

J. W. Truman,

Cotton Bale Tie.

No. 62,274.

Patented Sept. 24, 1867.

Fig. 1.

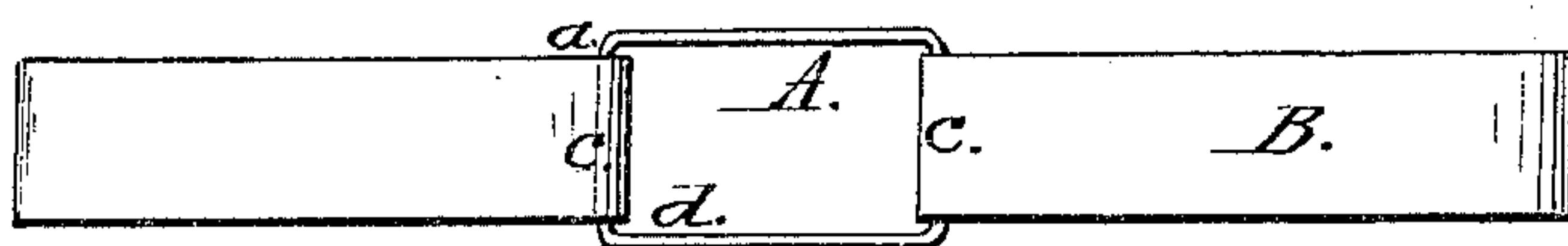


Fig. 2.

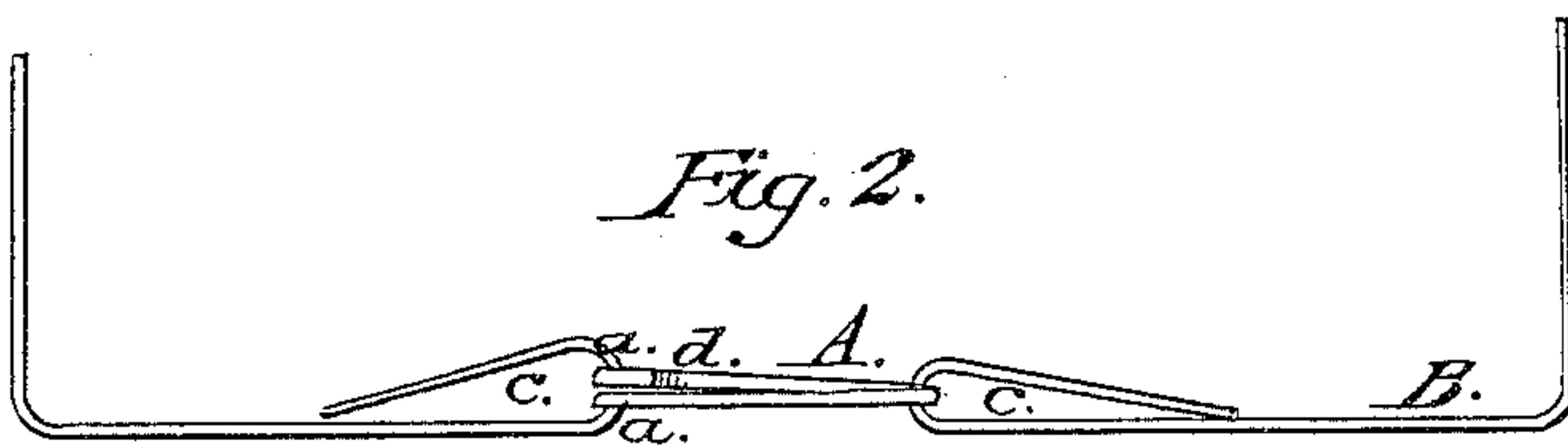
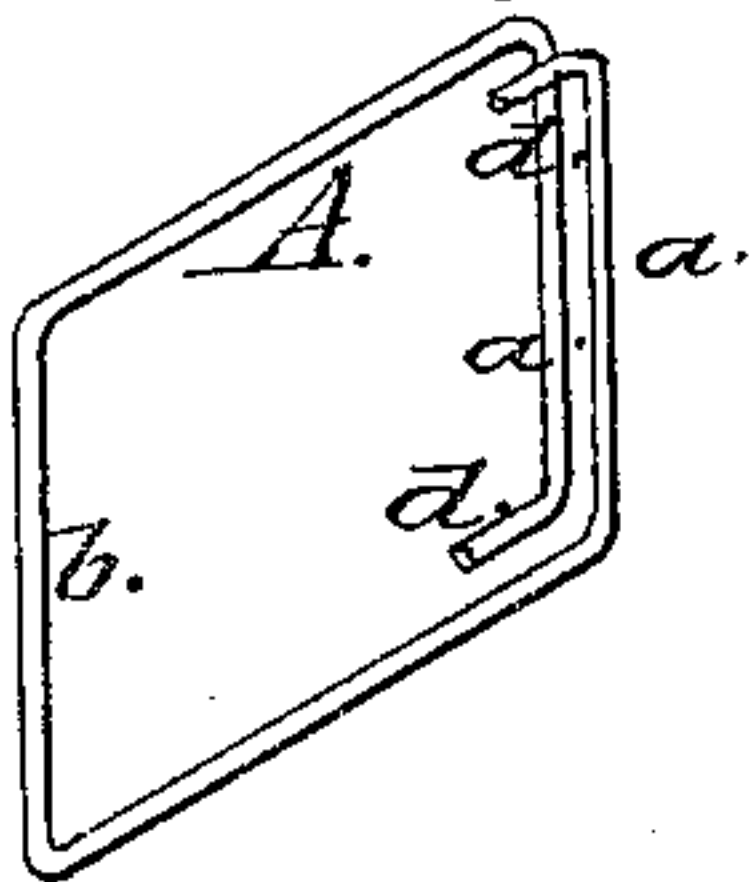


