# H. H. Brown,

## Wool Press,

No. 54,103, Patented Apr. 24, 1866.

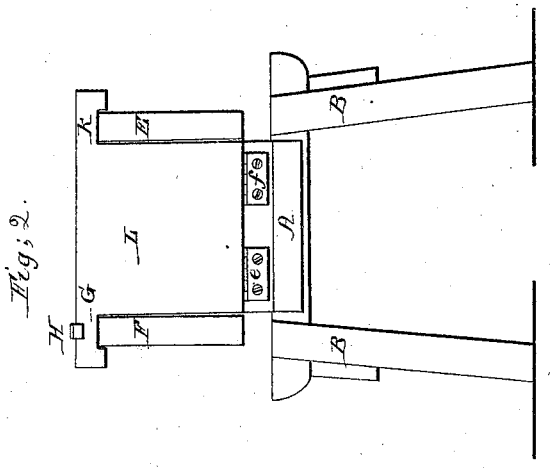

Fig. 2.

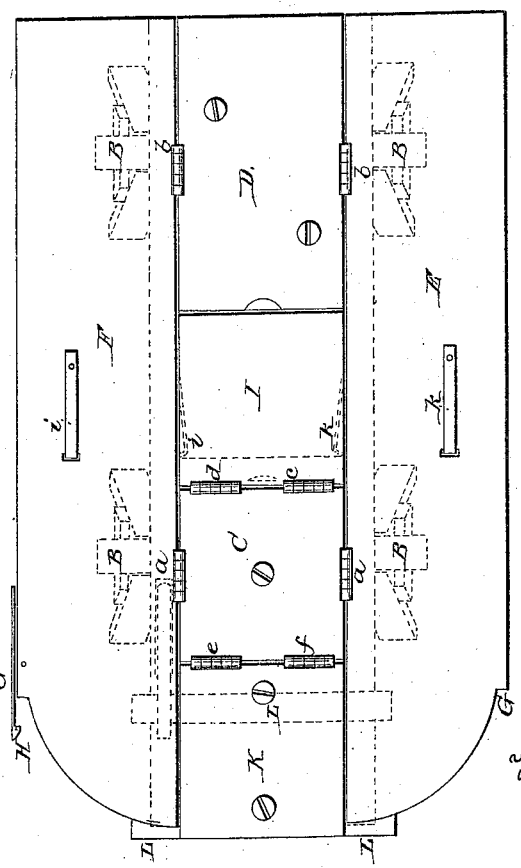

Fig. 1.

Witnesses;
S. S. Burton
Theodore Lang

Inventor;
Henry H. Brown
by his Attys
Baldwin & Son

# UNITED STATES PATENT OFFICE.

HENRY H. BROWN, OF WASHINGTON COUNTY, PENNSYLVANIA.

## IMPROVEMENT IN WOOL-PRESSES.

Specification forming part of Letters Patent No. **54,103**, dated April 24, 1866.

*To all whom it may concern:*

Be it known that I, HENRY H. BROWN, of the county of Washington and State of Pennsylvania, have invented a new and useful Improvement in Presses for Packing Wool in the Fleece; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a plan view of a wool-press with my improvement attached when open to receive the fleece, the blue lines showing the position of the parts when the press is folded, as shown in Fig. 2, and Fig. 2 is a view in elevation of the press closed upon a single fleece.

It is the object of my invention to so construct the front hinged portion of the press that it shall hold the sides vertical when the press is is closed and release them when it is opened, and thus economize time and labor in packing wool in the single fleece; and to this end my invention consists in forming a wool-press with four hinged leaves, the two side ones being long to support the fleece, and the rear leaf folding within the sides, while the front leaf carries mortises at its top that form grooved recesses for the curved ends of the side pieces to move in and be held rigidly vertical while the fleece is being tied, and when moved down over the curved ends of the side pieces permit the sides and rear leaf to fall into a horizontal position to receive the next fleece to be pressed.

A bed-piece, A, of suitable length and about ten inches in width, is firmly supported on trestles B, or a table, upon which is properly fastened two pieces, C and D, of firm boards of proper thickness. Side leaves, E and F, of the length of the bed-piece A, and about the same width and of the same thickness as the pieces C and D, are hinged to the pieces C and D at *a* and *b*, their front ends being rounded from their inner edges to the shoulders G, and the edge of one of them carrying a spring-latch, H, pivoted in its center. A rear leaf, I, about ten inches square and of the same thickness as the pieces C and D, is fastened to the rear of the piece C by hinges *c* and *d*, and extends to the inner edge of the piece D. This rear leaf I, when raised vertically, is held in position by the spring-catches *i* and *k*.

To the front side of the piece C is hinged the leaf K by hinges *e* and *f*, and this leaf is securely attached by screws or otherwise to a bottom piece, L, that carries at its outer end two mortises, *g* and *h*, that when the side leaves, E and F, are raised vertically is moved up on their curved ends, embraces both, and holds them firmly, and carrying on one side a depression to receive the latch H, which holds the mortises firmly against the shoulders G of the side pieces.

The operation is as follows: The leaves, being suitably pierced or grooved to receive strings, are spread open in a horizontal position, as shown in Fig. 1. The fleece is now spread on the press and the neck and sides lapped over onto its center portion. The sides of the press are now raised to a vertical position, as seen in Fig. 2, and the end leaf is raised, the mortises on its top passing upon the curved ends of the sides is held by the spring-latch close to the shoulder G, as shown in Fig. 2, and in blue lines in Fig. 1. The press now assumes the form of a trough open at its rear end and on the top. The tail of the fleece is now rolled toward the front of the press, and the inner leaf is raised within the side pieces and held vertically by the spring-clips inside of the side leaves, when the strings are drawn and tied around the fleece, now compressed into a bundle about ten inches square.

To open the press it is only necessary to release the spring-latch on the top and push down the front leaf, when the sides and rear pieces will fall into the horizontal position to receive a new fleece.

I am aware that folding presses have been used to pack wool in the fleece, and therefore I do not broadly claim such; but

What I do claim as my invention, and desire to secure by Letters Patent, is—

The mortised clamping front leaf and spring-latch, in combination with the folding side and end leaves, substantially in the manner and for the purpose set forth.

In testimony whereof I have hereunto subscribed my name.

HENRY H. BROWN.

Witnesses:

A. S. NICHOLSON,

C. M. GORMLY.