

ART, 1901

## COTTON-SEED HULL PAPER.

American is said to have discovered a process for treating cotton seed hulls so that the fibre attached may be utilized for making, and a company has been organized for testing the process. Experimenting regarding the system in exchange with the British is doubtful whether it is possible to destroy the hulls, either mechanically or chemically, as to make the residue suitable for printing papers. The successful resolving of cotton-seed hulls will be a matter of great importance to the pulp and paper industry. There is an immense quantity of cotton-seeds produced in the United States, and attached to these seeds is a considerable quantity of valuable fibre. Hitherto they have been crushed for the extraction of oil, but their value in the direction would not presumably be increased by their use in paper making, as the seed hulls would be quite as valuable, if not more so, for the paper maker. The seeds are also very largely used—especially in India—for cattle-feeding purposes, of course there are large quantities of the seed used in England made from them, though linseed is also used for this purpose. The Egyptian seed, however, is the best of this trade, as it is larger and has less fibre attached than the American seed. The result of the experiments is to be tried in the United States will be looked forward to eagerly.

It has been announced that the Carnegie Company will ship steel by an all-rail route from Lake Erie ports to Europe via the St. Lawrence route. As the vessels cannot be loaded to their full capacity until the locks are passed, it is expected they will complete their cargo at Montreal, taking on considerable pulp.

## PULP NOTES.

The Waterous Engine Works, of Brantford, Ont., have already secured orders for \$40,000 worth of pulp making machinery.

It is again stated that McKenzie & Mann, railway contractors, have decided to erect large pulp mills at Fort Frances, Ont., next summer.

It is said that the Canadian Electric Light Co., of Quebec, have completed arrangements for the construction of a large pulp mill at Chaudiere Falls.

It is reported that Mr. W. J. Hill, M.P. P., of Toronto, has secured the contract for building a large pulp mill at Shawinigan Falls, Que., for Belgian capitalists.

Mr. H. G. Fuller, of Portland, Me., is negotiating with parties in Canada in regard to establishing a plant for the manufacture of felts used in paper and pulp mills.

Eastern capitalists are proceeding with arrangements for the establishment of the proposed pulp mill in British Columbia. The mill will be tributary to Vancouver, the site chosen being but a few miles from that city.

The company which proposes to build a pulp mill at Musquash, N.B., will shortly apply for incorporation. The capital stock will be \$100,000. Geo. McAvity, H. R. McLellan, Geo. W. Jones and F. Stetson, of St. John, are interested.

The town of Woodstock, N.B., wants a pulp mill, and has offered a bonus of ten per cent. of the cost of the mill, the bonus not to exceed \$50,000. Mr. Henry Upham, of that town, has decided to donate a suitable site for a mill.

Mr. Thomas Malcolm, contractor for the building of the Restigouche and Western railway in New Brunswick, states that

he has received propositions from capitalists who purpose erecting pulp mills along the railway as soon as it is completed.

Chas. Lionais, civil engineer of Montreal, recently sold an iron pyrites mine at Garthby, Que., to a New York syndicate who have in view the erection of a sulphur factory at Levis. It is proposed to use the sulphur for the manufacture of pulp.

About three years ago Randolph & Baker, of St. John, N. B., discovered magnesite lime in the lime rock about their quarry. Recently they have commenced to burn it and have shipped large quantities to the United States for use in pulp mill digestors.

Sweden has 88 mechanical pulp mills, producing yearly 144,000 tons, dry weight, of pulp. She also produces 125,000 tons of sulphite, and 38,000 tons of soda pulp. Norway has 61 mechanical pulp mills, with an annual output of 180,000 tons of soda pulp. The total production is, therefore:

|                      |           |
|----------------------|-----------|
|                      | Dry tons. |
| Mechanical pulp..... | 324,000   |
| Sulphite.....        | 212,000   |
| Soda.....            | 46,000    |

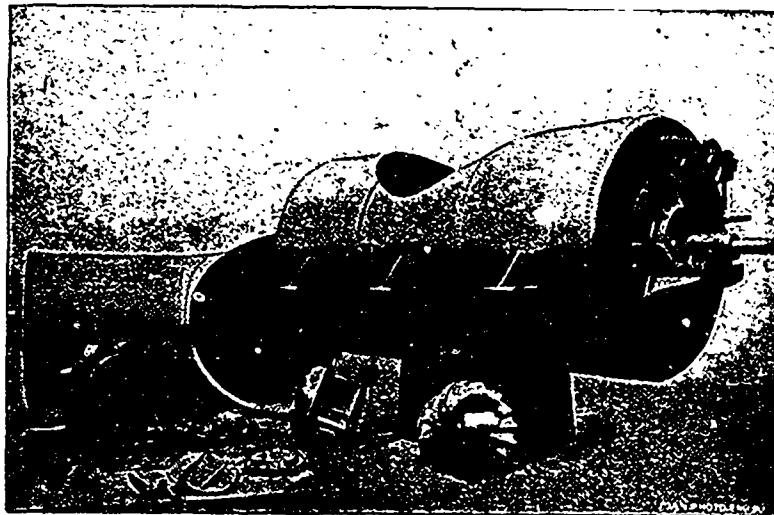
Reporting on the wood pulp market in

France, M. A. L. Grondal, of Paris, states that prices of chemical wood pulp are well maintained. Considerable activity has been experienced in the renewal of contracts for 1901, and at the moment nearly all important buyers are covered. In regard to mechanical wood pulp prices remain high, especially for delivery during the winter months. The demand, however, is insignificant, and consumers who have not contracted for next year show a disposition to await future events.

A West Hartlepool correspondent of the Timber Trades Journal thus refers to a shipment of Canadian pulp: "We have just received 1,971 bales Canadian sulphite wood pulp per steamer via Liverpool for local consumption, which we believe is the first lot we have had, hitherto it having come from West Hartlepool. The bales, we notice, are very compact, and well bound with hoop steel, and as our cousins, the Canadians, are evidently pushing this article in England, this new departure may mark an epoch in the pulp trade, as the supply of whitewood in Canada is practically unlimited. Baltic exporters take note! The shippers are Becker & Co., London, and the shipping agent here is Mr. Andrew Farmer."

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