

CONTRACTORS TO ADMIRALTY WAR OFFICE AND COLONIAL GOVERNMENTS

# Allan, Whyte & Co.

CLYDE PATENT WIRE ROPE WORKS,

Rutherglen, Glasgow, Scotland

## WIRE ROPES

For Mining, Engineering and Shipping: For Hoisting and Haulage in Collieries and Mines: For Cableways and Aerial Ropeways: For Dredgers and Steam Shovels: Specially Flexible Ropes for Winches and Fast Hoists, Coal Towers and Cranes.

### OF THE HIGHEST QUALITY

made from special grades of Wire drawn to our specifications and carefully tested before being used. They are at work in all parts of Canada from Vancouver to Halifax and are everywhere recognized as the best on the market. Complete stocks held in all parts. Orders executed and quotations furnished by:

Nova Scotia: Wm. Stairs, Son & Morrow, Ltd., Halifax.

New Brunswick: W. H. Thorne & Co., Ltd., St. John.

Quebec, Ontario, Manitoba and Saskatchewan: Drummond McCall & Co., Montreal, Toronto and Winnipeg.

Alberta and British Columbia: McLennan, McFeely & Co., Ltd., Vancouver.

Highest Quality.

Satisfaction in Use.

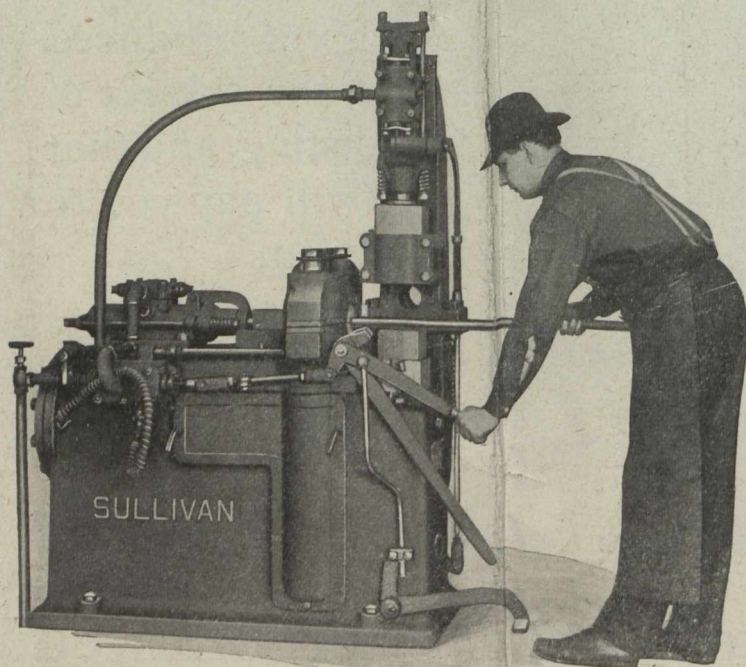
Prompt Delivery.

Keen Prices.

CABLES: "Ropery, Rutherglen."

CODES: Western Union, A. B. C. (4th and 5th Editions), A. I., Liebers and Private.

## HAMMER YOUR DRILL BITS



### And Preserve the Quality of Your Steel

Hammer-forged bits retain all the toughness and strength you paid for in selecting a good grade of steel. They possess added refinement of grain and resistance to wear, due to the hammering process.

### THE SULLIVAN SHARPENER

is an "all-hammer" machine. This picture shows it putting the spread or flare on the steel by upsetting it with rapid blows of a horizontal hammer. The steel is gripped in dies, by a powerful compressed air vise.

The wings and corners of the bit are hammered out under vertical swaging dies.

Sullivan Sharpened Bits cut faster and farther.

Bulletin 672.

Sullivan Machinery Company,

122 South Michigan Avenue  
CHICAGO