowed to enter the woodland and hack and hew as they please. There are now millions of acres of deserted and wornout farms in the Eastern States and Canada, which were simply the elevated ridges, fit, with care, to bear timber forever, but not fit for farms, as the earth washes off. It is hard for the settler in a forest to know the elevation, but the survey should have regulated matters. I wish it to be understood that here I speak from my own experience. When, over thirty years ago, with no one to guide us, many of us entered the forest, we cleared much which never should have felt the axe and is now worthless, or very near it. This is not proposed in the case of the ordinary rolling land of the country, nor where there are merely a number of small hills, but where thousands of acres form the watershed of a mountain range, they should remain in wood." The remission of taxes on woodland would greatly assist in preserving a considerable amount of forest throughout the country if taxes on woodlands, where the country is sufficiently cleared, were in all cases remitted; and, if in the same connection some stipulation was made that cattle should, to a proper extent, be excluded, very great benefit would follow. For a wood dried up and hardened, its undergrowth destroyed by cattle, is of very little value climatically compared with one where the forest bed is preserved. Neither will it remain a store of fuel, for, there being no young trees, the forest must uliimately die. There is, no doubt, however, that many of these wood-lots are allowed to decay, because it is intended to clear them up, and that, if the remission of taxes induced the owners—as it in most cases would—to keep them as permanent forests, much better care would be taken of them. The prairie lands, both of Canada and the United States, urgently need tree planting and will give good returns. Plantations of miles square have been given for eight years in Kansaş by railway companies and with good paying results. Yet, even with this successful example before their eyes, settlers plant little. When I saw these plantations they were four and six years old, yet still the prairie for hundreds of miles was comparatively treeless, though all admitted the benefit of trees. I should recommend, in prairie countries, while the soil is yet in Government hands, that many millions of young trees be planted and cared for under Government appropriations, cultivated to keep down weeds for a couple of years, and the prairies, close by, ploughed to prevent fire running to the trees. In this we should not wait long for experiments. It is necessary to plant four times as many trees as needed, to allow for thinning, and by planting different varieties it would be easy to arrange them that, even if three-fourths failed, we should still have a forest. This would cost milions of dollars, it is true, and it is equally true that it is a matter in which, above all others, it should be spent. If, when I first saw the Praire States, between thirty and forty years ago, an appropriation of ten millions of dollars had been given to plant trees and care for the ground then existing, these States would, I am well assured, be more valuable by a thousand million of dollars now. Can nations not afford such sums? Let us think of the sums they are, without exception, ready to spend in war and then answer. But that, it may be said, is to preserve national life. So is the other. Every well-informed student of history is aware that in all the past as the forests of a country were destroyed beyond a proportion national life weakened, and by the time, when, as examples show us, the treeless desert had overspread the ground the nation was dead. The preservation of timber forests has been little thought of in America, and the lumberman, on condition of paying the authorites a certain amount, has been allowed to cut at his pleasure. No care has been taken to replant forests. generation, say for thirty years, will have timber enough, though they will have to use much wood hitherto thought unfit. After that there will be little good pine and not much hardwood in our forests; what is obtained will be brought from British Columbia and the forests of the Southern States, while the generation following will exhaust these. Considering the well-known benefits of keeping a large section of the country in forest, I would earnestly urge the people of America to consider how much more advantageous it would be at once and decidedly to say of certain large portions now in forest :- "These shall not be cleared for settlement; these shall be sacred to the tree." Once this determination is arrived at, the rest is easy. Nothing is more simple than to introduce and maintain a method of forest preservation, if populations demand it and Governments fulfil their desires. It is often said, "We have a large proportion of forest land." But most of this is not good forest. Much has been overrun by fire, much culled of every good stick by lumbermen. But nearly all of this might be renewed, and made good, permanent forest, if the means were used.

### BRITISH COLUMBIA.

[From our Regular Correspondent.

VANCOUVER, B. C., Sept, 21st, 1889.

The lumber trade continues brisk along the Pacific coast. Five slips arrived at Burrard Inlet during August, and during the month six ships cleared with lumber for different ports. The old Chemainus saw mill is at present shut down, and it is not likely that it will again re-open, unless to turn out the building material required for the new mill. There is a rumor that instead of rebuilding on the old site, the saw mill company intend erecting Victoria or Esquimalt. their new premises either at

The largest real estate and manufacturing transaction which has yet been consummated in this city was finally closed in Victoria recently. I refer to the transfer of the ownership of the Hastings Saw mill, the real estate attached thereto, and the timber limits connected therewith, all of which constitute the most valuable property outside of that of the Canadian Pacific Railway, in the city of Vancouver. Mr. John

Hendry, President of the Royal City Plaining Mills becomes the sole manager of the property, which will continue to be operated and known as the Hastings saw mill. The purchase consideration, it is understood, being somewhere in the neighborhood of \$290,000. The capacity of the mill is to be largely increased, and new machinery and motive power of the most approved pattern are to be introduced.

A company is being formed at San Francisco, California, to build rafts of from 8 to 12 million feet, at California, to build rafts of from 8 to 12 million feet, at Puget Sound, after the Joggins' plan, to be towed to San Francisco. The advantage of rafting is in freights. The present rate on lumber from Puget Sound to San Francisco is \$6 per thousand, while it is claimed the rafts of logs can be rafted at a cost of \$2 per thousand. The lumber trade is brisk at Westminster. The Royal City Mills are running full time. The bark C. C. Frank is leading recogn feet of rough lumber at the

Funk is loading 700,000 feet of rough lumber at the mills. The Brunette saw mills are having gas put in in prospect of a heavy run of night work.

The following are the ruling prices at present for

lumber at Vancouver.

5, 4 5, \$19; No. 2, do, \$17; common rough plank for sidewalks, delivered, \$9, lath per M, \$2; rough cedar, \$10 to \$12 per M; double dressed cedar, \$35 per M; single dressed, do., \$30 per M; shingles \$2 per M; maple, \$20 per M; curley do., \$75; pickets, rough, \$19 per M; dressed do., \$20.

The bush fires which so extensively prevailed during July and August have entirely disappeared. They have

been worse this season than any other during the last

fifteen years.

The country settling up gradually, will increase the danger of these fires yearly, but it is said the Government is contemplating some scheme for protecting the limits more effectually than heretofore from the ravishes

Fader Bros.'s mill at Vancouver is being bought up by joint stock company, and rumor has it that the C. P. R. is largely interested.

The Vancouver Lumber Co., at same place, have been bought up by a syndicate, of which Mr. W. H. Higgins, lately in connection with the McLaren, Ross Lumber Co., is managing director.

The Moodyville mill is talking of making large additions this winter, but the negotiations to this effect were temporarily suspended owing to the demise of Mr. Walch, of San Francisco, one of the largest stockholders.

The new machinery for the Victoria Lumber Co. is on the way, and expected at Chemainus daily from Peterborough.

A great many eastern capitalists have paid the coast the last two months, and there are rumors of some large investments having been made.

The other mills at Vancouver are all very busy, and every week a ship sails out of Burrard Inlet loaded with Douglas fir for every part of the world.

In New Westminster the Branette Saw Mill and Royal City Mills are working night and day, and still cannot keep up to the orders continually coming in.

The McLaren-Ross new mill has been all roofed with corrugated iron roofing, and the foundations for boilers, burner and engines are nearly finished; the fire bricks and Portland cement arriving last week. They expect to be running by February. A car load of iron working tools arrived last week from Bertram, Dundas, and they ordered an engine and boiler of the Ballmake from E. Leonard & Sons, London, to run the above, and an electric plant. This mill will revolu-tionize mill building in this country, and will tend to economise the use of manual labor.

From a recent visit to Revelstoke, American capitalists are talking of building a mill on the Columbia as soon as the duties are better arranged between Canada and the United States.

The Valentine shingle mill is running to its full capacity, and the price of shingles there, 75c. run, f.o.b., is very cheap, and lots of money in it to the manufacturer.

Benjamin Franklin, of Chiticutimi, is talking of building a saw mill in that part of the country, having order-ed power and carriage, and, if successful, will put in more machinery next year.

The Alberni mill is getting under way; the parties now negotiating about the mathinery, and order as soon as the grants are allowed.

Hon. G. Dewdney is now out here, and is making some stir with those mill owners who control more limits than the law allows, but they expect to pull through

At the forthcoming Provincial Exhibition, to be held in New Westminster, on the 23rd and 24th of October, the mill men are going to make a special exhibit of the lumber industries, and qualities of all the woods in British Columbia.

# THE NEWS.

ONTARIO

- -P. McDermott, lumberman, South River, Muskoka, has assigned.
- -A great deal of lumber is being shipped from Penetanguishene by rail.
- -Three Gravenhurst mills have already cut out their stocks and shut down.
- -Davidson's mills, at Penetanguishene, have closed down, the piling yards being full.
- -Fire is rapidly consuming the timber on Griffith's Island, at the mouth of the Georgian Bay.
- -Mr. R. H. Menzies, Burk's Falls, is putting a new combination trimmer in his mill.
- -From Baysville we learn that Messrs. Mickle, Dyment & Co. have put in a camp at Ridout.
- -S. B. Crossfield's saw mill at Sturgeon Bay is turning out fifteen thousand shingles per day.
- -The Emery Lumber Company have started their camps on the Wahnapitae, Georgian Bay District.
- -The Ontario Lumber Company have started to work in the bush near Loring, and are putting in four camps this year.
- -Mr. Donald Campbell sold his lumber yard in Dundas street, West Toronto Junction, 170 feet frontage, for \$16,600.
- —S. B. Crossfield shipped the first car of shingles cut by his new mill at Sturgeon Bay, to Springfield, Mass., last month.
- —The Gilmours will rebuild their shingle mill at Trenton on a smaller scale. They will also build a new fluine at a cost of \$4,000.
- —It is reported that Mesr.s. J. B. and R. H. Klock have purchased Mr. James MacLare. 's Bear Creek timber limit for \$200,000.
- Shipments of lumber are Enrly brisk at Parry Sound, but a large amount remains to be shipped before the close of navigation.
- —The Georgian Bay Lumber Company got out 100,000,000 feet last year, and it is said they will not exceed 30,000,000 feet this year.
- Pierce & Co's mill, at Ottawa, has closed down at night for the season. The company's small mill still continues running at night.
- -Logs are being towed out of Lake Superior to the Bay City, Mich., mills. One raft of large dimensions passed Sault Ste. Marie last week.
- —It is possible that the syndicate who recently purchased the Scott timber limits in Haliburton, may lease the mills at Harwood, to cut their logs.
- -Mr. J. R. Booth will operate the limits which he purchased some time ago from Messrs. Barnet & Russell, on the Temiscamingue river, during the coming winter.
- —A new lumber company from East Saginaw, Mich., has commenced operations on the north shore of Georgian Bay. They will make Little Current their headqua ters.
- —A large quantity of lumber at the Chaudiere mills has been held to dry that should have gone forward weeks ago, owing to continued wet weather during the summer.
- -Forest products exported to the United States through the Ottawa consulate for the quarter ending June 30th, 1889, amounted to \$1,035,996, and for the fiscal year \$3,042,365.
- --Wm. Potter & Co., Little Current, have cut 2,000,000 feet of lumber this season, and expect to finish 4,000,000 before it freezes up. They will have 2,000,000 feet of uncut logs left over.
- —Mr. Maurice Malone, took with him last week from the Ottawa district 320 men to work on the timber limits controlled by the firm of Hackley & Gordon, in the vicinity of Scattle, Washington Territory.
- —The Longford Lumber Co's shingle mill at Orillia has been shut down for the season. The woodenware factory, however, has enough orders booked ahead to keep the concern runing for three or four months.
- The last two rafts of the season, consisting of 100 cribs, each passed through the Chaudiere slides Aug. 30th. The timber was cut on the Kippewa and Pettewawa rivers, and was owned by Messrs. Moore and Frazer.
- —A prominent Ottawa lumber merchant states that this season's cut of lumber will likely exceed the quantity turned out for many years past. This is largely owing to the high water being very favorable for sawing during the season.
- —The Nassau mill, at Peterborough, closed Sept. 5th for the season, the supply of logs having been cut and the quantity of lumber in the yard being so large, over twelve million seet. The steam mill will continue to run as usual.

- Numerous gangs of men are being sent to the woods from Ottawa, Quebec and other points. Lumbermen are making preparations for the commencement of lumbering operations, and a lively winter's work in the woods is anticipated.
- -Mr. Milne, of Ethel, whose xaw and shingle mills were destroyed by fire, has commenced to rebuild, and the new structures will be much larger and more complete in every department than the old ones. He got all his insurance money.
- -Dr. Herriman, of Lindsay, is clearing a site for a large saw mill on West Bay Creek, Algoma. Men will arrive in about a week to commence putting in machinery. This will be a great boon to the settlers in that part of the country.
- —The Rathbun Co.'s saw mill, at Campbellford, is running night and day, turning out, 2,000,000 feet of lumber, 150,000 railway ties, besides shingles, lath and heading. Steam power is used and about 70 men are employed. Campbellford is the head office for Trent operations.
- —The Imperial Lumber Company, (Ltd.) has been incorporated with a capital stock of \$260,000. The incorporators are, T. W. Dobbie, C. D. Warren, G. M. Warren, F. B. Warren, C. R. Warren, H. C. Boomer, Toronto; W. J. Jones, Bowmanville; G. M. Warren, Niagara.
- —The s...am tug Nellie lest Messrs. E. B. Eddy's lumber docks on the Hull side of the river Sept. 16th, having in tow eight barges, all loaded with inch boards, for American firms at Burlington, Vermont and Whitehall, N. Y. The previous week upwards of 2,000,000 feet were shipped to the same places.
- A large amount of square timber has been sawn this season at Mason's mill, Ottawa. The mill has been going night and day most of the season and will continue to run so until it shuts down. Mr. Mason purchased a 250-horse power engine at the commencement of the season and it has given much satisfaction.
- —Campbell Brothers, lumber dealers, Toronto, assigned Sept. 5th. Liabilities \$15,000 to \$17,000. Assets are said to be much larger. The assignment was caused by a lockup of the money of the firm in certain real estate transactions of D. Campbell & Co. It is expected they will pay 100 cents, on the dollar.
- -Mr. H. G. Buck, of Norwood, is busily engaged in superintending the rafting of 50,000 feet of square timber at Belleville. It will be taken to Quebec, and on the arrival of the fall fleet will be shipped to Great Britain. This is the fourth raft Mr. Buck h shipped this year, making in all over 200,-000 feet of square .:mber.
- The mills of the Ontario Lumber Co., at French River, are run by steam, using a band saw, also a circular and gang saw. They cut on an average 100,000 feet of lumber per day. employing 100 men. This company load from 55 to 60 vessels with lumber for different ports each season. They are now engaged in making improvements in their mills.
- —Increased value of timber limits and extra cost of log crops makes economical lumber-making of utmost importance to all lumbermen. The hand sawmill shown at the Toronto exposition by the Waterous Co., Brantford, runs a 16-gauge saw and cuts 20 per cent. more lumber from the log than the ordinary circular. It has also the merit of cheapness and adaptability to any mill.
- —The lumbermen have no difficulty in obtaining labor at present, as men are plentiful at Ottawa. Most of the Lower Town hotels are well stocked with them. The wages for log makers have been steady so far and no change noticeable, but as for general hands, they are not getting quite as much as last season. They are promised from \$12 to \$16 per month and board.
- —II. Cargill's steam saw mill, at Cargill, cuts from six to seven million feet of lumber, also some two-and-a-half to three million lath. The saw and shingle mill runs by water power, cuts all kinds of bill stuff and runs the greater part of the winter months. His supply of logs and timber is obtained from some 11,000 acres of bush or swamp lands which he purchased from the government some years ago.
- —The Georgian Ray Consolidated Lumber Company is one of the oldest established lumber companies in northern Ontario. They are now operating both the upper and lower mills at Byng Inlet, together with large mills at Waubaushene, Severn and Collingwood. The output from their upper and lower mills at Byng Inlet this season will be about 20,000,000 feet. At these mills they employ 160 men.
- The sawdust explosion took place in the Ottawa river, on them. It has been said by already obtained an order of high. There was luckily no boats in the vicinity at the time. The sawdust shoal in the Ottawa river just at the foot of the Government hill, is now fully a foot above the surface of the water. Recently several sawdust explosions have occurred in that vicinity which were big enough to swamp a small boat.

