

B. F. BARROW.
 Device for Securing Buckles, &c., to Straps.
 No. 217,044. Patented July 1, 1879.

Fig. 1.

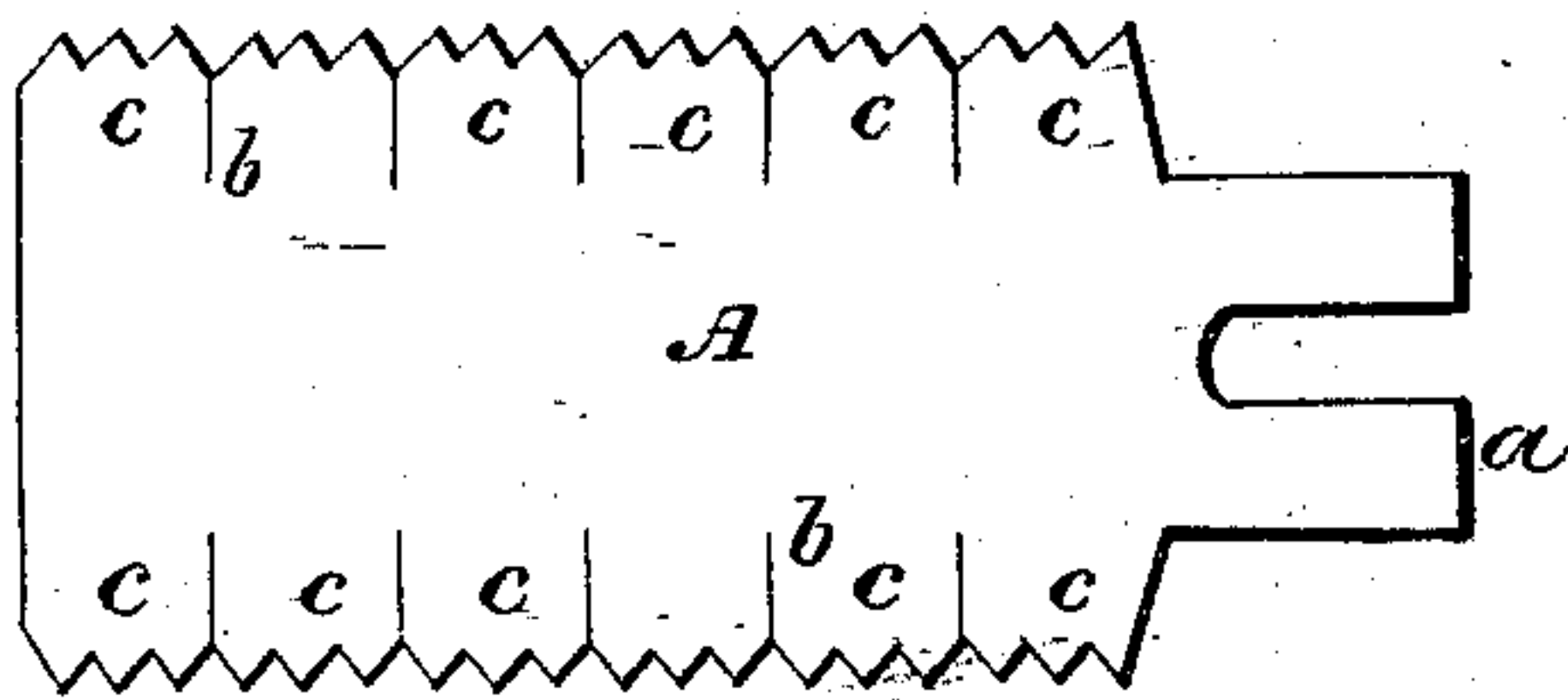


Fig. 2.

