

PUBLISHED ON THE FIFTH OF EVERY MONTH BY

# CHAS. H. MORTIMER.

OFFICE: CONFEDERATION LIFE BUILDING, Corner Yonge and Richmond Streets,

TORONTO,

CANADA.

Telephone 2362.

NEW YORK LIFE INSURANCE BUILDING, MONTREAL Hell Telephone 2209.

#### ADYRRTISKMENTS.

Advertising rates sent promptly on application. Orders for advertising should reach the office of publication not later than the seth day of the mouth immediately preceding date of issue. Changes in advertisements will be made whenever desired, without cost to the advertiser, but to insure proper compliance with the instructions of the advertiser, requests for change should reach the office as early as the z aid day of the north.

\*\*Example 2020 2020 2020

AUBNCRIPTIONA.

The Execution. News will be mailed to subscribers in the Dominion, or the United States, post free, for \$1.00 per annum, 50 cents for sia months. The price of subscription should be remitted by currency, registered letter, or postal order payable to C. H. Mortimer. Please do not send cheques on local lanks unless 5 cents is added for cost of discount. Money sent in unregistered letters will be at senders risk. Subscriptions from foreign countries embraced in the General Postal Union \$1.50 per annum. Subscriptions are justable in advance. The paper will be discontinued at expiration of term paid for if so stipulated by the subscriber, but where no such understanding exists, will be continued until instructions to discontinue are received and all arrearages paid.

Subscribers may have the mailing address changed as often as desired. When ordering change, always give the old as well as the new address.

The Publisher should be notified of the failure of subscribers to receive their paper promptly and regularly.

promptly and regularly.

EDITOR'S ANNOUNCEMENTS.

Correspondence is invited upon all topics legitimately coming within the scope of this journal.

The "Canadian Blectrical Bewa" has been appointed the official paper of the Canadian Electrical Association.

# CANADIAN ELECTRICAL ASSOCIATION.

### OFFICERS:

PRESIDENT

IOHN VUI.E, Manager Guelph Light & Power Company, Guelph, Ont.

IST VICE-PRESIDENT:

B. McFARLANE, Manager Eastern Department, Bell Telephone Company, Montreal.

2ND VICE-PRESIDENT:

E. C. BREITHAUPT, Electrical Engineer, Berlin, Ont. SACHKTARY-THRASURER :

C. H. MORTIMER, Publisher Electrical News, Toronto.

EXECUTIVE COMMITTEE: GEO. BLACK, G. N. W. Telegraph Co., Hamilton. J. A. KAMMERER, General Agent, Royal Electric Co., Toronto. K. J. DUNSTAN, Local Manager Hell Telephone Company, Toronto, A. M. WICKENS, Electrician Parliament Buildings, Toronto.

1. J. WRIGHT, Manager Toronto Electric Light Company, Toronto

ROSS MACKENZIE, Manager Niagara Falls Park and River Railway, Niagara Falls, Ont.

A. II, SMITH, Superintendent G. N. W. Telegraph Co., Toronto. JOHN CARROLL, Sec. Treas. Eugene F. Phillips Electrical Works, Montreal. C. B. HUNT, London Electric Company, London.

F. C. ARMSTRONG, Canadian General Electric Co., Toronto,

#### CANADIAN ASSOCIATION OF STATIONARY ENGINEERS.

President, W. G. BLACKGROVE, Vice-President, JAMES DEVLIN, Secretary, E. J. PHILIP, Treasurer, R. C. PETTIGREW, Conductor, W. F. CHAPMAN, Dow Keeper, F. G. JOHNSTON,

54 Winlmer St., Toronto, Ont. Kingston, Ont. 11 Cumberland St., Toronto, 04 West Avenue N., Hamilton. Hinckville, Ont. Ot awa, Ont.

TORONTO IRANCH NO. 1. Meets 1st and rel Wednesday each month in Engineery Hall, 61 Victoria street. John Fox, President; Chas. Moneley, Vice-President; T. Eversfield, Meconling Secretary, University Crescent.

MONTREAL IRANCH NO. 1. Meets 1st and 1rd Thresday each month, in Engineers Hall, Craig street. President, John Murthy; 1st Vice-President, J. E. Huntington, 1rd Vice-President, Wm Smyth; Secretary, R. Architakt Vork; Trea uter, Peter McNaugton.

ST. LAURENT BRANCH NO. 2.—Meets every Monday evening at 43 Home-cours street, Montreal. R. Drouin, President; Affred Latour, Secretary, 30/ Delide street, St. Cuneconde.

MERGANION, MAN., BRANCH NO. 1.—Meets ist and gel Friday each month, in City Hall. A. R. Crawford, President! Arthur Flowing, Secretary.

HAMHLTON BRANCH NO. 2 Meets 1st and 3rd Fislay each menth in laceabers (Iall. Wn. Noris, President; E. Teeter, Vice-President; Jac Iron-des, Corresponding Secretary. STRATFORD BRANCH NO. . John Hoy, President; Samuel H. Weit,

HRANTFORD BRANCH NO. 4. Meets and 4th Friday each month, J. H. Forsyth, President; Jos. Ogle, Vice-President; T. Pilgrim, Continental Cord-age Co., Secretary.

