speed, after which enough more may be cut to drop kernels at the desired intervals.—N. E. Jodon, Division of Cereal Crops and Diseases, Bureau of Plant Industry, U. S. Dept. of Agriculture.

A NEW FEATURE IN ROD-ROW THRESHERS

Many threshers for small quantities of grain have the fault of throwing out grain and chaff at the opening where the sheaves are fed into the machine. Not only does this fault of "spitting-back" make the feeding operation a disagreeable one, but a certain percentage of the grain is often lost and the scattering of kernels induces a possible mechanical mixture of varieties.

This note presents a new feature, a special device built into a small thresher which controls the air currents created by the rotating cylinder. The controlled air currents not only effect advantages in the feeding operations, but also increase the relative volume of air for cleaning the threshed material. Incidental to this particular feature, there is a device for recovering and cleaning the threshed material that requires only the air currents from the cylinder to fan the grain.

Fig. 1.—The Lind non-spitting rod-row thresher.