

# VULCAN IRON WORKS, Wilkes-Barre FOUNDED Pennsylvania.

**Hoisting Engines in all Sizes** from 12 inch. x 16 inch. Cylinders,  
to 42 inch. x 72 inch. Cylinders.

**Haulage Engines, all sizes, Endless Rope and Tail  
Rope System.**

REFERENCE, BY PERMISSION, CUMBERLAND RAILWAY AND COAL COMPANY.

## WIRE ROPE

**HIGH GRADE WIRE ROPES FOR  
Hoisting, Haulage, and Colliery Purposes.**  
Manufactured by **Dominion Wire Rope Co., Ltd., MONTREAL.**  
AUSTEN BROS.—HALIFAX AGENTS.

## THE CAPELL IS THE FAN —For the COAL TRADE BECAUSE

- 1)—It allows of one operation, working a larger area than any other fan.
- 2)—It will clean out dangerous and palpable dust from a mine, by reason of its superior force and positive action.
- 3)—Because it costs less money to install, for every foot pound of actual work done on the mine; and is maintained and run cheaper than any other fan.
- 4)—It is incombustible and cannot burn.
- 5)—It gives adequate ventilation right to the end of the life of the mine. No replacing or diminution of air, like common fans. It will last the life of any mine.

The best reason for its use is the coal trade buys it; a Company having bought one, buy it always.  
Berwind-White Coal Mining Co., 7 Fans; W. L. Scott Companies, 7 Fans; Francis L. Robbins Companies, 3 Fans; Ellsworth-Morris Companies, 4 Fans; Moon Run Company, Washington Coal & Coke Co., Imperial Coal Co., Essen Coal Co., H. R. Wick Co., H. C. Frick Coke Co., Cambria Steel Co., Simpson & Watkins, Scranton, Alberta, N. W. T., and Cumberland Railway & Coal Co., N. S. Can. may be taken as fairly representative of the coal trade besides outsiders, as Erie R. R. Co. and Hoosac Tunnel.

**W CLIFFORD CAPELL FAN CO., JEANETTE, PA**

## Head-quarters in Nova Scotia for

**'White's' London Portland Cement.**  
**'Gartcraig' Scotch Fire Brick,**  
**Allan-Whyte and Company's Wire Ropes.**  
**'Firths' and 'Black Diamond' cast Steel.**  
**'Bennett's' Safety Fuse and Detonators.**

**—STEAM PIPE AND FITTINGS.—**

## WM. STAIRS, SON & MORROW, LIMITED,

HALIFAX, N S

General Hardware, Metals Plumbing and Mining Supplies.

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