- —Lumberers are tapidly sending men into the woods. Messrs. R. Hurdman & Co., of Ottawa, have three crews at work on their Magnicippi limits. Mr. A. Barnet has a crew at Barnet Lake; Mr. A. Fraser another at Misty Lake, Messrs Chevrier & Whistle have two shanties running in full blast making logs for Messrs. Perley & Pattee. Mr. Louis Cherrier has a gang making improvements on the Nipissing branch of the Pettewawa for Messrs. Booth & Co.
- —A deputation consisting of Messrs. Robert Innes, Thos. G. Hazlitt, A. P. Pousette, James M. Irwin, E. B. Edwards, of Peterboro' and R. C. Strickland, Lakefield, accompanied by Mr. Jas. Stevenson, M. P., for Peterboro', visited Ottawa on the 18th and waited on Hon. C. H. Tupper, minister of marine and fisheries, re the sawdust in the river question. The government have for some time been prosecuting offenders who have been using the river around Peterboro' as a receptacle for their spare sawdust. The millmen cannot see why if a portion of the Ottawa river is exempted from this law their river should not be treated likewise. They asked Mr. Tupper to make some amicable arrangement.
- Button & Bro., Byng Inlet, North, have extensive timber limits on the Magnettewan, Beaverstone, French, Spanish and Mississangua rivers, with a supply sufficient to last for 20 years. They ship all their lumber by their own vessels, composing a fleet of four. The mill is supplied with the most modern and approved machinery and run by steam. It is claimed that they can produce more lumber with a circular and gang than any other mill in Canada, and this season they will cut 15,000,000 feet, running from Mny to November. Sixty-eight men are employed by this firm. It is said they cut as much as 130,000 feet of lumber per day with one circular and gang saw.
- The Thessalon Advocate says that Hon. Mr. Hardy. Crown Lands Commissioner, is determined that nothing shall be left undone to advance the opening up of that portion of the Province formerly known as the "disputed territory," the hitherto unexplored and unsettled. The Rainey River Free Grant Act is now in force, and patents are being issued under it for mining lands where the claim is not in dispute. All applicants have been notified that on the deposit of the necessary purchase money the Department is prepared to issue patents. Two Commissioners are taking evidence and obtaining information in the disputed territory—one at Rat Portage, respecting claims to mining and other lands; the other at Rainey River, respecting claims of settlers to lands in this section.
- —A case of interest to lumbermen was tried last month in the Common Pleas Division court, at Peterborough. It was an action for trespass, and cutting timber in Peterborough county, of which the plaintiff claimed to be the owner in fee in possession. The defendants claimed a right to cut timber on the lot in question under a license from the Commissioner of Crown Lands issued in 1888. The learned judge holds that the defendants had notice that this lot was sold on March 13, 1884, and as three years had elapsed prior to the issue of the license, that they should not have proceeded to cut timber unless advised that the sale had been cancelled. Judgment was given for the plaintiff for the sum of \$530,50, with interest from April 26, 1889, and full costs.
- Mr. Robert Wilson, of Mr. J. R. Booth's firm, has returned to the city after an extended tour through British Columbia. Mr. Wilson's object was to invest in the lumbering industry in that country, but owing to certain facts which he perceived on his trip he thought it advisable not to. He says that the mills there are of sufficient capacity to supply the local markets at present; and until the export trade is more developed there, and decreased in the eastern part of Canada, he is of the opinion that it would not be a wise investment. Mr. Wilson visited the Maclaren, Ross & Co.'s mill, which is in course of construction on the Frazer river, and speaks highly of its site. The earth is so soft were the mill is being erected that its foundation consists of piles driven in the ground a great distance and made solid with 200 harrels of Portland cement. He says that the mill is most conveniently situated, as the Canaclian Pacific railway runs directly through its yard, and one great advantage is that the logs when cut and put in the sea will not be effected with the much-dreaded toredoes which invade the salt water, as they can be towed with the greatest of ease to the Frazer river and then run directly to the mill. The firm has men already at work cutting logs within three miles of the mill, which is a very short distance in comparison with that which the lumbermen in this vicinity are obliged to go for them. It has been said by good authority that the firm have already obtained an order for 50,000,000 feet of timber for export. Mr. Wilson, who has had considerable experience in Canadian forests, was greatly struck with the size of the trees there. He said that he watched men take no "s than four 32 foot logs out of one tree without touching it at ? the bran-

-Seven men unceremoniously lest the employ of the Messrs. Hurdman last month. They had only worked three days. Lumbermen sigh for the good old days when there was a law to punish men who lest their work without a just cause. There are numbers of the river men now, who stay in Ottawa till they run up a big bill at their boarding house, then engage with some lumberman, go to the wood and on the slightest pretext, or no pretext at all, leave their employer after he has paid their way up and in many cases advanced money to them.

—The mills in the neighborhood of Fallbrook do not get much Pine to cut now, and the most they cut is in Hemlock, Basswood and Ash. At one time there were seven saw mills within a radius of two miles cutting, on an average \_,000,000 feet each a year, but now there are only three cutting about one and a half million altogether. The largest drive of sawlogs that ever went down the Mississippi in one season passed here a short time ago on its way to Carleton Place, to be cut there by the Canada Lumber Co., and Boyd Caldwell & Son. It consisted of about two hundred and twenty thousand pieces.

### QUEBEC.

The mills at Scottown are all shut down for want of logs.
 L. A Stearns & Co, lumber and saw mill, have assign ed.

—The new steam saw mill of the Roberval Lumber Company, Roberval, is, now in active operation, turning out some fine pine and spruce lumber. They expect to saw nearly 100,000 logs during the season.

The E. B. Eddy Company have desided not to send any more men into the woods or make any more logs. The Eddy limits found employment for about 500 men yearly. The mills will close down unless sold. They employ a day gang of about 300 and a night —ng of about 250. Unless the mills and limits are purchased pefore the logs are cut, several hundred men will be thrown out of employment.

A meeting of lumbermen operating timber limits in the Province of Quebec was held Sept. 5th, to consider the new regulations of the Crown Lands Department with respect to the prevention of destruction of timber by fire, and the tax imposed on limit holders for the purpose of enforcing such regula. tions. Mr. J. R. Booth presided. Under the new law the Government appoint fire rangers to enforce the regulations, and half the expense of maintaining these officials is paid by the Government, and the other half raised by assessment at the rate of ten cents per mile upon the limits under license. Some of the lumbermen objected to the Quebec fire protection tax, on the ground that the fire rangers are appointed by the Government without consulting the lumbermen, whereas in Ontario license holders have a say in the appointment of fire rangers for their respective districts. After some discussion it was agreed that Mr. Charleson, the superintendent of Forest and Fire Rangers for Quebec, be informed that the limit holders agreed to pay the assessment levied upon them for fire protection purposes, with the understanding that their request that they should have a voice in the selection of fire rangers be submitted for the consideration of the Provincial Government. Mr. Charleson promised to convey the representation of the limit holders to the Comissioner of Crown Lands.

## NEW BRUNSWICK.

-Mr. H. O. Larey's mill at Mission Point has been shut down for the season for lack of logs.

—The continuance of the dry weather has been the occasion of numerous forest fires in the Province. Much valuable timber has been destroyed.

—H. H. Stevens, the well-known shingle manufacturer, has 12 machines at work, at Fairfield and Salmon river, and will cut\_out during the year twenty million shingles.

At a recent sale of the Frederickton Boom Company, spruce logs brought \$9.10 a thousand for merchantable, and two-thirds of that price for battens. White pine sold for \$7.60, cedar, \$5 and hemlock \$4.10.

—Simmon & Burpee, bridge builders and mill owners, Frederickton, have assigned with heavy liabilities. The hanging up of the firm's logs by low water on the Upper St. John was the chief cause of the difficulty. It is stated that the liabilities of the firm will amount to about \$40,000 and that the assets will pay about sixty cents on the dollar.

—The Chatham World says: Steamers are steadily supplanting sailing vessels in the deal carrying trade, much to the disgust of the laborers and others in port. The Thorndike, now loading at Muirhead's mill, is nearly 2000 tons and will carry about two million feet. She will have to take in part of her cargo outside the bar. A still larger steamship is expected.

—During the month forest fires have] done an immense amount of damage in the province; for miles the forests burned on each side of the tract on the Main Central Railroad.

On the New Brunswick Radroad thousands of dollars of damage was done. The country roads were impassible on account of the heat. The towns of Frederickton and Moneton was surrounded by flames and the people had to fight hard to save their property.

-There promises to be great activity in the woods the coming winter, and the cut will be unusually heavy. Operators who have hitherto gone to Arcostook are seeking grounds on the Canadian side of the line in consequence of the trouble and expense arising out of the United States bonded system, and also on account of the extremely high rates charged by the Aroostook people for camp supplies. Wm. Sewell, who is to operate for Andre, Cushing & Sons, has started for the Alegash, and Walter Stevens has started for Fish river with his crew for E. D. Jewell & Co. Kilburn & Baird will operate extensively on the Tobique, while Wm. Teddie will occupy his old grounds on the same river. Gilman Bros. have lest for Little Black river, Quebec, for Wm. Murray, and Robt. Connors is preparing for work on Cabins lake, his field of last winter. Bevendge & Co. go to Nictena lake, on the the Tobique. David Keswick, of Hortland, will operate extensively on the Grand river. Lynch Bros. and Mr. Welch are making extensive preparations for a big cut on the Miramichi.

### BRITISH COLUMBIA.

—A tug called the Active, has been completed for the Royal City Mills, Westminster.

—The Royal City Planing Mills Company, Westminster, contemplates making extensive improvements in its mills.

—Improvements are being made in the Vancouver sawmill. It is the intention to ship to foreign countries as soon as the necessary alterations have been made.

—The sale of the Hastings mill property at Vancouver to an English syndicate is reported off, owing to one of the British shareholders dec'ining to dispose of his stock.

—In view of the prospect of rafts of logs being exported from British Columbia to the United States, the governments are considering a rate of duty to be levied on British Columbia pine.

-A. J. Hill and H. G. Ross, commission agents and surveyors, Westminster, have dissolved partnership. Ross will continue the commission business, and Hill the engineering department.

-The Crystal City mill is expected to be in operation by the middle of October. On account of the moulders strike and the cancellation of orders by Goldie & McCulloch, of Galt, they were unable to get their engine completed and have purchased one now on exhibition in Toronto, which has received the highest commendation.

### NOVA SCOTIA.

-James A Freeman, general store and lumber, Kempt, is is offering to compromise.

—The lumbering firm of Messrs. E. D. Davidson & Son, have purchased the mill and timber formerly owned by the Messrs. Freeman's on the Port Medway river.

—E. Leonard & Sons have filled an order for engine, boiler and sawmill for Miss Stirling, founder of Edinburgh and Leith Children's Aid and Refuge at Aylesford, Nova Scotia.

—Lumbering in Nova Scotia appears to have brightened up, and there is quite an active demand for milling property. J. E. Dickey, of Stewiache, recently placed his saw mill and timber limits in Eastville on the market. They were at once taken up by a company from Amherst that intends to cut lumber on a large scale. This property is considered one of the finest water previleges in Nova Scotia.

## AMERICAN.

—Horace S. Shepard, Treasurer of the Shepard & Morse Lumber Co., whose office is in Boston, has failed. Luabilities, 100,000, assets, light.

—J. W. Howry & Sons, of Bay City, have purchased a large block of Canadian timber and are making arrangements to commence lumbering. The logs will be towed to Saginaw river to be manufactured.

—J. Weiss, a lumber dealer and large stockholder in the H. S. Matthews Lumber Co., Texaskana, Texas, the largest concern in the place, has decamped, carrying with him, it is alleged, funds of other parties estimated at from \$30,000 to \$40,000.

—The lumber output of Memphis, Tenn. for the commercial year closed Aug. 31, by the mills and dealers, is estimated at \$1,930.00. These firms sold within the past 12 months over 60,000,000 feet of lumber, not including the output of the commission men during the same period.

-The Folsom estate has a large amount of pine land in the Spanish river country, Canada. Some of this pine has been

cut into logs, while a large amount is still in the tree. At present the Folson null in Bay City, Mich., is busy consuming the logs on hand. As soon as the American logs are all sawed ap, the shipment of the Spanish river stock will commence, and continue until their mill and store rooms are filled to their utmost capacity. The mill will then begin the consumption of these logs. There will be enough of them to last an indefinite period.

-The Bangor Commercial intimates that the ordinary gang or rotary saw mill is to be superseded by the "band mill," in which the band saw is applied to all purposes of sawing. The F. W. Ayer & Co. mill is fitted with this band saw arrangement, and, says the Commercial, "representatives from nearly every mill on the St. John river, from the New Hampshire mills and the Bradstreets at Gardiner and from other mills all over the state have been here and inspected it and watched it work. They have all been surprised and pleased with it. Our own millmen say there will never be another gang or rotary put in here, but that they will be replaced by the band mill. We give the figures showing the amount of lumber sawed by the little and big gangs at Mr. Ayer's mills yesterday as well as that sawed by the band saw, and a comparison will be interesting. In eleven hours yesterday the little gang sawed 73,287 feet, the big gang 83,208 feet, and the band saw 128,-357 feet making a total of 284,852 feet.

### CASUALTIES.

Samuel Purcell, a young man working in Pierce & Co.'s lumber mill on the Chaudiere, had the toes of his right foot taken off by the carriage that feeds the circular saw.

Wm. Jacques, working at McKee's mill, Windsor, fell from a lumber pile and broke three of his ribs.

Theodore Moreau, who was engaged in canting logs at Gratton's mill, on the Ottawa, was frightfully crushed by a jam of logs rolling on him. Faint liopes are entertained of his recovery.

Crowley West, a well known citizen, fell on a circular saw at Babbits mill, Gibson, N. B. and had his shoulder bone cut almost to the joint and one arm badly lacerated.

Geo. Palmer had three of his fingers almost severed by a circular saw at Carleton mills, Kouchibougac, N. B.

A Finlander, named Marston, was killed by a slab saw in Graham, Horne & Co's mill, at Vermillion Bay.

While tailing on the gang at the Lakefield Lumber Co.'s mill, Lakefield, Ont., Win. Wood was caught between the stock and the roller, fracturing the small bone of the leg.

Robert Forrester, while working on a machine in Cushing's planing mill, Calgary, Man., had his hand badly lacerated by coming in contact with the revolving knives.

William Herricks, an emyloyee of the Canada Lumber Co., at Carleton Place, was killed on the 17th by a lorry laden with lumber running over him.

### FIRE RECORD.

Larlee's mill at Perth Centre, N. B., was burned with its machinery.

J. C. Shook's saw mill at Corbetton, Ont. was burned early last month.

Leith's saw mill, near Moncton, N. B., was burned recently with all its contents.

The saw mill at Duncan's Indian colony at Metlakatla has been destroyed by fire. Loss, \$22,000.

W. & J. Anderson's saw mill, at Burnt Church, near Chatham, N. B., was burned last month. Loss \$3,000; no insurance.

The shingle mill, of Gilmour & Co., Trenton, Ont., was burned Sept. 4th. Loss about \$20,000; insured for \$13,000. The mill had been partly shut down for some time.

The barn and stables belonging to the Victoria Harbor Lumber Co., Victoria Harbor, was burned on the 15th, together with the contents. A spark from the burner is supposed to have been the cause of the fire.

A fire in Laird, Norton & Co.'s lumber yard, at Winona, Minn., destroyed twenty-two million feet of lumber, seven million shingles, and a three-story brick warehouse and contents, consisting of doors, sash, glass, etc., with sheds, tramways, etc.

Mr. L. H. Hillman's mill situated on the Ottawa, opposite Kettle Island, was burned Sept. 11th, and 1,500,000 feet of lumber. Loss nearly \$200,000. The mill was valued at \$22,000; insured for \$8,000. The lumber was owned by the Rathbun Co., of Deseronto, and was principally this season's cut. It consisted of pine, ash, birch and basswood. It was valued at \$175,000, and was partly insured. Fifty men are thrown out of employment.

