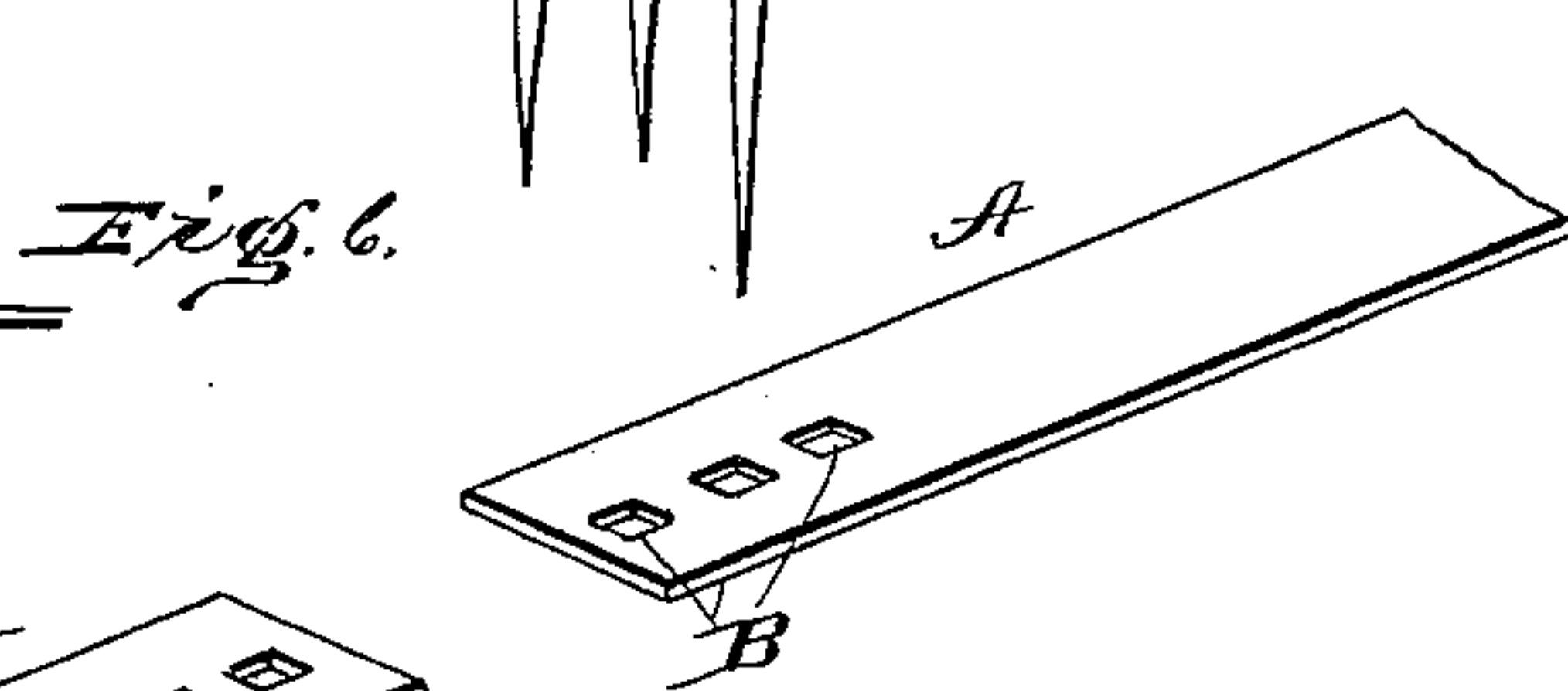
