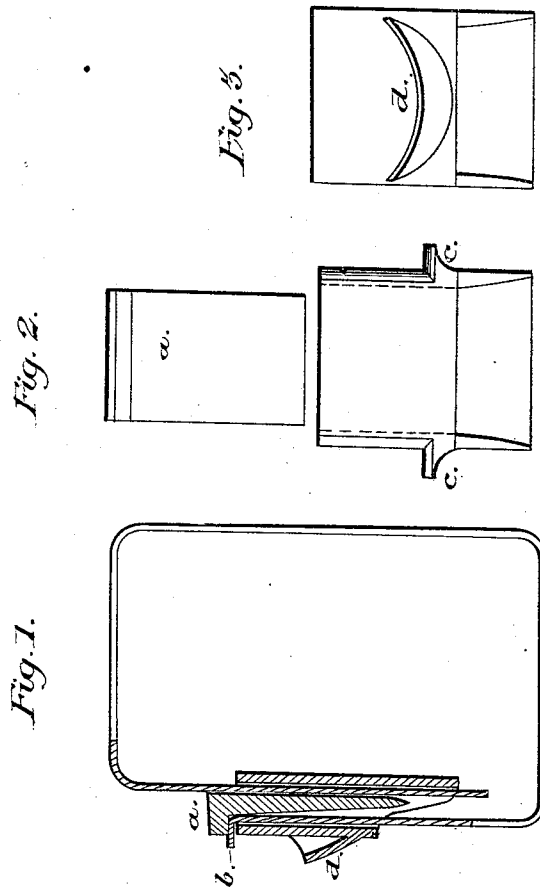


J. THAYER.

BALE-TIE.

No. 175,546.

Patented March 28, 1876.



Witnesses:
Edw. W. Dunn
W. J. [unclear]

Inventor:
J. Thayer

UNITED STATES PATENT OFFICE

JASPER THAYER, OF NEW ORLEANS, LOUISIANA, ASSIGNOR OF ONE-HALF
HIS RIGHT TO CHARLES H. CHASE, OF SAME PLACE.

IMPROVEMENT IN BALE-TIES.

Specification forming part of Letters Patent No. **175,546**, dated March 28, 1876; application filed
November 10, 1875.

To all whom it may concern:

Be it known that I, JASPER THAYER, of the city of New Orleans, parish of Orleans, State of Louisiana, have invented a new and useful Improvement upon the Cotton-Bale Tie invented by Charles H. Chase, of the city of New Orleans, State of Louisiana, and patented the 2d day of November, 1875, which is fully set forth in the following specification, reference being made to the drawings, which I make a part thereof.

The object of my invention is, first, to provide an easy and secure method for securing the ends of the band or hoop after it has been properly adjusted around the bale with the least possible strain upon the buckle. This I accomplish by substituting for the ordinary wedge one with a flange or shoulder, turned upon the upper front edge, as shown by Figure 1, *a*, that when driven home the flange closes down upon the hoop, and forces it over the top edge of the front plate of the buckle, forming a quick right-angle bend in hoop, which

secures it from slipping, as shown in Fig. 1, *b*. Second, is to arrange the bearings upon the buckle, on which the downward pressure rests, in such a manner as not to interfere with the driving of the wedge. This I accomplish by the projecting lugs, 2 *c c*, upon the two outer edges of the buckle, set far enough below the top to allow the claw of the goose-neck to work clear of the top of the buckle, as shown in Fig. 2. This can also be accomplished by dispensing with the lugs and putting a pocket or shoe upon the front plate of the buckle, to receive a single claw, as shown in Figs. 1 and 3, *d*, which will accomplish the same end.

I claim as my invention—

The buckle having the lugs *c c*, the shoe or pocket *d*, Figs. 1 and 3, and the flange upon the wedge, substantially as described, and for the purposes set forth.

JASPER THAYER.

Witnesses:

JAMES S. GRINNELL,
HARRY COLEMAN.