

Chips.

MESSRS. FLEWELLING shipped from St. John, N. B., a large lot of matches to the West Indies per the *Itchesay*, which sailed on Saturday, November 12th.

MERRITT CHANDLER has sold to Thompson Smith, in the Cheboygan, Mich., district, the standing timber on 8,000 acres of land, the consideration being \$33,000.

THE tow-boat *George Washington*, said to be the oldest on the Hudson River, has just been examined and licensed for another year. It was built in 1830 of live oak and cedar.

THE receipts at Albany, up to October 23, were 62,000,000 feet in excess of 1880, and it is expected that at least 70,000,000 feet more will arrive. The demand is reported firm.

EVERY dam owned by the Black River Flooding Association, Wis., was wrecked by the recent floods, and an assessment of \$10,000 was lately levied on the stockholders to make the necessary repairs.

THERE will be a great deal of lumbering on the Restigouche and Metapedia rivers and their tributaries this winter. A great many more people are putting in teams than last year. Scows loaded with provisions and camp equipments are towed up stream daily.

THE *Mail* states that a vessel laden with lumber left Toronto on Nov. 10th, bound for Porto Rico, where she will get a return cargo of sugar. Hitherto lumber for the West Indies has been, with the exception of a few cargoes, from Montreal, shipped from New York.

THERE is a jam of 12 miles of logs at Sand Creek, and an 8 mile jam at Newaygo, with one mile more at the Flats. There are fully 100,000,000 feet of logs in the booms here. In order to cut all these floating giants of the forest this season it will be necessary for all the mills to run night and day.

MESSRS. R. P. & W. F. STARR are loading the brig *Sarah Wallace*, now at the railway wharf, at St. John, N.B., with a large assorted cargo for Bermuda. The cargo includes onion ends and slats, tomato ends and slats, a lot of boards and about 40 cords of soft wood for firewood—all from Messrs. Flewelling, of Hampton.

THE *Montreal Gazette* says hemlock bark is quoted in this market at from \$7 to \$7.50 per cord, latest sales being reported by the car load at within that range of prices. Canadian bark has advanced one dollar per cord in the Boston market to \$12.50. Freight have also advanced \$9 per car from our bark districts to Salem, Mass., being now \$52@53 per car. The farmers in Salem are manifesting considerable dissatisfaction over the advance.

AN improved machine for grinding wood for paper pulp has been patented by Mr. Nicolaus Kraiser, of Grollingen, Switzerland. The invention consists in a grinding stone mounted on a suitable shaft and surrounded by a casing, with a series of boxes on the sides for containing the blocks of wood, which are pressed against the sides of the stone by a rack and pinion actuated by a weight, or by springs or hydraulic pressure, whereby the block of wood is converted into a wood pulp.

THE North Hastings *Review* says that the rush to the shanties commenced on Monday. During the day a large number of waggon loads of men and outfits left this village, and the same evening five large loads of Rathbun's men arrived here on their way back. It is said that more men are going to the woods this season than for some years past. One reason is probably on account of the destructive fires which prevailed last fall, rendering it necessary to secure the timber on the burnt limits without delay.

THE Duluth *Lake Superior News* says J. S. Taylor & Sons are commencing preparations for logging on a large scale this winter. They have had a force all summer at their Stewart River camps, and will add to this crew enough men to get out some 3,000,000 feet, they hope, this winter. They have been at heavy expense in opening roads, building camps, etc., but now that such work is done, they can log to better advantage than last winter. Their logs now on Stewart River, some 500,000 to 700,000 feet, they will leave until next spring on account of the lateness of the season.

NORTHERN MINNESOTA'S PINE TIMBER.

Lumbermen are beginning to turn their attention to the splendid pine timber resources of Northern Minnesota, and it is safe to predict that it will not be many years before the northern portion of the North Star State—now almost a trackless forest—will be dotted with saw mills which will pour their products into the Red River Valley and Manitoba over the two lines of railway that are now certain to be constructed through the region referred to—on the one by the Northern Pacific Railway Company, from Brainerd, on the Mississippi River, to Emerson, and on the other from Duluth, also to terminate at this point. The splendid pine timber lands in the vicinity of Red Lake, being an Indian Reservation, still remain intact, but attention is being turned to the Government lands along Rainy River, the boundary line between Minnesota and Keewatin. A number of Duluth lumbermen have formed two companies, known respectively as "The Rainy River Log Running and Improvement Company," and the "Rainy River Boom Company." The incorporators are, in each case, John Maguire, S. R. Wentworth, D. E. Little, P. M. Graff, E. D. Graff, and J. R. Cook. The object of the first is to "improve for navigation and running of logs and timber the Little Fork, Big Fork and Rainy Rivers." The object of the second is to "construct, maintain, operate and keep in reasonable repair good and sufficient boom or booms at or near the mouth of Rainy River, for the purpose of collecting, receiving and securing any and all logs or timber that may be floated or driven down the Rainy River." The capital stock of the "Rainy River Log Running and Improvement Co." is fixed at \$30,000, and of the "Rainy River Boom Co." at \$25,000. There is the same board of directors in both companies, viz., John Maguire, D. E. Little and John R. Cook.—*Emerson International.*

The Fuel of the Future.

