

making such representations by petition to Parliament as will convince members of the desirability of supporting the carrying out of such a scheme as is proposed. The question is one of considerable importance, and one which must sooner or later demand attention.—*Ottawa Citizen.*

PAPER PULP FROM CEDAR BARK.

A new use of cedar has been undertaken at New Bedford, Mass. The Acushnet Paper Mill, at that point, is nearing completion, and was built for the express purpose of manufacturing pulp and paper of cedar bark. It is the first enterprise of the kind ever undertaken, though the process has been satisfactorily tested on a small scale. An agent of the company is now in Maine purchasing a supply of bark. There is a large quantity at Bangor, Calais, and at St. John, N. B., where large quantities of cedar shingles are sawed. The bark is taken from shingle butts, that are 16 inches long, and are bundled for shipment like lath. The Acushnet mill will work up three cords of bark a day. The first product will be used for carpet linings, but the paper is said to be equally adapted to other important uses. For carpet linings it will be unequalled, on account of its quality of keeping off insects. Eastern ingenuity is bound to devise an endless variety for the utilization of woods, this invention for making paper of cedar bark, being the latest evidence of it.—*Northwestern Lumberman.*

WOOD PULP ROOFING.

A Mansfield, Ohio, company is said to be manufacturing a roofing material from wood-pulp, consisting of two-thirds spruce and one-third poplar. It is then prepared, under patents owned exclusively by the company, in such a manner as to give the greatest durability, and adapt it generally for roofing purposes. It is claimed to be the best roofing in the world, all things considered. It is not affected by heat or cold, as metallic roofs are, nor can it corrode. It is much lighter than slate, and can be walked upon without injury. It is practically fireproof though not absolutely non combustible. It can be used on any kind of roof having not less than 1½ inch fall to the foot. It is especially adapted to locations where smoke and sulphurous gases abound, which generally destroy metallic roofs in a short time. It is flexible, and can be used for valleys, flashings, ornamental cut-work in gables, panels, bay windows, verandas and irregular-shaped roofs. It can also be used with perfect success for sheathing warehouses and grain elevators.

QUEBEC CULLERS' OFFICE.

The following is a comparative statement of Timber, Masts, Bowsprits, Spars, Staves, &c. measured and culled to Oct. 19:—

	1881.	1882.	1883.
Waney White Pine...	9,629,051	2,063,811	3,213,318
White Pine.....	5,578,646	7,699,814	6,747,758
Red Pine.....	1,974,730	1,435,065	484,090
Oak.....	2,035,159	1,149,452	1,750,207
Elm.....	1,010,395	701,026	309,261
Ash.....	397,906	263,196	257,023
Basswood.....	3,576	1,273	2,244
Butternut.....	2,091	2,039	1,028
Tamarac.....	24,416	51,443	7,409
Birch & Maple.....	151,742	268,333	133,803
Masts.....	25 pcs	33 pcs	— pcs
Spars.....	— pcs	51 pcs	— pcs
Std. Staves.....	303,722.29	352,633.12	627,011.22
W. J. Staves.....	445,422.30	1150,910.12	610,233.05
Br. Staves.....	—	75,433.23	87,211.10

JAMES PATTON,
Supervisor of Cullers.

Quebec, Oct. 19.

International Exhibition of Forestry.

The thirtieth annual meeting of the Scottish Arboricultural Society was held recently in Edinburgh. Thanks was awarded to Mr. Little, Montreal, for a gift to the Society's museum of 60 specimens of Canadian wood. Referring to the International Exhibition of Forestry to be held in Edinburgh next year, one of the members said the prospects of the exhibition were highly gratifying. The exhibition was assuming much wider proportions than he ever had contemplated; and it appeared to him that if it went on as at present this would not be the only exhibition of the industrial arts in Scotland, but be only one of a yearly series, such as

those held at Kensington. If the Lord Provost and Magistrates granted the use of Castle Hill gardens, the committee could erect buildings of a handsome description thereon in the form of Swiss chalets of a rustic nature, emblematic of forestry. One of the courts might be devoted to Indian exhibits, another to Australia, another to Canada, another to the United States, and so on. The idea met with much favor.

Timber for Well Work.

The best timber for curbing a well is hemlock, which is very durable when under water, and gives no flavor to the water. If hemlock cannot be procured, tamarac would be the best. The timber should be cut in two or three inch planks, and put together by halving the timbers at the end and holding the halved parts dovetailed or cornered together, so that the sides cannot be forced in by the pressure of the earth—the upper half of one piece fitting upon the lower half of the other piece.

THE *Northwestern Lumberman* says—There is another story afloat about a buzz-saw encountering a bomb-shell that was embedded in a log. This time the incident happened in New Orleans. Before it was in South Carolina. The forests of the South were well peppered with shot and shell during the late unpleasantness, and it would not be surprising if embedded shells should use up several saws. But when once one of these stories is stated there is no telling how it will multiply.

A. & T. J. DARLING & Co.

TORONTO, ONT.

Specialties—"Darling" Axes, Saws, Outlery, "Black Diamond" Files.
HARDWARE.

FOR SALE.

A LATH TRIMMER,

NEW, and in good order, will be sold Cheap. Address,

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SPALT MACHINE

For saving Lumber refuse, second hand, but all complete and in good order, taken out to replace one of greater capacity. Address,—

THE RATHBUN COMPANY,
6119 Deseronto, Ont.

