

on Lake Champlain. The whole system will cover something like 150 miles, and the power is to be supplied by the Chambly Rapids Water & Power Company.

A TORONTO syndicate, which has been securing options on the stock of the Street Railway Company and other lines, of Hamilton, Ont., has laid before the city council a proposition looking to the control of the electric railways in that city. It is proposed that a company, to be known as the Hamilton Franchise Company, shall be formed to acquire from the syndicate the property upon which it has options, including the Hamilton and Dundas Railway. The syndicate will accept its pay half in stock of the company and half in bonds. The interest on these bonds is to be first charged on revenue of the company; then at 6 per cent. dividend on stock, after which the city is to receive all the balance of the net revenue up to \$20,000, when the stockholders may receive another 1 per cent., and the city all the remainder. The city is to relinquish its mileage and percentage on the Street Railway earnings, which now amount to about \$14,000 annually. The city will have the right to appoint certain directors in the new company. It is probable considerable discussion will take place before the deal goes through.

W. A. JOHNSON ELECTRIC COMPANY, 34 York street, Toronto, report the following sales made during the last 60 days, and not previously reported: Thomas B. Angus, Kingston, Ont., one 3 h.p. motor; Theo. Frederick, Ottawa, Ont., one 1 h.p. motor; Antelope Bicycle Works, Toronto, 12 h.p. motor; Nasmith & Co., Toronto, 4 h.p. motor; D. Hibner & Co., Berlin, 150 lt. incandescent plant; W. J. Miller, saw mill, Thessalon, Ont., 30 lt. incandescent plant; Grip Engraving Co., Toronto, four 8 h.p. motors; Murray Printing Co., Toronto, four 3 h.p. motors; Luxfer Prism Co., Toronto, our 600 ampere dynamo for depositing copper; Luxfer Prism Co., Toronto, one 4 h.p. and one 6 h.p. motor; McLaren & Co., St. Catharines, one 3 h.p. motor; Rat Portage, Ont., two 3 h.p. and one 5 h.p. motor; New Denver Electric Co., 500 lt. incandescent plant complete; Rat Portage Electric Co., 100 arc light automatic dynamo and lamps; Rat Portage Electric Co., one 4-panel marble plug switch board, 12 x 5, for four alternating dynamos and eight circuits and for one arc dynamo, and one power generator; Waterloo Electric Co., 1,000 light incandescent plant complete, with wiring for residences, stores, etc., 25 lt. arc plant complete, with long burning arc lamps, one marble switch board; Macgregor, Gourlay & Co., Galt, two power generators, two 8 h.p. motors, two 6 h.p. motors and wiring for 250 incandescent lamps, one marble switch board panel. The W. A. Johnson Electric Co. further reports many sales of long burning arc lamps for direct and alternating circuits, "chloride" accumulators, Wagner transformers, etc.

Railway Matters.

THE Township of Russell, Russell county, Ont., has voted a bonus of \$10,000 to the Ontario Pacific Ry. Co.

THE Restigouche and Victoria Railway Company is applying for an extension of time in which to complete surveys and begin construction.

THEOPHILE PERRAULT, Montreal, contractor, has sued C. N. Armstrong and John Rankin and the Pontiac Junction Railway Company for \$788.754.

THE Lake Dauphin Railway will be extended to Mossy River this year, it is said. The company also expect to make further extensions in 1898, probably to Swan Lake district.

THE Canadian Pacific Railway Company is now constructing, at Perth, Ont., one hundred refrigerator, ten furniture and sixty dump cars, the work on which is being rushed as rapidly as possible.

THE people of Cobourg, Ont., are asking for a subsidy for the Cobourg, Northumberland and Pacific Railway, a line projected to run from Cobourg to Central Ontario Junction on the C.P.R., a distance of 50 miles.

AN equalization of power is being made on the G.T.R. All the heavy locomotives are being sent to run between Belleville, Ont., and York, where the grades are the heaviest. The lighter engines will run east of Belleville.

J. H. N. MACLEOD, civil engineer for the Canadian Pacific Railway, has charge of a large and thoroughly equipped survey party which is locating the line of the Crow's Nest Pass road westward from Lethbridge, says *The Nelson Miner*.