Fig. 3.



Witnesses:
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JAMES W. TRUMAN, OF MACON, GEORGIA.

Letters Patent No. 69,274, dated September 24, 1867.

IMPROVEMENT IN COTTON-BALE TIE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JAMES W. TRUMAN, of Macon, in the county of Bibb, and State of Georgia, have invented a new and improved Cotton-Bale Tie or Hoop-Lock; and that the following description, taken in connection with the accompanying drawings, hereinafter referred to, forms a full and exact specification of the same, wherein I have set forth the nature and principles of my said improvements, by which my invention may be distinguished from all others of a similar class, together with such parts as I claim, and desire to have secured to me by Letters Patent.

This invention relates to a new and improved tie or lock for connecting together and securing the ends of metallic hoops for cotton-bales.

The invention consists in constructing the tie or lock of a single piece of wire or rod bent or swaged in the form of a quadrangle or square, the ends of which, comprising one side of the square, extend entirely across the whole width of the device, said ends being disconnected, but forming a side composed of two thicknesses of the wire, whereby a tie or lock is obtained which may be very readily applied to the hoops, and which will form a very strong and secure fastening. In the accompanying sheet of drawings—

Figure 1 is an outer or face view of the tie or lock fitted to the ends of a hoop, and securing the same together.

Figure 2, an edge view of the same.

Figure 3, a detached perspective view of the same.

Similar letters of reference indicate like parts.

A represents the tie or lock, constructed of a single piece of wire or rod bent in quadrilateral or square form, the ends *a a* of the wire or rod, which compose one side of the same, extending the whole width of the device, and forming a side of double thickness, as shown clearly in fig. 3. These ends *a a* are not connected, as it is necessary that the loops at the end of the hoop be allowed to pass between them in order that they may be adjusted in the loop at one end of the hoop, and the opposite side *b* adjusted in the loop at the other end of the hoop, as shown in fig. 2. The hoop B has a loop, *c*, formed on each end of it, and the tie or lock is fitted in a loop at one end of the hoop before the latter is applied to the bale, the side *b* being adjusted in said loop.

When the bale is fully compressed the loop is formed on the opposite end of the hoop, and said loop passes between the ends *a a*, the tie or lock being turned to admit of both ends being fitted in the loop. On relieving the bale of pressure the material expands, so that the hoop will be tight on the bale. The tie or lock is prevented from spreading laterally on account of the ends of *a a* terminating in hook projections *d d*, shown clearly in fig. 3, the loop *c* fitting between these projections.

I would remark that the wire or rod of which the tie or lock is formed should be of cylindrical form; at least that would be the preferable shape, as it it would not be liable to cut the loops of the hoop, as would be the case if it were of rectangular shape.

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

The flexible tie A, constructed as described, its ends *a a* extending the entire width of one side, overlapping each other, and forming a side of double thickness, their points *d* turned at right angles with the sides *a*, the latter adapted to be pressed together by the strap B, as herein shown and described, for the purpose specified.

JAMES W. TRUMAN.

Witnesses:

ALBERT MIX,
FRANK TYE.