

CANADIAN MILLER

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MAGNOLIA METAL

IN USE BY EIGHT LEADING GOVERNMENTS

The Magnolia Steel Rolling Metal Co., New York, N.Y., March 4, 1892

74 Corlandt Street, New York, N.Y.

On March 29, 1892, samples of metal marked "Spooner's Finest Copperine Plate," were submitted to me for test. My test showed finest results, and on analysis it proved to contain no copper, and approximated the formula of Magnolia Metal.

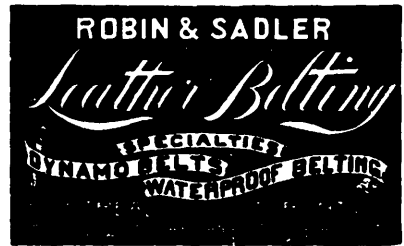
In October of the same year, other samples with same marks were submitted for test, and tested in comparison with Magnolia Metal, upon our new testing machine, built at great expense. This test for temperatures showed Magnolia Metal to have less friction and a temperature of about two degrees less. On December 1st, this perfected test piece of Copperine was tested again with the result of its fusing with ten minutes run of 1,200 lbs. to the square inch.

On January 1st, Magnolia Metal was tested, which ran fifteen minutes with 1,500 lbs. to the square inch, and one hour with 2,000 lbs. to the square inch, and at the end of the hour showed a temperature of 202 degrees Fahrenheit. Under separate cover we hand you detailed reports of the tests, showing velocity of rubbing surface about 2,000 feet per minute, diameter of shaft 3/16 inches, and revolutions, about 1,500.

Yours truly,
H. G. TORREY

Note: Mr. Torrey is U.S. Assayer and has been in U.S. Mint office at New York for 15 years.

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