

M. C. LIVELY.
Cotton-Press.

No. 217,886.

Patented July 29, 1879.

Fig. 1.

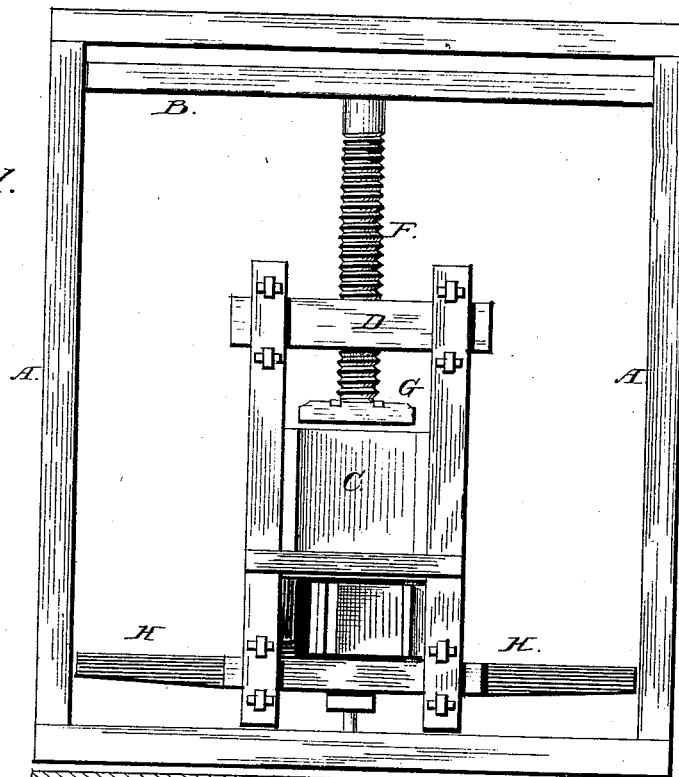
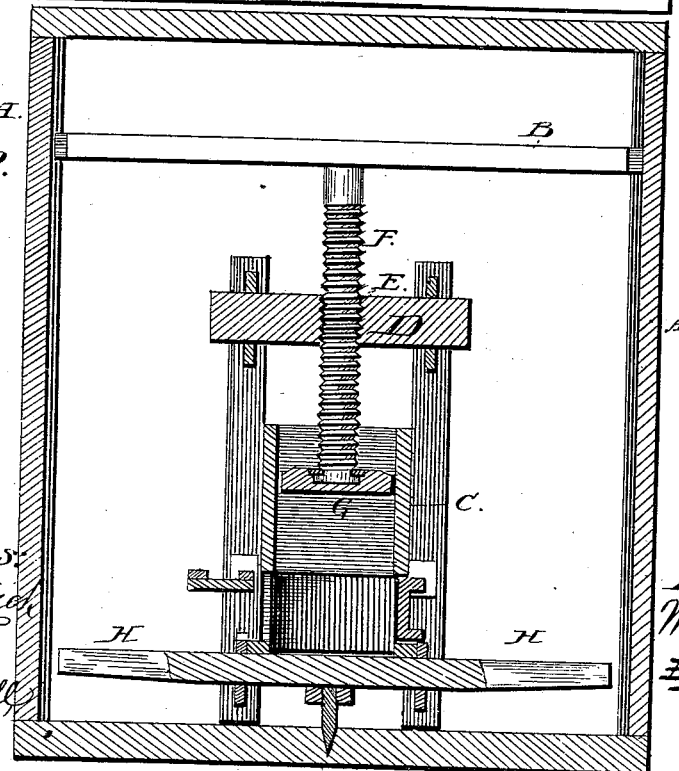


Fig. 2.



Witnesses:
Ad. G. Dutton
J. R. Littell

Inventor:
M. C. Lively,
by
C. A. Snow & Co.
Attys.

UNITED STATES PATENT OFFICE.

MARK C. LIVELY, OF ATLANTA, TEXAS.

IMPROVEMENT IN COTTON-PRESSES.

Specification forming part of Letters Patent No. **217,886**, dated July 29, 1879; application filed May 20, 1879.

To all whom it may concern:

Be it known that I, MARK C. LIVELY, of Atlanta, in the county of Cass and State of Texas, have invented certain new and useful Improvements in Cotton-Presses; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a side elevation, and Fig. 2 is a vertical sectional view.

Similar letters of reference indicate corresponding parts in both figures.

This invention relates to cotton-presses; and it consists in certain improvements in the construction of the same, which will be hereinafter described, and particularly pointed out in the claim.

In the drawings, A represents a frame, the sides of which are grooved to receive the ends of a cross-head, B, which is capable of sliding vertically in said frame. The press-box C is arranged in a vertical position within the frame A, upon the lower cross-piece of which it is pivoted, as shown.

The press-box is constructed in the usual manner, with an opening at the top, through which the cotton is placed in the box, and with doors at the bottom for the removal of the bale after pressing.

The frame of the press-box extends above the opening at the top, and supports a cross-piece, D, having a central screw-threaded opening, E, in which works a screw, F, the upper end of which is securely attached to the sliding cross-head B. To the lower end of the screw is swiveled the follower G, which is fitted to the inside of the press-box.

Securely attached to the press-box are arms or levers H H, for operating the same.

From the foregoing description, and by reference to the drawings hereto annexed, the operation of my invention will be readily understood.

After packing the cotton in the press-box, the latter is turned upon its pivot by any suitable motive power operating upon the arms or levers H H. This operates the screw, thus lowering the follower into the box and compressing the cotton.

My improved cotton-press is simple and inexpensive, durable, and easily operated.

I am aware of the patents to J. G. Winger, July 13, 1852, No. 9,124, and D. R. Torbet, July 30, 1867, No. 67,230, and I claim nothing therein shown; but,

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination, with the frame A, having grooved side pieces, cross-head B, sliding between said side pieces, and screw F, securely attached to said cross-head, and having swiveled follower G, of the press-box C, pivoted upon the base of frame A, and having in its upper cross-piece, D, a threaded perforation, E, for screw F, thereby giving to said screw and the follower an advancing motion when the press-box is turned upon its pivot, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

MARK C. LIVELY.

Witnesses:

WM. SCOTT,
H. WALTER.