### LUMBER TRADE OF NEW ONTARIO.

.T. II die Torsch ibbs I

This timber was and partly is, the property of the Local Government. They charge a uniform stumpage due of one dollar per 1,000 feet, and three dollars per annum per square mile. They put up the right to cut on these terms on certain limits at public auction. When Mr. Scott was Commissioner he thought the Province had struck a bonanza when this right fetched \$200 a square mile. Last year inferior limits, less accessible and with less favorable terms, fetched \$1,500 to \$2,500 the mile.

Some idea of the magnitude of the lumber trade may be gained by the fact that these "homeses" alone have brought in to the Provincial Treasury nearly \$21,000,000 since Confeder ation. It is quite impossible to pretend to write up this immense industry in a single letter; hence, with your permission, I pur pose to describe operations in one little corner of New Ontario, and will write to you about the lumber interests of Parry Sound and the country tributary. It is a very small portion of New Ontario, no portion of the tributary district being further than fifty miles from the Sound.

How do you account for the pessimistic and narrow Provincial views of our urban population? The mixture of races and the charm of new surroundings have made to the south of us a population pleased with their surroundings bright, original and singularly optimistic. Why should there The farmer says, "Take be such pessimists there? all the bad land out and Canada would be a small country." The shrewd manager of a steamboat rushes an excursion through Algonia to a foreign island in search of scenery The villager is neither a prophet nor the son of one, yet he predicts that the lumber will be played out in Muskoka in five or ten years, and the settler who is grubbing a living among the rocks, sand and stumps will have to get out.

Let is maintain the truth, the arable lands of all Algoma are as good, if not better (because newer), then the best soil in Western Ontario. They have a better climate and produce, even with bad farming, better crops. As long as grass grows and water runs, the material interests of New Ontario, I mean its lumbering, farming, and mining interests, will never be less valiable or extensive than they are to-day.

I am indebted to the courtesy of Judge McCurry for an estimate of the timber within these limits. It has cost time and money to prepare it, and it is as accurate as any estimate well can be. There is 750,000,000 feet of merchantable pine that is over ten inches in diameter, besides which there is continually growing another crop to afford a continuous but reduced supply. At the average cutting now done, the visible supply will last forty years.

Birch is a much more valuable wood than pine. It is taking the place of walnut and mahogany for fine furniture, is capable of a fine polish, and is more abundant here than pine, owing to the lack of railway facilities, little of it yet having come into the market. As it sinks in water, it cannot be carried to the place of manufacture. There is as much as the first supply of pine in the hemlock forests. The bark is used by tanners, and is worth \$5 to \$6 per cord now. The wood is worth \$10 per 1,000. It makes splendid scantling, rail, ties and barn flooring (being proof against rats), and if not so hard to work, would be a splended wood for wainscoting and interior decoration.

There is an extensive quantity of basswood which is being moreused than ever for cheap furniture. Of oak there is only a limited quantity, which is in active demand for vessel keels and house decoration. Of tamarac and spruce there are great quantities. These are fully as useful as pinc, but no account is made of beech and maple their use being chiefly as firewood. Poplar is plentiful, and is being extensively sought after for the paper factories. After pine is cut, the refuse is brought in as shingle bolts. The manufacture of shingles is a tremendous industry.

Nature again covers the rocks and sandy soil with trees of second growth. Pine comes occasionally in clumps, but the second growth is principally soft maple, butch and poplar, and all this in a radius of fully indes? and remember, there are thousands of mites just like it!

Some thirty years ago Mr Beatty located at Parry Sound. He built a saw mill and the Government gave him as a reward 2,000 acres in fee simple, and on this grant stands the principal part of the town of Parry Sound. The town had two splended harbors, but a poor country in its rieighborhood, and it would scarcely exist save that it is the sear of the lumber industry of the neighborhood. The mill for which Mr. Beatty was so plenteously rewarded, together with valuable limits, became, after a long time, the property of Mr. J. C. Miller. Mr. Miller was a good specimen of a shrewd. Vankee He commenced life as a school teacher and ended it as President of the Parry Sound Lumber Company and an honored member of the Local Parliament of Ontario. He was succeeded

in the presidency by his son, under whose presidency and the management of Mayor McLennan the Company has had an increasing prosperity. The company cut 12,000,000 feet annually.

The Midland & North Shore Lumber Co., is composed of a syndicate of capitalists, of which Mr. Ulyott, of Peterboro', is President. After the hopeless bankruptcy of the Guelph Lumber Company, this company bought the estate, and, under Mr. Fitzgerald's management, it has been a grand success.

The death of Mr. Miller happened just before the burning of Mr Pratt's famous hotel at Rosseau, the energetic "Discoverer of Muskoka" as a summer resort was thus enabled to gratify a long felt wish to become lumber king. With others he formed the Conger Lumber Company, bought limits and mill from the Miller estate, and carried into his new business all the geniality and enterprise which had formerly made his name so well-known in Ontario.

The Conger Company cuts 7,000,000 feet, and the other two 12,000,000 each. The Conger employs 60 men in summer, and 100 in winter, and has a pay-roll of about \$30,000 annually. The other two companies employ 200 men each in winter, and about 100 in summer, and each pays in annual wages \$50,000 per annum. The cut is divided into two qualities, the mill run and the mill culls. The specific duty of two dollars causes the choice lumber alone to go to the States, the markets there being Tomawanda, Buffalo and Albany.

The product goes by water, and it is a matter of regret that more Canadian and less American vessels are not employed in the traffic. The common lumber goes to Toronto, and the price received is—for null culls, \$7 to \$9 per thousand, and for good \$12 to \$15 per thousand. The combined mills do an average business of \$2,500,000 annually. The effect of the duty is supposed to be that buyer and seller each lose one dollar

The great difficulty of the country is lack of railway communication. Its want is felt at every turn. Other companies would locate, bringing other sections under tribute; tanneries would spring up, and the weary hauling of men and supplies to camp would soon cease. The quantity of lath, common lumber and slabs, now destroyed, would, if utilized, largely pay for the running, the road would pay from the start. Only the voice of the Pessimist is heard in the land. The history of the Northern Road shows a series of efforts in railway building against the sneers and laughter of the wise men of the day. Successive bonuses extended the line from Barrie to Orillia, the boom in railway building secured its extension to Gravenhursi, but the glittering bait of \$8,000 bonus per mile did not induce capitalists to take hold. They cry that the revenue would not pay grease for the wheels, and Manager Cumberland's witty statement that Muskoka was not rocky, but all rock, did their work, and things remained in statu quo until the advent of Sir Charles Tupper as Finance Minister. An offer of \$6,-000 per mile was quickly followed by another doubling the bonus, and \$12,000 per mile secured the extension to North Bay.

The purchase of the Northern by the G. T. R. has injuriously affected the lumbering interests. The Northern Company used them with whips, the G. T. R. is doing it with scorpions. The new rates are notoriously unfair, and they have caused a dullness in trade not before experienced. In this connection it may be stated that Mr. Miller, who is Vice-President of the Polson Company, is having built a steam-barge of steel which will be the second largest barge on fresh water.

There is considerable friction between newly-arrived settlers and the various lumber companies. It is a pity they do not see eye to eye, as their interests are so much in common. Lumbermen contend that if delay was made before further land was open for settlement, it would conduce to closer settlement in the old district, that settlers are the frequent cause of the, and do more damage sometimes than they are worth. Angry feelings have been groused in consequence. The Government have solved the problem. They allow no more settlement on pine land. They have got to be satisfied more than ever as, the bona fides of the settlement and the strict enforcement of the Fire Act has been of great advantage to the preservation of timber. It must be remembered that fire is not so very destructive usually. It simply disarranges plans and forces the getting of two season's supply in the year.

This article would not be complete without reference to the loss that lumber men and settlers alike receive in the death of Hon. T. B. Pardee. Mr. Pardee loved the country that was his peculiar charge. Affable and easy of approach, he gave an attentive and sympathetic attention to the wants and wishes of the people of the district. If he had done nothing more his authorship of the Fire Act alone would have kept his name green in the heart of his country now.

If the reading of this article should convey to one single influential man a just idea of the capabilities and possibilities of New Ontario, the writer will consider himself well repaid for his trouble.

### Lining a Saw with the Carriage.

It is almost impossible to make two saws that will hang just alike on the same mandrel, or make the same saw hang alike on any two mandrels. The slightest difference turning up the collars of the mandrel, or in the finish of the saw gear the mandrel-hole will cause a perceptible difference in the hanging, so that it is often necessary to adjust the saw by packing between the collars, with writting paper. In hanging a new saw, it is best to fit it on, screw it up between the collars, and then examine it carefully on the front or log side, and see it the face of the saw is flat. If it is found to be rounding on the log side, cut a ring of writing paper, about half an inch wide, the size of the collar on the outside, oil it, and stick it on the face of the fast collar around the outer edge. Then cut another ring of paper of the same width making the outside of the ring the size of the hole in the loose collar; put this small ring between the loose collar and the saw, and screw up the collars. If the two rings are not enough, put in another until the saw comes right. If the saw hangs dishing on the log side, reverse the rings of paper, that is, put the small ring between the saw and the collar, and the large ring on the loose collar.

Should a saw run a little out of true on the rim, it may be made to run true by packing with writing paper between the saw and the fast collar. It is also necessary that the saw mandrel should be perfectly level, so that the saw will hang perfectly plumb.

Never try to run a saw that is dishing on the log side, as it will be sure to draw toward the log. The carriage track must be straight, and the carriage run true. The flange that is fast to the mandrel should be a little concave, and the loose flange perfectly flat.

The most perfect saw is that which will cut the easiest, the smoothest and the most in a given time, with the least expenditure of power. When the teeth are presented to the timber with just the right pitch on top of the teeth, they will cut the kerf out in shavings, and not scrape it into fine dust. We do not mean to say that all of the dust will be cut into long shavings, for all timber is not sufficiently tough to hold together. How differently the teeth are presented to the wood in the solid-toothed saw. Any one who will take the trouble to examine the chips of the two will readily see. In the patent-toothed saw there is more room. Solid teeth, or teeth cut in saw plate, cannot be run at the same angle as inserted teeth. The teeth should not be rounded off, but filed straight back from the point. The sawdust cut with the patent-tooth saw is fifty per cent. better for fuel than that cut with the solid-toothed saw, on account of so large a percentage being cut in shavings.

# Large Sawmills.

An item is floating around to the effect that the Port Blakely, Washington, saw mill is probably the largest sawmill in the world, and that it has a capacity of about 100,000,000 feet annually. This is a mistake. There is a mill located at a small place in Ontario, at the mouth of the Trent river, near the head of the Bay of Quinte, which has a much larger capacity than the one alluded to in Washington, but which has rarely been run to its full speed, the stock not being obtainable. The Trenton mill, when erected, was simply enormous in size and capacity, a large number of gangs and circulars comprising the lumber-producing machinery; but it was hyberbolic, a sort of exaggeration, so to speak, like the steamship Great Eastern, there being no "use for it," or in the case of the mill no use for over half of it, as it would have required nearly all the logs harvested on the Trent river to have furnished food for its capacious may of saws. In fact at the time the mill was erected it had sufficient capacity to have produced all the lumber being cut on the Saginaw river, if not in all Michigan. It was a perfect cormorant in its power to consume pine sawlogs, and could undoubtedly have cut one-quarter of the present output of all the Saginaw and Bay City mills. It was known when erected as "the big mill," from one end of Canada to the other, and approximately retains its name to this day. But from its inception to its consumption it was a sort of abnormity, and its enormous capacity was rarely utilized.

### THE DOUGLAS FIR AS A TIMBER TREE.

A correspondence has been going on in the Scotsman in regard to the merits of the Douglas fir as a timber tree, a perusal of which will be found interesting to many of our readers. A writer in the Scotsman, signing himself "British Forester" has this to say about it.

As to the Douglas fir's merits as a timber tree I can say for certain that one of the three oldest and most extensive planters of the tree in Scotland, a noted member of the Royal Scottish Arboricultural Society flatly contradicts the chairman's statement regarding its value. He told me the other day that it was the fastest growing tree in Scotland, and, consequently, as he put it, the least durable. His private nurseries are amongst the largest in the north, and the best managed, and there the Douglas fir is conspicuous by its absence—the Scots fir and larch still being the favorites. Another fact-although the supply of seed must now apparently be plentiful-in the nurseries about Edinburgh and elsewhere you still find the Scots, larch, Corsican and Austrians first propagated and sold most extensively, and the Douglas fir in small quantities, as an ornamental tree principally. How is this after "fifty years' experience"? One of the most accomplished arboriculturalists and botanists in Edinburgh - a much respected member of the Arboricultural Society-also told me, only yesterday, that the tree was quite overrated, and that the society's certificate of merit was "nonsense." Dr. Schlich, the accomplished and practical arboriculturalist, of Cooper's Hill, London, (whom the Scottish Arboricultural Society voluntarily enrolled as an honorary member at their late general meeting), wrote an exhaustive paper on the Douglas fir last spring-his data being derived from the Scone plantations principally, and other plantations in Perthshire, which he examined and measured both in single trees and in sections of the plantations-comparing the tree for profitable planting, mest exactly, in every possible way, with the Scots fir and larch, and his conclusion was that the merits of the tree had been overrated, that the statements made regarding it by foresters were too vague and general to be worth anything, and that its merits for general planting were extremely doubtful, that it was inferior to the Scots fir in that respect; and, probably, of less value as a timber tree generally. In short, the Douglas tree has never been properly tested for either endurance or strength. I may add that I have been over the best Douglas fir plantations in Scotland, more than once, and only again, the other day, to correct some former observations of my own, and I am more convinced than ever that the opinions I have cited are right and the society's wrong, and I hope planters will think twice before they follow its advise\_

Mr D. F. Mackenzie, of Morton Hall, near Edinburgh, writes on the same subject. I wish to say a word about the Douglas fir, than which few nobler or more profitable trees grow within our shores. I speak from experience and not from hearsay, as your correspondent "British Forester" admits he is doing. He really does not know what the markets require, nor does he know the tree if he saw it in a marketable state. All he does seem to know of timber of that sort is his experience of it in a flower-pot in the conservatory, or at most on the lawn, and from a gardener's point of view. If he would wish to confirm the chairman's opinion as to the value of the timber of the Douglas fir, I would recommend him to apply to Sir Douglas Stewart, Murthly Castle, and Mr. Young Dunis, both of whom are now using the timber for all purposes for which larch has been used, and that for some time, and by myself many years ago. If he would come here I would show him planks of the larch and Douglas fir side by side and challenge him to tell which was which.

This correspondence is also continued in the Scotsman by "Scottish Forester," who says. "British Forester's" comments on the merits of Douglas fir are, I am afraid, quite as likley to mislead as those of Mr. M'Corquodale in his speech at the annual meeting of the society. If the latter is too sanguine in his expectations, the former errs in the opposite extreme

and with an amount of assurance and dogmatism not warranted by his information or that of any one else. Experience of this tree, in regard to its merits for timber producing and its adaptability to the climate of B-itain, is only in process of formation in this country, but Mr M'Corquodale may claim to have quite as much experience as "British Forester," since Dr. Schlich, in his report of the "Douglas fir in Scotland," published in November last, not last spring, according to "B. 7." credits him with having the oldest pure plantations of Pouglas fir in Scotland. Does Bratish Forester" question this concession? He appears to do so when he says the " statement of the chairman is accepted as being founded on second-hand report," &c. It is difficult to understand "British Forester" here. The allusion to the chairman's connection with a "ducal estate" where Douglas fir has been neither planted nor tested thoroughly, raises the old suspicion about his state of mind when he wrote. The Douglas fir plantation set out by Mr. Mr. M'Corquodale in 1860 belongs to the Earl of Mansfield, not to a duke. In conclusion I would ask "British Forester" to state where he finds Dr. Schlich say the merits of the tree have been overrated. His friend, one of the three oldest and most experienced planters of the tree in Scotland,' comes to a rather untenable conclusion when he says that because it is the fastest grower, Douglas fir is the least durable timber. Because larch exceeds the Scottish pine in rapidity of growth, will 'B. F." and his friend assert that it is less durable than the latter? What do they or anybody know about the durability of the timber of this exotic tree as grown in this country? Nothing certainly to swear by, though that appears to be the position taken up by British Forester."

