C. H. VOGEL

A. M. Can. Soc C.E. OTTAWA, CAN. ENGINEER

Surveys, Plans, Specifications and Supervision WATER POWER PAPER, PULP and SULPHITE FIBRE MILLS

K. L. AITKEN

Consulting Electrical Engineer.

161 Bay Street, TORONTO.

Long Distance Phones (Office, Main 1482, Res., North 2239.

T. A. MORRISON & CO.

202 St. James Street

MONTREAL

Contractors Plant, New and Second hand Steel Jaw Stone Crushers, all sizes. Sturtevant Roll Jaw and Rotary Fino Crushers. Balanced and Contrilugal Rolls, Emery Mills, Steam Road Rollers, Bollers and Engines, Rock Drills, Concreto Stone, Bridge and Building Limestone, Bricks, etc., etc.

C. J. FENSOM, B. A. Sc.

Consulting Engineer

ABERDEEN CHAMBERS, . TORONTO

Phones Office, M. 1923 Residence, N. 2967 Machinery Designed, Supervised, Inspected and Contracted for. Tests, Reports, Electric Light Plants, Power Plants, Pumping Plants.

First-class mills uso

LOWELL CRAYONS WHY? THEY ARE WORTH THEIR COST.

Will you try our Samples?

LOWELL CRAYON CO., Lowell, Mass. Original Manufacturers.

PATENTS

TRADE MARKS, Etc. HANBURY A. BUDDEN

NEW YORK LIFE BUILDING, MONTREAL.

RODERICK J. PARKE

A.M. AMER. INST. E.E. A.M. CAN. SOC. C.E

CONSULTING ENGINEER

Janes Building, . . TORONTO

Long Distance Telephone.

TO MANUFACTURERS: — Advice and specifications covering Industrial Applications of Electricity—Lighting—Power Transmission—Factory Power Distribution—Steam Plants.

TESTS-REPORTS-VALUATIONS.

The Kowe-Taller C.

FIRE BRICK SILICA FIRE CLAY ALUMHITE SILICA GEMENT

MACNESITE BURNT MACHESITE

Our factories are the most complete in the country. Located in Pennsylvania, Ohio, and Kentucky-and controlling the largest known bodies of Refractory materials for different work. Operated by experienced managers. We manufacture material for all heat work-second to none.

Capacity over 200,000 Brick and Special Shapes per day. Write for catalogue.

Keystone Engineering Co.

118 Bay Street, TORONTO, CAN.

Consulting and Contracting Electrical Engineers, Complete Power Plants Designed and Equipped National Electric Code Standard Whing, Advisory Reports Repairs, Alterations, Etc. Phone, Main 3921.

ROBERT W. HUNT & CO.

Bureau of Inspection, Tests and Consultation.

66 Broadway, New York; 1121 The Rookery, CHICAGO; Monongahela Bank Bldg, Pffranthon; Norfolk House, Cannon St., E.C. London, Inspection of Rails and Fastenings, Cars. Loco-motives, Pipe, etc.; Bridges, Buildings and other Structures. Chemical and Physical Laboratories, Reports and estimates on properties and processes.

JOHN J. GARTSHORE

83 Front St. W., Toronto.

Rails and SUPPLIES,

New and Secondnand,

For RAILWAYS, TRAMWAYS, ETC. Old material bought and sold.

Send for Catalogue and Price



Mirs. of Set, Cap and Special S grows, Study, Finished Nuts, etc.

WM. BARBER & BROS. Georgetown, Ont.

Manufacturers of

and Fine Papers. Book

Toronto Paper Manufacturing Co., Cornwall, Ont.

Manufacturers of Engine Sized Superfine Papers, White and Tinted Book Papers, Blue and ('ream Laid and Wovo Foolscaps, Account, Envelope and Lithographic Papers, etc.



R. SPENCE & CO

HAMILTON, ONT.

FILE and RASP MANUFACTURERS AND RE-CUTTERS.

A trial order solicited. Write for terms. C. P. MOORE, PROPRIETOR.

Dominion Oil Cloth Go.

of Every Oilcloths of Every Description.

Floor Oil-Cloth, Table Oil-Cloth, Carriage Oil-Cloth, Enamelled Oil-Cloth, Stair Oil-Cloth, etc.

OFFICE AND WORKS: Cor. St. Catherine and Parthenais Streets MONTREAL, Que.

Established 1873.

Telephone Main 1889.

THOMAS HEYS & SON

CHARLES H. HEYS, Manager. CHEMICAL and MINING EXPERTS. Analyses of all commercial products, etc. Plans and reports on mines and mining location. 114 Bay Street, TORONTO, ONT.



Draughting and Designing of Special Machinery Industrial Plants 14 Leader Lane Phone, Main 6035

TORONTO, THT.

H. D. PETRIE

Barrister, Solicitor, Motary Spectator Bullding, HAMILTON, ONT.

Companies Incorporated. Commercial Law and Collections.

NEFF & POSTLETHWAITE CHARTERED ACCOUNTANTS

26 Wollington St. East, TORONTO 'Phone Main 1880.

Audits and Investigations a Specialty

S. DILLON-MILLS MINING EXPERT

Mining Proporties examined and developed, reports furnished. Twenty years experi ence in Furnace and Mining Work

688 HURON STREET. - TORONTO

Advertise in

THE CANADIAN MANUFACTURER

W. H. STOREY & SON, Ilmited. Acton, Onf. Manufacturers FINE GLOYES and MITTS in overy variety and style, Moccasins

F. W. HORE & SON, Limited, HAMILTON.
Manufacturers of

CARRIAGE, WAGGON, AND SLEIGH WOOD WORK

MACHINERY

Wire Drawing. Chain Making.

Core Machines for general foundry practice.

> Vitrified Sewer Pipe. Rubber Washing.

Reclaimed Rubber Water Separators.

Write us -

The TURNER, VAUGHN & TAYLOR CO. Cuyahoga Falls, O., U.S.A.