

THE
MINNEAPOLIS
EXCELS

length to the whole machine, than if jointed a
other harvesters.

as now constructed, is as strong as mechanical
d fully equal to any strain that can be brought
is independent, thus the spokes do not bear the
e machinery, and will not break or b

IMPROVEMENTS
FOR
1883



S. B. HAZARD,
J. W. WORTH & CO., Agents,
327 S. Washington St.,
Buckingham and Reddick, Ill.

MINNEAPOLIS

HARVESTER AND TWINE BINDER



MANUFACTURED

BY
MINNEAPOLIS
HARVESTER WORKS,
MINNEAPOLIS, MINN.



MINNEAPOLIS HARVESTER WORKS,

MANUFACTURERS OF THE



BINDER

THE ONLY BINDER HAVING APPLEBY'S LATEST
IMPROVEMENTS.

BRANCH OFFICES AND DISTRIBUTING POINTS.

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TOLEDO, OHIO.
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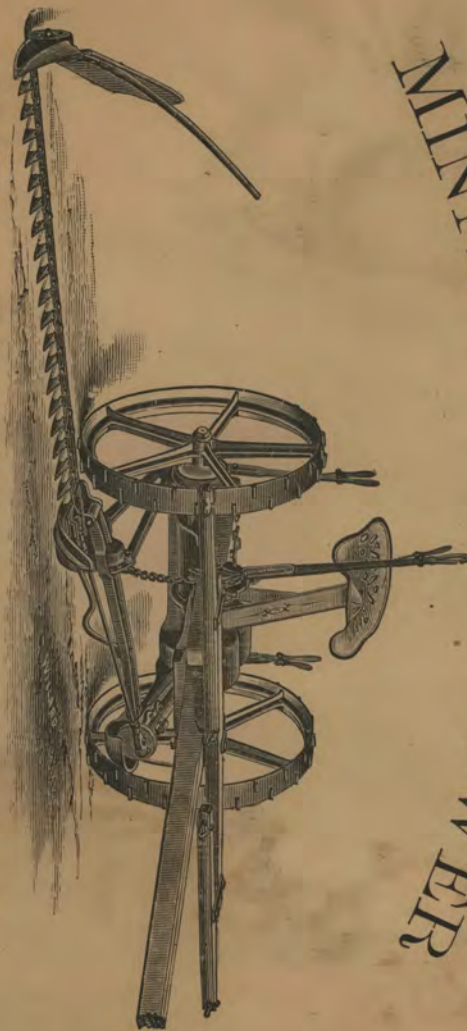
FREEPORT, ILL.
ST. LOUIS, MO.
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OFFICE AND MANUFACTORY AT

Minneapolis, - - - Minn.

Tribune Job Department Print, Minneapolis, Minn.

MINNEAPOLIS MOWER



MADE WHOLLY OF IRON AND STEEL.

—AND—

HAVING ALL THE GOOD FEATURES OF THE POPULAR MOWERS OF THE DAY,
AND MANY ORIGINAL ONES.

proper time. This plan has proved a great success, and by far *the most important improvement* yet made in the Appleby principle of binding grain, as it is more simple and certain than any other.

The "all alike" manufacturers, have seen the necessity of an additional trip, and for the want of something better, are introducing the "hand trip," to be worked by the driver, a contrivance not needed with the Minneapolis "packer trip," as *our* trip works automatically and requires no care.

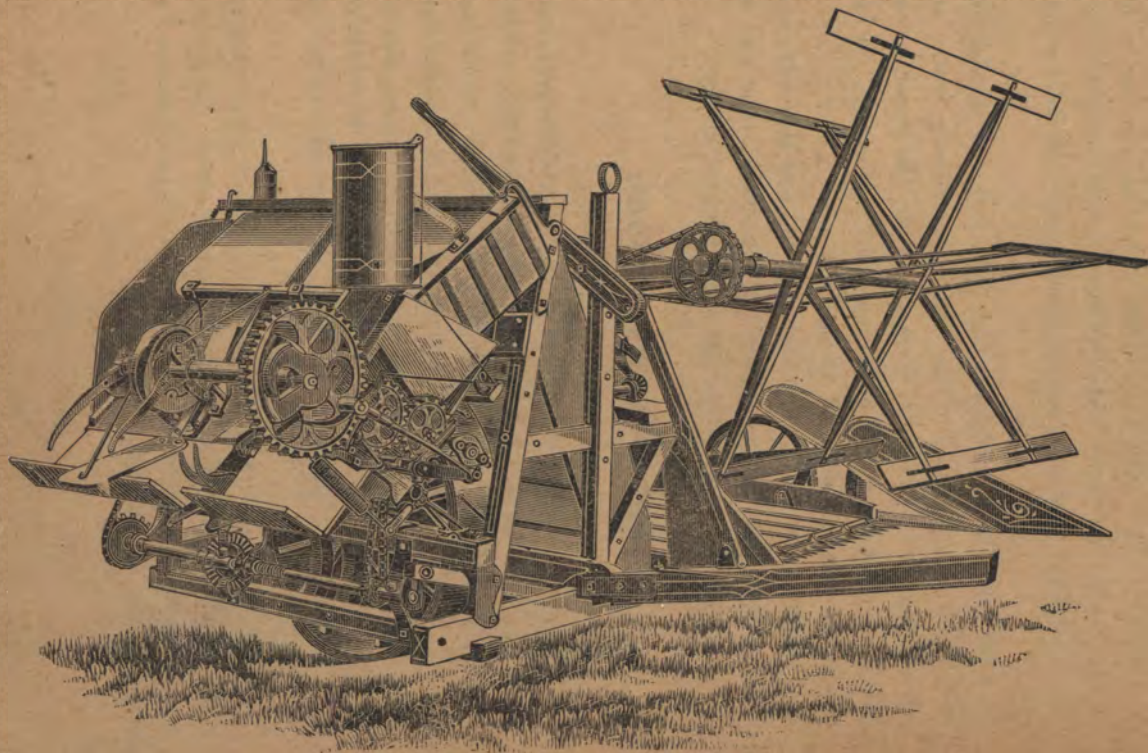
The MINNEAPOLIS is unquestionably the best Harvester and Binder offered to the farming public at the present time, and in the language of a competitor, "an unprecedented success."