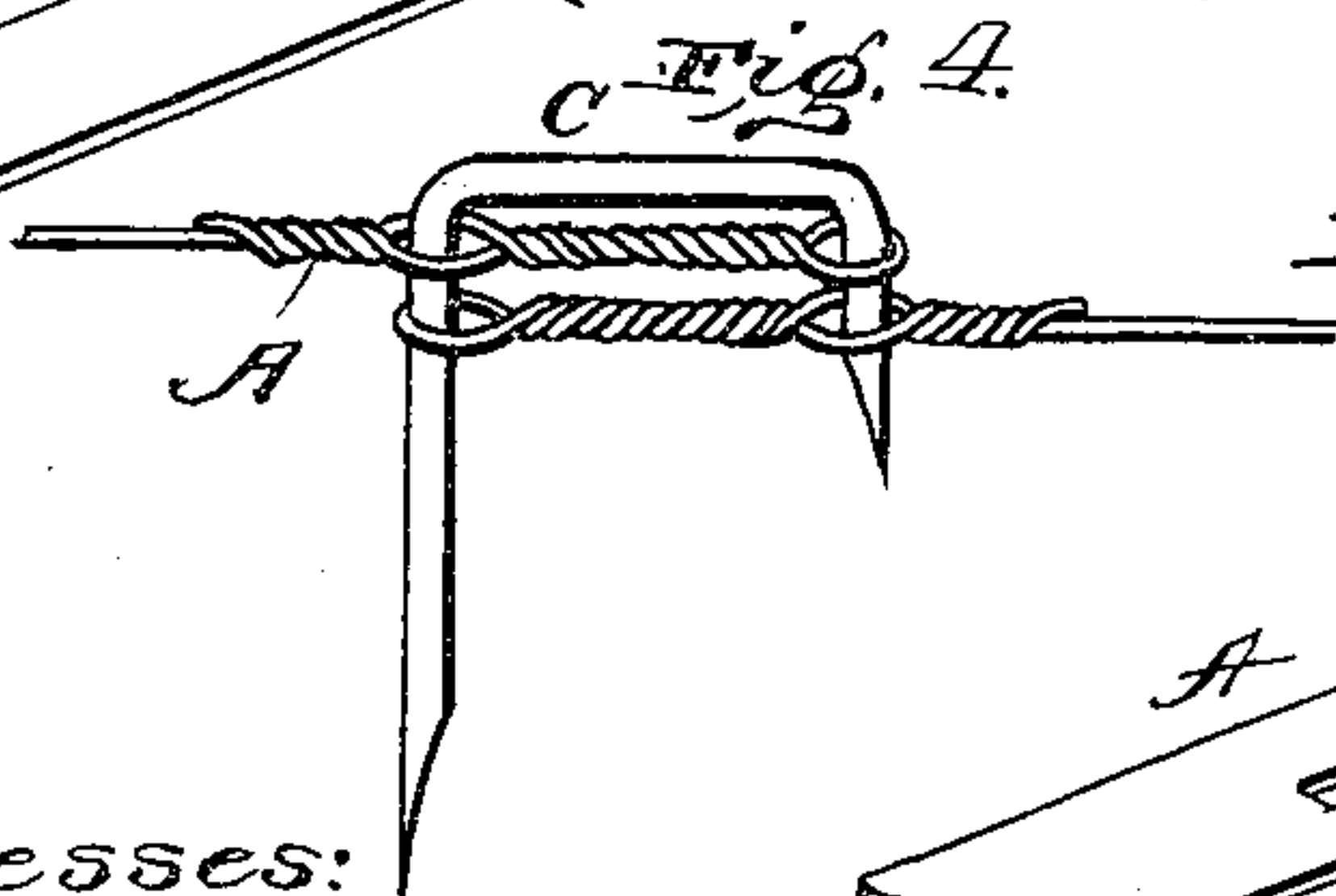
