

UNION STONE COMPANY,

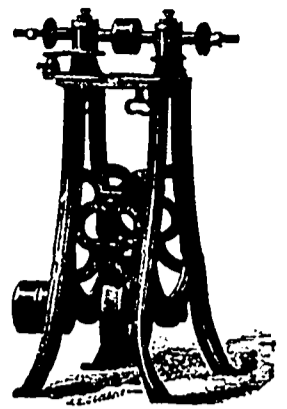
38 & 40 HAWLEY STREET, BOSTON, MASS.

Patentees and Manufacturers of

THE UNION EMERY WHEEL.

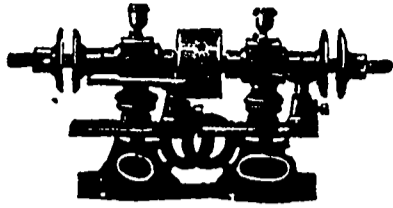
Emery Wheel Machinery and Tools a Specialty. Grinders' and Polishers' Supplies. Wooden Polishing Wheels. Quartz Corundum.

CATALOGUE ON APPLICATION.



A Has 3-4 in. Arbor.

UNION STONE COMPANY'S PATENT and Improved Automatic Knife Grinding Machine, for grinding



No. 0 Has 3-4 in. Arbor.

UNION OIL STONE STAND, PATENTED. Price, 25 cents.

UNION EMERY HONES, FOR SHARPENING TOOLS. Size, 8x1 1/2x1; Price, 50c.

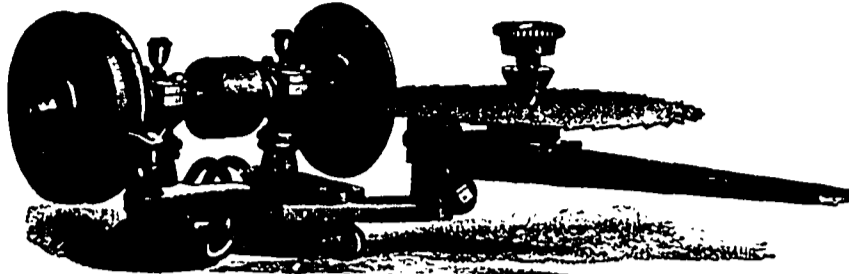
UNION EMERY SLIP STONES, for Sharpening Gouges. Price, 25c. and 35c.

UNION EMERY RUB STONES, for Castings; Size, 8x2x2; Price, \$1. For Foundry use, Size, 8x4x3; Price, \$2.

UNION EMERY WHEEL DRESSER, Price, \$2.00.

DIAMOND TOOLS for Lathe and Hand use in turning Emery Wheels.

AW GUMMING ATTACHMENT for Gumming Saws to 48 inches.



planing machine knives, book binders' carrier, long knives and shears of all kinds. Size, 24, 36, 50, 80, 100 and 120 inches.

THE GRINDING WHEEL is 26 inches in diameter and 1 1/2 inches thick, with Patent Sliding Boxes, so that the wheel can be entirely used up.

THIS MACHINE soon pays for itself in the labour it saves. It will grind a knife in less time than on a grindstone, and with a perfectly straight edge, in itself a sufficient reason for purchasing the machine, to say nothing of the economy.

Speed for Emery Wheel, 230 Revolutions per Minute.

PHOTOGRAPHS, CUTS AND PRICES ON APPLICATION.

THE JAS. JONES COMBINED SYSTEM OF ROLLER MILLING

IS THE BEST IN THE WORLD FOR SOFT WHEAT, EQUAL TO ANY FOR HARD.

Mr. James Jones, 3 Myles' Dock, Esplanade St., Toronto.

Toronto, December 2d, 1882.

DEAR SIR:—My mill at Waterdown has now been working since early in September, with the machinery put in by you. The quality of the flour made, the yield and the amount of work done daily is perfectly satisfactory, and fulfils in every respect the representations made to me by you, and I consider your PROCESS OF MILLING SUPERIOR to any other I have seen.

Yours truly, W. P. HOWLAND.

Spencer, Ind., January 1, 1883.

Mr. James Jones,

DEAR SIR:—After a test of 3 months' running, we are pleased to inform you that the mill you built for us is giving perfect satisfaction, and we think that the work we are doing cannot be surpassed. We have the MODEL MILL of this State, and can recommend your combined system of GRADUAL REDUCTION as the best we have seen.

Very respectfully, SPENCER MILL CO.

MACHINES USED IN THIS SYSTEM OF MILLING.

A METALLIC ROLL, working against a disc or concave, is used for reducing the wheat. A sharp or blunt cut can be used at the discretion of the miller. Six inches of grinding contact can be used, or any part of that surface down to one-half an inch. This is done at the pleasure of the miller. This is done by any other rolls.

FOR GRINDING MIDDINGS.

A stone roll, working into a stone concave, is used. The stone used is especially adapted to this work, having a fine sharp grit especially adapted to reducing middlings to flour. This machine has been in the market for five years: has stood the test, and is pronounced by those using them to be the best machine made for that purpose. It requires No Dressing, is always ready for work, and keeps in perfect face all the time, and the flour made on these machines is better than can be made on any machine in the market.

FOR GRINDING BRAN.

A corrugated chilled iron roll is used. Equal to the best standard rolls in the market.

FOR REDUCING GERM MIDDINGS.

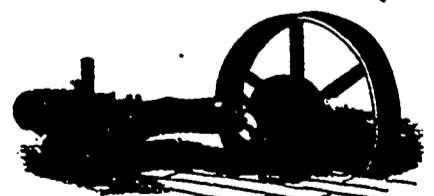
A smooth chilled iron roll is used. A combination of these rolls makes it a system of milling that commends itself to any and all millers that are looking for the BEST RESULTS.

WE ARE BUILDING SMALL GIST MILLS, COSTING FROM THREE TO FOUR THOUSAND DOLLARS, USING ONE BREAK MACHINE, ONE BRAN ROLL, ONE MEDLEY MILL; CAPACITY TEN BUSHEL PER HOUR. For Further Particulars, apply to

James Jones & Co., - Thorold, Ontario.

IF YOU WANT A SITUATION
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The Simplest, Most Durable and Most Saving in Fuel of all the Automatic Engines Made.

HAS NO SUPERIOR AND FEW EQUALS.

— ALSO ALL SIZES OF —

Boilers and Every Description of Mill Machinery and Furnishings.

R. WHITELAW,
 Oxford Foundry Woodstock, Ont.

WE CAN SUPPLY YOU

The Barter Purifier, Barter Centrifugal Reels,

The Barter Concentrated Roller Mill,

Barter Combination Oat and Cockle Separator,

Barter Dust Collector,

Barter Adjustable

Barter Adjustable Brush Machine,

“Lion” Bolting Cloth, Gen

BARTER MANUFACTURING CO.