[We should be glad to hear from any of the lumbermen in British Columbia, or anybody else who is posted in regard to the merits and durability of Douglas fir, as it is well known this wood abounds in that province in immense quantities. ED.]

# How to Get the Greatest Amount of Clear Lumber from a Log.

A sawver who is not careful to take every advantage from the log, so as to get the greatest amount of clear lumber out of it, cannot be considered a first-class sawyer, no matter what his other attainments may be. Logs are never round, and most of them are decidedly flat-sided, and in placing the log on the carriage for the first cut, the sawyer must so place it that in squaring it up, the flat side will not be thrown on the corner, but will be true to the corner of the cut. Very few logs are perfectly straight, and many of them are very crooked, so the sawyer must be very careful to so place the log that the bow of the log will be exactly square to the cut, otherwise if he so place the log as to throw the bow of the log on the corner of the square cut he will not get near so much clear material from it, and in whatever degree he fails to observe and conform to these conditions, just in that degree he will fail to get the greatest amount of clear material from the log. There are but few perfectly sound logs, most of them are affected with heart crack, wind shakes or cracks from felling the trees, or rotten knot holes. After squaring the log and sawing from that side the sawyer may find a part of the defect in many of the planks, if so he should turn the log and cut from the other side, thus cutting the entire defect out in one plank and making lumber of the balance of the log. All good sawyers know this, but the most of them conclude that the time lost by so much painstaking will amount to more in the end than the loss of material from not properly placing the log on the carriage and taking advantage of the defects, but this is a great mistake, for it is safe to say that the cost of logs delivered at the mill amounts to from two-thirds to three-fourths of the whole cost of manufacturing lumber, and surely where the cost of material is so out of proportion to the cost of time, and lavor expended in its manufacture, it will pay to put all the time and labor into it he possibly can, so long as he can enhance its value by so doing. This is equally true of all kinds of manufacturers. No manufacturer expects to make his profits out of the raw materials as such, but he expects to make the profit out of the time and

labor he nuts on the material. The manufacturer who puts a pound of iron into a plow-share, only enhances its value a few cents, because he has expended but little time and labor upon it, while he may take a pound of the same iron and by expending sufficient time and labor on it, put it into hairsprings for watches and thereby enhance its value more than two thousand dollars. The sawyer or mill owner who estimates the day's work by the number of logs he has slashed up, nine times out of ten, fails to realize a legitimate profit out of the amount of raw material consumed, and I know of very many mills where the day's run is estimated in this way. To all such, my advice is, stop just where you are, and begin at the other end, count up the amount of clear merchantable lumber made in the day's run, and you are apt to find right away, that there is something wrong, it does not tally with the scale column of logs used up in a satisfactory manner, and a little further investigation shows that just here is that leakage which he has long been satisfied existed somewhere, but could never find before, and very often he finds that his leakage alone is sufficient to eat up all of the profits of the business. After all there is no time lost by the careful painstaking sawyer, for carefulness soon becomes a habit with him and extends to every part around the mill, the machinery is handled with care, and if anything gets wrong he sees it at once, stops and applies the remedy before any damage is done, and if you would count up his work, one day with another, you will find that he has done more and better work than the slasher, made more first-class lumber out of the same amount of logs, cut up as many logs, with less than half the wear and breakage in machinery.

### Black Walnut.

This very superior wood has nearly disappeared from the Western forests; but so earnest is the inquiry for it that its cultivation is becoming a matter of great desirability. To that end Daniel B. Emerson, of Beloit, Wis., has given his experience in its culture as follows: He prefers shallow planting, seven feet apart each way if planted in a field, or sixteen feet apart if planted around fences, as wire fences can be attached to the trunks without injury. Under favorable circumstaces, the trees begin to bear in about seven years. One bushel contains from four hundred to six hundred nuts, or fifteen pounds of kernels, which will yield seven and one half pounds of oil. He has trees fifteen years old which are thirty feet high and a foot through at the base. They yield ten bushels of nuts each annually, worth \$4 The leaves and the husks, when boiled, furnish liquid which will kill worms and insects on lawns, without injuring the grass.

### Agatized Wood.

In the wilds of Arizona is a place called Chalcedony Park, which may be considered one of the greatest wonders of the world. Here, thousands of years ago, were giant trees of pine, cedar and red wood. How long ago the trees fell and were covered with lava from volcanoes now extinct and moisture from the earth, which had the effect of making them hard as steel, yet clear and of the most exquisite colorings, it would be impossible to tell, yet it is supposed to be 10,000 years.

The action of the elements is all accounted for by scientific men, but those who understand little about silicification can but wonder and admire when seeing the beautiful blocks, which can be used as table tops in the place of marble and onyx, clock cases, mantels and paperweights, knowing they were once parts of the living, growing green trees.

Almost every color can be found in this chalcedony; sometimes they are spotted distinctly, again having a mottled appearance. But on ever piece the layers of the trees can be seen and at the edge the peculiar ragged look of the bark. It is supposed that the sap flowing through the tree from the top gives the color.

The wood is more than beautiful with the naked eye, but a microscope shows the wonderful cells of the bark, and also gives the amethyst and green tints and added beauty. It is said to be more durable than granite, and the strongest acids have no effect whatever on the high polish of the surface, and can only be cut by diamonds.

## HOME AND FOREIGN TRADE REVIEW.

Office of CANADA LUMBERMAN, Sept. 30th, 1889.

During the month, tradem Ontario has shown marked signs of improvement, and there is more of a hopeful feeling among dealers. Prices at Toronto remain unchanged, and the demand continues steady. The usual freight blocade on the G. T. R. continues, and there is no predicting when the railway officials will bring relief to the humberner. to the lumbermen.

Trade in the Ottawa district for the past two weeks has shown a slight improvement, with no material advance in prices, and what little advance there has been is more than neutralized by advanced freights. There seems to be a feeling prevailing that both lumber and grain freights will be higher than what they were last year. The shipping of lumber to the English market is not quite so brisk as it has been, and the ferwarders are talking about laying up their barries for the season. are talking about laying up their barges for the season.
The season's cut has been quite large so far, and the

outlook has the appearance of being the largest that has yet been turned out of the Chaudiere. Although the shipping has been lively, the cut will probably be so large that there is no doubt but the goods will be stocked much larger than last winter. The prospects for the coming winter are good, and the square turber. for the coming winter are good, and the square tumber cut will, in all probability, greatly exceed that of last year, as the demand has been brisk. The demand for cut lumber has also been good, especially for Norway

Since our last report there has been a slightly increased demand for shingles, but prices are unchanged.

Laths show a slight advance, with a fair demand. No change in basswood. Ash is firm and in demand, but there is no material change in prices.

The market at Montreal has been on the quiet order

all through the month, the bulk of the business done being of a small jobbing character, large buyers not being disposed to enter the market. The prospects are anything but flattering, contractors having but slight anticipations for this fall. Prices are nominally unchanged. It is understood that the bulk of last winter's cut of pine is still in mill men's hands, while the demand is least for the best qualities of lumber. The square is least for the best qualities of lumber. The square timber demand has somewhat improved, and hardwoods Waney pine timber have been selling at better rates than ever known before. Pine and Spruce deals are bringing good prices, and remain firm. No appearance of shrinkage in value, and market in a healthy state.

Freights have been good all season, and continue good.

The amount of spruce de its cut in this portion of the

The amount of spruce do as cut in this portion of the province have been congressive and have all there is no tendency to a shrinkage of values.

Good deal sidings have been sold chiefly to the United States, and have realized good prices. At present they are worth from \$11 to \$12 per M. feet, b. m., at the mills, and good culls \$6 to \$6.50 per M.

Within the past few days the market has been quieter, and there is no great inclination to buy at present prices. A raft of 200,000 is reported to be sold at 41c. all round. The square averages \$4 feet, and the \$6,000 all round. The square averages 54 feet, and the 80,000 feet of waney about 20½ inch. In hardwoods there is not much doing.

COMPARATIVE STATEMENT of Timber, Masts, Bowsprits, Spars, Staves, &c., measured

and Culled	to date:-		
	1887.	1888.	1889.
Waney White	·		
Pinc	1,917,908	1,612,958	3,223,252
White Pine	1,164,728	1.386,644	3,809,058
Red Pinc	590,864	525,417	628,350
Oak	716,720	915,060	1,155,989
Elm .	219,782	169,604	744,092
Ash	93,827	127,803	240,194
Basswood	535	770	2,635
Butternut	1,079	419	1,545
Tamarac	5,507	3,180	7,515
Birch and Maple	116,694	168,070	365,980
Masts and Bow-	,		
sprits			
Spars		5—pcs	33—pcs
Std. Staves	43.1.0.23		60.0.1.12
W. I. Staves .	118.4.1.10	319.2.1 26	116.0.2.29
Brl. Staves	15 0. 3 20	13.3.3.25	1 3 2 22
		S PATTON	i <b>,</b>
	_	Supervisor of	Cullers.
	~ ~	•	

Quebec, 25th Sept., 1889.

Recent transactions of ocean freights are reported as follows :-

Quebec to Greenock or Liverpool Timber, 20s., Deals, 65s.

Quebec to Liverpool or Glasgow-Timber, 26s. 6d.; Deals, 65s.

Quebec to London—Timber, 28s.; Deals, 70s. Quebec to Bristol Channel—Timber, 26s.

## FOREIGN.

The general trade at London has to a great extent been paralized in consequence of the dock strikes, and although the timber trade has been restricted, it has not suffered to any great extent Supplies of American black walnut continued to come forward freely, but there was little improvement, if any, in the quality of

the wood. The stock of satin walnut is said to be American white wood was in demand, and good steck scarce. There was a good inquiry for oak, and a fair trade doing; prices firm, with a tendency to ad-

At Liverpool trade has been fair and satisfactory, the demand having a fair proportion to the supply.

Messrs Simpson and Mason's wood circular reports

British North American goods as follows.—
PINE DEALS, &c.—Quiet market. Although the stocks are small, there is no life in this branch of the trade, and prices do not tally with import cost; 62,000 pieces realized indifferent rates at auction. Quebec pieces realized indifferent rates at auction. freights, however, are still firmer.

SPRUCE.—The price of this article has fallen, owing to the close competition with Baltic white, particularly Riga; 69,000 pieces sold by auction during the month, 14 feet 3x9 inch 2nd Quebec, realising £8 10s. to £8 15s. P. S.

TIMBER.—Birch in good demand. Prime oak commends a kink water that and the second second

TIMBER.—Birch in good demand. Prime oak commands a high price, but only in small lots. Elm fairly enquired for, if prime and fresh. Yellow pine of first class quality, of which there is only a very small stock, sells freely at satisfactory rates. Fair dock stock of most sorts of timber. most sorts of timber

Messrs. Denny, Mott and Dixon, under date of Sep-

tember 3rd report -- CANADIAN TIMBER, - Free-on-board prices both for square and waney pine preclude any hope of reductions in the c.i.f. values all this year. Rafts have lately been sold in Quebec at the highest prices obtained for many years past. The first-hand manufacturers of this class of timber are now so few, and they have actually on hand such large orders to execute, that prices must hold for the remainder of the year. Oak and elm prices are also very high, and for first-class shipments are almost certain to be maintained. It is not now expected that there will be any drop in freights for the

remainder of the season.

PITCH PINE TIMBER — Demand is slow; and, although a few special orders have made a show of briskness, trade is by no means satisfactory, the prices realized being very little more than import cost. There is still some inquiry for 12 to 13 inch logs, but small wood and short bulky logs are comparatively neglected. Stocks are abundant, and generally the market is

FIR TIMBER.—Except for the better qualities, a decided fall in values has to be recorded. Supplies have come forward freely, and stocks are in excess of

present very moderate requirements.

The Board of Trade returns for August show that the month's import of wood goods are still on the increase, and again points to an ever increasing volume of business in the timber trade. The month shows an or business in the timber trade. The month shows an increase of 39,471 loads of hewn at an increased value of £252,404. Russia, Sweden and the United States show the largest increase, whilst Germany and Canada exhibit a falling off during the month. In the supply of sawn wood the increase for the month is 205,138 loads at a value of £620,598; British North America showing the largest increase, exceeding by 84,168 loads its imports of August, 1888.

For the eight months the total increase in hewn

timber compared with last year is 279,377 loads, value £1,056,300; all countries, with the exception of Canada, contributing greatly in excess of their last year's shipments. During the same period there has been an inments. During the same period there has been an increase of sawn wood from every wood-shipping centre, of which Sweden and Norway show the largest excess, the next being Russia. The total increase over last year's supply to the date mentioned amounts to 805,838 loads of sawn, and the increase of value £2,727,102. The importation of sawn goods in August was greater than any month this year except July, when a total of 921,069 loads was reported.

## OUR TIMBER EXPORTS TO BRITAIN.

The following cargoes of Canadian wood have been reported at various United Kingkom ports since our last issue:

ABERRYSTWITH.-Hope, New Richmond, 8,772 deals and

ARERYSTWITH.—Hope, New Richmond, 8,772 deals and battens

ALLOA. Hildur, Shediac, 9,772 deals.

AVR —Jane, Quebec, 8 pcs. hewn oak, 13 pcs. N.O.E.,
617 pcs. hewn fir, 3,214 deals.

BARROW.—Sarah, Pugwash, 18,033 deals and battens,
2,898 deals, battens and ends. City of Ottawa, Quebec, 91
logs hewn elm, 827 logs hewn yellow pine, 1,767 fir deals.

BEATMARIS Alroy, Halifaa, 7,779 spruce deals, 1,494
birch deals. Frank, Richibucto, 11,244 spruce deals.

BRISTOL.—Texas, Montreal, 978 deals. Dominion,
Montreal, 1,821 deals, 250 pcs. splints.

BELFAST.—Kong Carl, Miramichi, 14,433 deals. City of
Adelaide, Miramichi, 26,236 deals, 9,600 palings. Iris,
Miramichi, 23,749 pcs. sawn fir.

CARDIFF.—Argo, Ship Harbor, 16,702 pcs. sawn fir.
Zio Battista, Newcastle, 23,644 deals. Rothesay, New Mills,
N. B. 25,000 deals. Marie, Shediac, 18,889 pcs. sawn fir.
N. S. del Boschetto, Miramichi, 19,333 fir deals. Superior,
Quebec, 210 pcs. hewn oak, 50 pcs hewn elm, 5 pcs. walnut,
1,270 pcs. hewn fir, 2,314 fir deals.

CHESTER.—Como, Richibucto, 8,341 spruce deals, 1,484
spruce boards, 1,036 spruce deal ends.

spruce boards, 1,036 spruce deal ends.

CORK.—Skibladnes, St. Thomas, 13,652 deals and ends. Venus, Miramichi, 8,244 deals, hattens and ends. Ashlow, St. John, 19,558 pcs. sawn fir. Kalos, Quebec, 33,422 deals, battens and ends. Arcturus, St. John, 20,573 deals and ends. Maritana, Quebec, 28,703 pcs. sawn fir, 5,540 ends, 600 pine deals, 125 pcs. sawn pine. Credo, Nova Scotia, 10,528 deals and ends. New Brunswick, Dalhousie, 17,676 deals and ends. Maritana, Quebec, 33 pcs. hewn oak, 41 pcs. hewn noc., 215 pcs. sawn fir, 1,595 deals. Dunlin.—City of Lincoln, St. John, 60,439 deals, 218 pcs. birch timber. Otto and Antonie, Quebec 892 yellow pine deals, 1,504 yellow pine boards, 8,942 red pine deals, 24,515 spruce deals, 2,022 spruce deal ends, 3,000 pipe staves, 72 pcs. birch timber. Marie, Bay Verte, 16,607 deals and scantlings. Comorin, Quebec, 99,091 deals and ends. Rosshire, Miramich, 59,396 deals. Echo, St. John, 13,433 deals, ends and batten.

