

A NEW flour mill is to be erected at Armstrong, B.C.

A PAPER MILL is to be built at St. Croix, N.S., by H. McHart.

G. F. EMERSON proposes to start a bicycle factory at Clinton, Ont.

A PULP MILL will be built at Calais, Me., opposite St. Stephen, N.B., in the spring.

THE new building for the deaf and dumb at Halifax, N.S., is nearly completed.

A WATERWORKS system to cost about \$12,000, will be installed at Port Colborne, Ont.

G. L. ORME and A. J. Stevens intend to build a row of hand-some stores on Sparks street, Ottawa.

A TACOMA lumber firm intend building a large mill on the mainland near the north end of Vancouver Island.

ALAN MACDOUGALL, C.E., is at present engaged on plans for the extension of the sewage system of Stratford, Ont.

THE city council of Kingston, Ont., has let the contract for a new pumping engine to Inglis & Son, Toronto, at \$12,000.

THE Montreal Hydraulic Wheel Company, Montreal, are applying for incorporation, with a capital stock of \$100,000, to manufacture hydraulic wheels, etc.

LISTOWEL is to have a new furniture factory. Chas. Runge and Wm. Becker are putting in machinery for the manufacture of a number of lines of furniture.

I. MATHESON & Co., New Glasgow, N.S., are applying for incorporation, with a capital stock of \$60,000, to carry on the business of iron founders, machinists and engineers.

SAWDUST fuel is now being manufactured at a factory at Chaudiere, Ottawa. The manager of the company states that the fuel will shortly be tested by the C. & P. R. locomotives.

THE hardware firm of John Stairs & Co., Halifax, has assigned. The liabilities are not stated, but there are preferences for \$50,000, of which \$40,000 is to the John Stairs estate.

J. C. WILSON, at the Board of Arts and Manufacturers' meeting at Quebec, offered to contribute \$5,000 towards the construction of a technical school in Montreal for the instruction of young men in mechanics, etc.

THE Ingersoll Screw Co., of Ingersoll, Ont., who are the largest manufacturers of set screws in the Dominion, are now engaged extensively in the manufacture of brass-threaded nuts for bicycle work.

E. G. REID, contractor of Montreal, shipped a cargo of pulp wood from Newfoundland to Scotland, and the pulp manufacturers there having reported favorably upon it, a pulp mill is to be established in Newfoundland at once.

THE B. Greening Wire Company, Hamilton, Ont., has introduced a new patent cattle chain, which has many points to recommend it. This company manufactures cables, wire goods and ropes for all mechanical and manufacturing purposes.

THE Sault Ste. Marie Pulp Paper Company, which has a mill on the Canadian side, will erect the largest paper mill in the world on the United States side of the Sault. They have just paid \$265,000 for the water power rights, and will begin work at once.

THE scheme proposed for the disposal of Hamilton, Ont., sewerage, by Engineer Knichling, of Rochester, N.Y., would cost \$270,000 to put into effect, made up as follows: Interception of sewers, \$130,000; pumping station, \$75,000; discharge pipe, \$65,000.

L. K. McLAURIN, of East Templeton, Ottawa county, Que., and A. E. Schyer, W. B. Hitchcock, M. J. Hitchcock and H. T. Sayers, Ottawa, are applying for incorporation as the Ottawa Novelty Co., Limited, with a total capital stock of \$10,000, to manufacture and deal in lamps, lamp brackets, electroliers, general fancy goods, etc.

THE Ottawa Land Association recently purchased the old Sparks' mill property at the "Little Chaudiere," up the Ottawa River, from the mill-owners at the Chaudiere and the Philip Thompson estate, for about \$10,000. The property comprises 40 acres and valuable water power, which it is proposed to utilize in the near future.

W. R. Brock and J. J. Foy, Q.C., of Toronto, and George H. MacDonell, M.P., have asked the Dominion Government to grant a subsidy to the Ontario & Rainy River Railway Company, which was chartered some years ago to build a railway from Port Arthur through the famous mining and lumbering regions contiguous to Rainy River. The Ontario Legislature has already subsidized 130 miles at the rate of \$3,000 per mile.

