

At the annual convention of the Canadian Manufacturers' Association held recently in Montreal, Mr. C. S. Osman, of the Albert Manufacturing Co., Hillsborough, N. B., was elected vice-president for New Brunswick.

Rapid progress is being made with the erection of the works of the National Portland Cement Co., at Durham, Ont. The buildings will be of steel, with walls of cement and will be fireproof. Contracts for the machinery have been awarded, and the plant is arriving daily. The works will be operated by electricity, and will have a capacity of 1,000 barrels per day.

Skill in Building, according to Professor Aitchison's second

lecture on St. Peter's recently delivered before the Royal Academy, is commonly reckoned by the ratio of the points of support to the whole area of the building. Gwilt gives the ratio in the Pantheon at Rome as 0.232, and those of five other cathedrals are, St. Peter's at Rome, 0.261; St. Sophia at Constantinople, 0.217; Florence Cathedral, 0.201; St. Paul's at London, 0.170; St. Genevieve at Paris, 0.154. All have large domes. The area of the points of support of St. Peter's is 59,308 square feet, while the whole area of the Pantheon is but 34,328 feet, which affords some idea of the relative magnitude of the two structures.

Lincrusta Walton

(The Sunbury Wall Decoration)

Solid in Relief.

Solid in Color

Artistic Decorations for Walls and Ceilings. Will stand any climate and never wear out.

For Price Lists, Illustrations, Samples, Etc., write to

Fred^l Walton & Co., Limited,

1 NEWMAN STREET, LONDON, W.

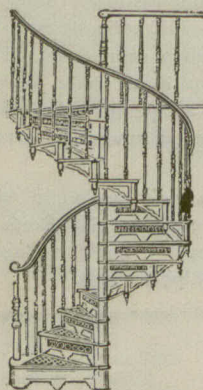
Sole Manufacturers and Patentees.

AMÉOIO
(Sunbury)

New high relief material for Ceilings and Friezes, is **Firm in Relief** and **Light in Weight**. Beautiful as Plaster **at much less cost**. A large assortment of cheap patterns in low relief.

Canadian Agents:

ARTHUR LAURENT, John St., Quebec.
F. T. BAGSHAVE, Assiniboine Block, Winnipeg.



Elevators, Enclosures and Cars
Iron Stairs of every description

Ornamental Railings for Offices and Banks,
Fire Escapes, Etc.

Columns and Castings of all kinds.

John Watson & Son,

ARCHITECTURAL IRON WORKS

59-63 Dalhousie Street,

Phone, Main 4189x.

MONTREAL, Que.



Don Valley Brick Works

ROBERT DAVIES, Proprietor

UNDER NEW MANAGEMENT. PLANT INCREASED. CAPACITY GREATER THAN EVER.

Fine Grade Pressed Bricks in Standard Colors.

Vitrified Paving Bricks.

Foundation Bricks.

Ornamental Bricks for Mantel Purposes.
Stock Bricks.

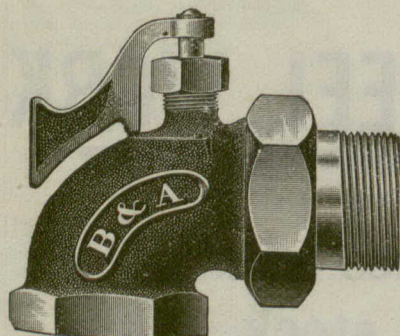
Examine our Foundation Brick before specifying stone.
A cordial invitation is extended to visit the yard.

WORKS, DON VALLEY. OFFICE, 34 TORONTO STREET, TORONTO

Combination Union Valve Elbow

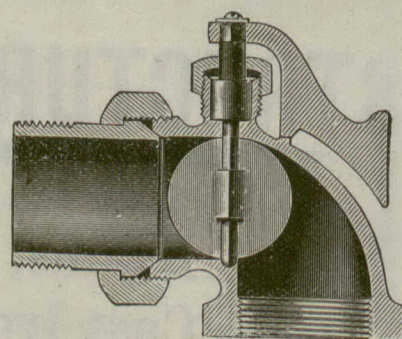
Patented January 30, 1900

For Hot Water



Is more elegant in design than a Valve or an Elbow. It is quick opening (Qr. turn) and adjustable to either end of the radiator. It has a true curved, full sized water way which reduces friction. It is neatly and compactly made of valve metal and packed ready to use. It has rough body, with finished trimmings and is nickel plated all over.

Operated with the foot. Costs no more than a valve. Every one warranted.



THE ROBERT MITCHELL CO., LIMITED

Sold to the Trade Only.

Sole Licensees for the Dominion of Canada

MONTREAL

Send for Discounts.