DUNDRE.—Askur, Quebec, 30 pcs. hewn elm, 100 lds. hewn birch, 312 pcs. hewn pine, 3,661 spruce deals. Shakespeare, Quebec, 22 pcs. hewn oak, 97 pcs. hewn elm, 6 pcs. hickory, 15 pcs. hewn ash, 127 pcs. hewn birch, 396 pcs. hewn pine, 5,778 pine deals.

DUNDALK.—Belle Star, St. John, 10,178 deals, battens and ends. CORK .- Skibladnes, St. Thomas, 13,652 deals and

and ends.

FLEETWOOD.—Pedro, Miramichi, 30,352 deals, battens and boards. Frey, Shediac, 21,722 deals, boards and ends. Propitious, Quebec, 217 logs hewn fir, 49,760 deals. Alexandria, Bay Verte, 16,184 deals. Kalliope, West Bay, 32,645 deals. Jeus Nielsch, Halifax, 10,721 deals. Henry IV. Quebec, 775 logs hewn fir, 350 logs noc., 18,406 fir deals. Canuroivi, Musquash, 31,987 deals. Washington City, St. John, 58,347 deals, 8,087 boards

GALWAY.—Echo, St. John, 13,433 deals, ends and battens.

GALWAY.—Echo, St. John, 13,433 deals, ends and battens.

GLOUCESTER.—Vigo, Shediac, 18,738 deals. Alianza, Sherbrooke, 8,098 deals. Christine, Campbelltown, 8,974 deals and ends. Tabor, Shediac, 12,998 battens and ends. Lemurin, Montreal, 47,221 deals. Napoleon, Miramichi, 24,502 deals. Scotsman, Montreal, 53 pcs. hewn fir, 224 pcs. oak, 462 pcs. birch, 30,827 deals, 7,226 staves, 4 lds. elm, 42 pcs. ash, 56 pcs. walnut. West Cumberland, Montreal, 39,600 deals. Aldine, St. John's, 13,662 deals.

GLASGOW.—Siberian, Quebec and Montreal, 7,907 deals. Concordia, Montreal, 5,486 battens, 6,980 deals, 31 pcs. timber, 2,428 pcs. oak lumber. Brunel, St. John, 15,404 birch planks, 43,668 deals and ends. Fort William, Montreal, 39,841 deals and ends. Martha Reid, Portland, 172 spruce deals, 46,637 bdls. spoolwood. Nestorian, Halifax and Philadelphia, 1,680 hhd. staves, 4,366 pcs. walnut, 30-pcs. poplar. Warwick, Montreal, 3,709 battens, 2,026 deals, 1 car lumber. Gylden Love, Sheet Harbor, 7,813 deals, 748 ends. Alcides, Montreal, 7,52 pcs. oak lumber, 93 pcs. timber. Colina, Montreal, 2,730 battens, 2,370 deals, 124 pcs. oak lumber. Sarmatian, Quebec and Montreal, 11,891 deals. Circe, Montreal, 4,365 battens, 2,370 deals, 124 pcs. oak lumber. Not regian, Montreal, 2,625 sawn fir deals. Alther, Bathurst, 16,105 deals. Parejero, Montreal, 7,425 deals and deal ends 92 pcs timber. Corean, Quebec and Montreal, 8,666 deals. Tropic, Three Rivers, 33,913 pine deals, 1,769 pine ends, 1,044 pine planks, 4,504 spruce deals, 95 spruce deal ends, 50 pine deal ends. Aquila, Bathurst, 95 pruce deal ends, 50 pine deal ends. Aquila, Bathurst deals, 1,769 pine ends, 1,044 pine planks, 4,504 spruce deals, 95 spruce deal ends, 50 pine deal ends. Aquila, Bathurst,

95 spruce deal ends, 50 pine deal ends. Adulia, Bathurst, 14,510 deals, scantlings and ends.

GREENOCK.—King Cenrie, Quebec, 296 pcs. oak, 78 pcs. elm, 157 pcs. red pine, 9 pcs. whitewood, 269 pcs. waney pine, 684 pcs. square white pine, 4,157 pine deals, 3,548 square deals. Tiber, Portland, 71,290 bdls. spoolwood. Sabina, Quebec, 50 pcs. elm, 118 pcs. ash, 47 pcs. maple, 146 pcs. oak, 1,608 pcs. pine deal ends, 4,653 spruce deals, 2,000 pcs. pine states 128 pcs. oak, 274 pcs. s. w. pine 146 pcs. oak, 1,608 pcs. pine deal ends, 4,653 spruce deals, 3,000 pcs. pipe staves, 128 pcs. oak, 974 pcs. s. w. pine. Madura, Quebec, 92 pcs. ash, 310 pcs. s. w. pine, 164 pcs. waney pine, 1,761 pcs. bright pine deals, 21 bright pine ends, 1,141 pcs. spruce deals, 1,740 pcs. spruce ends, 135 pcs. rock elm, 199 pcs. oak, 182 pcs. s. w. pine, 7 pcs. waney white pine. Everest, Quebec, 164 pcs. square white pine timber, 5,701 pine deals, 3,822 pine deal ends, 972 pipe staves, 3,600 wowi. staves, 288 pcs. oak, 121 pcs. elm, 150 pcs. ash, 129 pcs. maple, 11 pcs. birch, 155 pcs. black walnut, 697 pcs. red pine, 265 pcs. white pine, 28 pcs. butternut, 25 pcs. cherry, 25 pcs. basswood, 1 pc. balm of Gilead. Elsbeth, Quebec, 179 pcs. oak timber, 301 pcs. white pine, 100 pcs. Quebec, 179 pes. oak timber, 301 pes. white pine, 100 pes. elm, 149 pes. waney timber, 20 pes. waney pine, 3,052 pine

deals, 6,147 pipe staves.

HARTLEFOOL WEST.—Columbia, Quebec, 40 lds. oak, 60 HARTLEPOOL WEST.—Columbia, Quebec, 40 lds. oak, 60 lds. elm, 25 lds. ash, 463 pcs. birch, 503 pcs. hewn fir, 6,926 deals and ends. Hero, Quebec, 107 pcs. oak, 42 pcs. elm, 195 pcs. birch, 416 pcs. hewn fir, 2,901 deals and ends. Thekla, Quebec, 169 pcs. oak, 281 pcs. elm, 51 pcs. ash, 28 pcs. hewn fir, 28 pcs. birch, 1,098 pcs. hewn fir, 7,546 deals. Valborg, Quebec, 35 pcs. oak, 40 pcs. ash, 329 pcs. birch, 327 pcs. hewn fir, 13,184 deals and ends.

LANCASTER.—Nymph, Campbelltown, 11,890 deals. Commander Solling, Richibucto, 10,416 deals and ends. Ins, Richibucto, 14,610 deals.

LLANELLY.—Ansgar, New Richmond, 1,869 pcs. sawn timber unrated, 14,495 pcs. sawn fir. St. Louis, Halifax, 9,014 pcs. sawn timber. May Queen, Richibucto, 6,582 pcs. birch, 6,144 pcs. sawn timb. Scotsman, Dalhousie, 47 pcs. fir hewn, 6,573 deals.

LIMERICK.—Dovre, Halifax, 1\*,308 deals. Eugenie,

LIMERICK.-Dovre, Halifax, 1,308 deals.

LIMERICK.—Dovre, Halifax, 1\*,300 deals. Eugenie, Quebec, 19,905 deals.

LEITH.—Wandrahm, Montreal, 30 maple logs, 3,519 deals and ends. Martin Luther, Quebec, 28 pcs. hewn oak, 31 pcs. elm, 19 pcs. maple, 191 pcs. birch, 44 pcs. pine, 469 pcs. waney pine, 3,719 pcs. sawn pine, 5,000 yellow deals, 1,032 spruce deals. Anna, Quebec, 336 pcs. hewn fir, 22 pcs. oak, 56 pcs. elm, 99 pcs. birch, 12 pcs. ash, 6,175 deals and ends. Gallina, Montreal, 14,272 pine deals.

LONDONDERRY.—Hiawatha, Miramichi, 1,286 pcs. sawn fr. 28 pcs. hewn fir, 6 pcs. hewn birch.

LONDONDERRY.—Firawatta, Miramichi, 1,200 pcs. sawn fir, 38 pcs. hewn fir, 6 pcs. hewn birch.

LONDON.—Edmondsley, Montreal, 500 stds. deals
Worth, Quebec, 500 stds. timber, 406 stds. deals, 68 stds. longitudinals, 5 mille staves. Grecian, Montreal, 11,126 pine deals. Condoren, Quebec, 32,373 deals, 5,352 deal

ends 2,512 staves. Elsic, Quebec, 41,132 spruce deals, 17,903 ends, 6,043 staves. Damara. St. John, 6,753 deals and battens; from Halifax, 1,186 pes. splints, 7,188 deals. Assyrian, Quebec, 600 cs. splints, 14,761 deals. Drumburlie, Quebec, 1,186 pes. birch, 4,105 pes. pine, 49,945 pes. spruce, 333 pes. ash, 9,108 ends, 6,000 staves, 149 pes. win. 1, 17 pes. hickory. Henriette, Quebec, 2,2385 spruce deals, 2,625 spruce deal ends. Trojan, Quebec, 2,200 ends, 36,571 spruce deals, 2,129 pine and 551 birch ends. Trojac, Three Rivers, 31,354 deals, 1,923 ends, 1,044 planks, 4,505 spruce deals, 2,525 pes. red pine. Harald Haarfagr, Quebec, 100 pes. oak, 394 pes. elm and 290 pes. pine timber, 5,983 pes. deals and ends, 6,632 deals, 3,025 staves. Bonnington, Montreal, 6,340 pine ends, 64,205 deals, 983 ends. Merchant Prince, Montreal, 32,441 deals, 9,485 deal ends. Magnum, Quebec, 981 ends, 40,415 deals, 5,529 staves. Mandialay, Montreal, 8,666 ends, 34,808 deals. Fremonn, Mon. end. 223 pes. ash, 5,200 deals. Craigallicn, Quebec, 30,680 dealis, 2,074 deal ends, Palmas, Three Rivers, 73. of rla and ends. Empress, Montreal. 2,218 deals, 822 pes. nightdinals: from Quebec, 46,702 deals. Gordon Castle, Montreal, 31,165 deals, 6,080 deal ends.

Liverpool.—Elektra, West Bay, 19,825 deals, battens, scantlings, &c. Nordstjernen, Bay Vette, 17,048 deals and battens, 55 scantlings, 866 deal ends. Amerika, Dalhousie, 12,644 deals, battens, scantlings, &c. Claudine, West Bay, 13,413 deals and battens, 1,486 scantlings, 1,702 deal ends, 3,653 boards. Marie, Campbellton, 18,625 pine deals, 1,701 pine deal ends. Clara, Northport, 14,521 deals and battens, 1,705 pes. lumber. Fred, Bay Vette, 15,587 deals and battens, 1,705 pes. waney pine, 4 pes. hickory. Euskaro, St. John, 889 stds. deals, 23/4 stds. ends. Aeronaut, St. John, 13,554 stds. deals, 23/4 stds. ends. Aeronaut, St. John, 13,554 stds. deals, 23/2 stds. ends. Aeronaut, St. John, 53,54 stds. deals, 23/2 stds. ends, 619 pes. waney pine, 7,92 edal ends. John, 13,493 deals, 1,230

spoolwood. Lake Nepigon, Montreal, 281 bills, pickets, 6,394 boards, 6.666 2 m. deals. Nordcap, Pictou, 996 pcs. birch timber, 425 deals, 1,180 deal ends, 6,408 spruce deals. Albion, Pugwash, 22,909, deals and battens, 1,374 deal ends. Zeus, Pugwash, 16,176 deals and battens, 1,374 deal ends. Capenhurst, Miramichi, 21,426 fir deals and endends. Capenhurst, Miramichi, 21,426 fir deals and ends, 7,000 fir palings. Harmonie, Northport, 20,957 deals and battens, 740 pcs. scantilings, 1,716 deal ends. Helene, Campbellton, 1,009 'lirch planks, ends, &c., 15,736 deal ends, 1,118 pine deals. Daventry, Miramichi, 98,980 deals, boards and scantilings. Mondego, Quebec, 13,946 pine and 1,708 r. p. deals, 4,378 p. deal ends, 23,210 spruce deals, 1,312 spruce deal ends, 104 pcs. wancy pine. Elginshire, Miramichi, 72,627 deals, scantilings, boards and ends. Purtoriqueno, Quebec, 146 pcs. hickory, 610 pcs. w p. timber, 6,379 spruce deals, 3,923 birch deals, 961 pcs. spruce, 600 pcs. pine, 1,531 birch deal ends, 1,031 w p. scantlings, 60 fancy boards, 43 pcs. square w pine, 70 pcs. ach, 924 pcs. birch. Bentala, Quebec, 69,510 spruce deals (34 in dispute), 23,056 deals (38 in dispute), 3,028 deal ends, 3,146 pcs. pine, 4,694 pine boards, 1,852 spruce deal ends, 3,146 pcs. pine, 4,694 pine boards, 1,852 spruce deal ends, 3,146 pcs. pine, 4,694 pine boards, 1,852 spruce deal ends, 3,146 pcs. pine, 4,694 pine boards, 1,852 spruce deal ends, 3,191 pcs. wancy white pine boards, 1,852 spruce deal ends, 3,191 pcs. wancy white pine, 1,012 pnne deals, 7,10 pine deals, 11,497 spruce planks, 3,607 spruce deal ends. Gleniffer, Montreal, 30,960 deals and deal ends, 10,773 boards. Castellano, %t. Johns, N. F., 58,166 deal ends, 235 boards and scantlings. Emiliano, Quebec, 21 pcs. oak, 196 pcs. ash, 627 pcs. birch, 42,158 deals, 111 pcs. hickory. Vancouver, Montreal, 16,795 deals. Harmonie, Bay Verte, 15,990 deals and battens, 1,041 ends, 1,724 scantlings. C'n Grant, Quebec, 679 pcs. suns ple, 197 pcs. solar, 30 pcs. birch, and 2,747 pcs. birc

St John, 14,602 spruce deals, 117 spruce scantlings, 2,147 spruce deal ends, 5,064 pcs, birth timber, 1,064 deal ends. Nystad, Dalhouste, 1,300 birch planks, 11,210 pcs, sawn lumber. Oregon, Montreal, 740 boards, 16,000 deals and ends, 5,203 deals. Circassian, Montreal, 2,200 pine deals, 4,170 deals, from Quebec, 48, cs, splints, Panama, Citatham, 56,422 deals, 6c,037,207 palings, Lake Winnipeg, Montreal, 1,356 deals, 5,602 boards. Paristan, Mo.itreal, 7,051 deals, from Quebec, 59 cs, spools. Toronto, Montreal, 1,356 deals, 65,38 deals and ends, 15,481 boards. Norden, Chatham, 14,507 boards, 1802 ends, 6432 deals. Florida, Parrisboro, 13,022 deals, 1738 scantlings, 1622 deal ends. Norden, Chatham, 14,507 boards, 18,300 deals and battens, 2001 deal ends. Kong Oscar, Bay Verte, 13,477 deals, 750 scantlings, 554 deal ends. Vancouver, Quebec, 685 pcs, waney white pine, 104 pcs, birch, 3135 spruce deals, 135 pcs, 0ak, 71 pcs, ash, 20,22 pine deals, 706 pine and 1291 spruce deal ends. Thornhill, Quebec, 50 pcs, waney and 132 pcs square white pine, 50 pcs elm, 101 pcs, white and 201 pcs, waney pine, 1,713 pine deal ends, 7660 pine deals.

Maryport,—Onso, Bay Verte, 709 ids, timber.

Montrose,—Magdalene, Quebec, 400 pcs, hewn fir, 16, pcs, elm, 5 pcs, ash, 70 pcs, blirch, 22 pcs 0ak, 507 fir deals.