The *National Gazette* makes the following announcement in regard to the use of petroleum as fuel:—We shall soon be able to announce a wonderful stride in the mechanical appliances for using liquid fuel for generating steam in both marine and land boilers. The matter is in the hands of practical men, who will soon demonstrate they can make from twenty-eight to thirty gallons of crude petroleum, costing from eighty-five to ninety cents, do the work of a ton of coal, costing from \$4 to \$4.25, without dirt or smoke, and when, as in the case of a large steamer carrying from forty to forty-five men in the fire room, one man in each will be abundantly able to keep up a uniform pressure of steam at all times. Liquid fuel is the intervening step between coal and electricity, which will, in due season, furnish motion for the world.

West Indian Trade.

The schooner *Guelph* is loading lumber at the N.R.R. wharf in Toronto, for the West Indies, where she will obtain return freights of sugar and molasses for Halifax or St. Lawrence ports during the winter. The shippers of the lumber, Messrs. Musson & Morrow, of Toronto, hope that by next summer she may return to Canadian lake ports with West Indian products. This experimental cargo of say 220,000 feet to Porto Rico is a venture the result of which will be looked for with interest. It exhibits enterprise, at least, and much may depend upon the successful or unsuccessful issue of this effort to introduce the islands of the Gulf of Mexico to the islands of the Western lakes direct, through the medium of their products. *Monetary Times.*

Wooden Dish.

The Wooden Dish factory is a new and extensive industry just started at Indianapolis, Ind. Not many years ago persons would have laughed at the idea of wooden dishes, but they have become a necessity. They are cut from the sycamore or the gum tree by most ingenious machinery, which will cut and trim 200,000 dishes a day; other machines shape and fasten the cups together. Fifteen of these are employed, each of which can turn out 10,000 daily. The wood is, of course steamed, so as to be readily worked and moulded.—*N. Y. Observer.*

D. S. BRIGGS,
9 TORONTO STREET, TORONTO.
WHOLESALE DEALER IN
Clear, Pickings, Common and Hardwood
Lumber, Lath, Shingles, &c.
BILL STUFF CUT TO ORDER.

J. K. POST & CO.
LUMBER MERCHANTS

And Shipping Agents.

OSWEGO, N. Y.

J. & F. N. TENNANT

Dealers in all kinds of

Lumber, Lath & Shingles,

Office, Union Loan Building,

Toronto Street, Toronto.

S. S. MUTTON & Co.,
Wholesale Lumber Dealers
TORONTO.

We have for Sale a large quantity of PINE, OAK, WHITEWOOD, ASH, CHESTNUT, CHERRY, BUTTERNUT, BASSWOOD, &c.
COPES.—A SET OF THE MACHINERY FOR SALE, CHEAP—OR EXCHANGE FOR LUMBER.

A. L. UNDERWOOD

WHOLESALE DEALER IN

White Pine, Basswood & Hardwood,

82 King Street East,

TORONTO, ONT.

FOR SALE.

The Dexter & Whitwam Manufacturing Company, offer for Sale the Entire

Real Estate Plant and Machinery

OF THEIR EXTENSIVE

BENDING & TURNING FACTORY

Situated in the City of St. Thomas, in the County of Elgin, Ontario. For full particulars apply to H. BROWN, Manager, or E. MOORE, President.

J. T. LAMBERT,

Lumber and Commission Agent.

FOR SALE.

150	Mills.	White Pine,	1 x 10 Stock.
175	"	do	1 x 12 "
11	"	do	2 x 10 "
20	"	do	2 x 12 "
140	"	do	1 inch Siding
20	"	do	1 "
40	"	do	2 x 10 Joists.
10	"	Cedar,	3 x 0 "
10	"	Basswood,	1 1/2 inch.

APPLY AT THE OFFICE,

WELLINGTON STREET, OTTAWA.



We have added to our plant all the latest improved machinery for Electro and Stereotype, and the manufacture of Printers Furniture, facilities for executing work which no other establishment in the Dominion possesses, and not excelled by any on the continent. A large assortment of various cuts constantly on hand.
FLEMING & SON,
26 Colborne St., Toronto.

PORTLAND FOUNDRY.

JOSEPH McAFEE,

(LATE ASQUITH McAFEE.)

Warehouse, Main St., St. John, N.B.

AGRICULTURAL IMPLEMENTS.

MANUFACTURER OF

Cooking, Ship, Parlor & Office Stoves

MILL CASTINGS

Ship Windlasses, Capstans, and

Ship Castings of all kinds,

(MADE TO ORDER)

Power Capstans, Patent Ship Pumps

With Copper Chambers.

Lead Scuppers & Water Closets & all

goods in my line for Ships' use.

Work done to Order with Quick Despatch.

IRWIN & BOYD

Commission

Lumber Dealers,

FORWARDERS,

Shipping & General Agents

PORT HOPE.

KERR BROS.

PRACTICAL

Founders, Machinists,

And Millwrights.

Manufacturers of Marine and Horizontal and Portable

Engines, Boilers

Grain Elevators & Steam Hoists,

Saw and Flour Mill Machinery.

With Latest Improvements A SPECIALTY

The ABEL EDWARDS CENTENNIAL TURBINE WATER WHEEL,

RODEBAUGH'S SAW FRAME, MILL DOGS and SAW GUIDES.

WATER WORKS, THE LATEST AND MOST IMPROVED, MADE TO ORDER.

LIGHT and HEAVY BRASS and IRON CASTINGS.

Plans and Specifications on application.

The Walkerville Foundry

AND

MACHINE WORKS.

Walkerville, Ont., June 1891.