APRIL 17, 1919

FOUNDED 1866

ALL STEEL FRA

OLLERS

steel except the Pole.

re braced and stayed to

ll kinds of hard work and

vell. The entire frame,

and all, is built of steel. .8) anti-friction Roller s make light draught.

w Bracket and low hitch

de revolves with the

nd there is no squeak-

ges holding the anti-

rollers are the best yet; MADE OF MALLE-

LL IN ONE PIECE-

ing or binding of the

on the axle of the

Roller. The Seat

s reinforced and is

D AT THE HEEL. od features are not all

vantages of the "Bis-

er. Many more good

built into them, makd Roller that is "built

ness," that stands up

LTD.

ibled our factory capadetermined to supply rs far and near. See ad

75

lots of hard work.

ept W for free

ISSELL CO.

ORA, ONT.

o on page 794.

gue.

with neck weight.

rinding.

THE FARMER'S ADVOCATE.

hinn-Flat Protects Property Worry No More About Lightning

Lightning cannot harm any building equipped with Shinn-Flat Lightning Rods-this we guarantee when we make the installation.

Protection of this kind enables you to sleep better during the season of electric storms.

Lightning caused a loss, through Barn Fires, last year in Canada, of one and a haif million dollars, and Government Statistics prove that this terrible waste could have been avoided if the barns had been protected with dependable lightning rods.

LIGHTNING RODS PROTECT

SHINN-FLAT is the only Lightning Conductor in Canada or United States made in accordance with the latest scientific discoveries. Its exclusive flat-woven form is endorsed by the most eminent authorities in the electrical field as being superior.

How about your barn or residence? The time to install Shinn-Flat Lightning Rods is before the lightning strikes. Don't wait to think it over—the time to act is now.

Shinn Flat Lightning Rods are installed by men who have been carefully trained under the direction of Prof. Wm. H. Day-Canada's well known authority on Lightning Prevention.

Prcf. W. H. Day realizing the importance of efficient Lightning Rods scientifically instaled is now devoting his entire time to advancing the use of Shinn-Flat Conductors. You will profit by these services.

SHINN'S CASH BOND is issued by a large Bonding Company to the owner of every building protected by Shinn Flat, guaranteeing that Lightning will not strike. This is the only company that covers the work of its representatives by a Cash Bond.

FREE:-Our illustrated book Lightning "Cause and Control" by Professor Day describes Shinn Flat Rods and tells how the re-duction in the insurance premiums pays for cost of installation.

SHINN MANUFACTURING CO. OF CANADA, Limited Prof. W. H. Day. Factory and General Offices

We have openings for re-liable men Write for our GUELPH - ONT. Department A Sec'y. special agency proposition. ightning Can't Strike IF Shinn Gets There First

SHINN-FLAT

Made in Canada

DEALERS



Most Accurate Ever Invented

Are you content to go on in the old-fashioned way using all your available farm help planting by hand, limiting your acreage because of labor scarcity, and keeping your help away from other pressing work in busy season?

Get an O-K Canadian Dial Planter and get your planting done accurately without seed waste and in a fraction of the usual time.

The O-K Canadian is the only planter that has the endless cup seed dropping device. It does not pick or bruise the seed. It is noted for being the most

accurate system yet invented.

From the roomy steel hopper the seed is picked up by cups and deposited on revol-ving dial plate. This makes it simple to make any corrections necessary. Absolutely one piece of seed goes to each hill, thus making your seed go farther. Five years' tests demonstrate accuracy close to 100 per cent.

The O-K Canadian has equipment for correct depositing of fertilizer. Furrows are opened by two shoes. The first opens a trench to receive the fertilizer. The second shoe opens the furrow deeper, mixing fertilizer thoroughly with earth, thus protecting seed when dropped. This is cor-rect and necessary for proper fertilizer results.

You certainly ought to get full particulars about the O-K Canadian, the ma-chine that will enable you to put in more acreage into this profitable crop at low cost. Write to-night for free literature giving full particulars of O-K Canadian Planters and Diggers.

Canadian Potato Machinery Company, Limited 22 Stone Road GALT, Ontario Makers of the Famous O-K Sprayers







741



ave our free illustrated 'IDEAL" line of farm s, etc. Ask for Folder G

Halt in Constr eal



CE & SPRING CO. ADA, LIMITED - ONTARIO e McGregor-Banwell co., Limited)



Partridge Tires Out-weigh Tire Troubles

ade by The F.E. Partridge Rubber Company. Limited Guelph Ont

Stop the Theft of Power It is not necessary to put up with loss of power and waste of oil and gas. Don't let badly fitting piston rings steal your motor's power and your gasoline. Install a full set of McQUAY-NORRIS

McQUAY-NORRIS Superoyl RINGS A special ring for engines that pump oil.

Used in top groove only of pistons to control excess oil, with McQuay-Norris EACTOR Piston Rings in lower grooves to insure maximum compression and fuel economy.

LAK- ROOF PISTON RINGS Increase Power-Decrease Carbon

By creating uniform pressure on the cylinder walls, McQuay-Norris <u>East</u> Roor Piston Rings stop piston ring leakage, increase power, decrease carbon and save fuel and oil.

Save Gas

Wherever you are you can get them to fit any car, truck and tractor. Jobbers and supply houses in over 300 distributing points carry complete stocks of standard sizes and over-sizes, backed by a factory stock of 3,000 unusual sizes. You don't have to wait —the rings are awaiting your order.

Send for Free Booklet "To Have and to Hold Power"— a simple, clear explanation of piston rings, their construction and operation.

Manufactured by McQuay-Norris Mfg. Co., St. Louis, U.S.A. Manufactured in Canada by W. H. BANFIELD & SONS, LTD , 374 PAPE AVE., TORONTO

a