

# CANADIAN MILLER

GRAIN TRADE REVIEW

NEW SERIES "MECHANICAL AND MILLING NEWS"

Old Series, Vol. X } NUMBER 9  
New Series, Vol. II }

TORONTO, ONT., SEPTEMBER, 1892

TERMS, \$1.00 PER YEAR  
IN ADVANCE, IN CASH



## MAGNOLIA METAL

IN USE BY EIGHT LEADING GOVERNMENTS

THE MAGNOLIA ANTI-FRICTION METAL CO., 74 Cortlandt Street, New York, N. Y., March 3, 1892

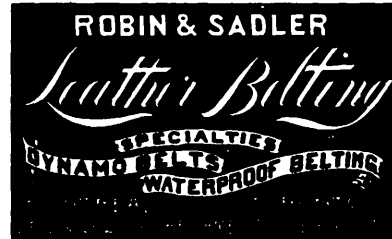
GENTLEMEN:—About March 29, 1892, samples of metal marked "Spencer's Finest Coppermite Babbit" were submitted to me for test, its test showed finest results, and on analysis it proved to contain no copper, and approximated the formula of Magnolia Metal.

In October of the same year, other samples with same make, 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 100 degrees less. On December 21st, this perfected test piece of Coppermite was tested, again with the result of its fusing with ten minutes run of 1,200 lbs. to the square inch.

On January 21st, Magnolia Metal was tested, which ran fifteen minutes with 1,200 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 200 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 inches, and revolutions about 1,000.

Yours truly, H. G. TORREY

NOTE: Mr. Torrey is U. S. Assayer, and has been in U. S. Mint service at New York for 30 years.  
MONTREAL OFFICE: E. McLAREN & CO., AGENTS



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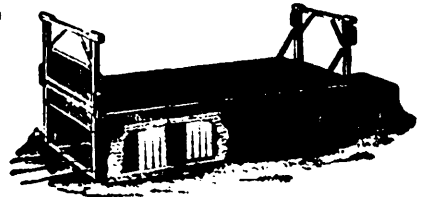
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