

GURNEY HOT WATER HEATING

—) FOR (—

GREEN HOUSE,

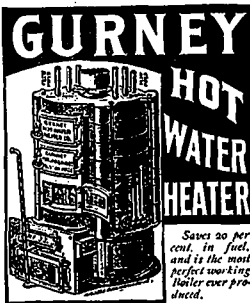
PUBLIC BUILDING

AND PRIVATE RESIDENCE.

NECESS IN OPERATION,

NO DANGER OF EXPLOSION,

E TEMPERATURE OF HEAT.



Saves 50 per cent. in fuel, in fact, and is the most perfect working boiler ever produced.

We have placed over 2000 of our Boilers during the past three years, and have heard nothing but praise and satisfaction. Below we give

A RECENT TESTIMONIAL:

Woonstock, Feb. 16, 1888.

E. & C. GURNEY CO., TORONTO.

GENTLEMEN,—The No. 32 Hot Water Heater we bought of you for heating our offices is doing splendidly. When it was being put in we frankly admit we had serious doubts if a heater which appeared so small for the duty required of it would warm the offices sufficiently during the severe cold of winter. We are pleased to say, however, that during the days of intense cold through which we have just passed, our offices have been really uncomfortably warm, and this, too, without any forcing of the fire. The consumption of coal has been very light, and we have to express our perfect satisfaction with the heater.

Yours truly,
(Signed) THE PATTERSON BROS. & CO., LTD.

— MANUFACTURED BY: —

THE E. & C. GURNEY CO., LTD.
TORONTO, - HAMILTON, - MONTREAL, - WINNIPEG.
GURNEY HOT WATER HEATER CO., Boston.

For sale by all the leading Fitters. Send for our book of testimonials, and illustrated description.

AIKENHEAD & CROMBIE,
Cor. King and Yonge Sts. TORONTO
BUILDERS' HARDWARE.

AGENTS FOR

Hopkins & Dickinson, Bronze Goods, - New York.
B. G. Thadde, Iron Stable Fittings, - Brantford.
St. Paneras Iron Work, Wro't Iron Stable Fittings, London, Eng.
C. Kasper, Patent Out Cleaner, - Cleveland.
Norton Door Check and Spring, - New York.

Write for Catalogue of above Goods. Estimates given on Special Hardware by any Architect.

W. D. S. BARGLEY.
ENGRAVER, LITHOGRAPHER, Office Stationery & Specialty
DIE SINKER, EMBOSSEUR &c.
39 Colborne St. TORONTO



Telephone No. 27.

Established 1842

THOROLD HYDRAULIC CEMENT MILLS
JOHN BATTLE, Proprietor,
THOROLD, - - - ONTARIO.

OTTAWA, 7th June, 1884.

DEAR SIR,—I duly received your letter of the 1st ultimo, requesting my opinion relative to the Cement manufactured at your establishment in Thorold, in reference to which the following is respectfully submitted: For the past forty years the natural Hydraulic Cement obtained at Thorold, Province of Ontario, has been used to my knowledge, on various extensive public works, and in every instance the result has proved highly satisfactory. When properly burned, ground fine, and used fresh from the mill, it will compare favorably with any natural or artificial cement that I know of for building or other purposes in a moist position, or for walls that have been built a few weeks before water has been let on them. It is well adapted for concrete for columns, walls, drains, cisterns, or indeed, for any hydraulic works; when properly prepared and mixed with two parts of clean sharp sand to one of cement, the result will invariably give good satisfaction.

I am, Sir, yours very truly,
JOHN BATTLE, Esq.,
Cement Manufacturer, etc., Thorold, Ont.

QUEBEC, MONTREAL, OTTAWA & OCCIDENTAL RAILWAY.
CHIEF ENGINEER'S OFFICE.

JOHN BATTLE, Esq., Thorold; MONTREAL, 31st March, 1884.

DEAR SIR,—I have tested with Reiche's Testing Machine the tensile strength of blocks made from the barrel of Thorold Hydraulic Cement which you sent me last summer. The blocks were made of neat cement, and were 14 inches square at the smallest part. Four of them were kept 23 days in air, and only broke under the following weights: No. 1, 470 lbs.; No. 2, 470 lbs.; No. 3, 470 lbs.; No. 4, 470 lbs.; averaging 470 lbs. each, or 196 lbs. per square inch. The remaining two were kept one day in air and forty-seven in water, and broke under the following weights: No. 5, 470 lbs.; No. 6, 470 lbs.; averaging 470 lbs. each, or 196 lbs. per square inch.

