

CANADIAN ELECTRICAL ASSOCIATION.

A MEETING of the Executive Committee of the above association was held in Toronto, on the 8th of August. There were present, Messrs. J. J. Wright, (in the chair), K. J. Dunstan, John Yule, W. A. Johnston, D. Thomson, S. J. Parker, A. B. Smith and the Secretary. The accounts in connection with the holding of the Hamilton convention and the printing and distribution of the report of the same in pamphlet form, totalling about \$200, were passed and ordered to be paid. The sum of \$25 was also voted the Secretary-Treasurer to reimburse him for incidental expenses. The Treasurer reported that after paying all liabilities and the grant to himself, the balance to the credit of the Association would be \$200. A discussion ensued as to the nature of the statistics to be collected by the Committee on Statistics appointed at the Hamilton convention. The opinion prevailed that data might be procured as to the cost of supplying electric light and power which would be valuable as a guide to those in the business. The matter was finally left to the discretion of the Committee, of which Mr. D. Thomson was appointed chairman. Reference was made to the fact that the Dominion Government has placed in the estimates an appropriation to cover preliminary expenses in connection with the establishment of a system of electric light inspection. The opinion was that there was nothing objectionable in the proposal, provided meters could be got to correctly record the results of the operation of the various kind of electric apparatus. The Committee discussed the question of a Canadian electrical exhibit at the World's Fair. It was deemed inadvisable to take action, principally for two reasons. First, no trade would be likely to accrue to Canadian manufacturers from such an exhibit. In the opinion of many, did any such possibility exist it would speedily be converted into an impossibility by an increase in the U. S. tariff. Secondly, the unfriendly spirit which the Government of the United States has of late exhibited towards Canada, has given rise to the feeling that the people of the Dominion, electrical and otherwise, should refrain from taking any part in the approaching World's Fair. So far as the electrical interests are concerned, it was thought to be more wise to make an effort to hold a creditable exhibit in connection with the Toronto Industrial Exhibition of 1893. The Secretary was instructed to have the constitution and by laws, as revised at the recent convention, reprinted and distributed to members. The names of several persons were mentioned who will be asked to prepare papers for the meeting of the Association in January.

A SUGGESTION.

Editor ELECTRICAL NEWS.

SIR, - I have read with interest the report of the doings at the Canadian Electrical Association convention, and think it bids fair to be a splendid institution for those interested in the financial department of electrical business. There is one thing, however, that seems to be entirely omitted that is, the mechanical management of the business. I think there is no other business under the sun, in which the owners have to depend on their men so much as in electric lighting.

Do you not think that it would be profitable to both the proprietors and men who look after the plants, to form an association and meet in different places at stated periods. At such meetings, papers could be read, and discussed by the dynamo tenders and engineers. This, I am sure, would be of great benefit to all parties concerned. I was talking to a well-known dynamo man, a few days ago, about the matter. He said he had no interest in telephone business, and therefore would have nothing to do with the Canadian Electrical Association. The engineers have associations for the benefit of themselves, so should the dynamo men. Hoping that the matter will not drop, I remain, yours respectfully,

A DYNAMO MAN.

[The writer of the above appears to be under a misconception regarding the character and objects of the Canadian Electrical Association. It is not designed to be an institution in the interest only of persons whose capital has been invested in electrical enterprises; nor is it designed especially to promote the telephone interest, or, in short any sectional interest. On the contrary it is intended to be an association for the benefit of all persons in any way connected with or interested in the application of electricity to commercial or scientific uses. We cannot

agree with our correspondent's statement that the mechanical management of the business was entirely omitted from the proceedings of the recent convention at Hamilton, in proof of which we are able to point to Mr. Thomson's paper on "Central Stations," Mr. J. J. Wright's paper on "Steam and Electric Power," and Mr. Fisk's paper on "Carbon Manufacture," all of which contained information of value to persons charged with the care of electric lighting apparatus. The formation of more than one Association of persons representing electrical interests in Canada, is unnecessary. There is a field for the profitable operation of one such organization, but not for more than one. If the Canadian Electrical Association is lacking in its duty to any particular interest, those who have been placed in charge of its affairs will always be pleased to have their attention called to the fact, and will use their best endeavors to make good the deficiency. Meanwhile will our correspondent or some other "dynamo man," volunteer to prepare a paper for the January meeting of the Association, which would be instructive to others of their class? In a word, the way to make the Association of the greatest value to all is by becoming a member and then giving it the benefit of your personal ideas and effort. Editor E. NEWS.]

CORRECTION.

Editor ELECTRICAL NEWS.

SIR, I notice in an article on the C. A. S. E. picnic, published in your last issue, that Ryrie Bros. are said to have given the first-prize in the ladies' race. This is a mistake. Robin & Sadler, belt manufacturers, of Montreal, gave the very handsome card receiver which was given as first prize in the ladies' race; it was given by the Toronto agency of the firm, to whom I think a correction is due.

E. J. PHILLIPS,

Rec. Sec. C. A. S. E.

"THE FOREST CITY" LIGHTING STATION.

Editor ELECTRICAL NEWS.

DEAR SIR: While in London a short time ago, I visited the Forest City Electric Light plant, owned by Messrs. Hunt Bros. The plant is a frame building situated at the back of the flouring mill, of which Hunt Bros. are also the owners. The dynamo room is 30 x 40, the engine room is also 30 x 40, the boiler room 20 x 40, with a fine brick stack. There are seven dynamos of the T. & H. system, built by the Royal Electric Co., of Montreal, of the following dimensions. Four 40 lt. 2,000 c.p.; one 10 lt. 2,000 c.p.; and two 20 lt. 2,000 c.p.

These machines are wired to a Royal switch board, by the manipulation of which the load can be changed from one machine to another at a moment's notice. Their usual load is 180 2,000 c.p. arc lamps, 87 of which are private lights, the remaining 93 being city street lights. There is also in the dynamo room a nice screw cutting lathe, for making necessary repairs.

The motive power, in addition to water wheels, is supplied by a 150 h.p. and a 65 h.p. Leonard Ball high speed engines, supplied with steam from two large steel boilers. There is a good water power also, but not enough of it for both the mill and the lighting station.

Power is transmitted from the engines to a countershaft which is fitted with Waterous clutch pulleys, and in the centre of the shaft is a Waterous coupling, so as to allow one-half the plant to be run by steam and the other by water, whenever desirable.

The circuits consist of about 40 miles of No. 6 B. & S. wire. The firm are, at the present time, figuring on putting in a power generator for supplying customers all over the city. The lights are giving the best of satisfaction, notwithstanding the fact that no night inspectors are employed.

The electrical part is looked after by Mr. R. A. Lyons, while the steam engineering is under the supervision of Mr. R. Shapland and his assistant. Everything around this station, in both departments, is kept in good order, and reflects credit on the men in charge.

Yours truly,

TRAMP.

The machinery in the agricultural implement department of the Montreal industrial exhibition will be operated by electric motors.

The Consolidated Electric Co., of St. John, N. B., is constructing a new building to accommodate more engines and other machinery, and provide room for the balance of the machinery now at the old station of the New Brunswick company, and the new street railway generator