



DEVOTED TO THE LUMBER AND TIMBER INTERESTS OF THE DOMINION.

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PETERBOROUGH, Ont., JAN. 1, 1885.

KEND CARROLL's planing mill, at Thornbury, Ont., was burned December 3rd; loss, \$2,500.

MESSRS. Campbell & Co., lumber merchants of Lachute, near Montreal, have assigned, with liabilities of \$60,000, and assets of \$50,000.

FOUR thousand feet of lumber is already on the ground for the crib work of the breakwater at Fort William.

P. NESTOR is constructing a boom of large capacity on Rainy river, Rat Portage district, Ont., for W. J. MacCauley.

PARTIES returning from the woods at Bay City, Mich., report that hands in the camps are receiving \$7 a month.

C. B. FIELD will put 25,000,000 feet of logs into Houghton Lake, Mich., and M. Loughray will put in four million over the same logging railroad.

A WESTON & SON lost 500,000 feet of lumber, December 2nd, from the barge Wells, while on its way from their mills at Waikanae, Mich., to Tonawanda, N. Y.

THE boiler in Plummer's planing mill at Jackson, Mich., blew up December 19th, instantly killing Albert Keyport, a mill hand, and severely injuring six others.

WAGES of men in the woods of the Chippewa, Wis., district show a diminution in favor of married men, single men receiving from \$12 to \$15 a month, and married men from \$15 to \$20.

THE tie trade is lively at Pound, Wis., on the line of the Milwaukee & Northern railroad, on account of the demand coming from the railroad company.

SPLINTED shingle belts are being delivered at West Branch, Ogemaw county, Mich., for \$1.25 per cord. Five cents a piece for posts is paid by the railroad company.

A NUMBER of lumber shanties are in operation along the Kaministiquia, and men for the bush are in demand at Port Arthur.—Winnipeg Times.

A DESPATCH from St. Johnsbury, Vt., on Dec. 22nd says:—A foot of snow fell yesterday. This will start the lumber business and give many idle men employment.

A LOCAL authority estimates that the shrinkage of values has caused a loss to Muskegon lumbermen this year of over \$500,000, and wages to wage workers of \$200,000.

COMPLAINTS of there being too much snow in the woods are scarce so far this year. In some swamps, however, the water had not frozen over deep enough before the snow fell, and it makes work difficult.

THE Hon. Perry Hannah, of Traverse City, Mich., gives it as his opinion that the input of logs this season throughout Michigan will be but about 50 per cent of that of last year. He says that the supply of men in the Traverse region is greatly in excess of the demand, though a small army is employed in getting out rock elm timber for shipbuilding purposes, there being abundance of this timber in that part of Michigan.

AMONGST other work which is being carried on in the Wm. Hamilton Manufacturing Co's foundry, Peterborough, is a boiler of stupendous size, for the steamer Maganetawan, owned by the Georgian Bay Lumber Company. The boiler has been in course of construction for some time and is now assuming a natural form. The construction of the boiler is under the superintendence of the foreman of the boiler making department, Mr. Richard Reeves, a man of thorough practical knowledge and high reputation. It is nine feet in diameter, consequently twenty eight feet in circumference. It is twelve feet long and made throughout of the finest dolzel steel. It has 147 smoke tubes and when completed will stand a pressure of 100 pounds to the square inch. This monster boiler is one of the largest of the kind ever turned out of any shop in Ontario, and is larger than any other turned out of this foundry. Its total weight, when completed, will be twenty-two thousand pounds.

FORESTRY IN SOUTH AUSTRALIA.

Professor Brown, of the Ontario Experimental Farm, sends us the following notes on "Forestry in South Australia," where his brother is Government Conservator:

The Forest Department has been in existence for eight years, during which time there have been 150,366 acres enclosed or reserved, and dedicated to forest purposes. Of this extent not more than 30 per cent is under indigenous timber. The total revenue from grazing rents, timber licenses to cut, etc., since establishment, amounts to \$223,580. Against this is a total sum of \$233,615 expended upon the reserve during the same period; showing that although the works executed by the department have been of a reproductive and permanent character they have only cost the Government an actual cash disbursement of \$10,000. Some 744,000 trees have been planted and are doing well; over 500,000 indigenous saplings in the open forest have been pruned and otherwise trained into the line of your timber trees. Some 100,000 young trees have come up and been established in the enclosures set apart for the reservation of the forests by natural regeneration, so that the department has to be credited with the fact of having added no less than 344,000 trees to the property of the country. From trees raised in the nurseries and given away gratuitously to corporations, district councils, farmers, and others, it is estimated that not less than 200,000 have succeeded. There are six fully equipped nurseries belonging to the department which are capable of raising 1,000,000 young trees annually.

