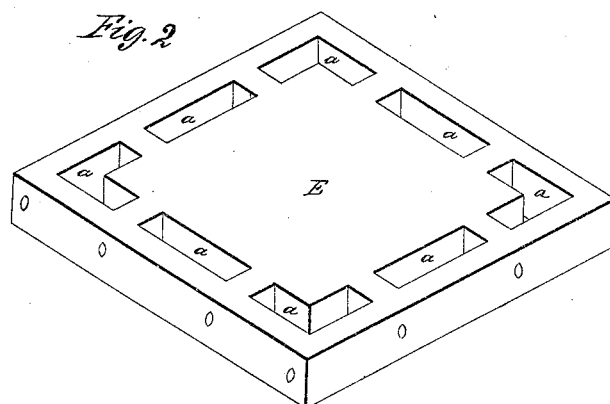
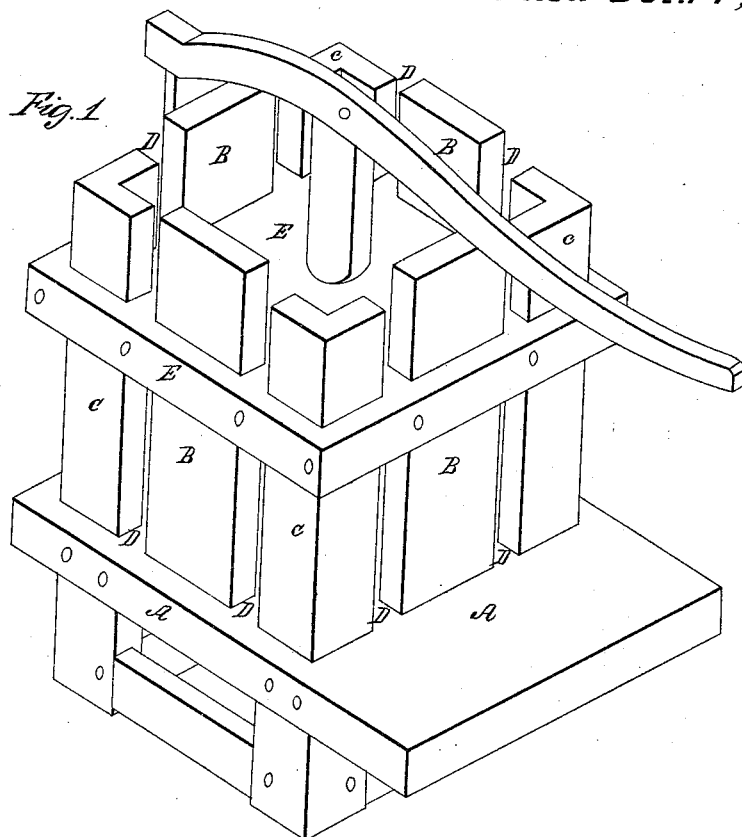


S. G. Chase,
Wool Press,
Nº 50,450, *Patented Oct. 17, 1865.*



Witnesses:
J. L. Barney
J. J. Savage

Inventor:
Samuel G. Chase

UNITED STATES PATENT OFFICE.

SAMUEL G. CHASE, OF RAYMERTOWN, NEW YORK.

IMPROVED MACHINE FOR PUTTING UP FLEECES OF WOOL.

Specification forming part of Letters Patent No. 50,450, dated October 17, 1865.

To all whom it may concern:

Be it known that I, SAMUEL G. CHASE, of Raymertown, in the county of Reusselaer and State of New York, have invented a new and Improved Machine for Bundling or Putting Up Fleeces of Wool; and I do hereby declare that the following is a full and exact description of the same, reference being had to the annexed drawings, and to the letters of reference marked thereon, forming part of this specification, in which—

Figure 1 is a perspective view of the machine, and Fig. 2 is a detached view of the follower of said machine.

The same letters refer to like parts in each of the figures.

The object of my invention is to produce a machine or implement that shall aid and facilitate the operation of putting up and securing fleeces of wool into compact bundles, thereby making them more convenient for handling, weighing, and carrying.

The nature of my invention consists in constructing the receiver or box within which the fleeces of wool are placed when being put up into bundles; as aforesaid, of upright or vertical bars, so arranged in reference to each other that there shall be clear open spaces or slots between them, within which are adjusted the binding-cords or twines for binding said fleeces into bundles, and constructed to operate conjointly with said box is a follower, having at its edges slots or openings, by means of which it moves or slides in vertical directions on the vertical bars of said box, thereby holding the upper parts of said bars at all times in their proper vertical position, not allowing them to spread or deflect outward when the fleece of wool is being compressed under said follower and within said box by a lever or other equivalent device, all substantially in the manner as hereinafter more fully described.

The construction of my improved machine is as follows, viz:

A is a platform, into which is mortised the intermediate or central bars, B B. The corner-bars C C may pass through the platform, and thus form convenient legs for supporting the same, in manner as shown in the annexed drawings. The corner-bars are constructed in a rectangular form, as shown, and the corner-bars and intermediate bar or bars of each respect-

ive side are so arranged in reference to each other that there shall be a clear open space or spaces or slots, D D, between them, extending from the platform upward, as shown in the annexed drawings. These bars, as thus arranged and secured to the platform, make a receiver or box for the fleece of wool.

E is a follower, constructed with slots *a a*, so as to slide over and upon the bars forming the aforesaid box, the bars serving as guides to the follower, and the follower, as thus constructed, serving reciprocally to hold the said bars in vertical position, not allowing them to deflect or spread outward when the fleece of wool is compressed under the follower.

When the machine is used for putting up or bundling fleeces of wool the follower is removed from the receiver or box, and the binding-twine (the balls or spools of which may be fixed below in a box or upon spindles) is adjusted across the bottom of the fleece-receiver at right angles, or crossing each other, and their ends lying in the open spaces before mentioned. The fleece of wool is now put into the box. The ends of the binding-twines of two adjacent sides of the box are then pulled up through said open spaces over the top of the fleece, crossing each other the same as on the bottom of the box, and then adjusted in the slots or open spaces opposite to those previously occupied by them, and in readiness to be tightened and knotted. The follower is now properly adjusted over the box-bars, and is pressed down upon the fleece within the box by means of a lever or other suitable means, thereby compressing the fleece into compact proportions, in which form it is secured by the binding-twines being drawn tight and knotted. The put-up or bundled fleece is then removed from the box and other fleeces compressed and bound in the same manner, thus greatly aiding and facilitating the process of putting up fleeces of wool, and obtaining a material saving of labor, and also of twine, over the old method of putting up fleeces of wool unaided by a machine.

Having fully described my improved machine for putting up fleeces of wool, what I claim as new therein, and desire to secure by Letters Patent, is as follows:

1. A receiver or box constructed of vertical bars affixed to a platform, and so arranged in

reference to each other as to form or leave clear open spaces between them, within which is adjusted the cords used in putting up fleeces of wool, constructed and arranged substantially in the manner as herein described, and for the purpose as set forth.

2. In combination with said receiver or box a follower, F, provided with slots *a a a* at its edges, by means of which, in addition to its conjoint operation with the box aforesaid in com-

pressing the fleece of wool, it also serves to hold the bars forming said box in proper vertical position during the act of compression, constructed and operating in the manner substantially and for the purpose as herein described.

SAMUEL G. CHASE.

Witnesses:

I. L. BARNEY,

J. J. SAVAGE.