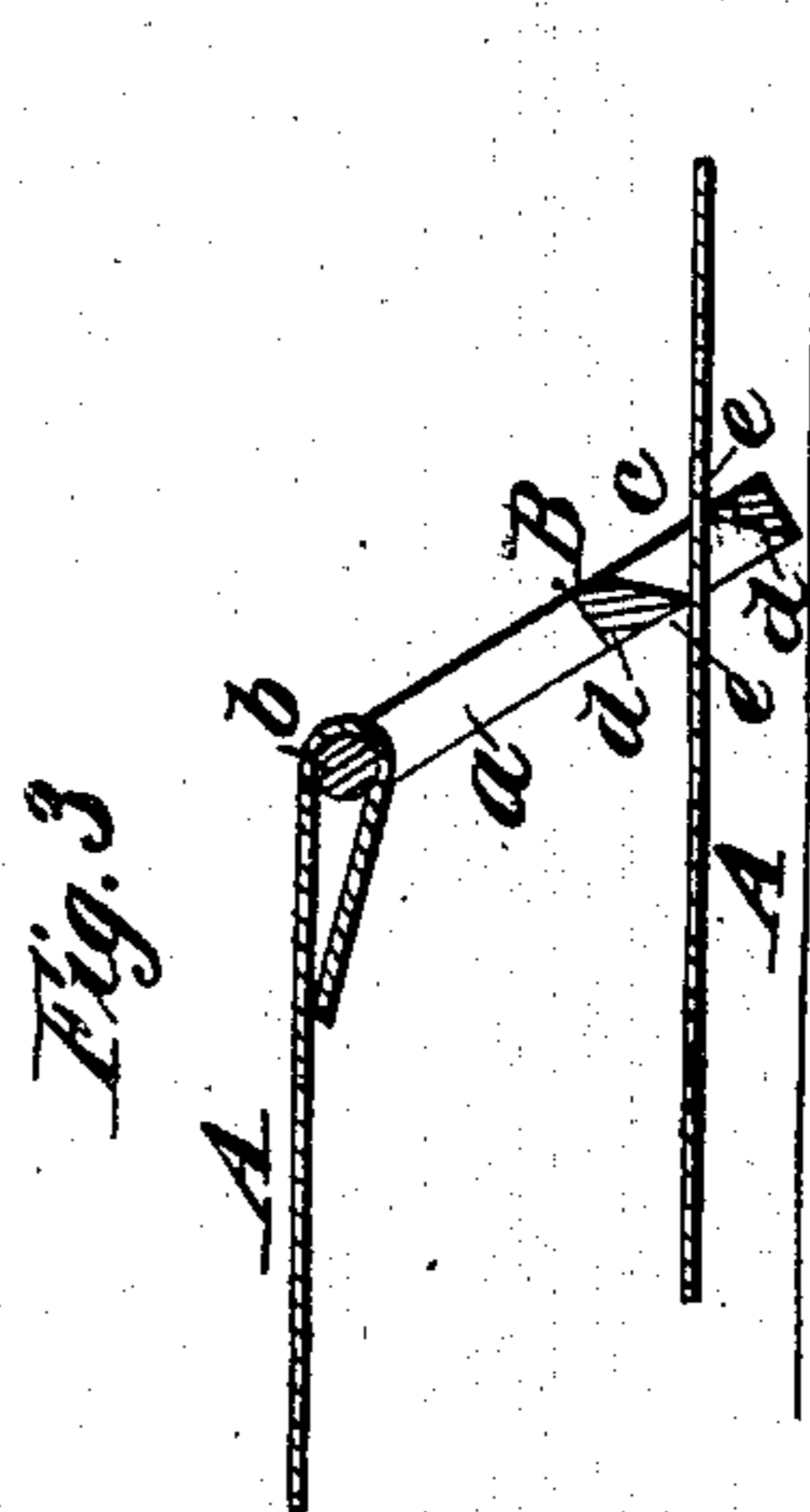
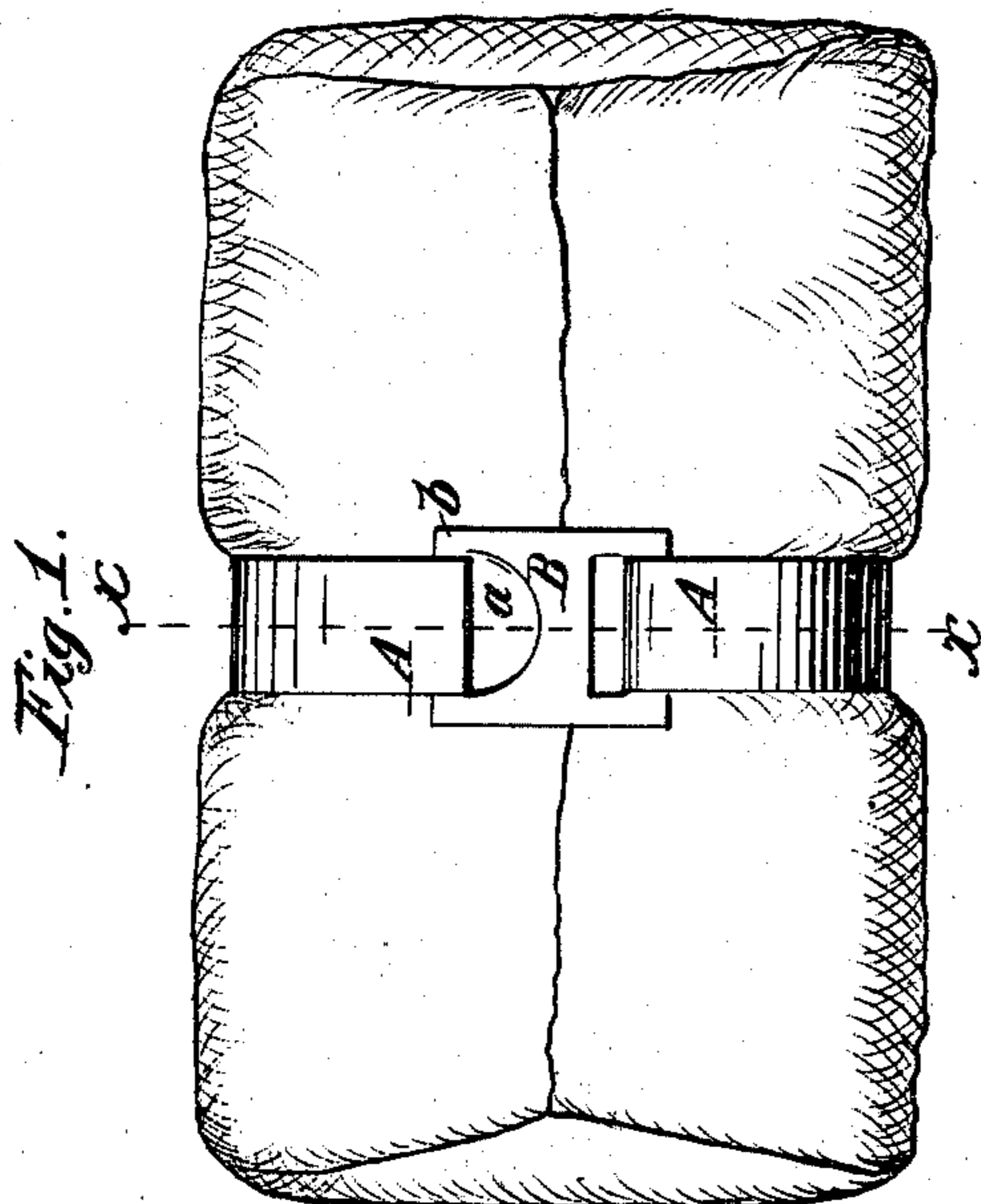
