

(No Model.)

L. SHANKS.
CORN SHOCK LOADER.

No. 538,627.

Patented Apr. 30, 1895.

Fig. 1.

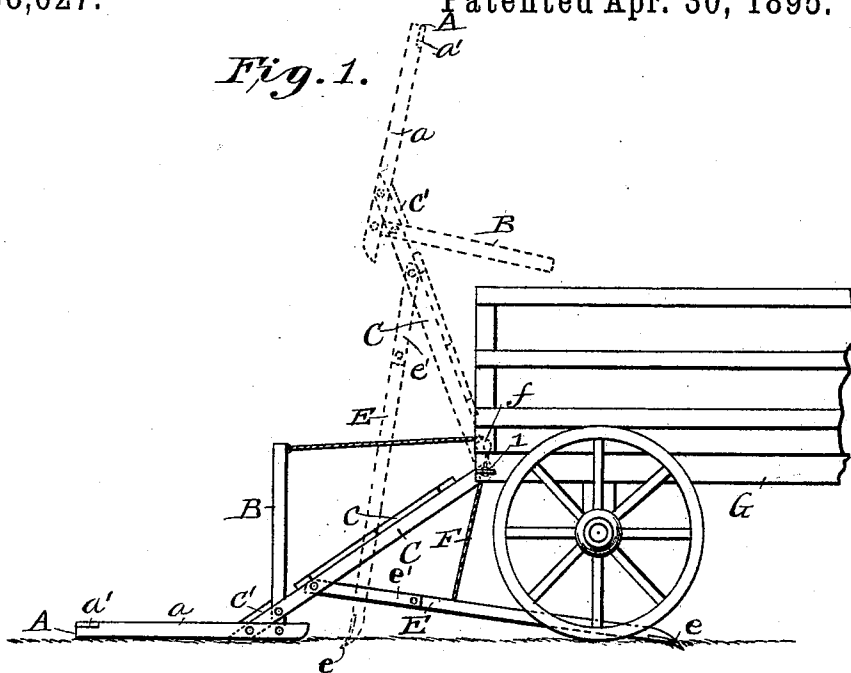
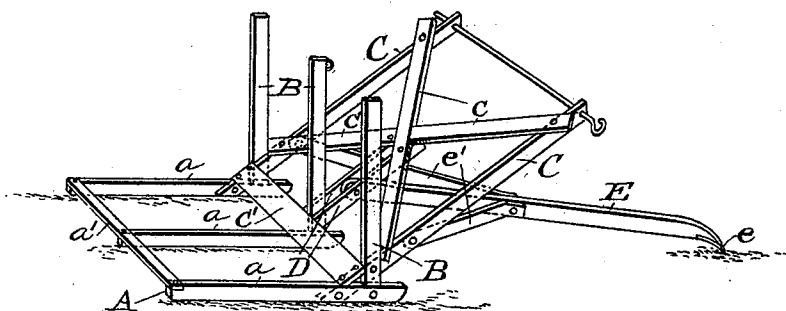


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

LEO SHANKS, OF ALTA, IOWA.

CORN-SHOCK LOADER.

SPECIFICATION forming part of Letters Patent No. 538,627, dated April 30, 1895.

Application filed February 11, 1895. Serial No. 538,030. (No model.)

To all whom it may concern:

Be it known that I, LEO SHANKS, a citizen of the United States, residing at Alta, in the county of Buena Vista and State of Iowa, have invented a new and useful Corn-Shock Loader, of which the following is a specification.

My invention relates to an improved corn-shock loader well adapted for use in connection with the usual rack or wagon; and it has for its object the production of a loader designed to be pivotally attached to a wagon, said loader being so constructed that a shock of corn placed on the platform by the operator will, by the forward movement of the wagon, be raised and allowed to slide off the loader into the wagon.

The invention will first be described in connection with the accompanying drawings, and then pointed out in the claim.

Figure 1 of the drawings is a side elevation of my improved loader and a portion of a wagon, showing the loader connected to the wagon. Fig. 2 is a perspective view of my improved loader.

Referring to the drawings, A represents the platform, preferably skeleton, composed of longitudinal bars *a* and a cross-piece *a'*. To the forward end of the platform-bars are secured the uprights B, perpendicular to the platform and about the same length as the platform-bars. To the forward end of each outer platform-bar, on the inner side, is secured one end of a connecting-bar C, the other end being pivotally secured to the rear end of a wagon G, as at 1, Fig. 1, said connecting-bars being braced by braces *c*, and connected to the platform-bars at such an angle as to permit the platform, when the loader is attached to the wagon, to rest squarely on the ground. The platform-bars, the uprights, and the connecting-bars are effectively braced at their junction by the angular brace *c'*. Secured to the central platform-bar, one on each side, and extending forward parallel with the connecting-bars, are two short arms D, between which is pivotally attached what I term a tongue E, whose free end is provided with

a downwardly-turned spur *e*, said tongue being braced by two braces *e'*, extending from it to the connecting-bars C, all as clearly shown in Fig. 2. A rope F secured at one end to the central upright, passed over a pulley *f* on the wagon, when the loader is in place, and secured at the other end to the tongue E, serves to maintain a uniform distance between the uprights and the tongue, thus preventing the latter from going too far back in operation.

In operation, the loader being first pivotally secured to the wagon, a shock of corn is placed on the platform by the operator. The tongue is then dropped and the wagon started, when the spur *e* will catch in the ground; and as the wagon moves forward the loader will be gradually raised and tipped forward until it assumes the position shown in dotted lines in Fig. 1, when the shock will slide down the uprights B into the wagon. The tongue is then withdrawn from the ground and the loader lowered into position for the next shock.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination, with a wagon, of a shock-loader comprising a platform adapted to rest normally on the ground and provided with two upwardly-inclined arms, uprights secured to said platform, connecting-bars secured at one end to the platform and pivoted at the other end to the rear end of the wagon, and a tongue pivoted at one end to said arms and provided on its free end with a downwardly-turned spur adapted to rest on the ground, whereby as the wagon is moved forward said spur will catch in the ground and the loader will be gradually raised and tipped forward, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

LEO SHANKS.

Witnesses:

C. F. BENNETT,
C. E. HAYS.