

(No Model.)

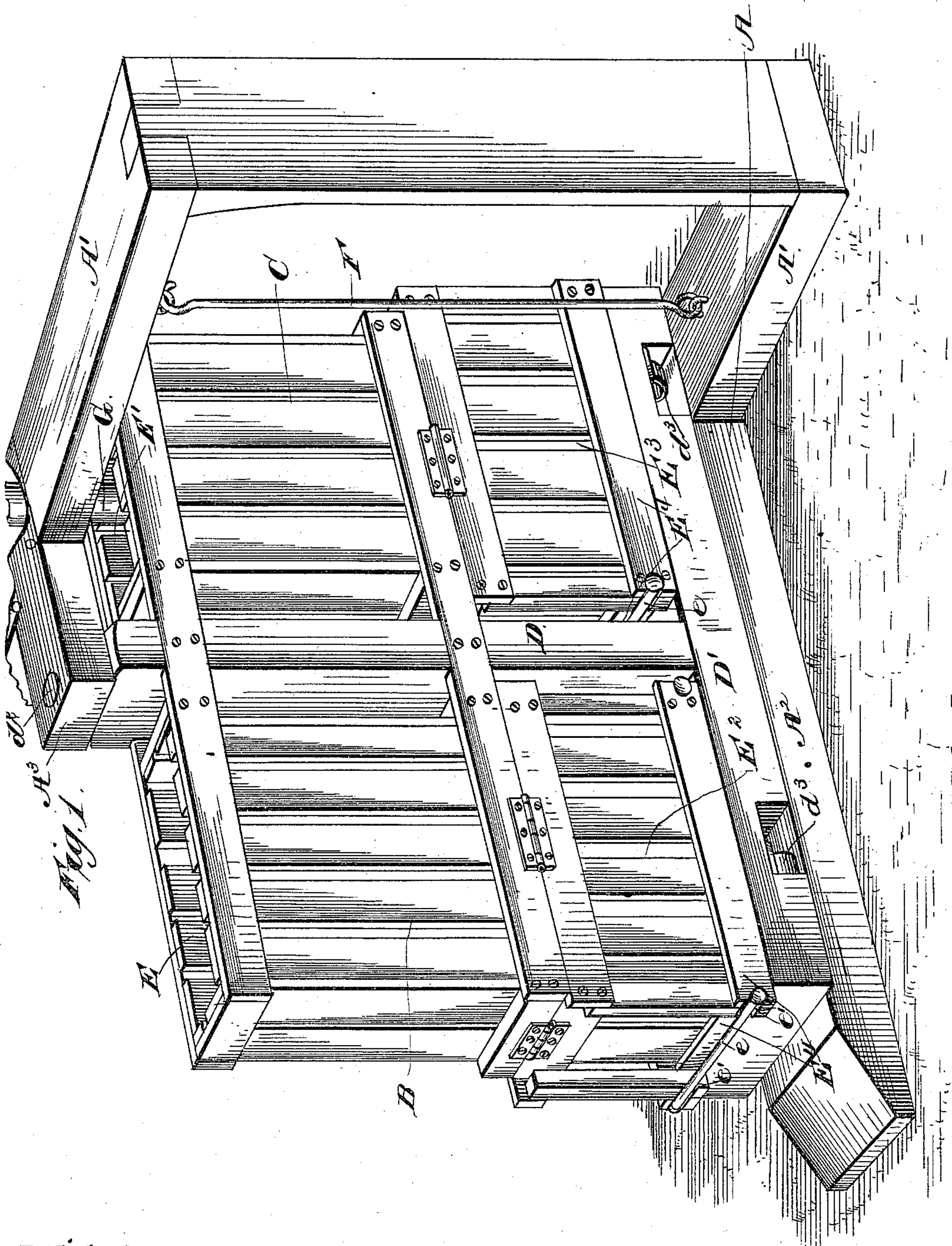
2 Sheets—Sheet 1.

J. BENNETT.

DOUBLE REVOLVING COTTON PRESS.

No. 309,285.

Patented Dec. 16, 1884.



Witnesses:

Chas. S. Hyer.  
James P. Freeman

Inventor:

Joseph Bennett.  
By Oumarkle  
J. H. H.