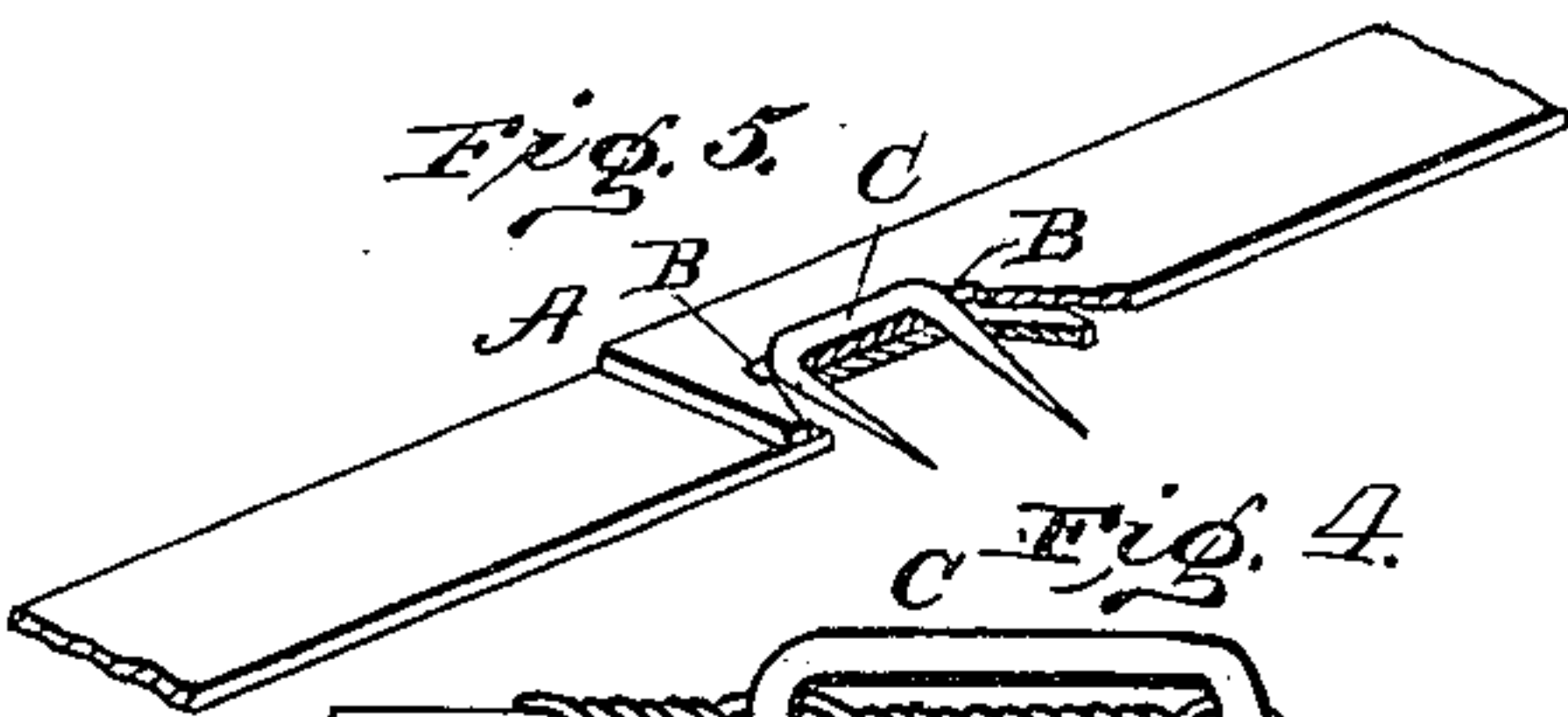
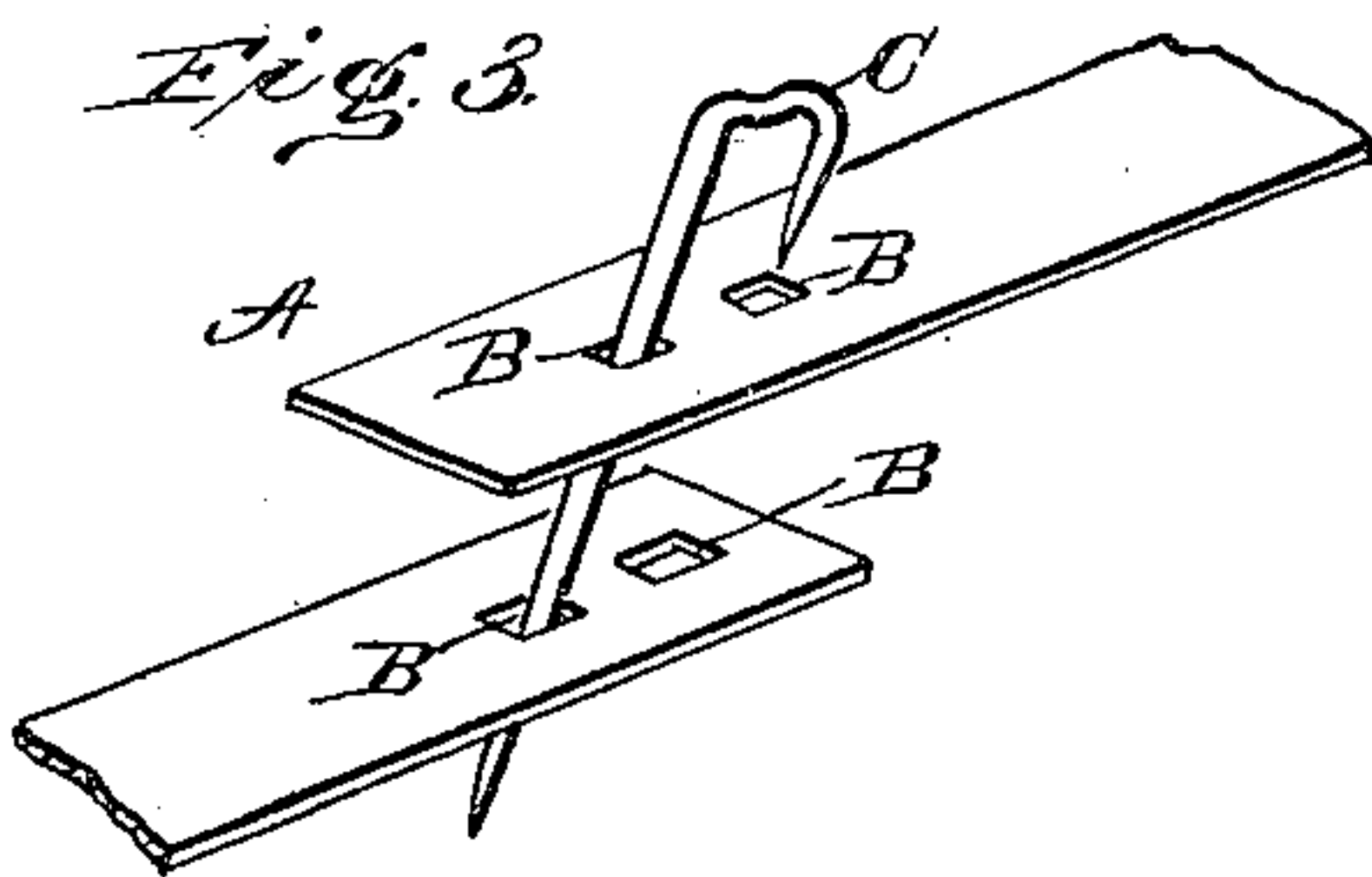
