

engineer and canal superintendent, and T. Crowley acted as overseer for the Government, with Thos Riley superintendent for the contractors. The work throughout was constructed of concrete, and cement was supplied by the Thorold Hydraulic Cement Works, estate of John Battle, proprietors.

WM. THOMSON & Co. have closed with Russell & Co., of Port Glasgow, for the construction of another steamer similar to the "Cheronea," "Platea" and "Arbela" (now building). She will be launched in April or May, and her dimensions will be as follows: Length of keel, 325 feet, breadth of beam, 48 feet, depth of hold, 26 feet 6 inches. She will be called the "Cunaxa." This vessel will be the fifth steamer added to the Messrs. Thomson's fleet.

FOUR of the passenger steamers sailing from Toronto were last season commanded by Picton men, says the *Times* of that town, namely: Captain Harry Solmes, of the new steel palace steamer "Corona"; Captain Robert Clapp, of that favorite steamer "Chicora"; Captain George O'Brien, of the favorite steamer "Empress of India"; Captain William Van Vlack, of the steam yacht "Cleopatra," also Captain Nelson Babbit, of the Toronto Ferry Company's line.

THE Bessemer Steamship Company, which is John D. Rockefeller's line of lake steamers and barges, has just closed a contract for the three largest ships on the lakes. The contract for these boats, one steamer and two consorts, was given to F. W. Wheeler & Co., Bay City, Mich., to be completed in May, 1898. The steamer's dimensions are 475 feet over all, 455 feet keel, fifty feet beam, and twenty-nine and a half feet deep. The engines will be quadruple expansion, the cylinders measuring twenty-eight, forty, fifty-nine, and eighty-five inches in diameter, with forty-two inches stroke. The barges will be 450 feet long, fifty feet beam, and twenty-eight and a half feet deep. They will carry 7,000 gross tons each. The boats will cost between five and six hundred thousand dollars. The Bessemer Company is figuring with other builders for two more boats of the same displacement for future delivery.

Electric Flashes.

NOBLE & BARBER, electrical contractors, have started in business in Montreal.

BRANTFORD, ONT., is making estimates on a civic lighting plant. The present lighting contract expires next year.

At a meeting of the Stratford city council last month, it was decided to advertise the electric street railway franchise for sale.

THE Royal Electric Co. is shipping the Hamilton Electric Light and Power Co. one of its single-phase 2,000 light alternators with station apparatus, etc.

THE successors to the electrical supply business of C. W. Henderson, Bleury street, Montreal, are Taylor, Telfer & Co., who will continue business at the same stand.

THE Kingsville Electric Light and Power Co. has placed an order with the Royal Electric Co. for a 50-light $6\frac{1}{2}$ amp. arc machine, with lamps for lighting the streets of Kingsville, Ont.

ROBERVAL, QUE., is to have an electric light plant., B. A. Scott, who has the matter in charge, has placed an order for the Crocker special turbines with the Jenckes Machine Co., Sherbrooke, Que.

THE American Rattan Co. has just completed its new factory and is moving to the town of Walkerton, Ont. It has bought from the Royal Electric Co., for lighting the factory, a complete electric lighting equipment.

PREMIER TURNER, of the British Columbia Government, has stated that the Government is ready to assist the C.P.R. in constructing a telegraph line from Telegraph Creek, on the Stickeen River, to Teslin Lake, the head waters of the Yukon.

MOODIE & SON, Terrebonne, Que., agricultural implement manufacturers, have completed their new factory and are lighting the same throughout with electricity. The order for the electrical apparatus has been placed with the Royal Electric Co., Montreal.

THE St. Jerome Electric Light Co., St. Jerome, Que., has bought from the Royal Electric Co., and is installing in that town a 50 k. w. "S.K.C." two-phase alternating current dynamo, with Stanley transformers, etc. There will be 750 lights installed when it starts up.

THE Crystal Beach Electric Street Railway Company, Limited, has been incorporated. The directors of the company are: H. W. Olmsted, C. P. Olmsted, O. B. Englisch, Oakfield; H. P. Thompson, Buffalo, N.Y.; L. Beecher, Batavia, N.Y., and A. O'Heir, Hamilton, Ont.

