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THE ONTARIO ELECTRIC AND ENGINEERING COMPANY.

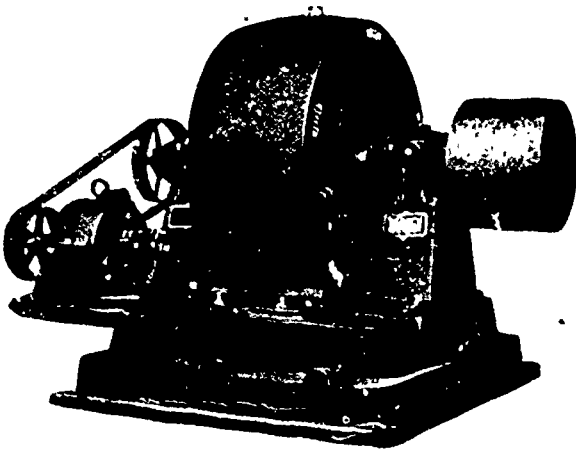
As a sign of the times and increasing prosperity in the industrial world, after a season of comparative inactivity, perhaps nothing is more encouraging than to note the appearance, from time to time, of new commercial enterprises springing up in spite of the blue ruinist's cry of hard times and keen competition.

It may be that, like ourselves, the promoters of these concerns hold their own opinions as to the time when best to launch out, and no doubt they have also the conviction that after a lengthened period of depression there must always come a revival in business.

Referring more particularly to the electrical industry, we note with pleasure the arrival into the Canadian field of the Ontario Electric and Engineering Co., Ltd., recently organized for the purpose of carrying on a general electric contracting, supply and repair business, with commodious headquarters at 77 to 81 Adelaide street west.

It is intended, we understand, to pay special attention to repair work, which feature will no doubt commend itself to central station men, who even with the best of good luck may sometimes require the quick co-operation of a well-equipped machine shop and competent engineers.

The secretary-treasurer, Mr. W. Heathcote, who for



60 K. W. SINGLE PHASE WARREN ALTERNATOR.

some years held a responsible position on the engineering staff of the Canadian General Electric Co., Ltd., is a gentleman of sound business experience and executive ability, who will doubtless perform his duties with credit to himself and profit to the company.

The position of chief engineer is held by Mr. Hazen Ritchie, A. I. E. E., a graduate of the Royal Military College, Kingston, who has had several years' experience with the larger companies both in England and on this continent.

The sales department will be in the hands of Mr. J. J. Ashworth, so well and favorably known to the electrical public as having been on the agency staff of the C. G. E. Co. since its inception, having only severed his connection to identify himself with the new enterprise.

We illustrate on this page a single phase alternating current dynamo which this company are now placing on the Canadian market. It is of the inductor type, with stationary armature, and, it is claimed, combines all the qualities of durability, slow speed (that of a 60 k.w. be-



ROTOR OF WARREN DYNAMO.

ing only 720 r. p. m.), good regulation, and high efficiency. The manufacturers are the Warren Electric Co., of Chicago, Ill., for whom the Ontario Electric and Engineering Co. are acting as sole agents for Canada. Sales are reported good, although the machine has been but a very few weeks before the public.

The company are also sole agents for the Eddy Electric Manufacturing Co., of Windsor, Conn., the well known makers of direct current machinery in all sizes.

The fact of being in a position to place apparatus of such high grade on the market, and having on its executive and engineering staff, men, each a specialist in his particular line, augurs well for the success of the company.

QUESTIONS AND ANSWERS.

C. L. F., Parry Sound, Ont., writes: I enclose three pieces of wire, viz., No.'s 18 iron, 18 and 16 copper magnet, American wire gauge. Will you please tell me what size they are in B. & S. gauge?

ANSWER. — American wire gauge is the same as B. & S. Gauge. Of the three pieces of wire, the long brown one is .033 in. = B. & S. between No. 18 and 19; the very small white insulation is .005 in. = B. & S. No. 36; the short piece is .064 in. = B. & S. No. 14.

A correspondent in an Eastern Ontario city writes: "I believe that you can, better than anyone else, favor me with a definite opinion as to the outlook for college graduates in the field of electrical engineering, and from what I can judge it is the most promising of all professions at the present time, and I would like to know, with some degree of certainty, whether the field is already over supplied, as is claimed in some quarters, or whether the fault of non-success experienced by some