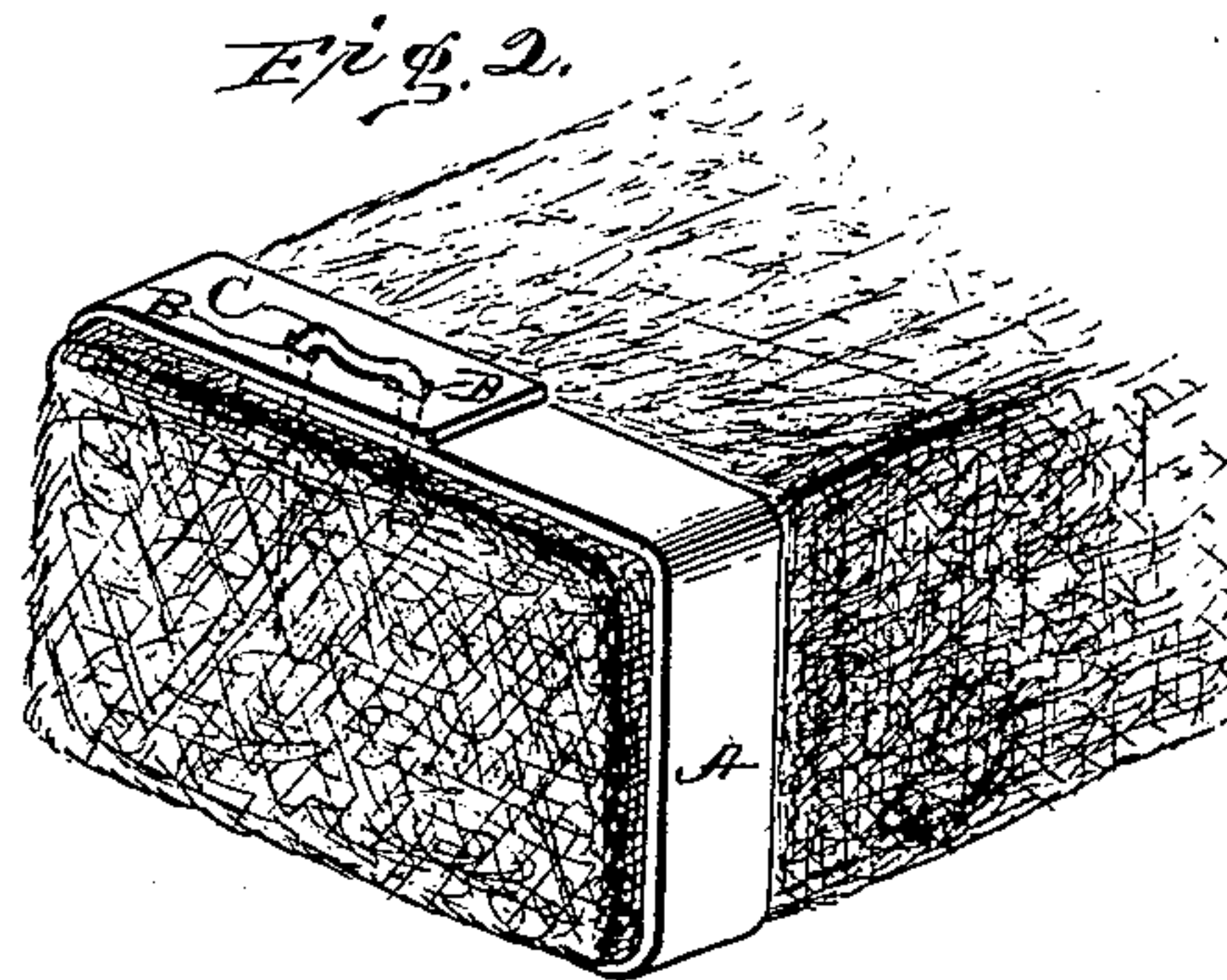
