

## WOOD PULP DEPARTMENT

### DUTY ON PULP WOOD.

THE Dominion government have not as yet taken any action towards imposing an export duty on pulp wood, and as the present session is drawing to a close, there does not appear to be much ground for hoping that such a step will be taken. Sir Charles Tupper recently read in the House the following communication: "The season for peeling the bark for pulp wood has now arrived. It lasts two months. The custom is to peel the wood now and ship it next winter. It is very important to know if the government, in case they impose an export duty on pulp wood, allow that peeled this spring to be exported free of duty next winter. Unless the government declare that they do not intend to impose an export duty, or if they do impose one they will allow the wood peeled this spring to go out free of duty, no one will attempt to contract for pulp wood, and in that case very little will be done." Sir Charles said: "In the absence of the Finance Minister, I do not expect a declaration from the government, but as the matter is one of great urgency, and it was intimated by Mr. Fielding that the government would state its policy at a later period of the session, I wish to point out the importance of that declaration being made as early as possible, also of the announcement being made whether wood peeled now will be allowed to be shipped next winter free of duty." In reply, Sir Richard Cartwright has since stated that he was authorized to say that action would be taken to prevent parties who were now making contracts for pulp wood from suffering, whatever the course adopted by the government might be.

### THE ARCADIA PULP AND PAPER MILLS COMPANY.

A copy of the prospectus of the Arcadia Pulp and Paper Mills Co., Ltd., which has been incorporated to take over the properties of the Milton Pulp Co. and the Morgan Falls Pulp Co., has been received. According to a report by Mr. P. Eastick, the Milton pulp mills are situated on the Liverpool river at Milton, N.S. They have developed a water power of about 3,000 to 4,000 h.p., but are at present only using 1,500 h.p. There are four grinders, and the average output of dry pulp has been 414 tons monthly. The average cost of wood is \$2.83 per cord, and the actual cost of manufacturing the pulp is \$8 per ton.

The Morgan Falls pulp mill is situated on the Hare river, Lunenburg county, N.S., and has a water power of 1,100 h.p. There are three grinders, with an average output of 250 tons dry pulp per month.

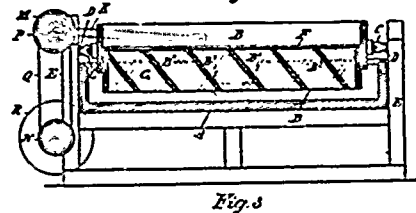
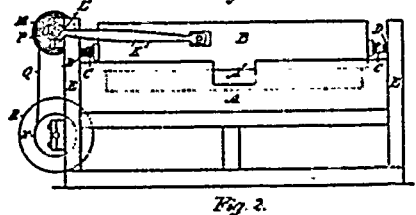
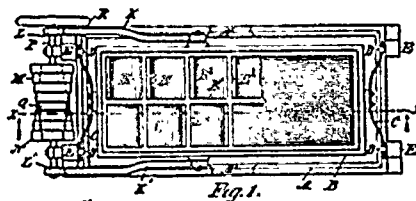
The production of the mills has been sold in the United States at prices ranging from \$16 to \$18 duty paid, netting at shipping point \$12.34 to \$13.84 per ton. The new company propose to ship a large portion of the output to England.

The Milton Pulp and Timber Company, of Maria, Que., expect to commence operations early in June.

### NEW PULP SCREEN.

A NEW form of pulp screen has been devised by James Bishop, of Hull, Que., for which he has recently received an American patent. Figure 1 is a top view of the pulp screen, which is partly broken away to show the inclined divisions in the trough; Fig. 2, a side elevation of the same; and Fig. 3, a section on line X X, Fig. 1, the screen shown as entire.

