

THE Truro, N.S., Condensed Milk Company finished this year a new wing, built to provide an increased output for their products. The new building is now fitted up with improved machinery for condensing the milk and filling the cans. The condensed milk and condensed milk and coffee made by this company are now exported.

THE Canada Paint Co., of Montreal, is to develop the graphite mines in New Brunswick, says the *St. John Sun*. The mineral has been worked in the City of St. John, at intervals during the past forty years. Previous operators of these mines have shipped the mineral in its native state; but the Canada Paint Co. propose to place it on the market as a constituent of several of their well known products.

EXTENSIVE improvements have been commenced at the M.C.R. shops at St. Thomas, Ont. A new roof is being put on the old blacksmith shop, and all the buildings will be re-roofed. The smoke stalks are being renewed, and pneumatic hoists put in for all the large machines. It is reported that new machinery, the latest up to date, will shortly be put in, and the shops equipped for turning out a great deal more work than at present.

## Electric Flashes.

TORONTO JUNCTION is going to buy a new 40-light dynamo.

THE Holmes Electric Protection Co., Montreal, is being wound up.

AN electric railway is proposed to run between Richmond and Ottawa, Ont.

THE Island of Orleans will shortly be connected with Quebec by telephone.

DURING June the Galt, Preston and Hespeler Electric Railway carried 23,000 passengers.

THE construction of the Quebec Electric Railway is to proceed. Montreal capitalists are interested.

THE prospects of the Cornwall Electric Railway are good. It carried 10,000 people on a recent holiday.

THE Cataract Power Company offers to supply Hamilton with power to pump her water supply for \$13,000 yearly.

THE Listowel, Ont., Gas Co. intends soon installing an electric plant when the present contract for lighting the town expires.

JAMES REID, cabinet-maker, Kingston, Ont., is putting in an electric motor to run his machinery instead of employing steam power.

THE standpipe at the waterworks, Chatham, Ont., has been struck by lightning three times in a month and the electric alarm burnt out.

A PERMIT has been granted to the Toronto Electric Light Co. to erect a large power-house on the Esplanade, south of Scott street, to cost \$5,000.

G. C. HINTON, of Victoria, B.C., has installed a 500-light incandescent plant in the Victoria Lumber and Manufacturing Co.'s mills, at Chemaines, B.C.

ON July 1st the formal transfer of a portion of the C.P.R. was made to the Hull Electric Railway Co., and traffic was opened between Hull, Que., and Aylmer.

THE Hamilton Radial Electric Railway Company has closed a contract to fit a number of its cars with the brake manufactured by the Standard Air-Brake Company, New York.

THE Owen Sound Electric Light Co. is about to supply incandescent light as well as arc lights, and S. J. Parker, president of the company, is planning the enlargement of the plant to supply power.

THE Canadian Electric Railway and Power Co. seeks power to build an electric railway from Cobourg via Port Hope, Bowmanville, Oshawa, Whitby, Toronto, Oakville and Hamilton to Suspension Bridge and Niagara Falls.

AT the coming session of Parliament, application will be made for a charter for the Toronto Railway and Radial Co. It is proposed to convert the Belt Line which the G.T.R. found unprofitable into an electric road, and to build branches to outlying towns.

THAT taxes must be paid by the Bell Telephone Company on its poles in the town of Arnprior, Ont., at a valuation of \$1,000, is the decision of Judge Deacon recently given. The company claimed exemption on the ground that its income in the town was less than \$400.

THE Sherbrooke Telephone Co. is building one hundred miles of new lines.

MICKLE, DYMENT & SON have placed an electric lighting plant in their saw mill, at Severn, Ont.

THE heavy storm on July 20th, disabled the Gorge Electric Railway, but did no injury to Niagara Falls Park and River Railway.

THE Lachine Rapids Hydraulic Power and Land Co. are to erect poles along the aqueduct to bring in the power from Lachine to Montreal.

THE City of Toronto received tenders for the telephone privilege up to July 15th. Only one tender, that of the Bell Telephone Co., was received.

THE Hamilton, Grimsby and Beamsville Railway has received the grant of a free right of way from the municipality of Beamsville, Ont., which will be connected with Grimsby Park.

THE Niagara Falls Park and River Electric Railway Company has asked the Ontario Government to grant permission to lease 750 surplus horse-power which it cannot utilize, to Clifton and other corporations near Queen Victoria Park.

DELAYS which the promoters attribute to difficulties in obtaining a charter, have compelled those interested in the proposed Lanark-Perth, Ont., electric railway to ask for an extension of the time in which the bonuses voted might be earned.

JUDGE DAVIDSON, of Montreal, recently ruled that the street railway company had a right to use the earth for return circuit and dismissed the action for \$27,000 taken by the Bell Telephone Company. A great deal of expert evidence was heard.

THE Canadian Telephone Company, with a total capital stock of \$10,000, headquarters at Sawyerville, Que., applies to be incorporated for the construction and working of a telephone line in the County of Compton and other counties in the Province of Quebec.

THE Smith Vaile Company, of Dayton, Ohio, which has the contract for the plant of the Lachine Rapids Hydraulic Power and Land Company, has been awarded the contract for the plant to be put in on the Richelieu River, at a cost of \$550,000, not including the generators.

SURVEYS are now being made on the line of the Huron and Ontario Electric Railway between Port Perry, Walkerton, Kincardine, Meaford and Goderich, Ont. The work will be completed in about sixty days from the start, and track-laying will then be proceeded with immediately.

ROSS & MACKENZIE, of Montreal and Toronto, are to transform the street railway system of Birmingham, England, into an electric one, and to operate it. It is said that the Canadian syndicate is given control of the system for a period of 21 years upon the payment to the city of an annual rental of £5,000.

THE Montreal Street Railway has placed an electric street sweeper on its line. In the June number THE CANADIAN ENGINEER gave an illustrated description of this new means of street cleaning, which is the invention of A. J. Reynolds, of Montreal. The car was built at the works of the Rathbun Company, Deseronto, Ont., and is a success in every way.

THE daily papers all contain the following statement by Nicola Tesla, the electrician: "Yes, I did state that electricity can be transmitted long distances upon a commercial basis over a distance of at least five hundred miles. I will stake my reputation and my life upon it. I only qualify it by adding that the amount of power transmitted must be quite considerable."

MR. BURRILL, of the Drummond Lumber Co., Forest Dale, Que., recently worked out an ingenious device for lighting a country road at night. Having to travel through dark forest roads he constructed a storage battery in his wagon, and ran fine flexible wires along the reins to the head of each horse, where an incandescent light of small candle power was fixed to the head piece of the bridle. Thus wherever the horses looked they threw a stream of light in front of them—not strong, but enough to light the way and show any obstacles ahead.

FRANK J. WATSON, who has been connected with the G.T.R. for a number of years, has recently been appointed chief clerk in the offices at Hamilton, Ont. Before leaving Montreal, Mr. Watson was the recipient of a testimonial from the clerks in the Montreal offices, which took the form of a gold locket, set with diamonds, and an elaborate bookcase. The presentation was made by John J. Cunningham, assistant general freight agent of the Grand Trunk, who spoke in very flattering terms of Mr. Watson's ability as a railway man and the services he had rendered to the company.