LONDON BRANCH NO. 5.—Meets once a month in the Huron and Eric Loan Savings Co.'s block. Robert Simmie, President; E. Kidner, Vice-President; Wm Meaden, Secretary Treasurer, 533 Richmond street.

GUELPH BRANCH NO. 6.—Meets ast and 3rd Wednesday each month at 7,30 p.m. H. Geary, President; Thos. Anderson, Vice-President; H. Flewelling, Res. Secretary; P. Kyan, Fin. Secretary; Treasurer, C. F. Jordan.
OTTAWA BRANCH NO. 7.—Meet every second and fourth Saurday in each month, in Borbridge's hall, Rideau street; Frank Robert, President; F. Merrill, Secretary, 332 Wellington street.

DRESDEN BRANCH NO. 8 .- Meets 1st and Thursday in each month. Thos

Steeper, Secretary.

IERLIN BRANCH NO. 9.—Meets and and 4th Saturday e ch month at 8 p.m.

J. R. Utley, President; G. Steinmetr, Vice-President; Secretary and Treasurer,
W. J. Rhodes, Berlin, Ont.

KINGSTON BRANCH NO. 10.—Meets 1st and 3rd Tuesday in each month in
Fraser Hall, King street, at 8 p.m. President, S. Donnelly; Vice-President, He ry
Hopkins; Secretary, J. W. Tands in.

WINNIPEG BRANCH NO. 11.—President, G. M. Harlett; Rec.-Secretary,
J. Sutherland; Financial Secretary, A. B. Jones.

KINCARDINE BRANCH NO 12.—Meets every Tuesday at 8 o'clock, in McKibbon's block. President, Daniel Bennett; Vice President, Joseph Lighthall;
Secretary, Percy C. Walker, Waterworks.

WIARTON BRANCH NO. 12.—President. Wm. Craddock; Rec.-Secretary,

WIARTON BRANCH NO. 13.-President, Wm. Craddock; Rec.-Secretary, Ed. Dunham

PETERBOROUGH BRANCH NO. 14 - Meets 2nd and 4th Wednesday in 14 h Month W. L. Outhwaite, President; W Forster, Vice-President; A. E. Mceach month - w.. Callum, Secretary:

BROCKVILLE BRANCH NO. 15.—President, Archibald Franklin; Vice-President, John Grundy; Recording Secretary, James Aikins,
CARLETON PLACE BRANCH NO. 16.—Meets every Saturday evening.
President, Jos. McKay; Secretary, J. D. Armstrong.

### ONTARIO ASSOCIATION OF STATIONARY ENGINEERS.

BOATD OF KAMINERS

Brantford, Ont.
London, Ont.
98 Caroline St., Toronto.
28 Napier st., Hamilton.
Toronto. President, A. AMES, Vice-President, F. G. MITCHELL Registrat, A. E. EDKINS Treasurer, R. MACKIE, Solicitor, J. A. MCANDREWS,

Noticitor, J. A. MCANDELWS, Toronto.
TORONTO -A. F. Edlins, A. M.Wickens, E. J. Phillips, F. Donaldson, J. Rain, HAMHETON-R. Mackie, T. Elliott, BRANTFORD-A. Ames, care l'atterson & Sone, OTTAWA--Thomas Wesley, KINGSTON-J. Devlin, (Chief Engineer Penitentiary), J. Campbell, IONBON-F. Mitchell, NIAGARA FALLS-W. Phillips.

Information regarding examinations will be furnished on application to any confer of the Board.

laffuence of the Telegraph.

"THANKS to the telegraph," said Lord Dufferin at the annual banquet of the British Chamber of Commerce of Paris,

"the globe itself has become a mere bundle of nerves, and the slightest disturbance at any one point of the system sends a portentous tremor through its morbidlysensitive surface."

As we go to press, an International International Elec-Electrical Congress is in progress at trical Congress. Geneva, under the auspices of the Swiss

Society of Electrical Engineers. The prominent electrical societies of Europe and the American Institute of Electrical Engineers are giving their support to the undertaking. The following subjects are set for discussion: "Magnetic Units," Photometric Units," "Transmission and Distribution of Power to Great Distances by Means of Direct and Alternating Currents," "Protection of High-pressure Overhead Electric Lines against Atmospheric Discharges," "Various Disturbances Caused by Electric Traction."

Lamps.

PROBABLY in no department of electrical Prices of Incandescent supplies has competition and the cutting of prices been reduced to so fine a point

as in that of incandescent lamps. Prices have eventually got down below the profit line, and as a result the American manufacturers recently held a conference in New York, at which an understanding is said to have been reached which is expected to put a stop to the disastrous under-cutting of the past. Each company is said to have deposited the sum of \$5,000 as a guarantee of its willingness to abide by the agreement, and a fine of 10 cents per lamp will, it is said, be imposed for selling below standard rates. Future prices will range from 22 cents for lamps of 8 to 25 c.p., to \$1.65 for