

## Personal.

WM MURDOCK, C.E., has prepared a new map of St. John, which has been published by C. D. McAlpine, of that city.

PROF COLEMAN, of the School of Practical Science, has been appointed geologist and mineralogist to the Ontario Bureau of Mines.

H. A. MASSEY, head of the Massey-Harris Co., is gradually recovering from his illness, and is now in Muskoka for the benefit of his health.

GEO. A. SPOTSWOOD, M.E., Kingston, has gone to Labrador and Newfoundland, to examine some oil regions, and copper and asbestos mines.

WM. PERRY, hydraulic engineer, Montreal, has been appointed an expert for the valuation of the Louisville, Que., water works by the corporation of that town.

F. H. MASON, F.C.S., etc., Truro, N.S., who recently returned from a business trip to England, has added considerable to his laboratory plant, and is now in a position to undertake all classes of assaying, mineral analysis, analysis of water for boiler purposes, etc.

The following Canadians have received the degree of "Mechanical Engineer" at Cornell University: W. F. McLaren, Hamilton; W. G. Krantz, Berlin, Ont.; and J. H. Meikle, Morrisburg, Ont. The degree of Master of Mechanical Engineering has been conferred on Thos. Hall, Washington, Ont.

EUGENE ORESLYCK, late foreman in the Chanteloup foundry, Montreal, was found at his home on July 23rd suffocated from gas. He had lost his place a couple of weeks before and seemed discouraged. The gas was found turned on in his room, but whether it was intentionally or inadvertently done is not known.

We regret to hear of the death of Mrs. Perry, the wife of Wm. Perry, the well known hydraulic engineer, of Montreal, which occurred suddenly at Outremont last month. She was born in St.

John's, Que., and was, at the time of her death, aged 55. Mrs. Perry was much respected in the neighborhood, and her husband has the sympathy of his many friends in his sad bereavement.

**PATENTS** procured for Canada, United States, Great Britain, etc.  
**Fetherstonhaugh & Co.,** Patent Barristers, Solicitors and Experts, Bank of Commerce Building, King Street West, Toronto.

**BROCKHUES & CO., COLOGNE, Germany**  
PATENT AGENTS FOR OBTAINING AND UTILIZING  
**PATENTS** In Germany and Abroad.  
**INTERNATIONAL TECHNICAL OFFICES**  
REFERENCE: AMERICAN CONSULATE, COLOGNE

**RIDOUT & MAYBEE** — SOLICITORS OF —  
Pamphlet on Patents, Trade Marks, etc., sent free to any address on application.  
**PATENTS**  
JOHN G. RIDOUT, Barrister, etc. (late C.E.)  
J. EDW. MAYBEE, Mechanical Engineer. 103 Bay Street, Toronto

**SOLICITOR OF PATENTS**  
J. A. GRENIER, C.E. Imperial Bldg., Room 83, Montreal  
Patents, Trade Marks, Industrial Designs, Caveats, etc., for Canada, United States, and all foreign countries.  
Hydraulic Engineering a specialty. Send for book of Instructions to Inventors

Established 1884, with twenty years professional experience in Canada, England and Germany.  
**A. HARVEY, C.E., Patent Attorney**  
**OTTAWA, CAN.**  
Offices: Rooms 33 and 34, Central Chambers.  
Address: Postal Box 1071. TELEPHONE  
Send for Circular 48A, "How to Obtain a Patent."

**HANBURY A. BUDDEN,**  
... ADVOCATE ...  
Solicitor and Attorney in Patent and Trade Mark Cases.  
OFFICE, ROOM 517 NEW YORK LIFE BUILDING, - - - MONTREAL

## TENDERS WANTED.

TENDERS will be received by the undersigned until Wednesday, the 15th August, 1894, for the erection and furnishing of an electric light plant, including poles and wire, lamps, etc., etc., and for erecting a power house on the water power owned by the Town of Trenton, to be owned and operated by the municipality.

Also a tender for lighting the Town of Trenton, the tender to state price separately, and to furnish their own plans and specifications.

Further information can be obtained from the undersigned.

The lowest or any tender not necessarily accepted.

GEORGE CROWE,

Chairman Fire, Market and Police Committee,  
Trenton, Ont.

Trenton, 25th July, 1894.

## The School of Mining, KINGSTON, ONTARIO.

COURSE leading to degree in Mining, Engineering, including thorough study of Mathematics, Physics, Chemistry, Assaying, Mineralogy, Geology, Petrography, Surveying, Prospecting and Mining. Special courses in Chemical Analysis and Assaying, and for Prospectors. Well equipped Chemical, Assay, Mineralogical and Petrographical Laboratories.

A Mining Laboratory furnished with Mills, Concentrators, etc., in course of construction. Situation convenient to mining region. Expenses small.

For calendar address

WM. MASON, Bursar.

## WILL EXCEL ALL OTHERS

Canada's Great

**Industrial Fair!**  
**TORONTO**  
Sept. 3 to 15, 1894

Vast improvements this year. Exhibits and attractions greater and grander than ever. All entries close Aug. 11th. The best holiday outing of the year. Cheap excursions on all the railways.

J. J. WITHROW, President. H. J. HILL, Manager, Toronto.



ROBERTSON THOMPSON  
\$40.00

### Y SHOULD U PAY U



IMPROVED  
Straight Line  
\$40.00

\$5.00 for an Indicator when you can get either of these for \$40.00, packed in first class, finest workmanship, finest material, and the best designs.  
Send for circular of Reducing Wheels, Planimeters, Three-Way Cocks and 25 other high grade specialties.

**HINE & ROBERTSON CO.,**  
40 Cortlandt St., New York.

**R. SPENCE & CO.,**  
BEECH FILE WORKS,  
Hamilton, Ont.  
Manufacturers of  
**FILES and RASPS.**  
Recutting in all Branches.

## Stiek Fast Belt Dressing



Prevents Slipping. Increases Power.  
Gives Steady and Regular Motion.  
Keeps Belts Pliable and Strong.  
Used by all large Manufacturers in the Dominion.

**HORACE R. RIDOUT**

22 JOHN STREET . . . MONTREAL  
Sole Manufacturer for Dominion.  
Send for Circular, Testimonials and Sample.

## TORONTO WIRE AND IRON WORKS

Manufacture BANK RAILINGS in Electro Bronze, Nickel and Plain Finishes.



Tellers' Boxes and all kinds of Office Fittings in Brass and Iron.

**GEO. B. MEADOWS** (late T. G. Rice)  
128 King Street West, TORONTO  
Estimates supplied upon application.

## IMPORTANT to Founders, Engineers and Machinists

### Rust-proof Compound

for Iron Patterns. Cheaper than wax, easier to apply, and patterns do not require to be heated.

Bright Iron or Steel cannot rust when covered with

### Rust-proof Lacquer

It is transparent. Easy to apply or remove.

STEAM-FITTERS'

### Bronzing Lacquer

for Radiators, Coils and General Iron Work.  
It will not scale or burn off.

**JOHN CLENDINNENG**, 2141 St. James Street  
ST. HENRY, MONTREAL