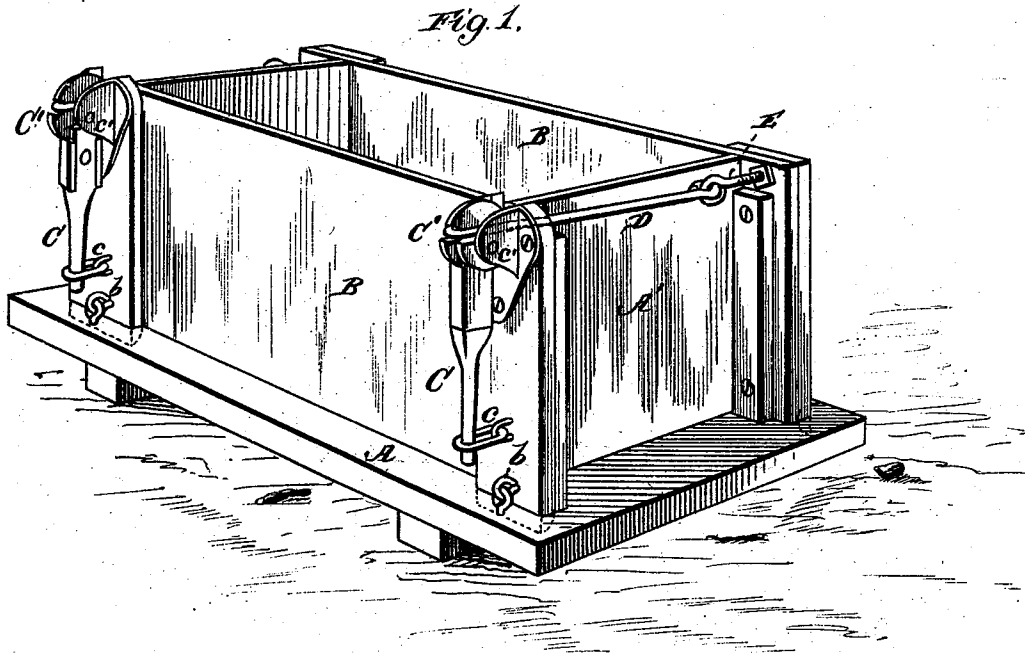
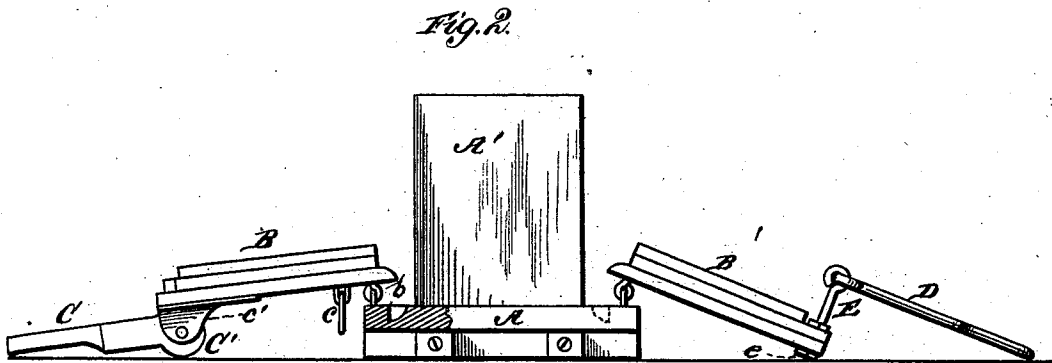
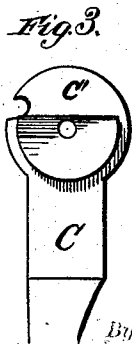


(No Model.)

A. J. GARRISON.
Press Box for Cotton Presses.

No. 236,318.

Patented Jan. 4, 1881.



WITNESSES
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By

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UNITED STATES PATENT OFFICE.

ANDREW J. GARRISON, OF YORK STATION, ALABAMA.

PRESS-BOX FOR COTTON-PRESSES.

SPECIFICATION forming part of Letters Patent No. 236,318, dated January 4, 1881.

Application filed August 23, 1880. (No model.)

To all whom it may concern:

Be it known that I, A. J. GARRISON, a citizen of the United States, residing at York Station, in the county of Sumter and State of Alabama, have invented certain new and useful Improvements in Press-Boxes for Cotton-Presses; 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 relates to a press-box; and the novelty consists in the construction and arrangement of parts, as will be more fully hereinafter set forth, and specifically pointed out in the claims.

In the accompanying drawings, Figure 1 represents a perspective view of the press-box complete; Fig. 2, an end elevation with the sides down; and Figs. 3 and 4 detail views.

Referring to the drawings, A represents the base or bottom of the box, and A' two ends made rigid therewith.

Hinged to the base A at *b* are falling sides B and B', to the former of which, in ears *c'*, is pivoted a lever, C, having a cam-hook, C', which engages with a hook or loop, *d*, in a link, D, as shown. This link D is connected to a screw-rod, E, and by a nut, *e*, the position of the link D may be adjusted at will, either to fit different-sized boxes or to take up slack to compensate for wear.

The construction just above described forms

a clamping device for holding the sides of the box securely in position.

It will be observed that the invention is peculiarly adapted for hay, cotton, or other presses, and that tying-holes may be inserted in the sides, if desired. When the bale has been pressed sufficiently and tied, the clamping device may be unloosened, and the sides falling upon either side allows the bale to be conveniently and readily removed.

To hold the lever C in a positive locked position, I provide a link, *c*, loosely hung upon the sides B, which is adapted to be latched upon the lever, and hold it firmly against the force of pressure due to the compression of the material within the box.

From this description the operation is obvious.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination of the cam-hook C', lever C, link *c*, and link-rod D *d* with the sides B, hinged, as shown, to the base A, and with a proper securing-nut, *e*, as specified.

2. The adjusting rod E, nut *e*, the link D *d*, cam-lever C C', and link *c*, combined with the sides B, hinged at *b*, as shown, all operating as and for the purposes set forth.

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

ANDREW J. GARRISON.

Witnesses:

A. MCACPIN,
J. T. CHAPMAN.