

JOHN CHILDERHOSE & SONS will probably establish an electric lighting plant at Eganville, Ont.

THE Richmond, Que., Electric Light Co. are going to replace all the semaphore signal lamps at the G.T.R. station at that place with electric lights, and the switches are all to be moved by electricity.

THE Halifax, N.S., Street Railway bill provides that the company shall pay the city 4 per cent. on its gross earnings, and pay the old company \$50,000, to be divided between the shareholders and landholders.

FRANCIS COTE, formerly with the Bell Telephone Company, and Abel Huot, have formed a partnership under the name of Huot & Cote, Montreal, and will establish electric plants throughout the Province of Quebec.

NICOLA TESLA, the "wizard of electricity," who was reported as being on the eve of important scientific discoveries, experienced a terribly severe loss in the burning last month of his workshop at New York. His condition was bordering on nervous exhaustion before the fire, owing to overwork, and the consequences of the latter on the inventor's mind may perhaps be serious.

AT the last meeting of the Hamilton city council it was stated that there was a possibility of the amalgamation of the Hamilton Grimsby and Beamsville, the Hamilton and Dundas Street Railway, and the projected Hamilton, Valley City and Waterloo Electric Railway. In any event, it was the opinion of the aldermen that a mileage rate and a percentage on the gross receipts should be exacted from these roads.

Personal.

G. D. O'FARRELL has been appointed inspector of lights at Quebec.

JOHN KELLY, of St John, has been appointed inspector of lights for New Brunswick.

J. H. HARDING, marine agent, and inspector of lights at St John, has been superannuated, and is succeeded by his son, F. J. Harding.

J. W. TAYLOR, late manager of the Peterborough Carbon and Porcelain Co., has resigned, and has been appointed to a similar position in the Ottawa Carbon and Porcelain Co.

P. J. SLATTEK, city and district passenger agent for the G.T.R. in Toronto, died last month, and J. A. McKenzie, who occupies a similar position in Woodstock, will be appointed to the vacant position.

J. O. THORN, manager of the Metallic Roofing Co., Toronto, has returned to Toronto after a two months' trip to Europe. Mr. Thorn reports business active in many lines of manufacturing in England.

FREDERIC NICHOLLS, of the Canadian General Electric Co., was elected first vice-president of the National Electric Light Association of the United States at the convention held in February at Cleveland, O.

The officers and members of the various branches of the C. A. S. E. will regret to learn of the accident which befel their executive secretary, James Devlin, of Kingston. Bro. Devlin, in jumping off an electric car the other day, fell and broke his leg. The mishap is all the more regrettable, as he had only lately got out from a bed of sickness.

Brief, but Interesting.

A SUBSIDY is being agitated for for the purpose of extending the Canada Eastern Railway to Hardwicke, N.B.

PROF. FLEMING, of the Royal Institution, London, Eng., believes that electricity is a wave motion of the ether of great rapidity similar to light, but with waves several yards in length instead of mere fractions, and that it would prove to be in this direction that the great discoveries of the future will be made.

ELECTRIC welding is now used to remedy blowholes in defective castings, by first drilling or chipping out the defects, and then heating the casting around in a gas or oil flame blast. Scraps of steel are then introduced, and the electric arc is applied to melt them. The result is a perfect joint, without seam or flaw of any kind.

TUNES of exceedingly light weight, but of great comparative strength, are now made from the best tool steel, a material that has hitherto not been drawn for this purpose, because of its excessive hardness.

The Patent Review.

- 46,904 C. W. Meggenhofen, Franklin, Ind., and A. S. Courtwright, Indianapolis, Ind., boring machine.
- 46,906 Wm. Young, Priorsford, Scotland, process for producing gas for illumination.
- 46,910 J. J. Hamilton, Neepawa, Man., device for changing motion.
- 46,912 E. Lloyd, Blue Island, Ill., balanced slide valve.
- 46,913 W. B. Hartridge, Balham, London, Eng., manufacture of fuel.
- 46,916 F. C. Blackwell, Enniskillen, Ont., apparatus for operating pumps in deep wells.
- 46,918 A. S. Petticrew, St. Louis, Mo., automatic receding saw-mill set-works.
- 46,920 W. J. Copp, Hamilton, Ont., cooking stove.
- 46,930 J. L. Gregory, Washoe City, new fire escape.
- 45,934 T. Seaton, senr., Toronto, pipe bender.
- 46,937 W. Thomson, Baron Kelvin of Largs, Glasgow, Scotland, electric meter.
- 46,939 S. Kimball, Montreal, fender for electric cars.
- 46,945 Florence L. Hartel, electro-magnetic switch.
- 46,949 Jas. Reginald Stocks and Richard Grundy, both of Toronto, automatic two-pole electric switch.
- 46,952 Thos. Thatcher, Utica, N.Y., extension car step.
- 46,953 H. C. F. Stormey, Christiania, Sweden, treating salts in solution by electrolysis.
- 46,955 P. Manhes, Lyons, France, manufacture of cobalt and nickel.
- 46,956 J. A. Mays, Adamstead, London, Eng., centrifugal apparatus.
- 46,957 Cole Manufacturing Co., Laconia, N.H., friction clutch.
- 46,958 Pneumatic Tire Co., Dublin, Ireland, pneumatic tire and rim for wheels.
- 46,963 A. G. Campbell, Sherbrooke, Que., cutting mechanism for mowers, etc.
- 46,964 J. F. Davey, Marlboro', Mass., pegging machine.
- 45,967 J. F. Ross, Toronto, method of hermetically sealing metallic vessels.
- 46,969 Geo. Bélanger, Beauport, and Pierre Marie A. Genest, Quebec, cement.

METAL IMPORTS FROM GREAT BRITAIN.

The following are the values in pounds sterling of shipments of metals, etc., from Great Britain to Canada, as shown by the British Board of Trade returns for February, and for the period up till the end of February of last year:

	February.		Two months ended February.	
	1894.	1895.	1894.	1895.
Hardware and Cutlery	£ 4,647	£ 4,301	£ 11,214	£ 7,547
Pig iron	539	209	2,092	209
Bar, etc.	1,092	989	3,057	2,291
Railroad	3,565	7,017
Hoops, sheets, etc.	1,455	1,244	4,350	2,865
Galvanized sheets	2,254	1,377	4,210	2,872
Tin plates	12,188	5,357	30,327	15,946
Cast, wrought, etc., iron ..	3,152	1,482	5,487	3,478
Old (for re-manufacture) ..	365	1,098
Steel	5,075	3,117	13,318	5,650
Lead	93	502	333	872
Tin, unwrought	1,117	904	2,867	3,760
Cement	1,238	30

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