

V. F. P. ALEXANDER.

BALE-TIE.

No. 172,683.

Patented Jan. 25, 1876.

Fig: 1.

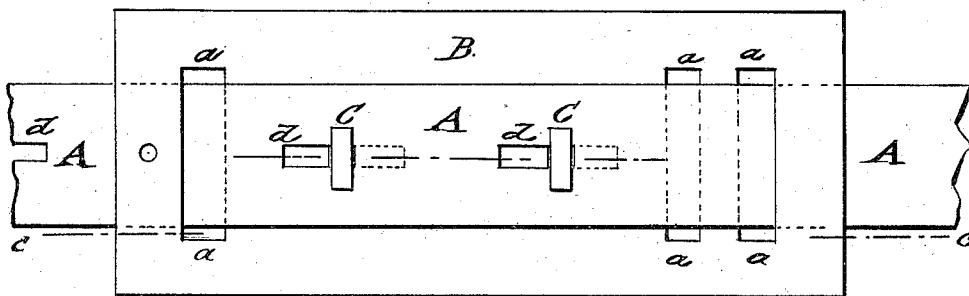


Fig: 2.

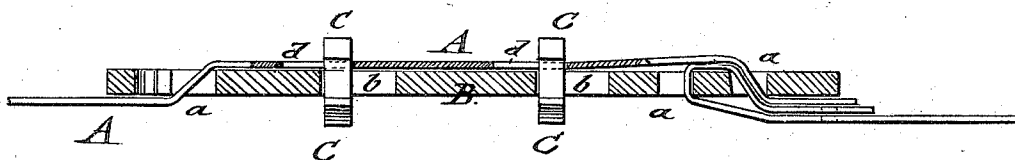


Fig: 3.



WITNESSES:

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VIRGIL F. P. ALEXANDER, OF GREENVILLE, MISSISSIPPI.

IMPROVEMENT IN BALE-TIES.

Specification forming part of Letters Patent No. **172,683**, dated January 25, 1876; application filed November 27, 1875.

To all whom it may concern:

Be it known that I, VIRGIL F. P. ALEXANDER, of Greenville, in the county of Washington and State of Mississippi, have invented a new and Improved Bale-Tie, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a top view; Fig. 2, a vertical longitudinal section on the line *c c*, Fig. 1, of my improved bale-tie; and Fig. 3, a detail view of the button for locking the tie.

Similar letters of reference indicate corresponding parts.

My invention relates to an improved bale-tie for packing cotton and other articles capable of baling; and it consists of a buckle with suitable slots attached to one end of the band, in connection with suitable fastening-buttons for attaching the slotted end of the band by passing over the same and through the slot of the buckle.

In the drawing, A represents the band or hoop for baling cotton or other articles, to one end of which the buckle B is applied. Buckle B is provided with lateral slots *a* near the ends, for the passage of the band, and longitudinal slots *b* for the fastening-buttons C. The buttons C are made of double T shape, with tapering or rounded-off lower part, as shown in Fig. 3. The buttons are placed in

longitudinal direction into the slots of the buckle, and the opposite band end, which has a number of corresponding slots, *d*, passed next through the lateral end slot of the buckle, and then over the projecting heads of the buttons C, and through the slot at the opposite end of the buckle. The buckle is applied to a stretching-hook, and the band attached to another hook, to allow the taking out of the slack by suitable lever-power. When the band is stretched sufficiently it is locked by passing the slot at the end over the buttons, and turning the same across the same, so that the bale is held in the exact state to which it is pressed, without producing the tightening of the band by the expansion of the cotton, as is commonly the case.

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

The bale-tie herein described, consisting of the plate or buckle B, having slots *a b*, combined with the T-buttons C and bale-band A, substantially as set forth.

DR VIRGIL FLORNOY PHILIP ALEXANDER.

Witnesses:

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