Rupture Cured

Permanently or no pay. Our new and sure cure method of treating ruptures, without the knife, enables us to guarantee a cure. Treatise can be thrown away at last. Send two letter stamps for reference, pamphlet and terms. World's Dispensary Medical Association, Buffalo, N. Y.

LIST OF PATENTS.

The following list of patents upon improvements in wood-working machinery, granted by the United States Patent office, Dec. 9, 1884, is specially reported to the CANADIAN LUMBERMAN by Franklin H. Hough, solicitor of American and foreign patents, No. 617 Seventh St., Washington, D. C.:

- 308,982.—Clutch, friction—W. D. Brock, Milwaukee, Wis.
308,924.—Lathe—R. L. Peabody, Waltham, Mass.
309,103.—Log loader—F. F. Schofield, Ascona, Mich.
309,036.—Saw mill, portable—A. J. Huber, Columbus Grove, Ohio.
308,893.—Saw swage—D. B. Hanson, St. Louis, Mo.
309,021.—Timber, machine for framing—W. J. Bloy, Silver King, Arizona, Tex.
PATENTS ISSUED DEC. 16.
309,313.—Auger handle—W. A. Pock, Rowe, Mass.
309,288.—Chuck lathe—G. Birkman, New York, N. Y.
309,206.—Chuck lathe—A. F. Cushman, Hartford, Conn.
309,388.—Saw handle—H. W. Hawkin, jr., Brooklyn, N. Y.
309,448.—Saw, pruning—H. G. Emons, Ogden, New York.
309,341.—Stave dressing machine—G. J. Fritz, St. Louis, Mo.
PATENTS ISSUED DEC. 23.
309,578.—Poles, machine for bending carriage—A. G. Snyder, Piqua, Ohio.
309,550.—Saw—J. Ledward, Westerly, R. I.
309,646.—Saw—J. L. Purple, Oswego, N. Y.
309,763.—Saw filing machine—D. Chambers, Quebec, Canada.
309,533 & 309,534.—Saw tooth swage—J. E. Emerson, Beaver Falls, Pa.

LIVERPOOL.

The Timber Trades Journal of Dec. 13th says:—The statistics published as customary at the end of the month are given at the end of this communication, and, as the termination of the import season is virtually over, although it is not accepted by the trade as actually closed until the close of January next, it will be of some interest to those whose business leads them to the study of the figures, which are an indispensable guide to the probable future course of the market.

The total consumption during the past month shows a very great reduction as compared with that of November last year, and those figures speak with greater force of the general and widespread depression of trade in this district than any verbal report could do.

The diminution in the consumption of Quebec square and waney board pine is very noticeable, and goes to prove in some degree how steadily it is being thrust out of the market by the better qualities of hewn and sawn pitch pine timber, such as is used for ordinary building and joinery purposes. At the same time we must not lose sight of the fact that this wood in common with nearly all others has failed to

meet with the usual amount of attention, not withstanding the low prices at which it is selling; for in spite of the low rates of freight the prices now current for the coming season's arrivals are such as to leave no margin of profit for those engaged in the business.

Spruce deals are heavy in stock, but there is still a fair demand, so that, large as the quantity may appear, there is every probability of an advance being made even upon that shown at the last public sales here, and this probability is strengthened by the fact that towards the close of the season a considerable amount of anxiety to secure cargoes for outports was displayed by those who a few weeks ago were cool or indifferent for any proposals for business. Birch timber is very light in stock, and it would now seem that those who bought in this market recently, although at a considerable advance upon previous rates, exercised sound judgment, as there is, from advices abroad, no great quantity available for future supply.

BOARD OF TRADE RETURNS.

