A Non-Fibrous Anti-Friction **Box Metal** Machinery Journal Bearings.

SPOONER'S COPPERINE

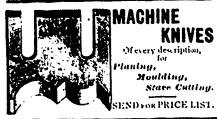
The Most Durable Metal Known.

1016 5311 15 Alonzo W. Spooner, Messis 1, G. Pror & Co. Arcora, B.C., J. H. Ashdown, Winni-peg, Man. Horace R. Ridon', 22 St. John St. Montreal. The Charle Har Iwaro Co. Quebec. Messis, Robb's Son, Amberst, N. S.

(Patent) e and Masol witurer

PORT HOPE, ONT.

Please mention the Letter trie M. MECHANI : M. AND MILLING NEWS when corresponding





Brough

OF FINE CATALOGUE PRINTING-®

Printers |

Hardware

Stores

all

Sell It.

& Caswell

14, 16, 18 BAY ST.

TORONTO

SEND FOR PRICES AND SAMPLES ..

Mill Buckets

FAVORITE



Manufacturer and Dealer,

JOHN RADICAN,

19 and 21 Kelly St.,

HAMILTON, ONT.

SEND FOR PRICES.

DODGE PATENT WOOD SEPARABLE OR Best Belt Surface, Best Balanced, Strongest, Lightest and Most



pulleys and an assortment of bushings represent as many as four thousand iron pulleys, a great advantage to dealers carrying stock. In comparing prices of pulleys, please note carefully the following: Our list is lower than most others. Every pulley is a split pulley. Every pulley is guar-

anteed to transmit from twenty-five to sixty per cent, more power than any iron or steel pulley with same tension of belt. Our pulleys are seventy-five per cent, lighter than east iron pulleys. The fastening does not mai the shaft. They are perfect in balance. They are the most thoroughly made wooden pulley in the world. And the handsomest pulley on the shaft. Every pulley as represented or no sale.

Order a sample pulley, after which you will have no other. We make all sizes, from 9 inches to 46 feet diameter, and all strong enough for double belts.

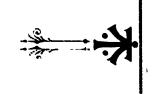
We also manufacture CROOYED HARD-WOOD PULLEYS for the transmission of power by ropes-under the Dodge Patent System. Estimates furnished for main drives and transmis-

sions of any required power on application.

THE DODGE WOOD SPLIT PULLEY CO.,

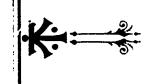
TORONTO.

TELEPHONE 2000



BON 333.

Address



For Flour, Oats, Bran, Feed, etc.

Every size and quality in stock.

The Largest and Best Equipped Bag Factory in Canada

BAG PRINTING IN COLOURS A SPECIALTY.

Designs furnished free, and the best work guaranteed.

Printing capacity-15,000 bags daily.

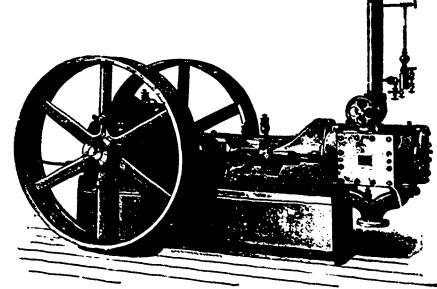
WE CARRY THE LARCEST AND BEST ASSORTED STOCK IN THE DOMINION.

THE CANADA JUTE COMPANY, Limited,

TORONTO ACENT: FRANK F. BARR, 45 Wellington St. East, TORONTO.

15, 17, 19 and 21 St. Martin St.

MONTREAL



Armisonox a Sins. High Strep English for Electric Light Prant, &c.

THE CANADIAN LOCOMOTIVE & ENCINE CO.,

KINCSTON,

MANUACTURERS OF

ONTARIO

LOCOMOTIVE, MARINE

LASD (

STATIONARY ENGINE

Boilers of all Descriptions.

SOLE THE ESELS AND MANUFACTURERS FOR CANADA OF

ARMINCTON & SIMS' NICH SPEED ENGINES, THE "CYCLE" CAS ENGINE, ATKINSON'S PATENT, THE "NAZLETON" BOILER.

Descriptive Catalogues of the above on application.

NOTICE.

The Canadian Locomotive & Engine Co., Limited, of Kingston, Ontario, have the I who License for building our Improved Patent High Speed Engine for the Dominion of Canada, and an facushed by us with drawings of our latest improvements.

ARMINGTON & SIVS

PROVIDENCE, R. L. Nov. 18th, 1889.

Mi

per

IN

enal