

Recent Improvements In Farm Implements

ROLLER BEARINGS in Theory and Practice.

WHAT is the difference between a Roller Bearing and an Ordinary Bearing? This is what people want to know, as there is so much

and efficient in the application of roller bearings to agricultural machinery is not so simple and easy a matter as may at first be supposed. These bearings must be scientifically made and applied or it makes all the difference between success and failure.

For some years past men have been



FIG. 1.



FIG. 2.

talk about Roller Bearings just now. The method shown in the two pictures following, illustrates the difference in a very simple way, and demonstrates the theory very clearly.

Holding the hands in the position shown in Figure 1, and rubbing the palms together gives a frictional contact as in any ordinary bearing. Now take a lead pencil and placing it between the palms try to rub them together as before, and note the surprising difference. This is a rolling contact. So much for the theory. To make this theory practicable



MASSEY-HARRIS PERFECTED ROLLER
AND BALL BEARINGS.