

SPARKS.

Authority is being sought to operate an electric street railway at Belleville, Ont.

The Dominion Telegraph Co. have just paid a quarterly dividend of 1½ per cent.

A Belleville firm is said to have commenced the manufacture of electric street cars.

The Bell Telephone Co. and Montreal Telegraph Co. have each granted a quarterly dividend of two per cent.

Mr. Granville C. Cunningham, late City Engineer of Toronto, has been appointed electrical engineer of the Montreal City Passenger Railway Co.

Hang a wet towel in front of your electric fan and you will find that your room or office will be much cooler. Moist air is better than dry air for cooling purposes.—*New York Electrical Review.*

Mr. J. J. Wright and the members of his family, accompanied by Mr. A. B. Smith and family, recently spent a very pleasant week on board the yacht "Electric," cruising on Lake Ontario between Toronto and Kingston.

The importance of using good varnish in electrical apparatus cannot be over-estimated, says the *New York Electrical Review.* A good method of testing is to cover a sheet of paper with several coats of varnish, and attempt to pass a 3,000 volts alternating discharge through it. If the varnished paper resists the discharge, it is suitable for electrical use.

In an electric arc the positive pole is hotter than the negative, the positive showing a temperature of about 4,000 degrees C., the negative showing a temperature of 3,000 degrees to 3,500 degrees C. This difference of temperature produces a counter electromotive force which acts like ohmic resistance. The cause of the positive pole wearing away twice as fast as the negative is due to this difference in temperature.—*Scientific American.*

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"PRACTICAL,"
CANADIAN ELECTRICAL NEWS, Toronto.

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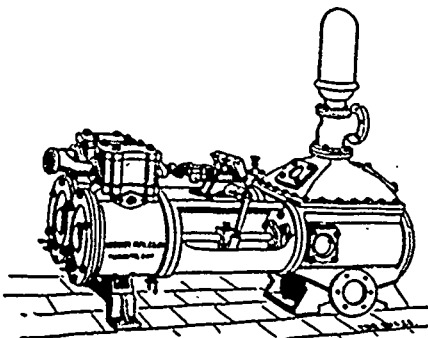
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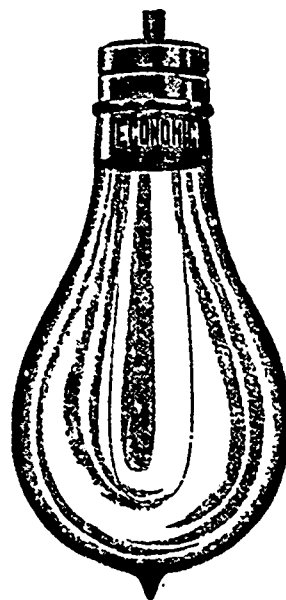
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