THE Hull, Que., Electric Company has purchased the Aylmer branch of the C.P.R., which is at present under lease, the price being in the neighborhood of \$100,000. Since leasing the road the Hull Company has double-tracked it from Hull to Aylmer, and improved the roadbed.

THE Hamilton, Ont., Street Railway Company's receipts have decreased considerably this year, as compared with those of last year, the decrease being attributed to the increase of bicycles in the city. The returns for the quarter ending September 30th show a falling off. The total revenue for the quarter is nearly \$4,000 less than in the same period last year.

THE Canadian General Electric Co. is building a power house and a pumping station at the Peterborough works. The contracts have been let as follows: Iron and steel work, the Hamilton Bridge Co.; window frames, St. Lawrence Foundry, Toronto; galvanized iron work, Douglas Bros., Toronto.

A. G. FRASER, London, is suing the London Street Railway Company for \$15,000 damages. He was pushed towards the edge of the platform, came in contact with one of the iron stays of the bridge the car was crossing, and fell a distance of about thirty feet. He claims the accident was due to the negligence of the company.

THE Windsor Electric Light and Power Co., Windsor, N.S., whose plant was destroyed by the late fire, has immediately started to rebuild, and has given an order to the Royal Electric Co. for apparatus and transformers, etc., consisting of "S.K.C." alternators and Stanley transformers. The ashes of the old station had hardly grown cold before the order for the new apparatus was placed.

GEO. C. RANKIN, London, promoter of the Chatham city and suburban electric railway, has withdrawn from the provisional company, Angus Sinclair, Chatham, taking his place. S. R. Miller and W. D. McRae, Detroit, have been elected to the board. The intention of the company is to secure the necessary amendment to their charter for the extension of the road north and south, and to push the work of construction.

THE Grand Trunk Railway has arrived at an agreement with the Hamilton Radial Railway Co. to allow the latter a crossing at Burlington, in return for the abolition of the level crossings over the G.T.R. line at Sherman avenue, and over the H. & N. W. division, near the beach. This gives the Radial a route into Oakville, Ont., and the extension will probably be built.

THE Canadian Cotton Mills Co., Milltown, N.B., has closed a contract with the Royal Electric Co. for a 30 k. w. "S.K.C." two-phase dynamo wound to deliver 110 volts to the service mains. Within the last eight weeks this is the third large manufacturing establishment to install one of these machines of the Royal Electric Co.'s make, the Penman Manufacturing Co., Paris, Ont., and the Cockshutt Plow Co., Brantford, being the other two.

JOHNSTON'S Electrical and Street Railway Directory for 1897 will be issued January 1st. This work contains complete and accurate lists of electric lighting companies, isolated plants, telephone, telegraph, street railway, and other electrical companies of the United States, Canada and Mexico, with full information regarding each, including the names of superintendents, purchasing agents, etc.; also lists of manufacturers of and dealers in electrical and street railway appliances.

THE Deschenes Electric Company, Limited, has taken out a license to supply electric light and power in the city of Ottawa and county of Carleton. The company, which was granted a charter in January, 1896, obtained from the Dominion Government the right to lay cables from the Ottawa River at the foot of the locks on both banks of the Rideau Canal to the canal basin, agreeing in return to supply electric current free for the lighting of the canal locks, basin, etc. The directors of the company are: W. J. Conroy, R. H. Conroy, Alex. Fraser, David MacLaren, and Charles Magee.

THE corporation of Fort William, Ont., is about to erect as complete an electric lighting plant as, perhaps, is in use in any town in Canada. There is being installed one 50-light 2,000 c. p. arc dynamo, with 35 double or all night lamps for lighting the streets of the town and the C. P. Railway yards, and for the incandescent service, and "S.K.C." alternating current dynamo with a capacity of 1,000 lights, with "Stanley" transformers throughout. The corporation expects to be in a position to furnish light by the 1st of January next. The electrical equipment has been bought from the Royal Electric Co., and the engines and boilers from the Robb Engineering Co., Amherstburg, N.S.

In the case of Lepitre vs. the Citizens' Light Co., we mentioned the judgment against the company for \$1,000. The details of the accident are as follows: The young man was employed one evening passing wires along a beam in a cellar, under which beam were wires