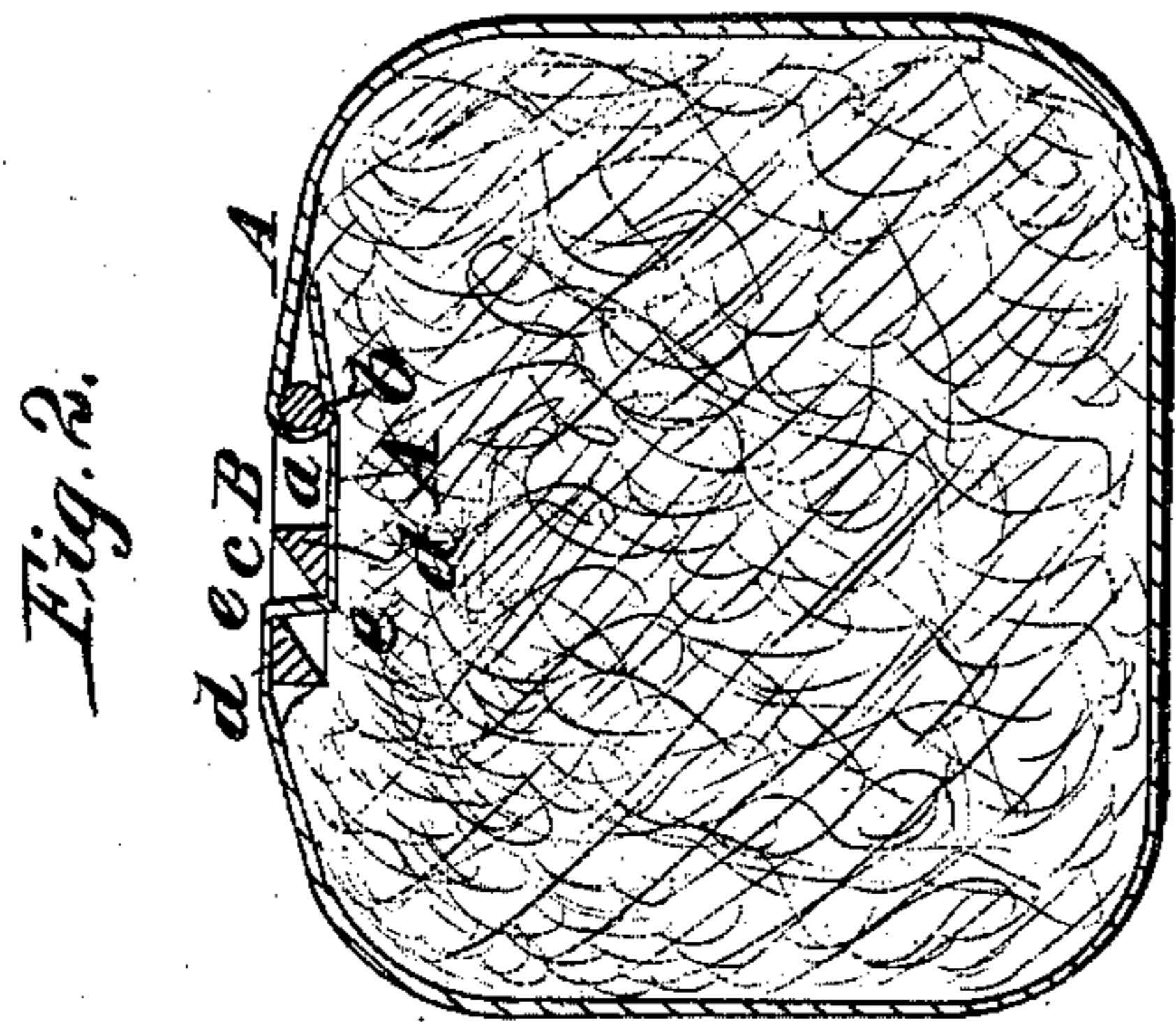


