

W. A. SHARP & C. L. McCLUNG.
Harvester-Attachments for Dumping and Shocking
Sheaves.

No. 138,536.

Fig. I.

Patented May 6, 1873.

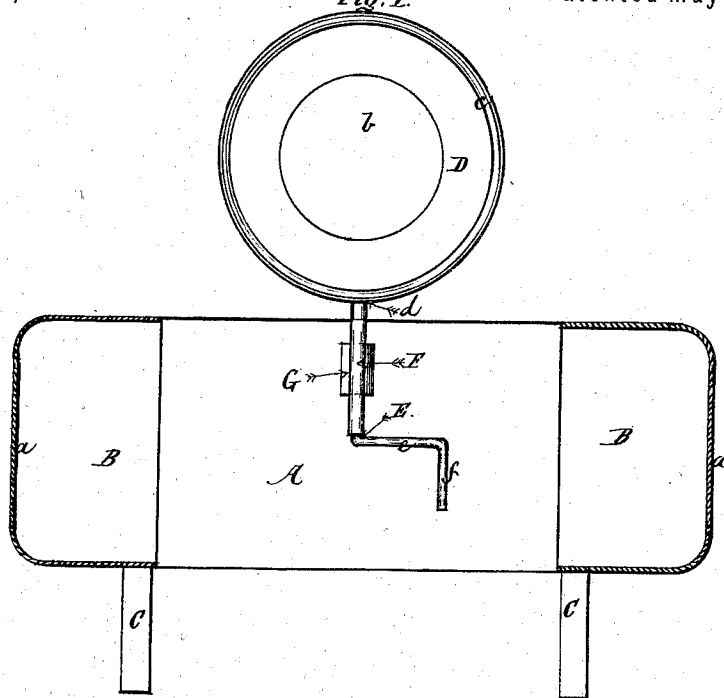
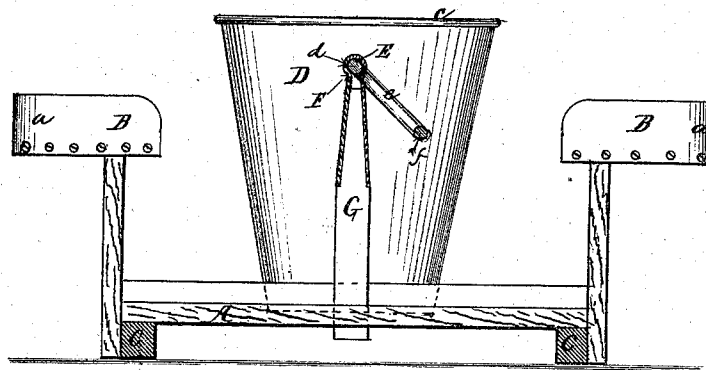


Fig. II.



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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN HARVESTER ATTACHMENTS FOR DUMPING AND SHOCKING SHEAVES.

Specification forming part of Letters Patent No. **138,536**, dated May 6, 1873; application filed October 28, 1872.

To all whom it may concern:

Be it known that we, WM. A. SHARP and CHARLES L. McCLUNG, of Tama City, Tama county, State of Iowa, have invented certain Improvements in Carrying, Shocking, and Capping Attachments to Harvesters, of which the following is a specification:

The object of our invention is to provide for attachments to harvesters, or to such harvesters where the binding of the sheaves is done on a platform of a machine, by which the grain is elevated to two binders' tables, there bound, and then thrown into a hopper, which, when filled, is revolved, by which the sheaves are carried, shocked, capped, and in such a state deposited on the ground.

In order to describe our invention more fully, we refer to the accompanying drawing forming a part of this specification.

Figure I is a plan view of the attachments embodying our invention. Fig. II is a side view of the same.

A represents the platform on which the binders' stand. B B are two binders' tables, with rims or backs *a a* to prevent the scattering of the grain when elevated or thrown on these tables for binding. C C are the timbers of the frame of the platform A, by which this is held and supported, and between which the driving-wheel runs. The hopper D, in shape of a conical metallic vessel, formed to

suit the different kinds of shocking, with a bottom, *b*, and open at the top *c*, is placed on the outer edge of the platform A. The shaft E is fastened to D at *d*, or to a band around the hopper, and rests in the bearing F placed on the top of the standard G. A crank, *e*, and handle, *f*, serve to revolve the hopper D.

The operation is as follows: The grain, after being cut, is elevated or drawn on the tables B B, where it is bound into sheaves, the first sheaf being placed by the binder flat down or crosswise of the bottom of the hopper D, and the other sheave being thrown into the hopper head foremost, until there is a dozen or more or until the hopper is filled, when one of the binders takes hold of the handle *f* and gives the crank *e* a half revolution, by which the sheaves are deposited on the ground shocked and capped.

Having thus fully described our invention, we desire to claim—

The hopper D, shaft E, bearing F, standard G, crank *e*, and handle *f*, in combination with the binders' platform A, substantially as and for the purpose hereinbefore set forth.

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Witnesses:

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