LT.-COL. SEITZ, of the British Empire Exhibition proposed for Montreal next summer, says a large number from California have promised to send exhibits, and the State will be officially represented. Col. Seitz is now in Washington arranging for exhibits.

A MEETING of the St. Stephen, N.B., Edge Tool Company was held recently, at which the following board of directors was elected: C. W. Young, C. O. Barker, A. I. Teed, J. Edwin Ganong and F. M. Murchie. Last year's work was encouraging, the company says.

THE plans prepared by Mr. Wilson, of Chatham, Ont., for the town hall, at Blenheim, Ont., have been accepted by the Blenheim Council, on his guaranteeing to let the contract for its erection, including furnaces, seats, and all requisites mentioned in plan, for \$7,000.

THE town of Carleton, N.B., will probably spend \$30,000 on its waterworks immediately. It is proposed to lay a 12-inch pipe along Watson street to Queen street. All the cement pipes between Watson street and the harbor which have given any trouble are to be done away with.

THE residents of Sussex street, Ottawa, Ont., have petitioned the city council for a street pavement of Telford syenite. They request that there shall be a foundation of nine inches of broken limestone, and that there shall also be nine inches of syenite concreted and well rolled.

APPLICATION is made for incorporation of the Cottingham Varnish Co., Ltd., Montreal, with capital of \$20,000. Chas. Lyman, druggist of Montreal, is one of the provisional directors of the company. Incorporation is also applied for for the W. H. Cottingham Co., Ltd., to manufacture paints, with capital of \$105,000.

WHILE manufacturing generally has suffered from the low water in the lakes, it reminds one of the old proverb about the "ill wind," as a number of concerns have added steam plants to their establishments since the water has become so low. There has also been quite a run on propeller wheels to replace those broken on the steamers navigating the now dangerous waters of the St. Lawrence.

THE applicants for incorporation as the Bedford Mfg. Co., to manufacture edge tools and operate a grist mill at Upper Bedford, Que., are: E. Coslett, merchant; G. Coslett, mechanic; G. S. Walsh, manufacturer; F. C. Saunders, druggist; M. Smith, farmer; P. McGarry, farmer; H. Horskins, founder; J. Mullin, merchant, of Bedford, and O. S. Rixford, manufacturer, of East Highgate, Vermont, U.S.A.

THE Hamilton Engine Packing Co., Hamilton, Ont., report trade as being unusually brisk in their improved ring packing and other goods. The Smith Adjustable Rainbow manhole and hand-hole gaskets for boilers, for which they control the exclusive right for the Dominion, is meeting with great success. They are also exclusive agents for the Economic Oil Filterer, by which contrivance all waste engine and machine oil can be clarified, and all sediment and impurities removed.

THE works of the Guelph Norway Iron and Steel Company at Guelph were opened on the 2nd inst., when part of the plant was put in operation. A few blooms were made from the knobbling fires under the large steam hammer. Thos. D. Beddoe, of London, who was formerly manager and secretary of the Iron and Forging Company of Hamilton, and later superintendent of the Calumet Iron and Steel Company of Chicago, is to represent the company on the road.

THE town of Trenton is in a peculiar position as regards water supply. Some time ago A. W. Hawley and the Rev. Armstrong secured leave from the council to lay water pipes. They dug a reservoir on the mountain and laid pipes, and in the meantime R. Weddell also secured leave from the council to supply water, and dug a well somewhat lower on the mountain than the first reservoir. This took away the water from the first parties, and now they have pipes and Mr. Weddell has water, and the townspeople have neither.

THE city council of London, Ont., has passed a by-law, which has the approval of the Grand Trunk Railway Company. By this the company agree, in exchange for a bonus of \$100,000, to erect shops in London, and employ not less than three hundred men for a period of forty years. The terms are to be fulfilled within twelve months after the signing of the agreement by both parties. The Grand Trunk are pledged to do in London all their car repairing west of, but not including, Toronto.

DARLING BROS., of Reliance Works, Montreal, have issued an illustrated catalogue giving definitions and illustrations of their various articles of manufacture. The book is handsomely bound, well illustrated, and contains information of much interest to any