J. REINECKER.  
COTTON BALE TIE.

No. 62,069.

Patented Feb. 12, 1867.



Witnesses:  
Alex F. Roberts  
Charles C. ...

Inventor:  
J. Reinecker  
per Munn & Co.  
Attorneys

# United States Patent Office.

J. REINECKER, OF NEW ORLEANS, LOUISIANA, ASSIGNOR TO GUSTAVUS RICKER, OF COVINGTON KENTUCKY.

*Letters Patent No. 62,069. dated February 12, 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, J. REINECKER, of New Orleans, in the parish of Orleans, and State of Louisiana, have invented a new and improved Hoop Lock or Clasp for the Hoops of Bales; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an external view of my invention applied to the hoop of a bale.

Figure 2, a section of the same taken in the line  $x x$ , fig. 1.

Figure 3, a detached longitudinal section of the clasp or lock and the ends of a bale hoop, showing the manner in which the ends of the latter are connected by the former.

Similar letters of reference indicate like parts.

This invention relates to a new and improved lock or clasp for connecting together or securing the ends of the metal hoops of cotton and other bales, and it consists of a plate of cast or wrought metal, having an opening made in it to admit of one end of the hoop being secured in it, and also having an oblique opening formed of two parallel inclined sides, through which opening the other end of the hoop is passed, the sharp edges of the oblique opening, under the expansion of the bale, grasping the bale hoop and bending it in such a manner as to form a secure connection.

A A' represent the two ends of a metal bale hoop, constructed of hoop iron as usual, and B is a plate of cast or wrought metal, having an opening,  $a$ , in it at one end, with its outer side rounded to form a bar,  $b$ , around which one end, A, of the hoop is bent to form a secure connection, as shown in figs. 2 and 3. These plates may be secured to the end A of the hoops before the hoops are fitted to the press-box. The plate B has another opening,  $c$ , in it near its opposite end, said-opening having inclined sides,  $d d$ , as shown in figs. 2 and 3, to form sharp edges or angles,  $e$ , one at the outer and the other at the inner side of the plate. When the cotton or other material is compressed in the press and the hoops applied to the bale, the ends A' are passed through the oblique openings  $c$ , the plates B being inclined or adjusted in an oblique position, (see fig. 3,) and when the follower and platen of the press are moved back, the bale will of course expand, and the plates B, under the expansion of the bale, will be drawn parallel with the side of the same, as shown in fig. 2, and the ends A' of the hoops bent by the angles or edges  $e e$  of the opening  $c$ , so that they cannot be drawn out from said openings, and the hoops therefore will be firmly secured on the bale. It will be seen that all hammering, riveting, etc., are avoided, and the fastening of the ends of the hoops effected with the greatest facility.

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

The plate B, provided with the semicircular opening  $a$  and the opening  $c$ , with inclined sides  $d$ , presenting two sharp edges or angles to the strap, substantially as described for the purpose specified.

J. REINECKER.

Witnesses:

H. SCHLUTER,  
CHAS. L. FLENTGE.