

THREE TYPES OF WATER WHEELS.

The attention of our readers is directed to the advertisement in this issue of Mr. Madison Williams, who has purchased the foundry and machine shop of the Paxton, Tate & Co. estate, Port Perry, Ont. Mr. Williams' predecessors were for many years well and favorably known throughout Canada as the pioneers of water wheel manufacture. Their first production in this way was the "Leffel" wheel, which is perhaps more widely known than any other water wheel made, and has never been superseded in point of efficiency under certain conditions of operation and water supply. Varying conditions, however, called for wheels of special design and proportions, and to meet these requirements many improvements have been added and are embodied in the "Vulcan" and "Perfection" wheels, which have stood the most severe tests, so that for whatever purpose a wheel may be required, whether for heavy or light machinery, driving milling, mining or manufacturing, and under any condition of water supply, high or low head, ample or little water,

it is possible from these three types of wheels and the great variety of sizes (23 sizes in each, from 6½" diameter to 8 feet) to find one that will absolutely fill the bill. In addition to their water wheels, Paxton, Tate & Co. have for many years turned out modern circular saw mills, shingle machines, lath mills, feed grinders, bark mills, etc., and have had their goods in demand in every province of the Dominion. To this long-established business Mr. Williams, as sole owner, brings practical experience, (having spent many years in the employment of Paxton, Tate & Co.), fresh capital, a good name and great earnestness in his determination to please customers and make his products a synonym for excellence and money's worth. The shops have been thoroughly overhauled and are already manned with a full staff of competent mechanics in every department, and we are advised that from enquiries and orders received during the past week, Mr. Williams will not only have the good will of all customers of Paxton, Tate & Co. but a full share of the new business springing up

throughout the country, which the merits of his machine deserve. Mr. Williams has our best wishes for the permanent success of his venture into the manufacturing world.

The village of Grenville, Que., offers exemption from taxation for twenty years for the establishment of a paper mill. The location is said to be a good one.

Taylor Bros., paper makers, of Toronto, recently received an order from Yokohama, Japan, for 110 tons of paper. Mr. George Anderson reports good prospects for developing a trade in paper with that country.

Among the latest uses to which wood pulp is being put is the manufacture of barrels and casks. The great difficulty in the past has been the production of removable heads. By a plan just patented one head of the cask or barrel is moulded in while the other is made to fasten in place by a series of keys. It is thought that by this process a highly popular barrel will be produced, and, in a measure, revolutionize the cooperage business.

Geo. Peters and W. Shaw have purchased a site at Merlin, Ont., for a planing mill, and intend to build.

The Jenckes Machine Co., of Sherbrooke, Que., are building a very large 20 x 10 crusher for the Wilson Carbide Co., St. Catharines, Ont.

It is understood that the Exploits Lumber Company, of which Mr. C. T. Hilliard, of Amherst, N.S., is manager, will erect pulp mills in Newfoundland. This company have acquired extensive spruce and pine timber lands in the vicinity of Botwoodville.

The firm of Wm. Ritchie & Co. are removing their saw mill from Granite Piles to Three Rivers, Que. They will build on the government island at the mouth of the St. Maurice. The St. Maurice Lumber Company is also building a large saw mill to replace the one that was burned this fall.

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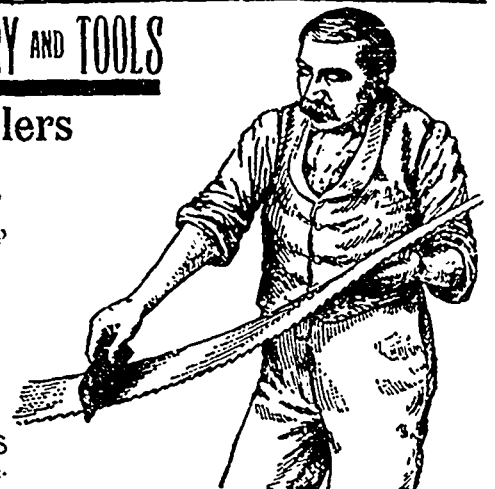
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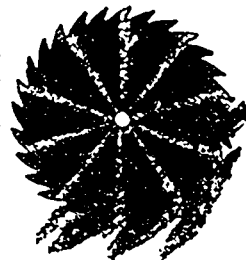
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