PROSPECTS FOR 1883.

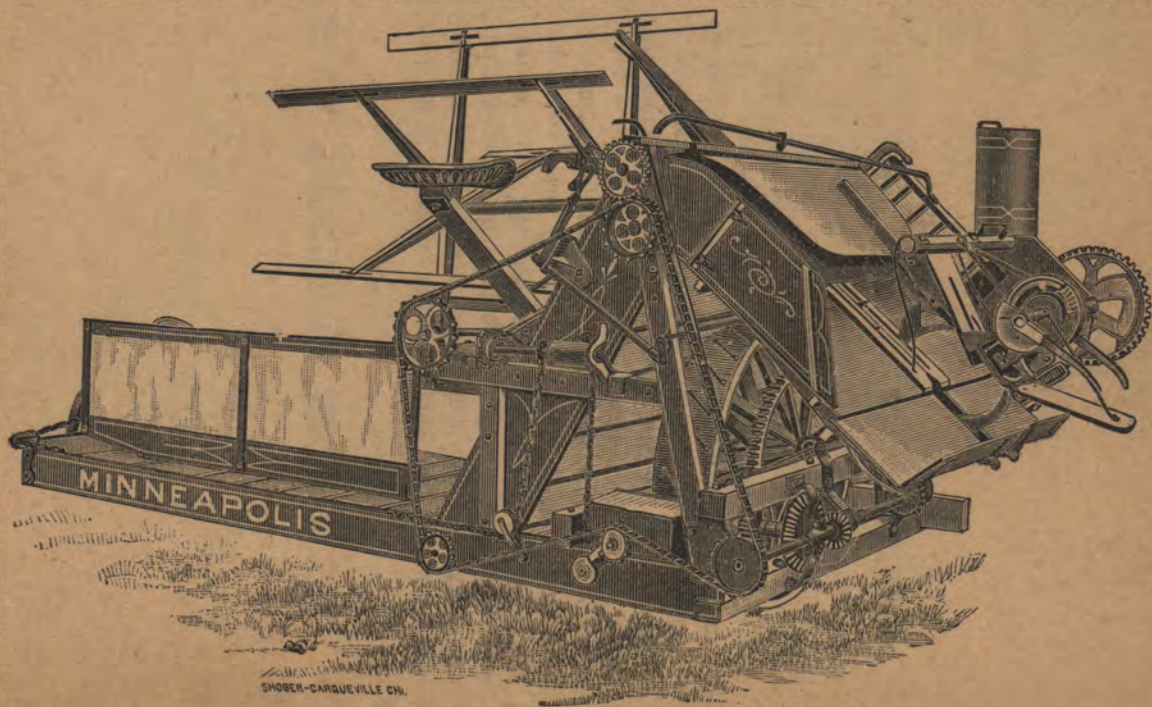
While our machine of last season was in every respect first-class, this is an age of improvement, and we mean that our 1883 machine shall be still better. Every Binder which leaves our factory is submitted to a rigid test; the material used is the best that money will buy; our workmen are skilled mechanics, and all being under the care of the veteran "Appleby," is sufficient guarantee that our machines will be of the highest standard of excellence.

Our facilities are greatly increased; in another place we give a description of our works as enlarged, and improved. Altogether we enter upon a new season with the brightest anticipations for ourselves and our customers.

IMITATED BY MANY, EQUALED BY NONE.



IMITATED BY MANY, EQUALED BY NONE.



ADVANTAGES
— OF THE —
PACKER TRIP.

REFERENCE to the accompanying cut will show the superior advantages of the Packer Trip over the lower trips used on the Appleby Binders of other manufacturers. The letters A show the line of the deck. In wet or weedy grain, the cut grain comes from the elevator in a solid mass, and, being seized by the packers, is thrust under the breast-plate, and lodges between the breast-plate and the binder deck at the points marked B. Thus it will be seen the grain does not get down to the old style trip, C, to start the Binder; hence the machine *must* clog. By tripping with the packers, D, this clogging is avoided; the packers strike *back* of the bundle, tripping binder into gear; the needle comes up and binds the bundle and it is dropped out of the way. The Packer Trip is positive in operation, needs no attention, and every way a great improvement over any method of tripping yet devised. This devise is used only on the Minneapolis Harvester and Binder.
