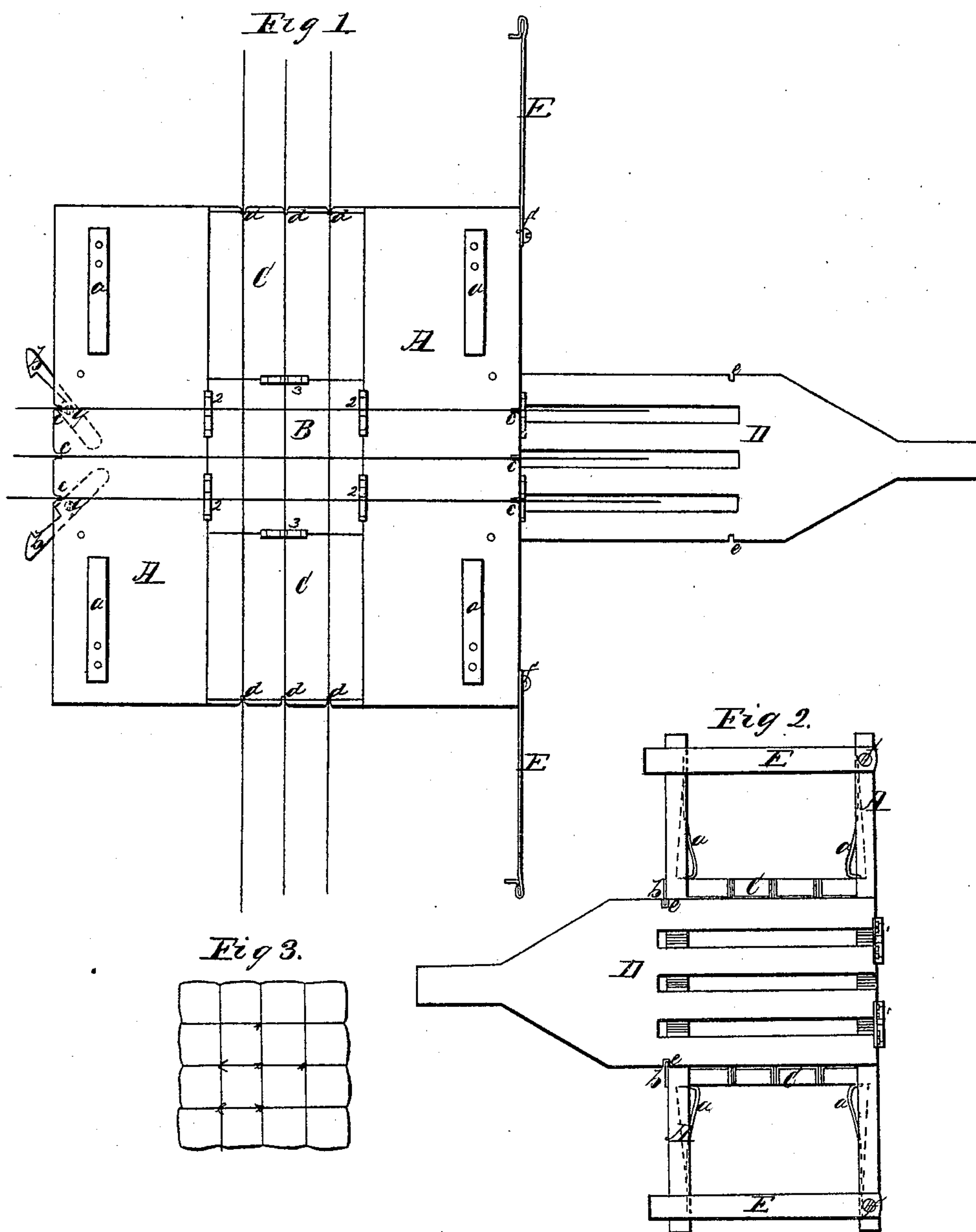


R. Greene,
Wool Press,
No. 47,064, *Patented Mar. 28, 1865.*



Witnesses,
John S. Dyer
M. E. Burlingame

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UNITED STATES PATENT OFFICE.

RANSOM GREENE, OF WILLETT, NEW YORK, ASSIGNOR TO JOSEPH BRIGGS
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IMPROVEMENT IN WOOL-PRESSES.

Specification forming part of Letters Patent No. 47,064, dated March 28, 1865.

To all whom it may concern:

Be it known that I, RANSOM GREENE, of Willett, in the county of Cortland and State of New York, have invented a new and Improved Machine for Pressing and Bundling Wool; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, figures, and letters of reference, making part of this specification.

Of the said drawings, Figure 1 shows a top view of the machine as open. Fig. 2 shows a top view of the machine as closed up. Fig. 3 shows the bundle of wool after it has been pressed and tied.

Similar letters of reference indicate like parts in all the drawings.

My invention is designed as a cheap, simple, and effectual apparatus for farmers' use for pressing and bundling wool; and it consists, first, in the combination and arrangement of a series of hinged plates or pieces to fold and press the wool; second, in the combination, with the hinged plates, of a mechanism for locking the press during the operation of bundling; third, in combination with the hinged plates and locking mechanism, the devices for holding the bundling-strings.

To enable others skilled in the art to make and use my invention, I will describe the construction and operation thereof.

I take a board, B—say twelve inches square—and of proper thickness—say one and a quarter inches—and to this I connect with hinges 2 2 the side pieces, A A, which pieces are three times as long as B and of the same width and thickness. I then take two other pieces, C C, of the same width and thickness, but a little longer than B, and secure them with hinges, 3 3, to the piece B. I then take a piece, D, of the same width and thickness as B, and of convenient length, and cut slots therein, as shown in the drawings, and hinge it at 1 1 to the right-hand plate, A. In the plates A A, I cut mortises, as shown in the dotted lines, Fig. 2, and insert springs *a a*, which springs are arranged to hold the pieces C C when turned up, as plainly shown. To one of the plates I pivot at F bars E E, which serve to lock the

plates A A in vertical position, as shown in Fig. 2. To the left hand plate, A, I attach hooks *b b*, which are pivoted at F, as plainly seen in Fig. 1.

The plates A A are provided with a series of sharp notches, *c c c*, and the plates C C have corresponding notches *d d d*, as plainly shown in Fig. 1.

Operation: The machine being open, as shown in Fig. 1, the bundling-strings are placed on the surface and drawn into the notches *c c c d d d*, where they are held by friction, the ends being left sufficiently long for tying, as shown in the blue lines in the drawings. The fleece of wool, in a partially doubled state, is laid upon the machine; the sides A are turned up to a vertical position and then locked by means of the bars E E. The pieces C C are now turned up, the springs yielding into the mortises cut therefor until the pieces C C pass beyond, when they snap out and hold them. The piece D is now brought down upon the wool and locked by the hooks *b b* catching into notches *e e*. The strings, which are held by the pieces A A, are passed through the slotted piece D on the left-hand side, (the other end having been previously passed through the slots,) and are securely tied. The piece D is then released by throwing off the hooks, and the bundle is finished by tying the strings from the pieces C C, and a neat, solid, square bundle is made, and the work may be done very rapidly.

I would here remark that from the construction of the machine herein described the bundle of wool will be twelve inches on each side, and should a smaller one be desired the piece B may be made of the proper size wanted, and the sides, ends, and top to correspond therewith.

I claim—

The hinged top piece, in combination with the folding sides, ends, and bottom, substantially as described and specified.

RANSOM GREENE.

Witnesses:

JOHN S. DYER,

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