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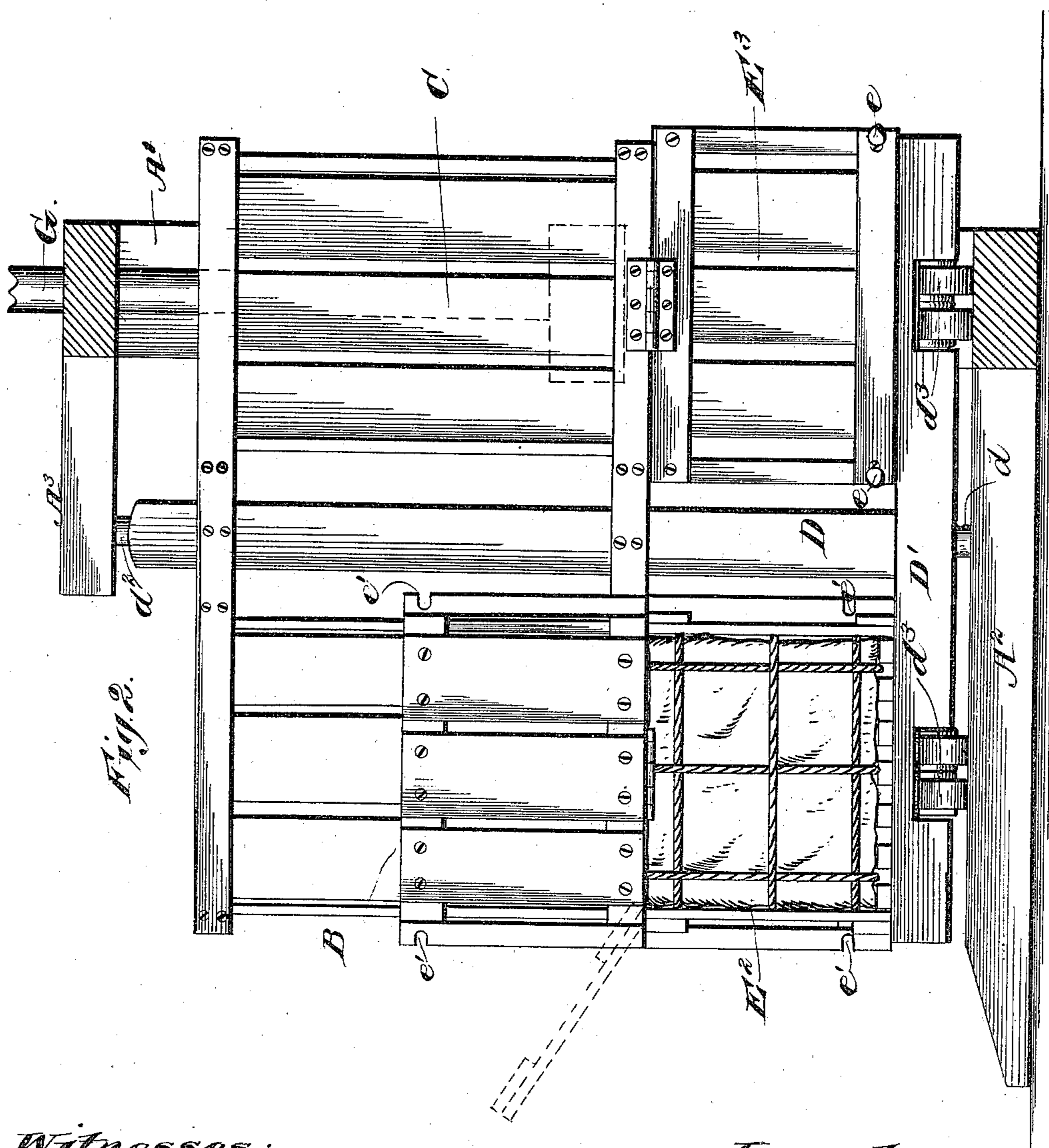
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Chas. S. Byrd.  
James P. Harrison.

Inventor  
Joseph Bennett.  
By Amable  
Atty.



# UNITED STATES PATENT OFFICE.

JOSEPH BENNETT, OF TUPELO, MISSISSIPPI.

## DOUBLE REVOLVING COTTON-PRESS.

SPECIFICATION forming part of Letters Patent No. 309,285, dated December 16, 1884.