The following are the returns issued by the Board of Trade, for the month of Nov. 1884, and first 11 months of the year:

MONTH ENDED 30TH NOV. 1884.

	Quantity.	Value.
	Loads.	£.
Timber (Hewn).		
Russia.....	11,108	15,705
Sweden and Norway.....	40,761	59,601
Germany.....	10,817	40,934
United States.....	3,825	19,408
British India.....	1,602	21,218
British North America.....	19,185	80,671
Other Countries.....	31,199	31,686
Total.....	124,557	269,161

Timber (Sawn or Split, Planed or Dressed).

Russia.....	80,939	153,057
Sweden and Norway.....	135,475	290,421
British North America.....	69,462	171,567
Other Countries.....	7,609	27,855
Total.....	293,545	647,400

Staves, (all sizes).....	11,166	59,541
Mahogany (tons).....	4,018	33,057
Total of Hewn and Sawn.....	418,102	961,561

ELEVEN MONTHS ENDED 30TH NOV. 1884.

Timber (Hewn).		
Russia.....	226,071	419,272
Sweden and Norway.....	682,327	800,192
Germany.....	261,947	939,937
United States.....	154,732	576,719
British India.....	35,353	512,063
British North America.....	222,505	971,957
Other Countries.....	339,094	509,939
Total.....	1,872,069	4,499,124

Timber (Sawn or Split, Planed or Dressed).

Russia.....	1,075,247	2,300,006
Sweden and Norway.....	1,551,533	3,311,668
British North America.....	945,571	2,240,829
Other Countries.....	348,005	1,066,023
Total.....	3,919,356	8,919,523

Staves (all sizes).....	127,795	509,963
Mahogany (tons).....	54,473	509,503
Total of Hewn and Sawn.....	5,787,445	13,413,402

THE Gainesville, Ga., match factory is paying about 30 per cent on its investment, and turning out 5,000,000 matches a day.

LIVERPOOL STOCKS.

We take from the Timber Trades Journal the following Comparative Table showing Stock of Timber and Deals in Liverpool on Dec. 1st, 1883 and 1884, and also the Consumption for the month of Nov. 1883 and 1884:—

	Stock, Dec. 1st, 1883.	Stock, Dec. 1st, 1884.	Consumption for the month of Nov. 1884.	Consumption for the month of Nov. 1883.
Quebec Square Pine.....	315,000 ft.	464,000 ft.	114,000 ft.	241,000 ft.
Waney Board.....	425,000 "	402,000 "	8,000 "	43,000 "
St. John Pine.....	25,000 "	46,000 "	12,000 "	8,000 "
Other Ports Pine.....	76,000 "	94,000 "	3,000 "	31,000 "
Red Pine.....	57,000 "	47,000 "	16,000 "	50,000 "
Pitch Pine, hewn.....	502,000 "	508,000 "	201,000 "	201,000 "
Sawn.....	305,000 "	508,000 "	4,000 "	28,000 "
Planks.....	51,000 "	68,000 "	10,000 "	7,000 "
Dantzig, &c., Fir.....	56,000 "	116,000 "	7,000 "	15,000 "
Sweden and Norway Fir.....	63,000 "	120,000 "	32,000 "	63,000 "
Oak, Canadian and American.....	217,000 "	324,000 "	71,000 "	71,000 "
Planks.....	177,000 "	173,000 "	0,000 "	0,000 "
Baltic.....	2,000 "	21,000 "	16,000 "	15,000 "
Elm.....	22,000 "	17,000 "	3,000 "	1,000 "
Ash.....	41,000 "	28,000 "	26,000 "	80,000 "
Birch.....	64,000 "	121,000 "	37,000 "	2,000 "
East India Teak.....	33,000 "	37,000 "	3,000 "	14,000 "
Greenheart.....	77,000 "	112,000 "	23,942 stds.	3,042 stds.
N. B. & N. S. Spruce Deals.....	27,574 stds.	7,210 "	6,727 stds.	4,008 "
Quebec Pine & Spruce Deals.....	1,020 "	9,240 "	779 "	1,003 "
Baltic Red Deals, &c.....	7,553 "	5,205 "	89 "	23 "
Baltic Boards.....	3,896 "	263 "	764 "	303 "
prepared Flooring.....	61 "	3,000 "		