THE Nanaimo-Alberni Railway Company, composed of Andrew Haslam, J. H. Davidson and others, is seeking incorporation for the purpose of constructing a railway about Alberni to Nanaimo, with power to operate telegraph and telephone lines, construct wharves docks, etc.

THE Restigouche Railway and Bridge Company applies for an act of incorporation to construct and operate a railway from a point of connection with the proposed railway of the Restigouche and Victoria Railway Company, at Campbelltown, N.B., to a point on the Bay Chaleurs Railway, in Quebec, and to construct, maintain and operate as a part of said proposed railway a bridge across the Restigouche River.

JUDGE QUIMET gave judgment, April 12th, in the case of A. R. McDonald, ex-superintendent of the Intercolonial Railway, against Charles Riordon of St. Catharines, the estate of the late John Macdonald and E. Boswell. The plaintiff claimed a large sum as due him in connection with the construction of the Temiscouata Railway, and the court gave judgment for \$197,000, with interest for seven years at 6 per cent. An appeal will be taken.

THE following directors were elected at the annual meeting of the C.P.R., held last month in Montreal: Sir Donald Smith, G.C.M.G.; Sir Wm. Van Horne, K.C.M.G., president; Thos. G. Shaughnessy, vice-president; Richard B. Angus, Montreal; Edmund B. Osler, M.P., Toronto; Sandford Fleming, C.E., C.M.G., Ottawa; Lieut.-Gov. Geo. A. Kirkpatrick, Toronto; Geo. R. Harris, Boston; Wilmot D. Matthews, Toronto; Hon. D. MacInnes, Hamilton; Thomas Skinner, London; J. W. MacKay and Gen. S. Thomas, New York.

AT the shops of the Canadian Pacific Railway at Hochelaga, Que., there will be built this summer twenty-one locomotives for the company's service, which will include two consolidated engines for the mountain section of the road; three compound, ten-wheel engines for the Pacific section, and four of the same kind for other sections of the line; six ten-wheel passenger engines for the western division, and six of the same for the eastern division. Five first-class passenger coaches, together with baggage, express and smoking cars, will also be manufactured for use on the Toronto, Hamilton and Buffalo section.

EDGAR FRENCH has been appointed assistant engineer of the G.T.R. western division, with office at Detroit, in place of G. Masson, retired.

R. W. BROCK, M.A., acting lecturer on mining and assaying in the Kingston School of Mines, has been appointed geologist on the Dominion Geological Survey, at \$1,100 per year.

E. P. HANNAFORD, civil engineer, whose services were dispensed with some time ago by C. M. Hays, manager of the Grand Trunk Railway, when he was inaugurating changes on the road, has taken an action for six thousand dollars against the G.T.R. for wrongful dismissal.

AMONG the prominent engineers who came from the United States to Montreal to tender for the construction work on the Victoria Bridge enlargement were Messrs. Bonzano and Clarke, New York; L. E. Todd, C. W. Bryan, S. P. Mitchell, and W. H. Cornell, Wilmington, Del.

LEWIS CARVELL, who in the early days of the Intercolonial Railway occupied the position of general superintendent, died April 13th in Toronto. Mr. Carvell's connection with the road dated back before the advent of the McKenzie Government. After some years' service he was succeeded by C. J. Brydges.

Industrial Notes.

AN hospital is proposed for Oshawa, Ont.

WALKERTON, ONT., will build a new town hall.

GRANT & KERR's new sawmill at Ladner's Landing, B.C., is nearing completion.

THE Canada Paper Co. is to build a pulp and paper mill at the new dam, Windsor Mills, Que.

J. FLEMING, iron founder, St. John, N.B., recently turned out a five-ton cylinder for a marine engine.

P. McMURRAY, Welland, Ont., has invented an acetylene gas generator, to cover which he has applied for a patent.

THE Webster Combination system of steam heating is handled in Canada by Darling Bros., Reliance Works, Montreal.

IT is said that the Grand Trunk moulding shops, at present located in Hamilton, Ont., will shortly be removed to London.