

CANADA LUMBERMAN

WOOD WORKERS' MANUFACTURERS AND MILLERS' GAZETTE

VOLUME XIII. } TORONTO, ONT., OCTOBER, 1892 (TERMS, \$1.00 PER YEAR
 NUMBER 10. } SINGLE COPIES, 10 CENTS

MAGNOLIA METAL

In Use by Eight Leading Governments...



MAGNOLIA ANTI-FRICTION METAL CO.

Owners and Sole Manufacturers

London Office: 75 Queen Victoria St.
 Chicago Office: 41 Traders Building
 Montreal Office:
 H. McLAREN & Co., Agents

74 CORTLANDT STREET
 NEW YORK

THE MAGNOLIA ANTI-FRICTION METAL CO.
 74 Cortlandt Street, New York, N.Y.
 NEW YORK, N.Y., March 5, 1891.
 GENTLEMEN,—About March 26, 1890, samples of metal marked "Spooner's Finest Copperine 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 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 100 degrees less. On December 31st this perfected test piece of Copperine was tested again with the result of its fusing with ten minutes run of 1600 pounds to the square inch.
 On January 31st Magnolia Metal was tested, which ran fifteen minutes with 1800 lbs. to the sq. inch, and one hour with 2000 lbs. to the sq. inch, and at the end of the hour the metal showed a temperature of 200 degrees Fahrenheit. Under separate cover we hand you detailed reports of the tests, showing velocity of rubbing surface about 2000 feet per minute, diameter of shaft 5 inches, and revolutions about 1500.
 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.

RUBBER BELTING

MONARCH, RED STRIP AND LION BRANDS

MANUFACTURED BY

THE CUTTA PERCHA & RUBBER MANUFACTURING CO. OF TORONTO.

OFFICE 43 YONGE ST. TORONTO

FACTORIES AT PARADALE ONT

Automatic Arc Dynamos and Lamps
 Direct Current Incandescent Dynamos
 Alternating Current Incandescent Dynamos
 Transformers of High Efficiency
 Electric Motors All Electric Supplies

OUR record for the past ten years as Electrical Manufacturers guarantees purchasers satisfaction.
 Ask our customers about cost of repairs on Ball apparatus, which for EFFICIENCY, ECONOMY SIMPLICITY and SAFETY are unequalled.

AN ORDER SOLICITED
 Send for new pamphlet of Motors and New Book of Testimonials

THE BALL ELECTRIC LIGHT CO., LTD.

70 Pearl Street, TORONTO, ONT.

TELEPHONES

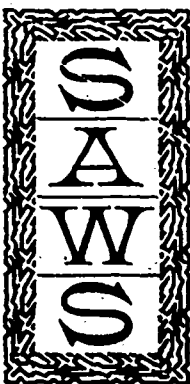
NO ROYALTY NO DELAYS
 NO MISTAKES
 NO RENTAL FEES

ALL INSTRUMENTS SOLD OUTRIGHT. ESTIMATES CAREFULLY MADE FOR TELEPHONE OUTFITS
C. A. MARTIN & CO., 765 Galt St., MONTREAL

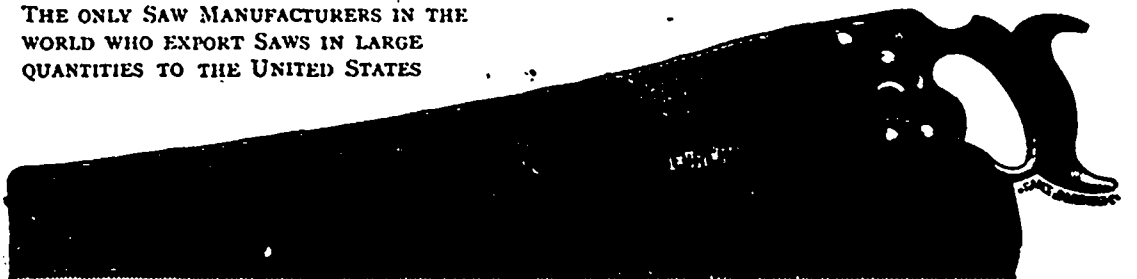
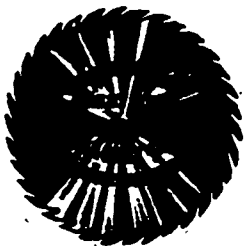
SHURLY & DIETRICH

GALT, ONT.

MANUFACTURERS OF



THE ONLY SAW MANUFACTURERS IN THE WORLD WHO EXPORT SAWS IN LARGE QUANTITIES TO THE UNITED STATES



SOLE PROPRIETORS OF THE SECRET CHEMICAL PROCESS OF TEMPERING : : Our Razor Steel Saws are Unequaled