Newfort,—Dea, Pugwash, 20,50 deals, battens and ends. Belle Vue, Quebec, 152 oak logs, 40 olin logs, 95 birch 10gs, 57 pcs, hewn eld, 16, pcs, elm, 1710 deals, boards, scantlings and ends. Sea Queen, Pugwash, 20,104 deals, deal ends, battens and deal ends. Newfort,—Alscar, Quebec, 24,000 deals and ends, 20,516 pcs, sawn fir,

Queen, Pugwasii, 29,104 attais;
NBWRY,—Alscar, Quebec, 24,909 deals and ends, 20,516 pcs. sawn fir.
PLYNOUTH.—Bothnia, Quebec, 646 pcs. sawn fir.
SWANSHA—Young Eagle, Oak Bay 9,716 pcs. sawn birch, 7,443 pcs. sawn fir. Ensign, Oak Bay, 5728 pcs. sawn birch, 6645 pcs. sawn fir. Marim, Halitax, 13,444 spruce deals and scantlings, 1252 deal ends, 3,015 pcs. sawn birch.
SUNDBHAND.—Austerlitz, Quebec, 08 pcs. hewn ash, 191 pcs. hewn elm. 101 pcs. hewn birch, 446 pcs. hewn oak, 699 pcs. hewn itr, 480 pcs. fir deals. Freia, Quebec, 184 pcs. hewn oak, 111 pcs. hewnelm, 718 pcs. hewn fir, 2268 pcs. fir deals. Anna, Quebec, 70 pcs. hewn elm, 29 'pcs hewn birch, 76 pcs. pine, 1035 pcs. yellow plne, 2,000 deals and deal ends.
SUNO.—Marget, Sault-au-Cohon, 12,894 fir deals, Tyne, Octavia, Quebec, 1429 pcs. timber, 3,032 sawn deals, Osman, Quebec, 255 lds. deals, 592 lds. white plne.
Troon.—Lyna, Quebec, 32 pcs. hewn oak, 53 pcs. hewn pitch pine, 85 pcs. hewn fr, 2056 fir deals, 1189 deal ends. Concordia, Dalhousie, 9625 deals and ends.



TORONTO, Sept. 20th, 1889.

Tenders will be received up to and including the 21st day of October next for the right to cut the timber on "Sandy Island," in Lake Nipissing, tenders to state the amount the party making tender is willing to pay as bonus for the right to cut the timber, the timber to be subject to Crown dues of \$i\$\* per thousand feet, board measure and to be cut under existing regulations or such regulations as may be established with respect to the Jutting of timber on lands of the Crown

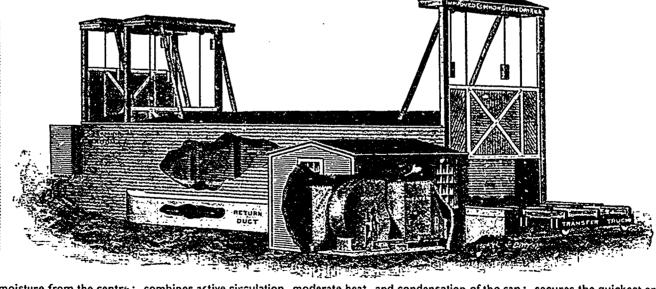
The Department does not bind itself to accept the highest or any tender.

tender.

ARTHUR S. HARDY,
Commissioner,
For further particulars and general information respecting the
above, parties may apply to this department or to Hr. J. D.
Cockburn, Crown Land Agen\*, Sturgeon Falls.

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SAW, PLANING, SHINGLE AND SAWING MACHINES, ENGINES BOILERS, &c.

The special attention of lumbermen is directed to the accompanying illustration of With all the Latest Improvements, and udoubted to the second the best machine in the market.

PRICE LIST: Shingle Machine \$300.00; Drag Saw complete \$90.00; Jointer \$40; Knot Saw Machine, \$27

LONGFORD MILLS, ONT., Nov. 24th, 1888.

ROBERT BRAMMER, Orillia.

Deer Sir — The two Shingle Machinea we got from you are deing good work. They are the best machines we have ever had anything to do with. They are both fast and do good work and gree every satisfaction. We have no hesitation in recommending your machines to any person in want of a good shingle machine. Yours truly, The Longford Lumber Co.. Wm. Thomson, Pres.

To Whom it may Concern —This is to certify that I consider Mr. Braunmer's make of shingle Machines has no superior. I have used the first one he made of the kind called the "Clipper!" and several more since. The firm of Heath, Tait & Turnbull, of Huntsville, recently sawed in one day of eleven hours, one hundred and three and a half thousand with two of the machines, and the average during the season has been over seventy-two thousand per day.

A. TAIT.

the average during the season has been over seventy-two thousand per day.

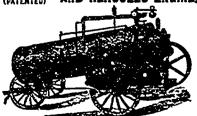
A. TAIT.

ORILLIA, Nov. 7th, 1859.

To Whom it may concern—I purchased of R. Brammer his latest improved patent Clippe Shingle Machine, and have great pleasure in bearing testimony to its vast capacity and durability and I have no hesitation in stating that it is the best machine I have ever worked, or have ever sect.

Thos. B Tait, Gravenhurst.

THE MONARCH BOILER (PATENTED) AND HERCULES ENGINE



Portable from 6 to 70 horse power. Surpass ortable ateam power heretofore produced for tength, durability, compactness, and the case with which they can be moved. The 70 horse power can botaken over the roughstroeds, or into the forest, and set up as easily nd quickly as an ordinary 20 horse power portable engine, and as firm as a brick-set stationary ngine. Enginesand bollersof every size and description. Rotary Saw Mills, Shingle and Lath ischinery and supplies of every description, very boiler insured against explosion by the biller insurance & Inspection Co. of Canada. Into for circulars.

A. ROBB & SONS. I Amberes Founder and

ROBB & SONS, | Amberst Foundry and Amberst, N.S. | Machine works. | ESTABLISHED OVER 40 YEARS.

ERTABLISHED 1871.

# J. W. LANG & CO. Wholesale Grocers & Importers

33, Front St. East, Toronto.

We shall be pleased to have you write to us for samples and frices of

TEAS, TOBACCOS. SUGARS, SYRUIS, RICE, Etc.

We can and will cut prices fine to large buyers.

GOOD, SOUND, FINE FLAVOURED TEA at 1234 cents.

Write for sample chest. Address,

J. W. LANG

TOEONTO.

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PRINTING CO.

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SUMMER TOURS. PALACE STEAMERS. LOW RATES

DETROIT, MACKINAC ISLAND Pelockey, Sault Sta Marie, and Iake Huron Way Ports,

ETETY Work Day Botween
DETROIT AND CLEVELAND
Special Senday Trips Garlag Jans, July, August and Sopt.

Double Daily Line Between CHICAGO AND ST. JOSEPH, MICH.

OUR ILLUSTRATED PAMPHLETS
Rates and Evernion Tichots will be familiated
by your Ticket Agent, or address
E. B. WHITCOMB, G. P. A., Darmort, Mick.,
Setroit and Cloreland Steam Naw Og.

# TRADE REVIEW.

$T_{\alpha}$	TON	to	On	1

Toronto, Ont.			
Toronto,	Sept.	30th,	1889
CAR OF CARGO LOTS			

CAR OR CARGO LOIS		
18 and thicker clear picks, American inspection	833 000	<b>£35 00</b>
ix and thicker, three uppers, American aspection		10 00
132 and thicker, pickings, American inspection		30 00
IXIO & 12 dressing and better	20 00	22 00
1210 & 12 mill tup	15 00	16 00
IXIO & I2 dressing	16 00	18 00
(XIO & 12 COMMON	12 00	13 00
TXIO & 12 Spruce culls	10 00	11 00
Ixio & 12 mill culls	9 50	10 00
1 Inch clear and picks	27 00	23 00
I Inch developmend better	13 00	20 00
z inch dressing and better		
1 inch siding mill run	14 00	15 00
I inch siding common	13 00	1300
z inch siding ship culls	10 00	11 00
r inch siding mill culls	950	10 00
Cull scantling	8 šo	900
Cull scantling	22 30	35 JG
I fach strips 4in to 8in mill run	14 00	15 00
z inch strips, common	11 00	12 00
iX inch flooring	14 00	15 00
r & inch flooring	14 00	15 00
XXX shingles, 16 in	2 20	2 30
XX shingles, 16 in		1 30
Tath No t	1 70	190
Lath, No.1	. , •	170
114.4		- /0
YARD QUOTATIONS.		
Beill aud baarde Xvecantling@to on Dressing stocks	16 006	~~ ~~

710. 2	•••••	· · · · · · · · · · · · · · · · · · ·	- /-
	VAUD OU	DTATIONS.	
			_
Mill cull boards & sca	intling£to co	Dressing stocks 16 o	രമാര
Chinaing cull haved	t Dro-	Picks Am. inspection	20 20
Subbitue care porte	3, bio-	These warmen Am inspection	
miscuous widins	12 00	Three uppers, Am. inspec	. 40 00
sto	:ks 13 ∞	B. M.	
Scantling & joist, up	*****	le!/.in Haarina dracidat a	0 30 00
Committee for the state of the	18 ft 14 00	132 " " tough 18 o	200
4. 4.		1½ " rough 18 o 1½ " dres'd 23 o " undres'd " dres'd 16 o " " undres'd	2000
11 41	2011 15 00	172 23 0	2,00
	22 17 10 00	unares a	14 W
· • • •	24 (t 17 ∞	" " dres'd 16 o	o 20 00
4. 44	25 ft 18 00	" " undres'd 12 0	0 11 0
66 66	28 ft 10 00	Beaded sheeting, dress-	
**	2011 19 00	Descending areas	
	30 11 20 00	ed	ာ ဘာတ
., .,	32 11 21 00	Clapboarding, dres'd	12 50
** **	uft i	XXX sawn shingles	
		per M 27	5 2.00
	2/6	Sawn Lath	
••		24%u ratii	2 25
	33 11 27 ∞	Red 0ak 20 0	2500
** 401	10 LL (t 30 00	Basswood, No. 1 & 2 18 0	ာ သွာ်တ
Cutting un blanks :	% and	Basswood, No. 1 & 2 18 or	2000
Abialan a day	GT 00 05 00	Cherry, No. 1 & 2 50 0	66.66
inicker dry	2500 2000	Girtis, 110.1 & 2 30 &	
" board	1200 2000	White 29h, 1 & 2 25 c	ာ 3၁၀၀
		Black ash. i & 2 zo o	25 00
		<del></del>	

### Hamilton, Ont.

		HAMILTON, Sept. 30th, 1	889.			
Mill cull boards and		IDressing stocks \$1600	28 co			
scantlings \$ 9 col	Rio∞	Dressing stocks. \$1600	18 oo			
Shipping cull boards		135 flooring, rough 16 00	1S 00			
promiscuous widths. 1000	12 ∞	13% flooring, dressed	25 00			
Shipping cull stocks.			32 ∞			
Scantling and joist up			23 ∞			
to 16 feet	14 ∞	Beaded sheeting 1 25 00	3ŏ∞			
do up to 18 feet			34∞			
do up to 20 feet			4C 00			
do up to 22 feet		XXX sawn shingles 260	270			
do up to 24 feet	1δ ∞	Sawn Lath	2 25			
do up to 26 feet	19 ∞		25 co			
do up to 25 feet			30 00			
do up to 30 feet			ಞ∞			
Cutting up plank 14		Cherry No. 1 & 2 60 00	70 ∞			
and thicker dry 20 00	25 ∞		30 ∞			
Cutting up boards	2000	Black Ash No. 1 4 2, 20 00	:5 ∞			

## Montreal, Que.

MONTREAL Sept. 20th, 1880. MONTREAL, Sept. 25th. 1839.

At the present date the lumber trade in this city is in a fairly satisfactory condition, and with the close of the holiday season the prospects are that business will greatly revire.

There is not much being done in cargo lots at present, but prices are fully up to the average, and are likely to continue so.

The retail yards have been busy nearly all summer. Prices for all kinds of lumber continue much the same as usual, perhaps with a tendency to firmness. Following are the wholesale and retail prices which are about as near correct as they can be made:

	MHOTE	esalr.	RET	AIL.
Pine, 1st quality	\$30 ∞€		\$33 ∞€	335 ∞
* 2nd	ဘေထ	22 00	23 ∞	25 00
and shipping Culls	13 ∞	14 00	74 ∞	15 ∞
" 4th quality Deals	11 00	11 50	11 50	12 00
Sprace	900	9 50	-	10 00
Hemlock	7 75	\$ óo	8 ჯა	9 00
Ash, log run	12 00	14 ∞	14 ∞	16 00
Basswood, log run	12 00	14 00	14 00	16 00
0ak	30 €	35 ∞	35 00	40 00
Walnut (common)	အ တ	40 00	35 00	50 00
•• (good)	တ် တ	కుయ	79 80	80 80
Butternut	20 00	25 co	25 00	35 00
Cherry	50 00	60 03	60 00	70 œ
Birch	13 ∞	15 00	15 00	20 00
Maple	13 co	<b>≆</b> ∞	23 88	25 80
Inth 1st chality	1 35	1 40	1 40	1 50
Pine Stingles, 1st quality	2 66	2 75	2 86	3 8
Pine Shingles, 1st quality	1 50	7 75	1 75	2 8
		//	- /3	

ST. JOHN, Sept. 30th, 1889.

Journ John John (1909)
Deals, Boards, Scantling, etc.
Spruce deals
Spruce, extra
Pine, extra
6 inNo. 1 12 002 in No. 1 12 00 " No. 2 10 00 " No. 2 10 00 Miscellaneous.
Staves 3 008 4 50   Laths 1 50   Heading 17 in. per pr.

Ottawa, Ont.
OTTAWA, Sept. 30th, 1889. There has been no noticeable changes in prices this season, except in a few of the higher grades which have advanced about 5 per cent. Ahead of last season's prices. The freights by rail and barge to local points are a little cheaper than last season. The export and ocean freights are high, and considerable more so than than the earlier part last year. Shipping, however, has not been very good, and in fact the American bottoms have been reaping a harvest during the summer

met acat maring and administ				
Pine, 1st qual., 37 M.\$35 006	340 00;Oak		\$40 00€	ĝt∞ co
" 2nd " 22 00	25 oo Walnut			100 00
" shipping culls 14 00	16 00 Cherry		. რი თ	80 00
" 4th qual. deals 10 00			22 00	40 00
	to oolBirch		15 00	25 ∞
Spruce, & M 10 00			ဆိုတ	2 ( ∞
Hemlock 9 00	17 co Daths .		. 180	1 90
Ash 1300	18 00 Shingles.		1 50	300
Bass	20 00 ' ceda	r	. 150	3∞
_				

## Saginaw, Mich.

Saginaw, Mich.

Saginaw, Sept. 30th, 1889.

The cargo market is devoid of interesting features and there is a continued complaint of duliness. Norway bill stuff is held here at \$3.50 to \$9.00 for ordinary lengths, while it is claimed that on the fluron shore long bill stuff has sold at \$3 to \$3.50. Yard dealers report trade better than in August, but not sufficiently active to cause special comment.

CARGU LOTS.

244412	aro co
Common 16 00 21 00 Box 11 00	11 KO
Common 16 00 21 00 Box 11 00 Shipping Culls 9 00 11 00 Straight measure 12 50 Hemlock 7 50	20 00
Mill Culfs Hemlack 7 50	× 00
	0 00
YARD QUOTATIONS CAR LOTS DRY.	
Drop Siding.	
Clear, 1/4 in 40 00@46 00 C, 1/4 in A	30 ∞
A	19 00
B 36 col	•
Finishing Lumber rough.	
Three uppers, 1 in	222 00
The state of the s	س مرر

2007130 av

Finishing Lumber rough.  Three uppers, i in. @45 co Fine common, i in 25 1% &1% 2 in 44 co . 46 co . 1% & 2 in  Selects, i in	∞ਉ32 ∞ 33 ∞ 20 ∞
Joist, Scantling and Timber.  12 to 18 feet 10 00 22 feet	12 00 13 00

a sent with sitted	ni er menes ande of exter.
Lath, Sh	ingles and Pickets.
Lath, No. 1 white pine	2 oo Country brands XXX 3 25@ 3 3
" No.2 " Norway	1 sol Clear butts 2 25 2 3
Shingles, river brands	1 50 Clear butts 2 25 2 3 P'kts, 2 to 2½ in rough 12 00 15 00
XXX	3 251Dressed
Clear butts 2 40	2 501 % in. square, dressed 15 00 19 or

## New York City.

New York Sept 30th, 1889.

