(No Model.)

C. SAUNDERS.

FOLDING STACKER.

No. 373,610. Patented Nov. 22, 1887.

Fig. 1.

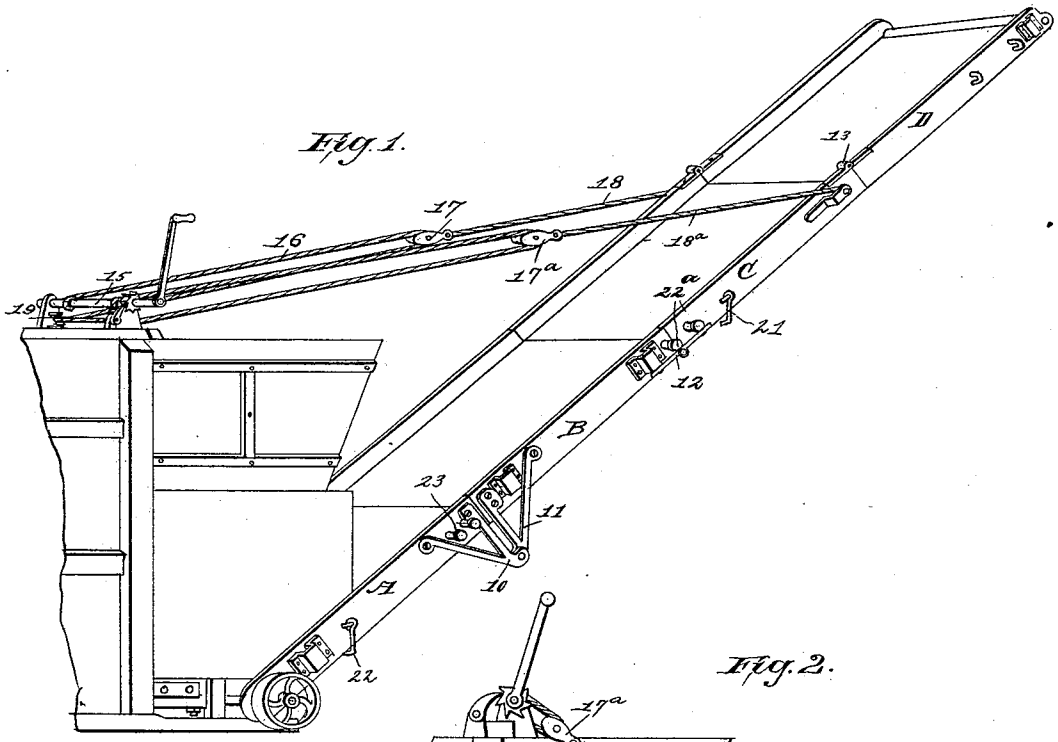


Fig. 2.

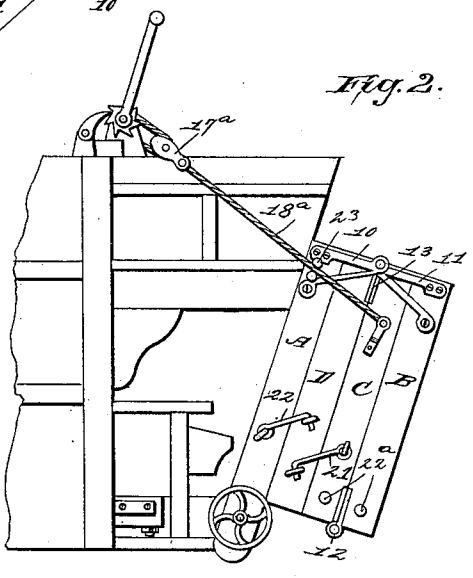
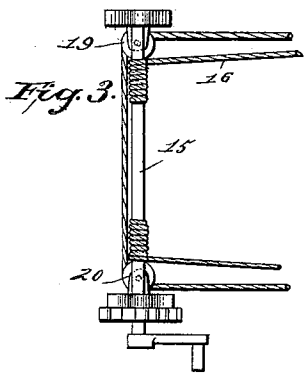


Fig. 3.



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UNITED STATES PATENT OFFICE.

CHARLES SAUNDERS, OF CAPE VINCENT, NEW YORK.

FOLDING STACKER.

SPECIFICATION forming part of Letters Patent No. 373,610, dated November 22, 1887.

Application filed June 27, 1887. Serial No. 242,664. (No model.)

To all whom it may concern:

Be it known that I, CHARLES SAUNDERS, of Cape Vincent, in the county of Jefferson and State of New York, have invented a new and Improved Folding Stacker, of which the following is a full, clear, and exact description.

This invention relates to straw-stackers, the object of the invention being to provide a stacker made in sections which may be folded upon themselves at times when it is desired to move the stacker from place to place, but which may be folded out for use, a further object of the invention being to provide for a proper adjustment and support of the stacker-sections by means of a single operating rope or cord, as will be hereinafter described, and specifically pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of my improved form of folding stacker, representing the same as it appears when in position for use. Fig. 2 is a side view of the stacker, representing it as it appears when folded for transportation; and Fig. 3 is a detail view illustrating the construction of the windlass employed in connection with my stacker.

In constructing such a stacker as the one illustrated in the drawings above referred to, I make up the platform of four sections, A, B, C, and D, the section A being hinged to the thrasher-body in the ordinary well-known manner, while the section B is hinged to the section A by downwardly-extending hinge-sections 10 and 11, the pintles by which the two hinge-sections are united being at a distance below the bottoms of the sections that is equal to the width of the sides of said sections. The section C is hinged to the section B by hinges 12, that are connected to the under sides of the sections, while the section D is hinged to the section C by hinges 13, that are secured to the upper sides of the sections.

Upon the top of the thrasher there is mounted a windlass, 15, to which there is connected a rope, 16, the rope running from the windlass to and about a pulley, 17, that is connected to the section C by a rope, 18, then back and about a sheave, 19, to and about a sheave, 20, then to a pulley, 17^a, that is carried by a rope, 18^a, and back to the windlass, as clearly shown, the arrangement being such that by turning the windlass both sides of the stacker-platform may be properly adjusted.

In folding the sections the section D is folded over upon the section C, and the two folded sections are then folded beneath the section B, and the three outer sections are folded down beneath the section A, to be compactly stored, as is illustrated in Fig. 2, hooks 21 and 22 being arranged to engage with eyes located as illustrated.

From the construction illustrated in the drawings it will be seen that by catching the ropes 18 about the pins 22^a and winding up on the windlass the stacker will be folded halfway down, and that then by putting the ropes under the pins at 23 it can be folded up to quarter its length.

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

1. A stacker made up of sections A, B, C, and D, the sections A and B being united by hinge-sections 10 and 11, while the sections B and C and C and D are united by hinges 12 and 13, located, respectively, below and above the sections, substantially as described.

2. The combination, with a stacker-platform, of a windlass, sheaves 19 and 20, pulleys 17 and 17^a, connected to the stacker-platform, and ropes 16, 18, and 18^a, connected at each end to the windlass and passing over the pulleys and sheaves, substantially as described.

CHARLES SAUNDERS.

Witnesses:
MORRIS E. LEE,
GEORGE SAUNDERS.