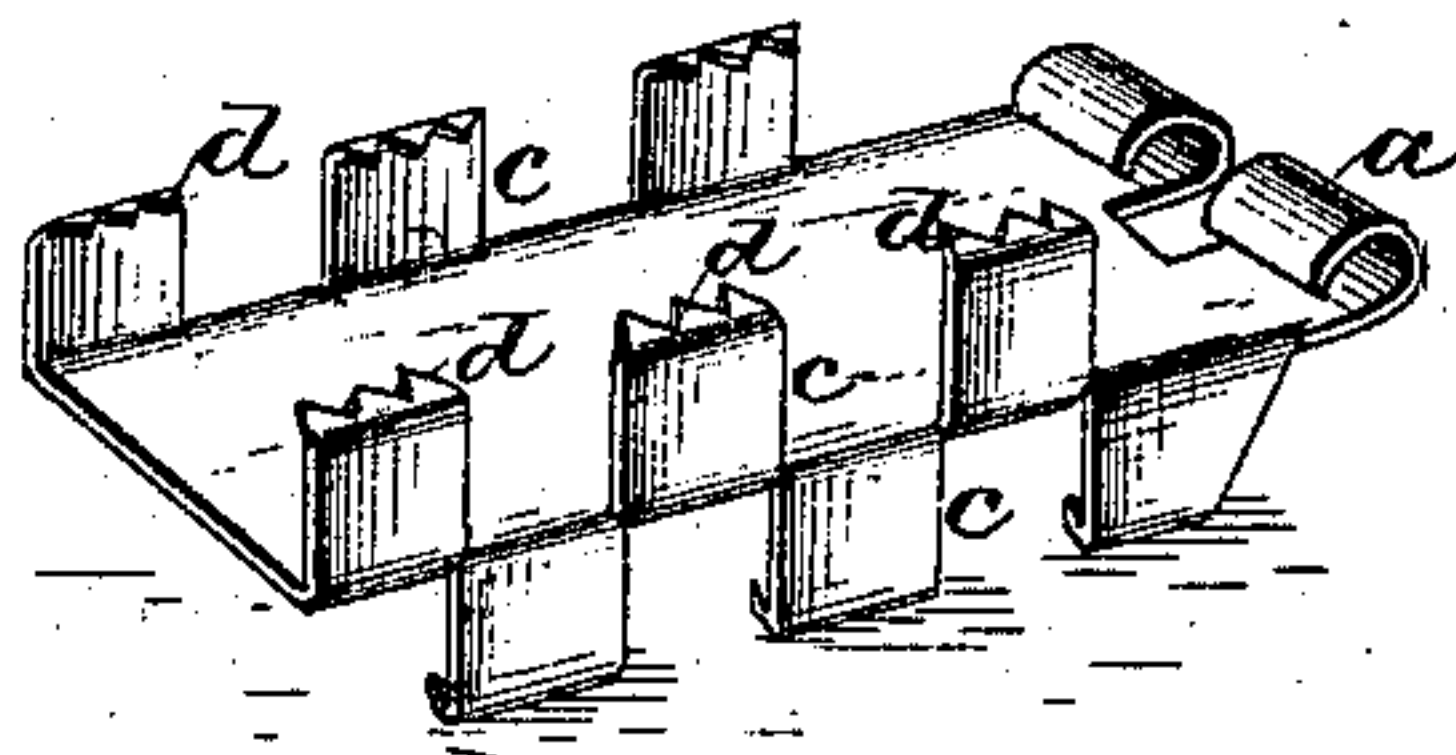


Fig. 4.