Yours truly,

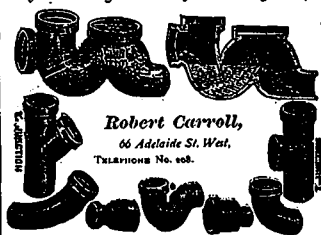
J. A. PATTERSON,

Chief Engineer, Quebec, Montreal, Ottawa & Occidental Railway.

The THOROLD CEMENT is sold by the following dealers:

Toronto.—Edward Terry, 41 George St.
" Robert Carroll, 66 Adelaide St. West.
" Joseph Adamson, Esplanade, foot of George St.
Hamilton.—W. A. Paterson, James St.
" W. J. F. Giesler, James St.
London.—A. D. Cameron, Burrell St.
" Bowman & Co, 26 Bathurst St.

MAGUIRE'S Ventilating
Self-Flushing and Self-Cleaning Trap.



Robert Carroll,
66 Adelaide St. West,
Telephone No. 208.

Sewer Pipe,
Chimney Tops,
Fire Brick,
Fire Clay,
PORTLAND
—AND—
THOROLD CEMENTS
always on hand.

Maguire's Fire Drain Trap, particularly adapted for house drainage and overhead sewer ventilation. The only reliable self-cleaning Trap in the market. Owing to the fact that the outlet C is below the inlet A, and formed as shown, any liquid or solid matter entering the Trap B must, when it once reaches the top of seal D, flow over and fall clear into the outlet C, not only increasing the velocity of the flow of the water and solid matter through the Trap D by creating a fall from the said Trap, but it is also so shaped that it effectually prevents any backwash through the outlet C into the trap B.

TELEPHONE 491.

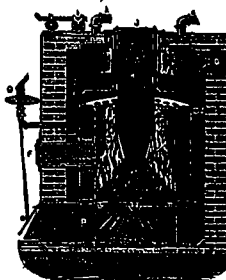
Joseph Adamson,

Esplanade, foot of George Street, TORONTO.

Block Stone, Cut Stone, Building Stone, Paving Stone, Floor and P. Stone, Grindstones,	Sewer Pipe, Drain Tile, Lake Sand, Lake Gravel, Fire Brick, Fire Clay,	Portland Cement, Canadian Cement, Keene's Cement, Plaster Paris, Venetian Red, Chimney Tops,
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— Lime, etc., etc. —

Over 5,000 in use.



THE DUNNING - BOILER,

Patent Wrought Iron or Steel, with Self-Feeding Coal Magazine, is the oldest and best for Low Pressure Steam Heating, and insures a warm house day and night.

MADE AS FOLLOWS: As a Magazine Boiler, which requires attention but once in twenty-four hours; as a Surface Burner, to burn hard or soft coal, wood or coke; as a Hot Water Boiler, for greenhouse and hot water heating; as a Portable Boiler, Steam set without brick-work. Also in Two Sections to pass through any door where a larger one cannot be used. Made in six patterns, fifty-one sizes. Send for Illustrated Catalogue, with full description and prices.

STEAM KEPT UP CONSTANTLY

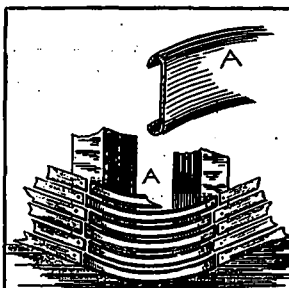
LOW PRESSURE STEAM AND HOT WATER HEATING
N. B.—Correspondence solicited from Architects and persons building.

HIGH SPEED ECONOMICAL ENGINES AND WOOD-WORKING MACHINERY

For Sash and Door Factories.

SEND FOR CATALOGUE,

WATEROUS ENGINE WORKS CO., - BRANTFORD, CAN.



RADIGAN'S PATENT
METALLIC LATH.

THE object of this invention is to form circular corners on stud partitions, both outside and inside, when required, or only on the outside. This has hitherto been done by making the grounds with coopers' laths, which, owing to shrinkage, caused the plaster to crack—but curves of any required radius may be made with these Metallic Laths, and which will form a strong and firm ground in line with the wooden lathing for plastering on, and as shown in cut A, the laths are keyed top and bottom, thus forming a double key.

The attention of Architects and Plasterers is called to this invention.

Give them a trial and be convinced. Send for Circulars and Price List.

JOHN RADIGAN,
68 Mary Street, - - - HAMILTON, ONT.