FOR SALE.

THE SUBSCRIBER OFFERS FOR SALE THE LEASE AND MACHINERY, PLANT, &c., OF HIS SAW MILL

AND
LUMBER YARD
In Ashburnham.

For particulars apply to

J. Z. ROGERS,
6389-2121 Peterborough.

WATER POWER

TO LEASE.

THE UNDERSIGNED having largely extended their raceway at Lakeside, are desirous of corresponding with parties who wish to go into manufacturing, and they are prepared to sell or lease water power on the most favorable terms, or would erect buildings of any size suitable for factories.

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SHINGLE MILL MACHINERY.

Parties requiring New Machinery for Shingle Mills, will do well to communicate with us before purchasing.

THE RATHBUN COMPANY,
6119 DESERONTO, Ont.

SAW MILLS AND TIMBER LIMITS

WITH
Logs, Lumber, Store Goods, &c
FOR SALE

In the District of Algoma, Ont.

Eighty-Five Square Miles (54,400 Acres) of Limits, Good Pine, First-Class Water Power, Large New Water Mill, Steam Mill, Store and Dwellings.

Canada Pacific Railway now running through part of the property.

For full particulars address:—

WILLIAMS & MURRAY,
L111 GODERICH, ONT.

SAW MILL MACHINERY FOR SALE.

STEEL AND IRON
Slabbing and Stock Gang Gates

WITH OSCILLATING MOTION, ALSO,—

IRON PITMANS, FLY WHEELS, Driving Pulleys, and other Saw Mill Machinery,

In Good Order, which has been taken out of Mills that have been closed. Address,

The RATHBUN COMPANY,
6120 DESERONTO.

MACHINERY,

ENGINE, BOILER, ROTARY MILL, &c.,

IN THE
St. Martins Manufacturing Co's Factory and Saw Mill at St. Martins,

CONTAINING

A Watrous 80 H.P. Engine and Boilers, Rotary Saw Mill,

Saw Tables Planers, Shafting, Hangers, Pulleys, Belting, Lathes, Pumps, etc.

One Fleming & Sons' 50 H.P. Engine and Boiler,

Waterous Saw Mill, Daniel Planer, Band Saw, Planer and Matcher, Saw Tables, Shafting, Belting, etc.

If not sold on Dec by the 10th of October, will be sold in lots to suit purchasers.

Catalogues giving particulars of the Machinery, etc., can be had from the Liquidators, or at the offices of W. H. OLIVE, No. 167 Prince William Street; T. McAVITY & SONS, 13 King Street, St. John; and W. E. SKILLEN, St. Martins. 6121

MAPLE TIMBER.

Parties having quantities of first-class HARD MAPLE that they can cut to sizes as furnished, please communicate with us.

W. H. BROWN & Co.,
4118 INGERSOLL, Ont.

HENDERSON BROS. LUMBER AND TIMBER.

Building & Bridge Timber Sawn to Order. Pine, Spruce and Hemlock Lumber by the Cargo.

Steam Saw Mills, Box Factory and Yards.—342 to 390 William St., and 130 St. Constant St., Montreal. Steam Saw Mills, L'Assomption, P.Q. P. O. Box 804. 1y121

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STEWART & FLECK, Jr.,

Manufacturers of every Description of Saw and Grist Mill Machinery, Water Wheels, Steam Engines, Derrieks, Boilers, Steam Pumps, Mining Machinery. 204 REPAIRS PROMPTLY EXECUTED. 1y Wellington Street, OTTAWA, Ont.

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OHAUDIERE, OTTAWA.

ST. LAWRENCE CANALS.

Notice to Contractors.

SEALED TENDERS, addressed to the undersigned, and endorsed "Tender for St. Lawrence Canals," will be received at this office until the arrival of the eastern and western mails on TUESDAY, the 13th day of November next, for the construction of a lock and regulating weir and the deepening and enlargement of the upper entrance of the Cornwall Canal.

Also for the construction of a lock, together with the enlargement and deepening of the upper entrance of the Rapide Plat Canal, or middle division of the Williamsburg Canals.

Tenders will also be received until TUESDAY, the 27th day of November next, for the extension of the pierwork and deepening, &c., of the channel at the upper entrance of the Galop Canal.

A map of the head or upper entrance of the Cornwall Canal and the upper entrance of the Rapide Plat Canal, together with plans and specifications of the respective works, can be seen at this office, and at the Resident Engineer's office, Dickenson's Landing, on and after Tuesday, the 30th day of October next, where printed forms of tender can be obtained.

A map, plans and specification of the works to be done at the head of the Galop Canal can be seen at this office and at the lock keeper's house, near the place, on and after TUESDAY, the 13th day of November, where printed forms of tender can be obtained.

Contractors are requested to bear in mind that tenders will not be considered unless made strictly in accordance with the printed forms, and—in the case of firms—except there are attached the actual signatures, the nature of the occupation and residence of each member of the firm; and further, an accepted Bank cheque for the sum of Two Thousand Dollars must accompany the Tender, which sum shall be forfeited if the party tendering declines entering into contract for the works at the rates and on the terms stated in the offer submitted.

The cheque thus sent in will be returned to the respective parties whose tenders are not accepted. This Department does not, however, bind itself to accept the lowest or any tender.

By order,
A. F. BRADLEY,
Secretary.
Dept. of Railways and Canals,
Ottawa, 28th Sept., 1883. 478-law