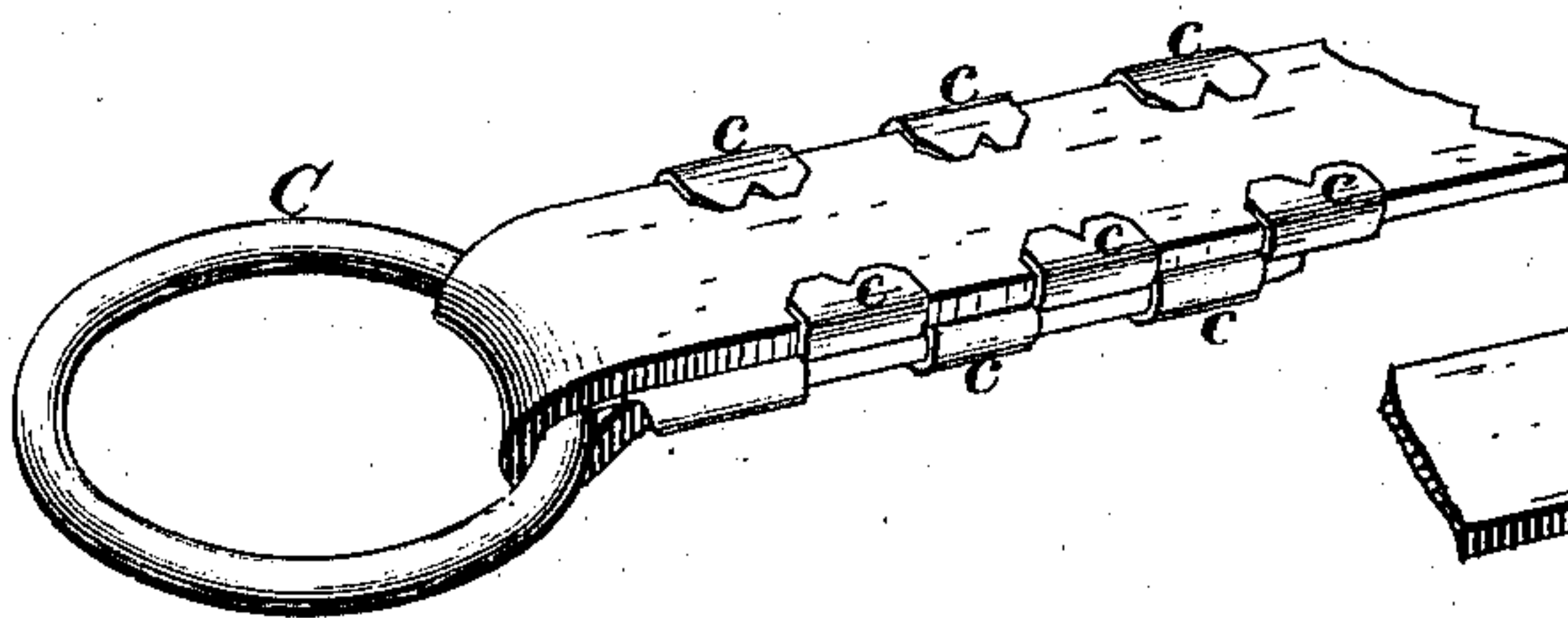


Fig. 3.

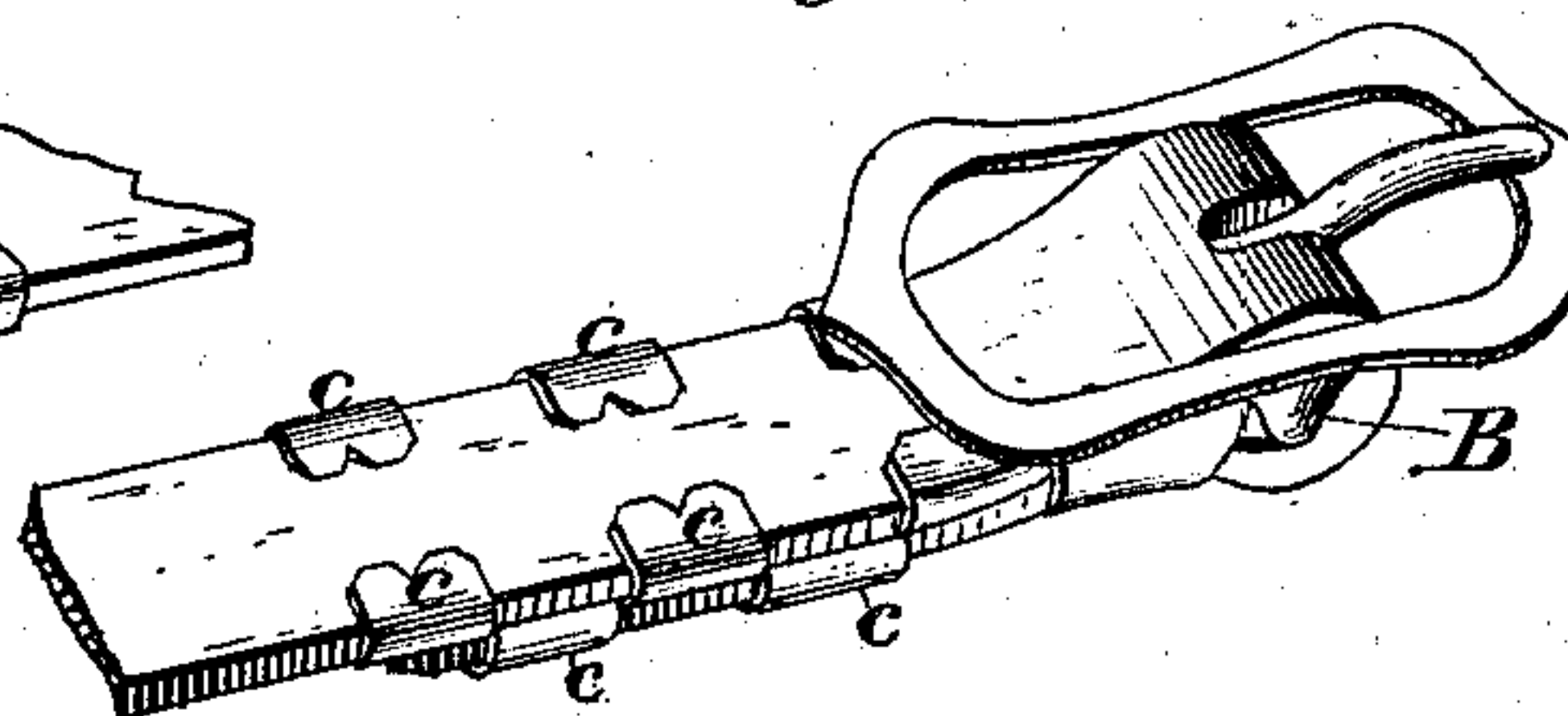


Fig. 5.