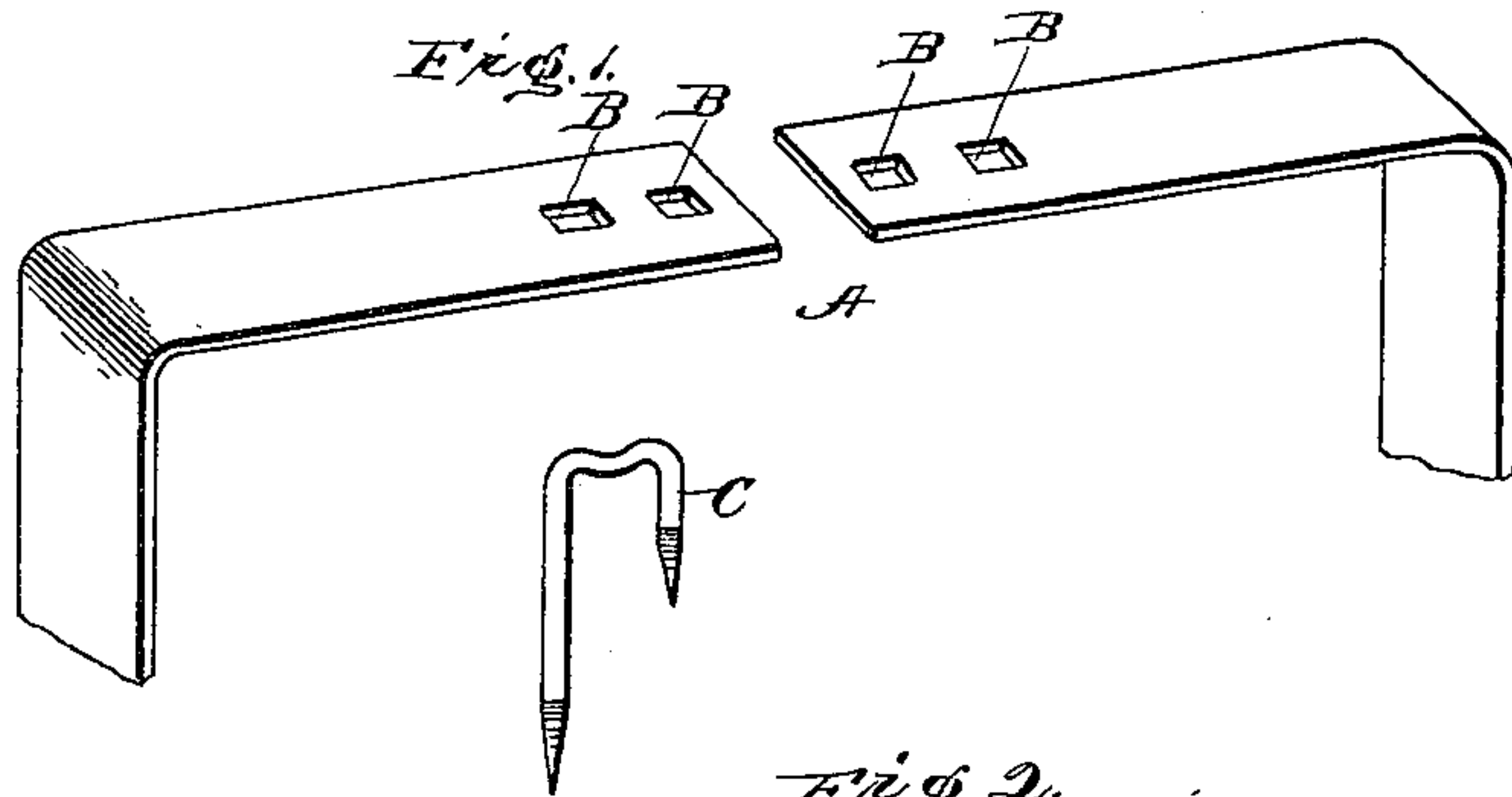


