

Chatham, Ont., ratepayers voted \$41,000 for a new market building.

Chatham, Ont., has granted a loan of \$20,000 to the Defiance Iron Works to establish works there.

James H. Rogers, of Montreal, has a contract for the construction of a bridge across Lachine Canal.

J. I. Case & Co., of Racine, Wis., manufacturers of threshing machines, will open a large branch in Calgary.

Moore & Whittington, contractors, of Victoria, have applied for waterfront privileges in order to erect a saw-mill which is to have a capacity of 20,000 feet per day.

The wood-working factory of W. Currie & Co., Campbellton, N.B., has been burned. Loss, \$50,000; insurance, \$20,000.

The saw manufacturing concern of Walter Wilson & Son, St. John, N.B., established since 1845, have completed the erection of a large new brick factory on a site adjoining their present location. It is 39 by 105 ft., equipped with the most modern devices and thoroughly heated and ventilated.

The Canadian Shipbuilding Co. have about completed their plant at Bridgeburg, Ont., and machinery has been installed to the value of several hundred thousand dollars. The works are considered one of the most modern in the marine shop line in America. It is expected that the shops will be open early in the navigation season.

Engineers are at work upon plans to lower the level of Okanagan Lake in British Columbia to the extent of four feet. The main reason for the improvement is to afford relief to the town of Kelowna, which is flooded by high water every spring. It will be done by dredging the outlet connecting Okanagan Lake with Dog Lake, incidentally affording water transportation to a rapidly growing district.

The Canada Southern Bridge Co., who are applying to Parliament for extension of time within which to complete a bridge or tunnel from Amherstburg towards Stony Island across the main channel of the Detroit River, have already expended \$1,450,000 on bridges in the locality. The time fixed by the agreement at present in force expires on May 7th next.

The bonus of \$250,000 offered two years ago, by Sydney, N.S., to any company starting a shipbuilding industry, is being claimed by a company recently formed, of which J. T. Burchell is president, and William Hayes, of Sydney, secretary. The company says it intends equipping a plant capable of building a 15,000-ton steamer per year, and will also build a floating drydock to hold an 8,000-ton vessel, and will keep a wrecking steamer at the port. It is said that Alexander Johnston & Co., of Stockholm, and the Dominion Coal Co. are largely interested.

The Locomotive and Machine Company, Limited, Montreal, have elected directors for the ensuing year as follows: A. J. Pitkin, Pliny Fisk, G. R. Sheldon, W. M. Barnum, K. W. Blackwell, J. Reid Wilson, and D. W. Morrow. At a subsequent meeting of the board of directors, the following officials were elected: A. J. Pitkin, president; J. E. Sague, vice-president; R. J. Gross, second vice-president; Leigh Best, secretary; C. B. Denny, treasurer; C. E. Patterson, comptroller.

Under the direction of the Secretary of Agriculture for the United States, a number of experiments have been undertaken during the past year with a view to determining whether or not a thoroughly practical concrete fence post, reinforced with steel, could be made sufficiently cheap to be used by farmers. The advantages of such fence posts would be many. The price of wood, particularly of the varieties used for fence posts, is continually rising, and even now the price is almost prohibitory in some sections of the country. Further, a properly constructed concrete post would be permanent, as it would neither rot nor undergo disintegration. A variety of methods of reinforcement have been tried, and experiments are still being conducted. The results thus far are said to have been most satisfactory. Experiments of a similar nature are about to be begun on methods for making concrete drains, watering troughs, roofs and barns, with the hope that concrete construction, so rapidly developing in the large cities, can be applied with benefit to the farm.

The London Brass Works Co.'s premises were damaged by fire to the extent of \$2,000. Cause unknown.

The C.P.R. will build a storage and cleaning plant of 3,000,000 bushels' capacity, at Fort William, Ont.

The New Glasgow Wire Factory, New Glasgow, N.S., will establish a branch of their business in Winnipeg.

It is said that the Grand River Metal Works will move from Galt. Several other towns are offering inducements.

Coal docks are to be built at Port Arthur, Ont., of such a size as to take care of the whole North-West coal trade.

A large cannery will be built at Esquimalt for handling the fish from the salmon fisheries on the Vancouver Island coast.

Montreal capitalists will erect a ten story hotel in that city at a cost of \$3,000,000. President Hays, of the Grand Trunk Pacific, is said to be one of the promoters.

The Campbellton, N.B., sash and door factory has been destroyed by fire. Loss, \$40,000, partially insured. This is the second mill belonging to this firm to be burned within a year.

La Fonderie de Plessisville, of Quebec, has had its powers increased so as to permit it to produce electricity and to run telephone or water works companies in the counties of Megantic and Arthabaska.

The Montreal & Ottawa Peat Co. has erected a new peat plant at Caledonia, Ont., with a capacity of 50 tons per day. A branch company has been organized to operate in Winnipeg, where they will turn out 150 tons per day.

The Government's subvention of \$50,000 towards a Dominion Exhibition will be given this year to the city of New Westminster, on condition that the money will be expended in freight on exhibits from other provinces.

The Georgian Bay Engineering Works, Midland, Ont., are putting a new babbit metal on the market, called the "Midland" bearing metal. G. W. Thexton, manager of this company, was presented at Christmas with a handsome gold watch by his men.

The Toronto Roller Bearing Co., manufacturing the Henderson roller bearings, intend to establish a branch in Winnipeg, employing 60 to 100 men, with a daily output of \$700 to \$800, the factory to open next fall. Hon. A. G. Blair recently became managing director of the company.

J. Gunn & Sons have been awarded the contract for the Canadian Northern Railway Company's bridge over the south branch of the Saskatchewan River within fifteen miles of Prince Albert. The structure consists of nine spans of 150 feet each, the track being 100 feet above low water. The piers are to be built of concrete, and the trusses of steel. The structure is to be completed by September 1st.

A company of English capitalists propose erecting large cement works at Sydney. The city will grant a bonus of \$10,000, and certain concessions. Operations are to commence in May. The plant will have capacity of five hundred barrels per day. There is to be a large coöperation in connection with the works. The cement will be manufactured from the slag, now a waste product of the Dominion Iron & Steel Company. The company is capitalized at half a million dollars.

The John McDougall Caledonian Iron Works Co., had a test made of their new Worthington turbine fire pump at the Canada Sugar Refining Co.'s works, Montreal, a few days ago, in the presence of a number of members of the Society of Civil Engineers. The visitors were very much interested in the test. The pump, which was driven by a Bullock direct-connected motor, has a capacity of 1,600 gallons per minute, against a pressure of 130 lbs. A description of this multi-stage turbine pump was given in this paper last year.

—We have received from Graham, Morton & Co., Limited, Leeds, England, 24-page booklet illustrating installations of all kinds of conveying machinery made by this company. They undertake the entire designing and construction of conveying, elevating, and other plants, and claim a world's speed record in the erection of their own plant. An interesting account of conveying plants, which had been installed by this company, recently appeared in the commercial supplement of the London Times.