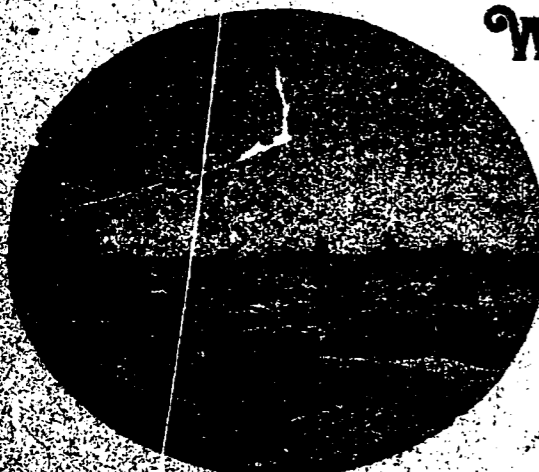


MASSEY-HARRIS WIDE-OPEN BINDER.



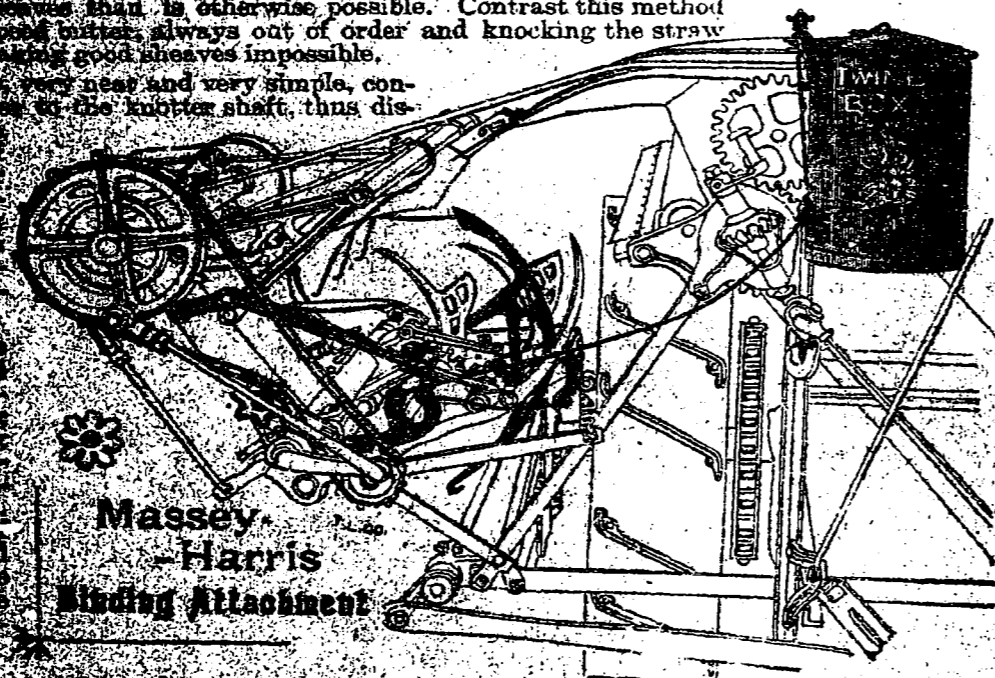
WHILE competitors have been spending time and money to convince the public that either a front or rear geared Binder was the best, we have settled the difficulty by building what is practically a Centre-Geared Binding Attachment, and thus securing many advantages and entirely doing away with the many objections to either of the former plans. (Patented.)

The Massey-Harris is a very light attachment, as well as the simplest ever made. Being so light, and having the gearing at the centre under the decks, it is easily and correctly supported and can be shifted a greater distance without danger of racking and without throwing a heavy weight on the horses' necks. Most Binders can be shifted but a few inches, and the grain must therefore be moved andwise to the knotter by a rapidly revolving butter or similar contrivance. It is obvious

that the less the grain has to be shifted the less "shelling" there will be and the better the grain. By the long shaft, we therefore move the Massey-Harris Knotter to the grain, and not the grain to the knotter. (Patented.)

The **Grain Adjuster** on the Massey-Harris Binder is not designed to take the place of a packer, for which there is no need on the Massey-Harris. This Adjuster is very long, and being parallel with the knotter. It runs very slowly, being assisted in its work of squaring the butts by a third Packer placed well forward and close to the knotter. By this arrangement it is possible to make neater sheaves than is otherwise possible. Contrast this method with the butter, always out of order and knocking the straw down, making good sheaves impossible.

The **Drop Leaves** are very near and very simple, connected to the knotter shaft, thus dis-



Massey-Harris Binding Attachment

Three Grain Springs are put on the Massey-Harris Binder, though but two are used by others. The third spring helps greatly to hold back the heads of long grain, which assists in making better separation of the sheaf being discharged and also admits of using a longer discharge arm, the value of which is self-evident.

A **Take-Up Lever** gives slack twine to the knotter when in the act of tying, which relieves the twine of undue strain and admits of using a lighter grade.

Needle is Easily Threaded by lifting one of the deck boards made removable for the purpose.

The **Drop Leaves** are not forced open by the discharge arms, thus taking additional power, but are made to open automatically by a simple device.

The **Shape of the Breast** Binder is a very valuable feature and makes the discharge of the sheaf easier than on any other machine—a comparison will surprise you. (Patented.)

Plate and steel extension of the Massey-Harris binder is a very valuable feature and makes the discharge of the any other machine—a comparison will sur-

WEIGHT TRIP
OF THE
MASSEY-HARRIS WIDE OPEN BINDER
AUTOMATICALLY MAKES SMALL BUNDLES IN DAMP WEEDY GRAIN, AND LARGE BUNDLES IN LIGHT DRY STRAW

THE SPRING HEAD BOARD
FOLDS DOWN OUT OF THE WAY FOR VERY LONG GRAIN AND IS ADAPTED TO ALL CONDITIONS

MASSEY-HARRIS CO. WIDE OPEN BINDER

GRAIN ADJUSTER
MASSEY-HARRIS CO. LTD. WIDE OPEN BINDER

MASSEY-HARRIS GRAIN ADJUSTER MAKES SPLendid NEAT SHEAVES IN LONG OR SHORT GRAIN

COMPETITORS

IT GUIDES GRAIN OF VARIOUS LENGTHS DIRECT TO THE KNOTTER.

THE OLD TIME BUTTER AFTER A FEW DAYS WORK

SWEAT MADE BY COMPETING BUTTER

Header Board—The illustration above shows two positions of the Massey-Harris Header Board. It can, however, be placed at any angle desired. (Patented.)

The Massey-Harris Binding Attachment has great capacity and will handle any kind of crop in a perfectly satisfactory manner.

Massey-Harris Co., Ltd., Toronto, Can.