No. 663,423

Patented Dec. 11, 1900.

P. K. DEDERICK.  
BALE BAND FASTENING.  
(Application filed May 10, 1894.)

(No Model.)



Witnesses:  
*J. M. Fowler Jr.*  
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Inventor:  
*Peter R. Dederick*  
By *Church & Church*  
his Attorneys.

# UNITED STATES PATENT OFFICE.

PETER K. DEDERICK, OF LOUDONVILLE, NEW YORK.

## BALE-BAND FASTENING.

SPECIFICATION forming part of Letters Patent No. 663,423, dated December 11, 1900.

Application filed May 10, 1894. Serial No. 510,752. (No model.)

*To all whom it may concern:*

Be it known that I, PETER K. DEDERICK, of Loudonville, county of Albany, State of New York, have invented a new and useful Improvement in Bale-Band Fastenings, of which the following is a specification, reference being had to the accompanying drawings.

Figure 1 is a view of my improved bale-band fastening detached. Fig. 2 is a view of the fastening adjusted or locked. Fig. 3 is a view in process of adjustment. Figs. 4, 5, and 6 are modifications.

Similar letters represent similar parts.

My improvements are adapted for use with wire, but more particularly with band-iron.

In each end of the band A in Fig. 1 are punched two holes B B, as shown, and preferably of oblong shape, and staple C is of proportions to pass through the holes B and sharp enough to drive in the bale.

In securing the band on the bale the ends and holes B overlap and the staple C passes through holes B in both ends and is driven into the bale, as shown in Fig. 2.

The staple C has a plurality of straight parallel pointed arms, one of the arms being long and the other short. Thus a shorter band may be used, as the long arm of the staple may be used as a lever in drawing the band together, so that the staple may be driven into the bale.

I preferably construct the staple with top bent in it to strike the band ends and hold them farther from the corners of the staple, although the top may be straight, as shown in Fig. 4, or of any other desired form.

Fig. 4 represents a wire band with two loops or eyes at each end and secured by staple C to drive into the bale.

Fig. 5 shows the staple bent back to secure it to the one end of the band permanently, and in adjusting it is hooked into the other end, the points projecting and being drawn into the hay.

The ends of the bands may be provided with more holes, if desired, and more than two arms or points provided to the staple to correspond, as illustrated in Fig. 6, for instance, thus increasing the strength of the fastening; but for ordinary purposes I have found two sufficient.

Bands with a hole or eye at each end and a nail driven through them into the bale are a well-known method of binding bales, but defective in that in loose baling the nail is likely to draw over and slip the band or in compact baling the single bearing of band-iron against the nail gives way or splits the band end, both of which are obviated by the use of my staple, which when driven into the bale cannot slip or become detached and the strength is doubled by the bearing in two holes.

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

The combination with the bale-band having the overlapping ends provided with a plurality of coincident apertures arranged in line longitudinally of the band, of the staple having a plurality of straight parallel pointed arms, one of the arms being long and the other short said arms being passed through the coincident apertures and into the confined material; substantially as described.

PETER K. DEDERICK.

Witnesses:

R. J. VAN SCHOONHOVEN,  
F. X. CLEMENT.