Walnut is unpopular and slow of sale. In ash good width stock is wanted, and 16-foot lengths are especially desirable. Plain oak for home use is only fairly saleable. Export stock is somewhat active. The poplar market is dormant. The log market is dull and listless, as it is uncertain to take chances on promiscuous shipments. Black Walnut.

24 to 311 clear \$22 coff, 33 col. file 1 frich \$31 30 ft 30 co
I and I strinches 93 00 95 00 Utilis, thick 25 00 35 00
114 and thicker 100 00 105 colCounter tops, 18 in.
Rejects 50 00 52 000 and over 110 00 100 00
Poplar, or White Wood.
3/2 in. 10 inches and   11 inch. 3 in. and over 30 00 31 00
over 24 20@26 00216 and thicker 33 50 34 50
1/2 in. coffin boards 29 00 30 00 Common 1 to 2 inch 23 00 24 00
z inch, zo inch and Saps, z inch & thicker 2500 27 00
over 31 50 32 50 Culls, all thickness 16 00 17 50
Ash.

rinch, white 30 0069 33 005 trips, clear 25 0069 27 00
1 1 1 to 2 inch 3 00 77 col Black 2 sh. good 26 20 20 20 20
21/2 to 4 inch 40 00 41 00 Black 25h, culls 10 00 12 00
Oak.
I inch plain sawed. 35 00@ 38 odi inches and over 48 00@ 50 00
11/2 to 2 inch 35 00 39 00 1 hicker 51 00 52 00
Thicker 20 00 41 colStrips under 6 in 33 co. 42 co.
Quarter-sawed, white, all clear, 6 Demension cut size 23 00 25 00
Cherry
Hin. white e clear 65 cos 70 coi; Land thicker 90 costs co 1 inch
1 inch strips 43 00 45 00 and over
Miscellaneous.
Chestnut, clear 33 008 35 00 Hickory, old growth 50 00 55 00

274 10 2 44111	~ ~	of ademinating the microticity to m	200
	Л	Aiscellaneous.	
01	63	as autifalian all man al a	
		35 coffickery, old growth 50 co	55 0
Chestnut common		22 co Hickery, and growth of co	70 0
Basswood white		32 co Elm 20 co	22 0
Basswood common		23 cojSycamore 2. co	27 0
Maple, clear		32 co/Sycamore quartered 35 co	40 0
Birch, clear	32 ∞	35 00 Gum	40 0
Birch, 15 and 25	≕⇔	30 co Butternut 45 co	₹0 0
Cottonwood	21 00	22 coSycamore dressed fig 24 co	25 0
			•
		<del></del>	

## Buffalo and Tonawanda, N. Y.

Trade has undergone no change worthy of note Lake arrivals are good, and both lake and rail rates continue at the opening figures in the spring. Stocks are fairly proportioned, with a scarcity of good quality of thick timber. In shingles there is a steady demand and lath moves freely.

Clear, I to 2 in all

1401-22	
Clear, I to 2 in. all IC	ommon, 1 to 2 in. all
width 23 00	widths 12 (off 15 a)
Dressing, 1 to 2 in, all	4. 5x5, 6x6 turning 2200
widths 16 00日20 00は	14. 5x5. 6x6 common 16 00
White Pi	
Up'rs, I to 4 in. Ioin\$45 00@55 00 Sl'cts & Picks,	0. 5 cuts. 1 to 2 in
10 in \$45 00f255 00	and thicker \$20 00ff24 00
Sl'cts & Picks.	ressing, 1 to 2 in., 22 oo 27 oo
1 to 4 in 35 00 45 00 C	ommon, 1 to 2 in 14 00 17 00
rine common, i to 2	a. I harn that the in 18 on the co.
in, and thicker 33 oo 30 oo'N	0. 2 barn. 7 to 12 in 16 to 17 to
No. 1 cuts, 1 to 2 in	lill calls I to zin o oo to oo
in, and thicker 33 00 39 00 No. 1 cuts, 1 to 2 in and thicker 27 00 39 00	700 1000
Mold etrine tto	

### Oswego, N. Y.

Oswego,	
· C	DSWEGO, Sept. 30th, 1889.
ml	en acon acon gang trays
Three uppers, 1½, 1½ & 2 inch	
No routing up all all Stein	
No a gutting up, 131, 173 to 210	
in etclar to Study selected for m	coulding string 14
I ill strips, 4 to 6 wide, sciected for il	
to 16 ftx6 selected for clapboards	
the selected for clapbonies	34 00 34 00
Siding	•
I in siding, cutting up 11% piks & uppers 30 00@30 001% 1 in dressing 19 00@21 001% I in No. I culls 14 00@16 001%	in selected 35 00 @42 00
piks & uppers 30 00f030 0011%	In dressing 17 00 19 00
1 In dressing 19 00@21 00/1%	in No. 1 cults 15 00 10 00
I in No. I culls 14 00@16 00 134	In No. 2 culls 13 00 14 00
r in No. 2 culis 13 00 (314 00)	•
ixia Inci	<b>አ</b> .
12 & 16 ft, mill run	20 00 23 00
10 & 16 ft. No. 1 & 2, barn boards	18 00 19 00
12 & 16 ft, dressing and better	
12 & 16 ft. No 2 Culls	26 00 30 00
ixio Inc	h.
12 & 13 ft. mill run, mill culls out	20 00 21 00
12 & 11ft, dressing and better	25 00 27 00
12 & 13 ft, dressing and better 12 & 13 ft, No 1 culls	. 16 00 17 00
12 & 11ft. No 2 culls	14 00 15 00
12 & 13 ft, No 2 culls	20 00 23 00
14 to 16 it. dressing and belief	
14 to 16ft. No. I culls	
14 to 16 ft. No. 2 culls	14 00 15 00
i i-exio Inc	her
Mill run, mill culls out 20 00@23 00 No.	1 culls 16 00@17 00
Dressing and better 25 00 30 00 No.	2 culls 14 00 15 00
ist Inche	r.
Mill run, mill culls out 17 00@1900 No.	
Dressing and better. 2300 27 00 No.	1 chils 13 00@1400
ixs Inch.	2 Cull3 11 00 1200
67 or 8, mill run, mill 6, 7	or & No. 1 culls 15 00@16 00
culls out 19 00@21 006, 7	or 8, No. 2 Cuits 13 00 14 00
6, 7 or 8, drsg & better 24 00 25 00	
Shingles	·
XXX, 18 in pine 350@ 380 XX	
Clear butts, pine, 18 in. 2 50 2 8 Cle	ar butt, 18 in cedar., 2 20 265
XXX, 16 in pine 3 15 3 30 XX	, 18 in cedar 2 10 240
Stocks cedars, 5 or 6 in. 5 25	,
Pickets.	
No. 1, 11/x11/ 15 00 No.	2, 1%3 9 00 10 00
No. 1, 133 20 00	
Lath.	
No. 1. 11 1 90 No.	2 1 1.4
No. 1 -4 150	
- 134	
	<del></del>

## Boston, Mass.

BOSTON, Sept. 30th. 1889. Among the exporters business is very lively, especially in the line of white pine, although there is a demand for hardwoods, such as plain oak, ash and walnut. Spruce is in good demand and prices are firm. Hemlock of all kinds is in rather quiet request, with prices holding about as usual. Southern pine is in good demand. Poplar is in plentiful supply. Shingles are in steady demand and prices steady. Lath go slowly.

Western Pine—by car load.

	250 ∞ Fine com 3 & 4 in	
15, 15 & 2 in 50 00	52 co No 2, 1 in. Fine com.	28 00 30 00
3 & 4 in 55 ∞	60 00 1%, 1% & z in	29 00 31 00
Selects, I in 42 00	43 00 No. 1 Strips, 4 to 6 in	40 00 43 00
1 15 15 & zin 43 on	45 00 No 2	33 00 37 00
3 & 4 in 45 00	50 001 No. 3	2400 2000
Moulding boards ato	Cut upe I to 2 m	24 00 20 00
it inch clear 36 00	38 00 Coffin boards	19 00 22 00
60 per cent clear 34 00	36 00 Common all widths .	15 50 25 00
Fine common 1 inch 35 00	38 co Coffin boards 36 co Common all widths . 35 co Shipping culls	15 00 10 50
11, 11/2 & 2 inch 33 00	40 00	

## Eastern Pine-Cargo or Car Load.

ı	Nos. 1, 2 & 3 40 00 843 00 Clapboards, 4 ft., sap	
i	4 28 00 30 00 clear 40 00 45	00
l	5 23 00 25 00 Sap, 2nd clear 33 00 35	00
ì	Ship'g bds & coarse 16 00 16 50 Heart extra 50 00 55	00
į	l Refuse 12 02 13 50l Heart clear 45 00 50	00
	West're pine clapbds Bevel siding No. 1. 22 00 23	00
ı	West'rr pine clapbds  4 ft. sap extra 45 00 50 00 Bevel siding No. 1. 22 00 23	6
ì	Spruce—by Cargo.	,,,
l		
ļ	Scantling and plank, [Coarse, rough 10 00 11	30
ı	random carroes 13 ookta kollemiock bds rough 10 oo - 11	œ
ı	Yard orders, ordin-   " " dressed 12 00 12	Ç0
i	i ary sizes 14 15 00 Clapbds., extra, 4 ft. 34	∞
ı	Yard orders, extra   Clear, 4 ft 30	∞
l	sizes	
		00
١	No.2 16 00 17 00	
ł	Lath.	
l	l C \	.,
1	Spruce by cargo	45
l	Shingles.	
1	Spruce 1 25@r 5qCedar, sawed, extra 3 25 3	, <b>5</b> 0
ı	Pine, 18 in. extra 4 00 4 25 Clear 3 00	
	Dina No	

## Pine, No. 1 . . . . . 3 00 3 15 Extra, No. 1 . . . 2 50 (Cypress, No. 1, 18 in. 5 00 Good cherry boards are wanted badly. Common and cull cherry is abundant.

### Burlington, Vt.

BURLINGTON, Sept. 30th, 1880.

1	l powering to with 1000 in 100
1	Canada Pine Sidings-1x8 in. and up, 12 to roft Da or 4 S.
i	Select & shelving \$40 of Finish \$7 oof 35 oo Pickings
1	Pickings 37 co Dressing 27 co (225 co
1	Pickings & better 40 00 42 00 Common 20 00 321 00
Ì	\
١	Selects (clear)
į	1st shelving
	181 shelving
	30 30 00 gg 00 Common 21 00
1	Pickings 35 00. Canada Pine Stock -1x13 in. 12 to 16 ft. D 2 or 4 S.
i	Conduct Fine Signa—1210 in 1210 in 12. D 207 & S.  Colorte (class)
	Selects (clear)   57 ool Pickings & better   400
	20
	3d
ı	Pickings
ı	Canada Pine Stock-14 in. 12 to 16 ft. D 2 or 2 S.
ì	Pickings & better . 45 003d shelving 33 00 As ran, common out
	As run, common out 33 00 Common 22 00
1	Caroda Pine Short Bosrds—128 in. & up, 11 fl. & under, D 2 S
i	$\sigma R$
ł	Pickings & better 33 00835 00 Dressing & common, d
ł	As run, common out 30 00 23 or d23 & m 20 00 821 00
1	Canada Pine Sheathing, D. M. & B-1 in. 4 to 7 in. 5 in. & up
Ì	CB3(in.
ı	the second that the second free consideration are set as a second free consideration are set as

Let quality, 12 to 16 ft. 46 ooist & 2d quality, 9 to 11 ft. 33 oo

2d . 36 ooist & 2d quality, 9 to 11 ft. 34 oo

3d . 37 ooist ooi 7 & 3 ft. 34 oo

3d . 27 ooist quality, 11 ft. & under 22 oo

4th (selected common) 22 ooi 4th 16 to 16 in. D 2 S and M.

Clear, 10 to 16 ft . 32 ooist 2 to 15 ft. 15 ooist 6

No. 1 22 ooi

Above prices delivered on a rate of \$30 per car load.

(LIMITED.)

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THE RATHBUN COMP'Y. DESERONTO, ONT.,

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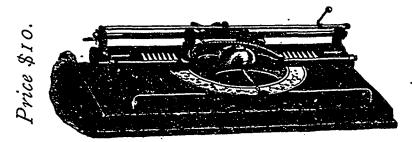
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PARTICULARLY adapted for Dams, Smoke Stacks, Foundations, Culverts, Cisterns, Cellars, etc.

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For Building, Plastering, Gas Purifying, Paper Making, &c.



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THE TYPEWRITER IMPROVEMENT CO., 4 P. O. Sqr., Boston, Mass.

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H. CHUBB & CO., St. John, N. B

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AGENTS FOR CANADA. MONTREAL, QUE

Pine

Hemlock Bill Stuff Lath

WHOLESALE

Birch Black Ash BasswoodShingles

DEALER AND MANUFACTURER 

Proprietor of Kinmount Mills

Head Office: LINDSAY, ONT

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J. K. POST & Co.,

LUMBER MERCHANTS

And Shipping Agents.

OSWEGO, N. Y.

The third page of the Toronto Dail. Mail is noted for "Want" advertisement. If you want to buy or sell anything. If you want a situation a mechanic, a business, machinery, lodgings, if you have lost or found anything, or if you want to find out where anyone is, advertise in the Toronto Daily Mail, and read the advertisements on the third page of that paper. The charge is two cents a word each insertion. Address The Mail, Toronto, Canada.

If you want to buy or sell a Fatm, advertise in the the Toronto Weekly Mail. That paper reaches 100,000 farmers' homes every week, and your advertisement should meet the eye of someone who wants to purchase. Advertisements of this class are are inserted in the Toronto Weekly Mail for Fivo Cents a word each insertion, or Twenty Cents a word for five insertion. Address The Mail Toronto, Canada.

lligator Chisel-Bit Saws the Champion Stave, Heading and Shingle Machines. Ice Tools and Mill Supplies.

OHIO.

### WANTED AND FOR SALE

Announcements in this department will be inserted at the uniform rate of litteen cents per line, each issue, payable in advance. For four or more consecutive insertions of the same advertisement a discount of twenty-live per cent. will be allowed. Eight words of ordinary longth should be counted as one line. Copy must reach this office by the 25th of the month to secure the appearance of 2the advertisement in the paper of the following month.

ENGINES FOR SALE AT A BARGAIN.
One 25-horse power and one 35-horse power with boiler; both, nearly new; adapted for saw or grist mill use. Money to loan to purchaser, secured. J. A. CULL, Port Perry, Ont.

SAW MILL FOR SALE—NEAR GOOD-WOOD—with or without buildings—or would take good sawyer as partner. Address, JOHN DRUMMER, Blackwater.

SAW MILL FOR SALE-DOING LARGE Jumber business-in County Bruce; also, grist mill site; fine water power. W. WHITE & COMPANY, Business Brokers, Toronto.

BOSS AUTOMATIC SHINGLE MACHINE by Turner & Burns, London; also six-knife jointer, only used two weeks; equal to new; cheap. F. DRAKF.

A UTOMATIC SHINGLE MACHINE WITH two horizontal saws; guaranteed good as new; cheap for cash. F. J. DRAKE. Belleville.

FOR SALE—SAW MILL—CAPACITY FROM ten to twelve M. per day; in good running order, with shingle and lath mills; also dwelling-house, store-house and stable; situated on Lake Huron, at the mouth of Sauble river, in County Bruce; any amount of good timber convenient; a splendid opportunity for a practical man. For further particulars address GEORGE QUIGGIN, Sauble Falls, P. O., North Bruce.

VALUABLE SAW MILL PROPERTY FOR VALUABLE SAW MILL PROPERTY FOR Sale-almost new: in good running order: Township of Tilbury East, Kent County: district well timbered, elm, maple, etc.; purchaser may secure 500 acres of timbered land or the timber thereon: price of mill and three acres, \$3.000. Apply to J. G. STEWART. Fletcher P. O.

SAW MILL FOR SALE—VERY CHEAP best of its size in the country. JAS. HUX-TABLE, Hornings Mills, Ont.

FOR SALE-FOR 81.600-NEW STEAM saw and shingle mill — with first-class machinery—worth \$2.500; grand opening for experienced man; satisfactory reasons given for selling, Apply Box 22, Keldon P. O., Ont.

