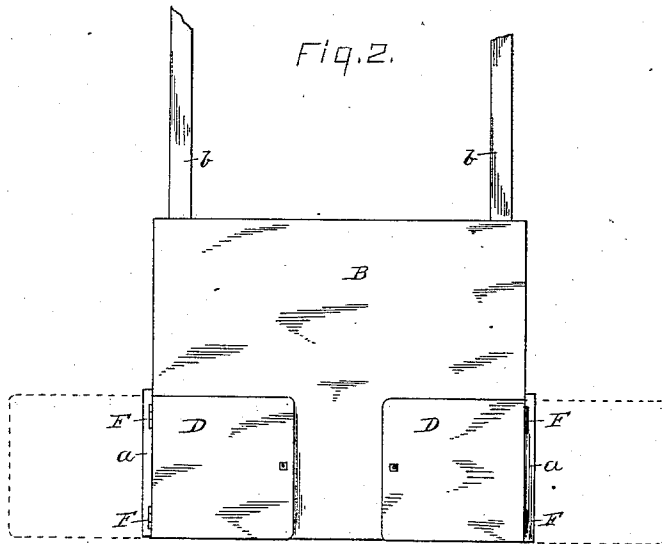
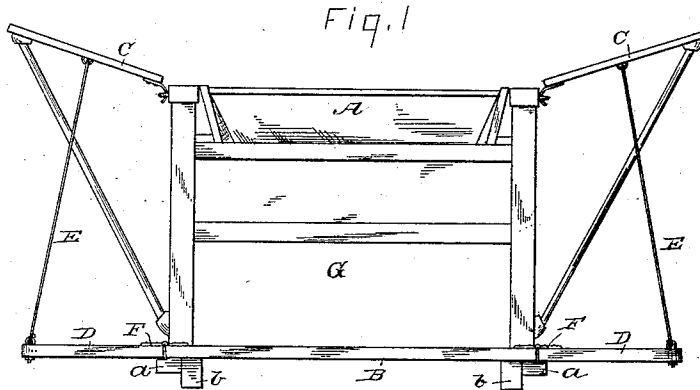


(No Model.)

I. S. CAROLUS.
BAND CUTTER'S PLATFORM.

No. 341,551.

Patented May 11, 1886.



WITNESSES—

Walter N. Haskell,
Charles L. Munahan

INVENTOR—

Isaac S. Carolus.
By Munahan Ward
His Atty

UNITED STATES PATENT OFFICE.

ISAAC S. CAROLUS, OF STERLING, ILLINOIS.

BAND-CUTTER'S PLATFORM.

SPECIFICATION forming part of Letters Patent No. 341,551, dated May 11, 1886.

Application filed January 21, 1886. Serial No. 189,284. (No model.)

To all whom it may concern:

Be it known that I, ISAAC S. CAROLUS, a citizen of the United States, residing at Sterling, in the county of Whiteside and State of Illinois, have invented certain new and useful Improvements in Band-Cutters' Platforms; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention has reference to thrashing-machines, and pertains specially to a novel band-cutter's platform adapted to be attached to the separator and readily folded with the feeder's platform in moving the separator, and which also serves to hold the sheaf-table in position.

In my invention, in addition to the provision of a portable convenient platform, I obviate all of the former objections as follows: By supporting my platform from above instead of from the ground, I preserve a uniform relation in height between the band-cutter's platform and the sheaf-table upon which such band-cutter does his work; also, by supporting such platform directly from the sheaf-table I utilize the weight of the band-cutter in holding such table from the upward rebound when forcibly struck by the sheaves.

As my invention pertains alone to the construction and attachment of the band-cutter's platform, and the residue of the machine is well known, I do not deem it requisite to show or describe the latter farther than is necessary to exhibit my invention and its mode of attachment to the separator.

In the drawings, Figure 1 is an elevation of the front end of a grain-separator furnished with my invention. Fig. 2 is a plan view of the same.

G is the front end of the frame of the separator.

A is the inclined feed-board, down which the sheaves are fed.

B is the platform upon which the feeder stands.

C C are the sheaf-tables upon which the sheaves are pitched and on which the bands

of such sheaves are cut, and from which the cut sheaves are taken by the feeder.

D D are the sheaf-cutter's platforms, upon which he stands so as to be within convenient reach of the sheaves as the latter lie on the sheaf-table C. The platforms D are respectively located on each side of the feeder's platform B, because sheaves are sometimes delivered at one side of the separator and sometimes at the other. The platforms D are on the same plane with the platform B, and at their inner ends are hinged to the latter with ordinary strap-hinges, F, so as to fold inward flat upon the platform B when not in use. The inner or hinged ends of the platforms D are further supported by cleats *a*, suitably fastened against the outside of the longitudinal strips *b*, which support the platform B. The sheaf-tables C C are attached and supported in the usual manner. Supporting-rods E E are respectively pivotally attached or hooked in any suitable manner at their lower ends to the upper surface of the platforms D and at their upper ends are respectively hooked into eyes formed on the lower surface of the sheaf-tables C. The rods E are attached to the platforms D at any suitable point outside of the hinged ends of the latter, and thus the weight of the band-cutter prevents the aforesaid jar or rebound of the tables C. Thus, also, the relative elevation of the tables C and platform D are constant and unvarying.

When not in use, or when it is desired to move the machine, the upper end of the rod E is unhooked, and such rod laid flat on the platform D or unhooked therefrom, the latter folded inwardly upon the platform B, and the platform B hooked up in the usual mode. Thus my invention is not only convenient and efficient when in use, but it can be readily folded for transportation with the separator. Being always attached to the separator, it is not in danger of being lost in transportation or to be mislaid in packing or unpacking the appliances pertaining to the separator.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

In combination with the frame of a thrashing-machine, a feeder's platform, B, supported on the projected beams *b* of such frame, a

sheaf-table, C, detachably connected to and supported on such frame, the band-cutter's platform D, supported at its inner end on the cleat *a* and at its outer end by the rod E, the
5 rod E pivoted at its lower end to the platform D and detachably connected at its upper end to the under side of the table C, the hinge F on the uppersurface of said platforms connecting the inner end of the platform D with the
10 outer end of the platform B, and the cleat or

shelf *a*, whereby the table C is held down by the weight of the band-cutter and the platform D can be folded on the platform B, substantially as shown.

In testimony whereof I affix my signature in 15 presence of two witnesses.

ISAAC S. CAROLUS.

Witnesses:

WALTER N. HASKELL,
V. S. FERGUSON.