Application filed June 3, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH BENNETT, a citizen of the United States, residing at Tupelo, in the county of Lee and State of Mississippi, have invented certain new and useful Improvements in Double Revolving Cotton-Presses, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to revolving cotton-bale presses; and it consists, essentially, of two box-presses combined and swung on pivots in a frame of peculiar construction, which will be described in the specification and pointed out in the claims.

The object of my invention is to provide a press by means of which the process of baling can be carried on continuously, thus saving time and expense, so that while the bales are being formed at one end of the press the operation of tying and removing the same at the other end is accomplished. I attain these objects by the mechanism shown in the accompanying drawings, in which—

Figure 1 is a perspective view of my improved baling-press with a portion of the frame broken away. Fig. 2 is a side elevation of the same with a portion of the frame in section, showing the bale ready to be removed.

Like letters indicate like parts in both of the figures.

A designates a frame-work, which in this instance consists of a rectangular frame, A', at one end of the press, and a base-beam or timber, A<sup>2</sup>, and head-beam A<sup>3</sup>, extending at right angles to the rectangular frame at the other end, upon and in which the press revolves and is held rigid for operation by suitable means, which will be presently described.

B and C designate the two box bale-presses, which are rigidly fixed to the upright beam D by means of suitable cross-ties, being mortised to the deck D' by means of the pivot-rod d, which passes through and beyond the deck D', and has its bearing in the base-beam A<sup>2</sup>. At the upper end of the upright D a like pivot, d<sup>2</sup>, is formed and has its bearing in the head-beam extension A<sup>3</sup>. On the under side of the deck D' are secured suitable rollers, d<sup>3</sup>, which allow of free revolving motion of the deck over the

base-beams. The bale-presses are of the usual form, having the feeding-chambers E and E', which in turn have the ordinary form of bale-box, E<sup>2</sup> and E<sup>3</sup>, with the ordinary drop-doors, E<sup>4</sup>, both end and side, which are in this instance locked by means of the rods e, fitting in the grooved portion e' of the doors, being used only on the two side doors of each bale-box, so that when in a locked position they pass before the end doors, and also act as a lock for them. When either end of the bale-press is in position to be filled and pressed, it is held in position under the plunger by means of two sets of vertical hasps and staples, F, which keep the press from swaying while being operated on by said plunger G, a part only of which is shown in the drawings.

The operation of my invention is obvious. One of the feeding-chambers, with its bale-box, is swung around until it is between the two sides of the rectangular frame, when it is confined in that position by the vertical lock-hasps F in their staples, and this portion of the press—C, for instance—is filled with cotton through the receiving and feeding chamber, and pressed in the bale-box, the bale-cloths and cords or ropes having been previously arranged. Either of the hasps is then unfastened and the filled portion swung around until the extreme end of the base-beam A' is reached, where the bale-box doors are unlocked, the bale is tied and removed, and is ready for transportation to the warerooms, either on suitable trucks or other mode of carriage, which can be backed up to the exit end of the base-beam. In the swinging of the press the rollers or wheels on the lower side of the deck come in contact with the base-beams and render the movement easy, and said rollers act also to steady the press while in position to be operated upon, and thereby act in conjunction with the end pivoted upright.

It will be seen that by the continuous operation of filling and unloading the press at either end greatly expedites the operation and renders the invention of great service, both as to expense and time.

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

1. In a revolving cotton-press, the combination, with the frame-work A, having a rectangular or main frame, A', at one end and a base-beam, A<sup>2</sup>, and head-beam A<sup>3</sup> at the other end  
5 extending at right angles to the main frame, of a double baling-press resting on a swinging deck rigidly attached to a pivotal upright by suitable cross-ties, said upright having its pivot-bearings in the head and base beams,  
10 substantially as described.

2. In a revolving cotton-press having a frame-work consisting of a rectangular frame, and head and base extensions, the combination, with the double baling-press whose bale-

boxes have drop-doors fastened by metallic 15 rods in suitable grooves, of a swinging deck having suitable rollers or wheels to allow of an easy swing of said deck, and vertical hasps and staples to hold the press in position to be filled and operated upon by a plunger, sub- 20 stantially as described.

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

JOSEPH BENNETT.

Witnesses:

H. E. HIGH,

W. D. ANDERSON.