PLANING MILL AND LUMBER BUSINESS
for sale—Western town—plant and machinery in good condition: splendid chance for practical man to secure well-established paying business; terms tavorable. W. WHITE & CO., Business Brokers, Toronto.

WANTED TO PURCHASE—PINE TIMBER
Imit of twenty to thirty million feet: must
be good quality of timber, easy accessible to
water or rail, and must stand close inspection as
to quantity and be well worth the price asked.
Address Packet Urillia Office.

# MACHINERY FOR SALE

- 1. Circular Saw Mill (heavy) with steam feed, 3 head blocks, to cut thirty fect.
- 2. Circular Saw Mill (heavy) with rope feed, 2 head blocks, to cut twenty feet.
- Lanc's Patent Lever Set Circular Mill, No. 1, to cut 25ft.
  - 4. Two Law's Shingle Machines.
- 5. One Iron Pulley 5ft x 16in face.
- 6. One Iron Pulley 4st, 2in x 151/2in face.
  - One Iron Pulley 8ft x 14in face.
- 8. 52in Leffel water wheel, made by Jos. Hall Co'y, good as new.
- 9. 30 1/2 in Leffel water wheel, made by Jos. Hall Co'y. G. order.
- 10. 14in Little Giant water wheel, made by J. C. Wilson & Co. Good order.
- 11. Wood Shaper (heavy) iron frame; wood top, two spindles and counter shaft; in good order.
- 12. Iron Planer, 28in x 28in x 8ft. Good order.
- 13. Iron Turning Lathe 28in x 14ft bed. Good order.
- 14. Iron Turning Lathe, rod feed, 8ft bed x 12in. Good order.
- 15. Iron Turning Lathe 15in x 8ft bed, screw feed; fair order.
- 16. Heavy Iron Boring Lathe 42in in gap x 8st bed. Good order.
- 17. Boit Gutter, cuts from 35 to 1in; in fair order.

# Paxton, Tate & Co.

PORT PERRY, ONT.

# Manufacturers' Life

# and Accident

Insurance Companies.

HEAD OFFICE.

83 King Street West. Toronto.

Sir John A. Macdonald, President. Geo. Gooderham Vice-Presidents J. L. Kerr, Secretary and Treasurer A. H. Gilbert, Supt. Agencies.



Combined Authorized Capital, \$3,000,000 00

- Subscribed
- 739,700 00

Combined new bus ness for 1888, 9,575;525 00

Combined new business for 1889 to June 1st, about \$3,000,000.

A FEW GOOD AGENTS WANTED APPLY TO

Geo. A. Morrison

District Manager,

PETERBOROUGH.

# LUMBER

 $\mathsf{TRUCK} * \mathsf{WHEELS}.$ 

# The Montreal

Car Wheel Co.

MANUFACTURERS OF

CHARCOAL IRON CHILLED

# WHEELS

Offices: New York Life Insurance Building, Montreal.

Works: Lachine, Quebec.

WE make a Specialty of Wheels suitable for the requirements of Lumbermen and Street Car Service, and can supply them Bored, Finished and Balanced.

# MACHINERY FOR SALE

List of SAW MILL MACHINERY for sale by H. W. PETRIE, Brantford and Toronto.

SAWMILL outfit, Waterous direct action at a bargain.

SEVERAL second hand saw rigs, two, three and four block.

A fine 66 inch inserted tooth saw also 52 inch do.

ONE new eclipse saw mill with all late improve

ONE saw Gummer, Disston make, Philadelphia.

ONE set hoop machines, American make.

Canadian agent for the celebrated Winne hoop machinery, catalogue free

ONE drag saw rig. Waterous Engine Company

ONE hub turning lathe, American build.

ONE automatic handle lathe

ONE broom handle lathe with wood frame, cheap

BROOM handle lathe, Lockport N. V. make.

ONE set of spoke machinery, Fay & Co., make ONE Goldie & McCulloch stave cutter, set equalizing saws &c.

ONE guage lathe, Bailey make.

ONE Blanchard spoke lathe, Fay & Co. make.

ONE new axe handle lathe.

ONE lot Ewart chain belt, good as new with sprocket wheels.

4 pole road cars, also a number of lumber cars. ONE self feed lath machine, Waterous make.

NEW gang lath machine.

ONE Fairbanks timber guage.

ONE saw mill head block, Galt make.

HEADING turner, Goldie & McCulloch make

ONE single edger with frame work.

NO. 2 large size smallwood shingle machine.

DOUBLE edger, Waterous Engine Co. build. ONE Drake's patent selffeeding parallel shingle edger.

DOUBLE block shingle machine, Pierce make

TWO Hall self acting shingle machines, Goldie & McCulloch makers.

TWO Smallwood shingle machines, Waterous make.

FOUR Laws patent upright swing shingle ma-

ONE Doherty swing shingle machine.

DRAG saw machine, Goldie & McCulloch.

TWO new shingle packers, all iron.

SHINGLE jointers, 3, 4 and 6 knives.

ONE new No. 3 Rogers saw filer and gummer. Send for full description of any machine in above list, H. W. PETRIE Brantford and Toronto.



THIS YEAR'S

## TOBACCO SMOKING

FINER THAN EVER.

Sec





# Sovereign Grease

ST, CATHARINES, July 20th, 1889.

To whomit may concern—

I have been using Soverign Greash for the past two months, and I can say that it has given me entire satisfaction, and is a saving of 60 per cent, over Oil, and is that much better than Oil. I have been running eight (8) ti.,, on St, Catharines to Montreal and return on to ibs Greash, and using it on my crank-pin as well as all other bearings.

Yours respectfully.

(Signed.) SAM BRISBIN,

Engineer Ocean."

OTTAWA, Aug. 5th, 1889.
THE STOCK OIL & GREASE CO.
GENTS, -We have used the Soverriem Grease for some time, and do not hesitate to pronounce it a first-class lubricator, and as such has given us entire satisfaction as to its durability and cheapness.

Truly yours, ARTHUR JONES, Foreman of Union Mach

DESCHENES MILLS, Aug. 12th, 1889.
MESSRS. McDOUGAL & CAZNER, Oltawa:
DEAR Sirs,—We have been using the Stock Oil
& Grease Co.'s Soverries Grease in our saw
mills since spring, with very satisfactory results.
Yours truly,
R. & W. CONROY.

STOCK OIL & OREASE CO., Montreal:
DEAR SIRS.—Please send us per first freight
boat, two hundred (200) pounds of GREASE, same
as sample left by you here a short time ago.
Yours truly,
W. C. EDWARDS & CO.

AGENTS.
F. G. STRICKLAND & CO., New Westminster.-B. C.
DOUGAL & CAZNER, Ottawa, Can.
CHINIC HARDWARE CO., Quebec, P. Q.
DUNLOP & CHAPMAM, Pembroke, Ont.

# STOCK OIL & GREASE CO'Y

SOLE MANUFACTURERS

59 Common St., Montreal

GRATEFUL-COMFORTING.

# pps's COCOA.

BREAKFAST,

BREAKFAST,

"By a thorough knowledge of the natural laws which govern the operations of digestion and nutrition, and by a careful application of the fine properties, of the well-selected Cocca, Mr. Epps has provided our breakfast tables with a delicately flavored beverage, which may save us many heavy doctors' bills. It is by the judicious use of such articles of diet that a constitution may be gradually fed up until strong enough to resist every tendency to disease. Hundreds of subtle maladies are floating around us ready to attack wherever there is a weak point. We may escape many a fatal shaft by keeping ourselves well fortified with pure blood and a properly nourished frame."—Civil Service Gazette.

Made simply with boiling water or milk. Sold only in packets, by Grocers, labelled thus:

JAS. EPPS & CO., Homeopathic Chemista, London, England.

# Jas. Sheppard & Son.

WINTER SAWING, Ship's Decking, Bill Timber, Dressed

Lumber, Mouldings, Etc. MILLS. SOREL, QUE.



Department of Crown Lands
Torontro, Sept. 26, 1889.
A quantity of pine timber in the vicinity of
Whitefish Lake, in the District of Thunder Bay,
having been damaged by fire, the Department,
desiring that the same may be cut and utilized,
hereby calls for tenders for the right to cut the
said pine. Tenders will be received up to and including the

21st DAY OF OCTOBER

ext, and must state the rate per thousand teet, board measure, the party making the tender is willing to pay.

The timber must be cut during the present fell or coming winter, and the cutting of the same will be supervised by an agent of the Department, who will point out the localities where the damaged timber stands, and generally oversee the damaged timber stands, and generally oversee the dependence with existing regulations, or such regulations as may be established with respect to the cutting of timber on lands of the Crown.

The Department does not bind itself to accept the highest or any tender.

ARTHUR S. HARDY,

ARTHUR S. HARDY,

Commissioner.

IN BRONZE

For further particulars and general information respecting the above, parties may apply to this department or to Mr. Hugh Munree, Crown Timber Agent, Pert Arthur.

# umber Making. Economical

### ->>>mmmmmmmcommmmmmmm

HE great advance in value of timber lands and the supply receding from the mills and markets tend yearly to increase the cost of logs delivered at the mills and thus to reduce profits unless the price of lumber is increased or cost of production diminished.

To lessen the cost of production the circular mill has been driven to its utmost capacity to produce large quantities in the least time and consequently least cost of wages per thousand

To stand the strain of extra feed the thickness of saw and kerf has been increased, sending millions of feet into the burners or under the boilers, the loss being unnoticed as long as logs held out to scale.

Thin circulars did not remedy this, as they won't stand up under a sufficiently heavy feed to pay and the result is more spoilt lumber than is saved by thin gang.

Heretofore the gang was the only recourse, but even it has been put in the race for speed with heavy saws, cutting nearly a quarter inch kerf, and while the cutting of stock lumber on a gang is a good practice in itself, it fails to save the best lumber—the "uppers" cut off the best part of the log by the circular with its extra waste in saw kerf.

To remedy this waste the "Band Mill" is the coming machine. to it dating back to 1836. of its limited use. eliminated the latter trouble. TOUS ENCINE WORKS CO BRANTFORD ONT

This is no new fact, as this mill has been before the public for many years-patents in regard

The expense of the machine and the supposed great trouble and expense in operating it from the mystery thrown around the treatment of the Band Saw by so-called experts has been the great cause

The diffusion of the knowledge among a wider circle of users and the increased attention given by practical saw makers to the making of Band Saws in a practically perfect manner has gradually

# OUR NEW PATENT ECONOMICAL BAND SAW.

This is a strong, rigid but light machine which brings the Band Saw as much within the reach of all parties cutting lumber as the old-time circular.

THE FRAME consists of two triangular castings connected by four steel columns.

THE WHEELS are solid cast iron, perfectly balanced and made with bearings inside the wheel-face, bringing the strain on them in place of on the shaft.

THE UPPER WHEEL SHAFT is carried in a triangular frame throwing the main strain on centre column in a straight line with foundation plate and top and bottom bearings.

CROSS-LINE MOVEMENT is provided to both wheels After the saw is on and strained the lower shaft may be strained by saw out o' line. We have arranged a vertical and horizontal movement to this shaft, independent of the frame, to enable it to be brought back to a perfect line after the saw is strained. The upper wheel can also be tipped with a hand wheel within reach of sawyer either forward or back so as to keep the saw strained tight on its cutting edge, or keep it in any desired position on the wheels. This cross-line movement enables sawyer to adjust the mill to the saw, rather than the saw to the mill.

of screw and gear and tension; is held on saw by spring and also by very sensitively fulcrumed combined levers and weight, the whole strain coming in a direct line with centre of foundation plates.

THE GUIDE consists of wooded blocks, adjustable and readily removable. The upper guide is raised and lowered by power actuated by lever in reach of sawyer. The outer arm of guide throws up in changing saws.

THE FEED is worked by face plate and friction disc operated by rack and pinion; the feed can thus be instantly varied at the will of the sawyer. The gigging back motion is operated by bevel friction and is strong and quick.

OFFSET TO CARRIAGE. We offset the carriage as it gigs back by a simple automatic device which acts instantly the carriage is reversed. If desired, however, to back out of a cut straight the offset can be stopped or controlled by a lever. This device works to perfection and does away with the viberation caused by deflecting the saw which does not readily subside, and is the means of frequent injury to saws.

THE CARRIAGE can be of any size to suit the diameter and length of logs to be cut. The one shown in operation consists of the three head blocks of Girder steel with adjustable rack, throwing out at pleasure and permitting the adjustment of each knee independently of the other to a crooked lock or to cut taper stuff.

ROPE FEED. The rope feed is exceedingly effective and simple, the rope being in all positions in a straight line and the old-fashioned winding barrel is done

THE SAW we use is 8" wide and 38 feet long, 15 guage.

The following table will show mill men, at a glance by comparison, how the Band Mill touches their pocket. It shows the saving on logs sawed to inch boards with the 36" saw kerf of the band saw to exact sizes with 12 feet logs.

Diameter of Log in Inches.. Waterous Band Saw Scale.. Scribner's Scale..... DIAMETER OF LOG IN INCHES. 44", 46", 48". Waterous Band Saw Scale......1,306, 1.426, 1.554. 1.426,

Doyles' Scale.....,1,200, 1,323, 1,452. NUMBER OF MEN required to run the band mill is the same as a circular mill, but it will be found economical to have a man in the filing room to take care of the saws and have them always sharp and ready to go on, and as on the excellence of the work put upon the care of the saw depends very much the quality and quantity of the output. This mill can be placed in any mill same as a circular saw, or circular can be taken out and band mill put in its place. For further particulars address,

Scribner's Scale......, 1,110,

# ENGINE \* WORKS \* CO. \* LTD.

BRANTFORD, ONTARIO

# TO MILL OWNERS, MANUFACTURERS

AND ALL WHO ARE USING

YOU WANT BELTING

Which will Run Straight on the Pulleys, Which is Thoroughly Well Stretched, Which will not Tear at the Lace Holes, Which will give Complete Satisfaction,

- SEND TO --

# F.E. DIXON & CO.

MANUFACTURERS OF

PATENT LAP-JOINT STAR RIVET \*LEATHER \*BELTING\*

70 King Street East, Toronto.

Sole Agents in Canada for the

# CELEBRATED PHŒNIX OIL

The Only Pefect Belt Dressing.

All our Belting is sold at the Canadian price list. Please compare before purchasing. Send for Discounts and our Pamphlet on Belting.

# ST. CATHARINES SAW

R. H. Smith Company, Ltd.

<u>@F4@F4@F4@4F@</u>

Finest

Material

Most

Even

Temper 6146146146146

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The

**Best** 

in the

World

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Our Circular Saws are Unequalled Our Cross-Cut Saws are Unexcelled

And our Hand Rip and Butcher Saws

FULLY EQUAL TO ANY MADE ON THE CONTINENT.

OUR SPECIALTIES.

THE "SIMONDS" CIRCULAR SAW THE "LEADER" CROSS-CUT SAW
THE "LAWSON" BUTCHER SAW THE "LEADER" HAND SAW

THE LARGEST SAW PACTORY IN THE DOMINION.

SMITH CO. LTD. CATHARINES, ONT.

SEND FOR CATALOGUE.

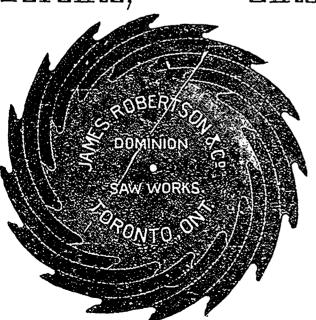
# JAS. ROBERTSON & CO. JAMES ROBERTSON

253 to 267 King Street West,

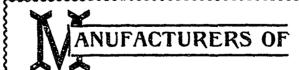
Toronto,

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EVERY SAW FULLY WARRANTED. Prices on Application.





Circular, Shingle, Gang. Cross Cut, Concave, Mulay, Drag, Grooving.

# Thuker's Royal ANTI-FRICTION\*BABBIT\*METAL.

Importers and Dealers in

Band Saws, **Emery Wheels** Saw Sets, Saw Swages, Rubber Belting, Iron Pipe. Saw Gummers. Leather Belting. Files, &c.

