

**ALEX. BARRIE & CO.**  
MANUFACTURERS OF  
**RUBBER INSULATED ELECTRIC WIRES**  
and CABLES  
Tel. 1074 ♦ 589 St. Paul Street, MONTREAL

**JAMES MILNE**  
Mem. Can. Soc. Civ. Eng. Late Gen. Sup't. Toronto Incandescent Light Co. Teacher Electrical Engineering, Steam and Steam Engine, Toronto Technical School.

**CONSULTING ENGINEER**

Plans, Specifications, Superintendence, Advice, Estimates on Steam, Hydraulic and Electrical Plants. 'Special Machinery designed.  
SPECIALTIES: Steam and the Steam Engine, including Evaporative Tests, Efficiency Tests of Steam, Hydraulic and Electrical Plants. Central Station Management reports carefully prepared.

Office: 80 Canada Life Building, TORONTO, ONT.

CHARLES F. CLARK, President. JARED CHITTENDEN, Treasurer.  
ESTABLISHED 1849.

**THE BRADSTREET MERCANTILE AGENCY**

THE BRADSTREET COMPANY, Proprietors  
346 & 348 Broadway, NEW YORK.  
Offices in the principal cities of the United States, Canada, the European Continent, Australia, and in London, England.

The Bradstreet Company is the oldest, and financially, the strongest organization of its kind—working in one interest and under one management—with wider ramifications, with more capital invested in the business, and it expends more money every year for the collection and dissemination of information than any similar institution in the world.


TORONTO OFFICES:  
McKinnon Bldg., Cor. Jordan & Melinda Sts.  
THOS. C. IRVING, Superintendent.

If you want to . . . . .  
**SELL ANYTHING**  
to the wholesale and retail hardware merchants and manufacturers  
**ANYWHERE**  
in Canada, you can reach them through  
**THE CANADIAN HARDWARE AND METAL MERCHANT**  
MONTREAL and TORONTO  
Circulates in Every Province.

**CANADIAN OFFICE & SCHOOL FURNITURE CO. LIMITED**  
PRESTON ONT.  
FINE BANK OFFICE, COURT HOUSE & DRUG STORE FITTINGS. OFFICE, SCHOOL, CHURCH & LODGE FURNITURE.  
SEND FOR CATALOGUE

**TENDERS WANTED**  
A Weekly Journal of advance information and public works.  
The recognized medium for advertisements for 'Tenders.'  
**CANADIAN CONTRACT RECORD**  
TORONTO.

**HELP YOURSELF**  
to a better position, a better salary, by securing a technical education. Our method leads to sure success. Complete courses in  
**ELECTRICAL ENGINEERING**  
Steam, Mechanical or Civil Engineering; Mathematics; Chemistry; Mining; Mechanical or Architectural Drawing; Surveying; Plumbing; Architecture; Metal Pattern Drafting; Prospecting; Book-Keeping; Shorthand; English Branches  
**TAUGHT BY MAIL**  
Circular free. State subject you wish to study. Estab. 1861. 45,000 students and graduates. The International Correspondence Schools, Box 100, Scranton, Pa.  
**\$2.00**  
Month



The Packard Electric Co., Limited  
MAKERS OF  
**Lamps and Transformers**  
SOLE AGENTS FOR . . . .  
Ssheeffe Recording Watt Meters  
\* \* \* \* \*  
ST. CATHARINES, ONT.



**WRITE FOR PRICES ON LAMPS**  
Sockets, Cut-Outs, Wiring Supplies, Induction Alternators, Etc., Etc., Etc.  
**MUNDERLOH & CO.**  
61 St. Sulpice St., MONTREAL

**WESTON ELECTRICAL INSTRUMENT CO.**  
114-120 William Street.  
NEWARK, N.J., U.S.A.



**WESTON STANDARD PORTABLE**  
Direct-Reading  
VOLTMETERS, MILLIVOLTMETERS, VOLTAMMETERS, AMMETERS, MILLIAMMETERS, GROUND DETECTORS AND CIRCUIT TESTERS, OHMMETERS, PORTABLE GALVANOMETERS

Our Portable Instruments are recognized as THE STANDARD the world over. Our STATION AMMETERS and VOLTMETERS are unsurpassed in point of extreme accuracy and lowest consumption of energy.

An advertisement in the ELECTRICAL NEWS brings prompt returns.

**Can I Become an Electrical Engineer?**

For our free book entitled "Can I Become An Electrical Engineer?" address  
**The Electrical Engineer Institute of Correspondence Instruction**  
(Conducted under the auspices of "THE ELECTRICAL ENGINEER")  
**HERMAN A. STRAUSS, E. E., General Manager.** 120 LIBERTY STREET, NEW YORK, U. S. A.

Please mention the CANADIAN ELECTRICAL NEWS when corresponding with Advertisers