

The Mowry Lock Nut Co., are being offered strong inducements by Sydney, C.B., to establish their works in that place.

The H. W. Johns-Manville Co., New York, have opened a branch office at 315 Equitable Building, Baltimore, M.D. This has been done owing to the increasing business in that vicinity.

The Cape Breton Technical School, Sydney, C.B., was formally opened on November 5th. The opening address was delivered by Dr. J. E. Woodman, of the Dalhousie School of Mining.

The Link-Belt Company has recently opened an office at No. 913 Missouri Trust Building, St. Louis. Mr. E. C. Berghoeffler, an engineer of long experience with the Chicago house of the company, is in charge.

British Columbia is to have another large lumber mill. The Columbia River Timber and Transportation Co., Ltd., capital, \$500,000; the mill will be located at Arrowhead, and the office of the company will be at Revelstoke.

American bolts and nuts are not giving satisfaction in Australia, according to Consular reports, the English thread Whitworth being preferred to the United States standard. Complaint is also made that the fitting of nut and bolt is not as tight as in the English product.

The Maple Leaf Rubber Company, of Port Dalhousie, Ont., with a capital of \$300,000, and employing four to five hundred hands has been purchased by the Canadian Consolidated Rubber Company, of which Major George W. Stephens, M.L.A., is president, and D. Lorne McGibbon, managing director.

At the annual meeting of the Alberta Railway & Irrigation Co., Col. Wodehouse said he estimated the net profits for the year at \$343,960. After paying interest on 5 per cent. debentures there remained a balance of \$47,225 against \$21,000 last year. The minimum selling price of irrigated land is now \$20 per acre.

Port Arthur has secured two new industries. The Miesel Manufacturing Co., will establish a works for the manufacture of agricultural and mill machinery, employing about 500 men; and the Seamen-Kent Co., will erect a large factory for the manufacture of hard-wood, house building material. About 100 men will be employed.

The Mond Nickel Co., Sudbury, Ont., have purchased two 150-horse-power induction motors. One will drive a compound duplex "Ingersoll" air compressor, and the other operate a reversible double friction drum "Lidgerwood" hoisting engine. The complete equipment will be built by Allis-Chalmers-Bullock, Limited, of Montreal.

The Arthur Koppel Company, the well-known manufacturers of portable industrial narrow-gauge railroad material who have offices in New York and Chicago, have opened a new sales office in Pittsburg, Pa., 1601 Machesney Building, 4th Avenue. This will become the main office for the trade in the Western and Southern States.

John Murphy, the Government Electrical Engineer, was upheld in his recent suit against the Ottawa & Hull Power & Manufacturing Co., for infringing his patents for combating frazil ice. By the terms of the judgment validity of the patents is admitted. It is understood that a substantial sum has been paid by the Power Company for the use of the patents.

Hon. Walter Scott is quoted as saying that the people of Saskatchewan are facing the question of freezing to death. He says: "There is not a ton of coal in the province, owing to the Lethbridge strike, and the misery will be great unless the strike is settled right away. We must get fuel, no matter what it costs. We must have coal, and will have to get it from Fernie, from the C.P.R., or wherever we can."

The Gilson Mfg. Co., of Port Washington, Wis., are building a branch plant at Guelph, Ont. The company has met with considerable success, owing to the many features which make their engines attractive for unskilled operators. These engines are easier to operate, more economical and efficient than many others, and as they are sold at an exceptionally low price, they should meet with the approval of the Canadian market.

Carman, Man., is to have a new industry, the Commercial Cement Co., Limited, 640 acres of rock land has been purchased, and the company is about to erect a modern cement plant. The temporary offices of the company will be at 220 McDermot Ave., Winnipeg.

Messrs. Isaac and Honeyman started a small foundry in Nelson, B.C., about six months ago, when casting was done only six or seven times a month. Now casts are being made daily, and they are increasing their accommodation by about 50%, and owing to the rush of orders it has been found necessary to start a branch at Greenwood, where they will be turning out castings by the first of the year.

The Canada Tin Plate Company, of Morrisburg, Ont., have four of the eight mills they are installing, near completion, and it is expected that the whole will be running about February, 1907. About 1,000 men will be employed, and the company will manufacture its own black plate and sheets. They expect to be able to supply the whole of the Canadian trade in tin plate. This is one of the most important of the newer industries in the Dominion, and is the first tin plate plant to be established in this country. The opening should be an event in industrial Canada.

The following contracts have been placed with the Allis-Chalmers-Bullock, Limited, Montreal:—600-K.W. water wheel type generator, exciter, switch board, etc., for an addition to the electric light plant, Port Arthur. The plant at present consists of two 250-K.W. alternating current generators, and one 250-K.W. direct current railway generator, which are all of the "Bullock" type. A Pumping Plant consisting of an 8" single stage turbine pump, driven by a 70-H.P. induction motor for the Canadian Copper Co., of Copper Cliff. A 12¼" x 18" Ingersoll Air Compressor, driven by a 50-H.P. induction motor for the Calumet Mining and Milling Co., Calumet, Que. A mining plant, consisting of one-half duplex "Ingersoll" Air Compressor Rock Drills, hoisting engine, ore buckets, etc., for the Northern Pyrites Company of Dinorwic, Ont.

On Monday, October 22nd, the Winnipeg City Council and Water Commission, upon the invitation of Mr. Cecil B. Smith, Chief Engineer of the new power plant Commission, visited the proposed site of the Hydro-Electric Power plant at Pointe du Boise Falls. The party had some startling experience on the spot. Two of the aldermen got into the water and were nearly drowned, while towards the end of the visit the commissariat played out, and famine stared the visitors in the face; but the result of the investigation was that Mr. Smith's scheme was enthusiastically endorsed and the following consulting board and working staff were straightway appointed: Prof. Louis Herdt, of McGill University, Montreal; H. N. Ruttan, City Engineer, Winnipeg; and Wm. Kennedy, Jr., of Montreal. Prof. Herdt is recommended as electrical engineer, Col. Ruttan as hydraulic engineer, and Mr. Kennedy as mechanical engineer. The working staff is as follows:—W. M. Scott in charge of field, with ten or twelve assistants. Mr. Scott is now actively engaged in the preliminary survey and lay out at the Falls. The office staff are:—Chief Designer—R. D. Johnson, late chief designer to the Ontario Power Co.; Chief Electrical Designer—E. B. Merrill, late construction engineer Niagara Power Co. In addition to the foregoing, an able staff of assistants have been engaged, Norman Gibson, O. H. Mitchell, C. R. Holden and Edgar Guy. Mr. Smith has estimated the cost of the new power plant at \$3,250,000, including the cost of transmission line and buildings. This will provide something like 17,000 horse-power, which can be increased, if necessary, to 60,000-H.P. The consultation board are of opinion that sufficient power can be developed at Point du Boise Falls, for Winnipeg city requirements, for many years to come. A tramway has been surveyed between Pointe du Boise and Lac du Bonnet, which will be 22 miles long. The transmission line will be 75 miles long in a north-easterly direction. Pointe du Boise is 22 miles from Lac du Bonnet, where an immense power has been developed for the Winnipeg Electric Street Railway and the Winnipeg Electric Light and Power Company, both Mackenzie and Mann syndicates.