The invention has for its object to prevent the meshes or perforations in a paper pulp screen from



becoming clogged with pulp by passage of air through one-half the meshes in alternate and opposite directions, and also to prevent the accumulation of "strings" of solidified pulp hanging from the bottom of the screen, which, dropping into the vat, do not amalgamate with the semi-fluid pulp, but cause irregularity and breaks in the paper when the pulp is made into paper. The invention consists of a bottomless trough divided by one or more vertical longitudinal partitions and inclined traverse partitions, the alternate rows of spaces formed by the divisions inclining in opposite directions, a screen within the trough and above the divisions, and means for reciprocally agitating the trough, so that when moving in one direction the correspondingly inclined series of divisions will force the air upward through the meshes, and the reversely inclined series of divisions will suck through the meshes above them, and when the trough moves in the opposite direction a vice versa air action through the screen meshes is produced.

According to the new Canadian tariff the duty on pulp making and paper making machinery is reduced from 27½ to 25 per cent.

Artificial silk, made mostly of wood pulp, is being sold in many New York dry goods stores. It is said by an expert in silks that the merchants selling artificial silks do not know that the fabrics in question are not the product of the silkworm. The same expert says that but for a lack of tensile strength when wet, the wood pulp fibre is in no way to be distinguished from natural silk, except perhaps by a slight superiority in lustre. Generally speaking, the cost of production of the wood pulp fabric is just one-third that of natural silk.

### PULP NOTES.

The American Paper Trade & Wood Pulp News states that the Sault Ste. Marie Pulp & Paper Company, of Sault Ste. Marie, Ont., contemplate the erection of a new chemical pulp mill.

The price paid for the Masterman pulp mill at Chatham, N. B., which was reported in our last issue to have been purchased by Mr. Albert E. Reid, of Maidstone, England, is given as \$105,000.

Mr. P. J. Loughran, who has been a strong advocate of the imposition by the Dominion government of an export duty on pulp wood, is said to have been deposed from his position of Canadian organizer for the American Federation of Labor.

Mr. Thos. Allison recently entered an action against the owners of the Masterman pulp mill at Chatham, N.B., to recover a stated sum for services in connection with the erection of the mill. A settlement is now said to have been made at \$2,000.

The Sissiboo Falls Pulp Company, of Digby, N. S., made a shipment in one week of 40 car loads of wood pulp to the British market. This cargo is said to have been sold before it left the factory, and makes a total of 80 car loads shipped to Great Britain this year.

The Paper Trade Review, of London, England, is authority for the statement that during the past few weeks thousands of bales of American pulp have been received at London, Liverpool and Glasgow. Canadian pulp is held in high appreciation at various English mills where it has been given a trial, and at the present time several large orders are pending.

A decision has recently been handed down by an appellate court in northern New York to the effect that no stream is a public highway for log driving unless it is navigable in its natural state. This decision, it is said, will shut out many thousand acres of forest lands from their natural market as effectually as if there were no streams in the territory.

Ex-Senator Warner Miller, of New York, who is interested in the Laurentide Pulp Company, recently gave it as his opinion that a considerable boom would be experienced in the pulp and paper industries of Canada during the coming year. The direction which the expansion of the business would take would be in trade with Great Britain, where the product sold at a higher price than in the United States. Mr. Miller has purchased the right to the water power of the Shewanigan Falls, near Three Rivers, Que., where it is proposed to erect a pulp mill at an early date.

A meeting of the shareholders of the Laurentide Pulp Company, of Grand Mere, Que., was held in Montreal to ratify a by-law increasing the capital stock of the company to \$900,000. It is understood the company propose erecting additional works at their mills at Grand Mere, on the St. Maurice river, where valuable timber limits have been acquired. A change has recently been made in the management of the company, the directors now being: President, Mr. R. B. Angus, Vice-President, Sir W. C. Van Horne; General Russell A. Alger, Secretary of War, Washington; Mr. A. Pagenstecker and Mr. Warren Curtis, New York; Mr. R. D. McGibbon, Q. C., Montreal, and Mr. John P. Riley, Secretary, Grand Mere, Que.

Saw mill owners in every part of Canada are asked to assist in making THE LUMBERMAN of greater interest to its readers by furnishing information regarding the condition of the lumber market. Particulars of sales of stock, estimated cut, current prices, etc., are solicited.

## PULP MACHINERY

We are prepared to supply Pulp Grinders, Wet Machines and Baling Presses. . . .

WRITE FOR ESTIMATES.

Robb Engineering Co., Ltd., Amherst, N.S.