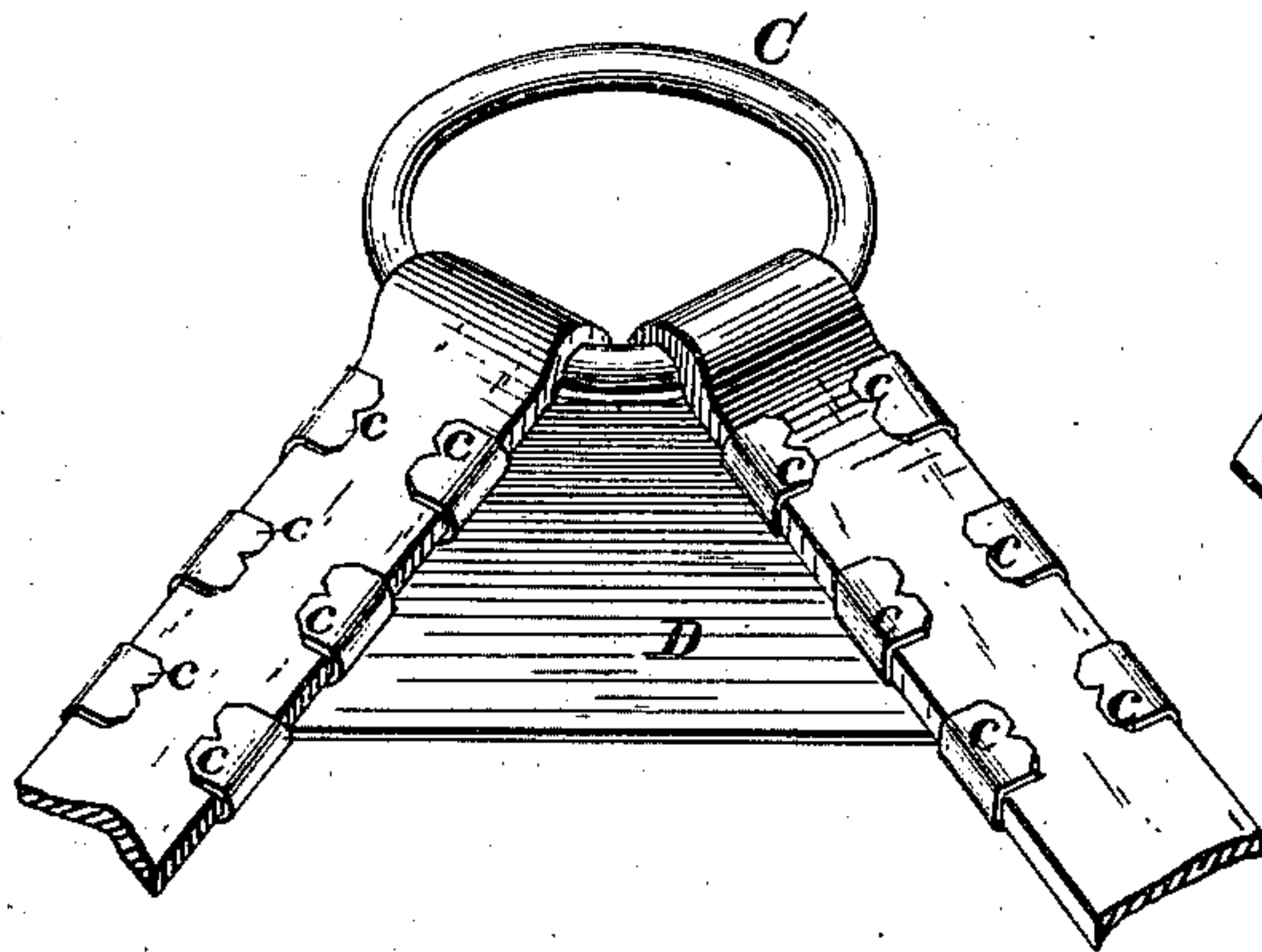
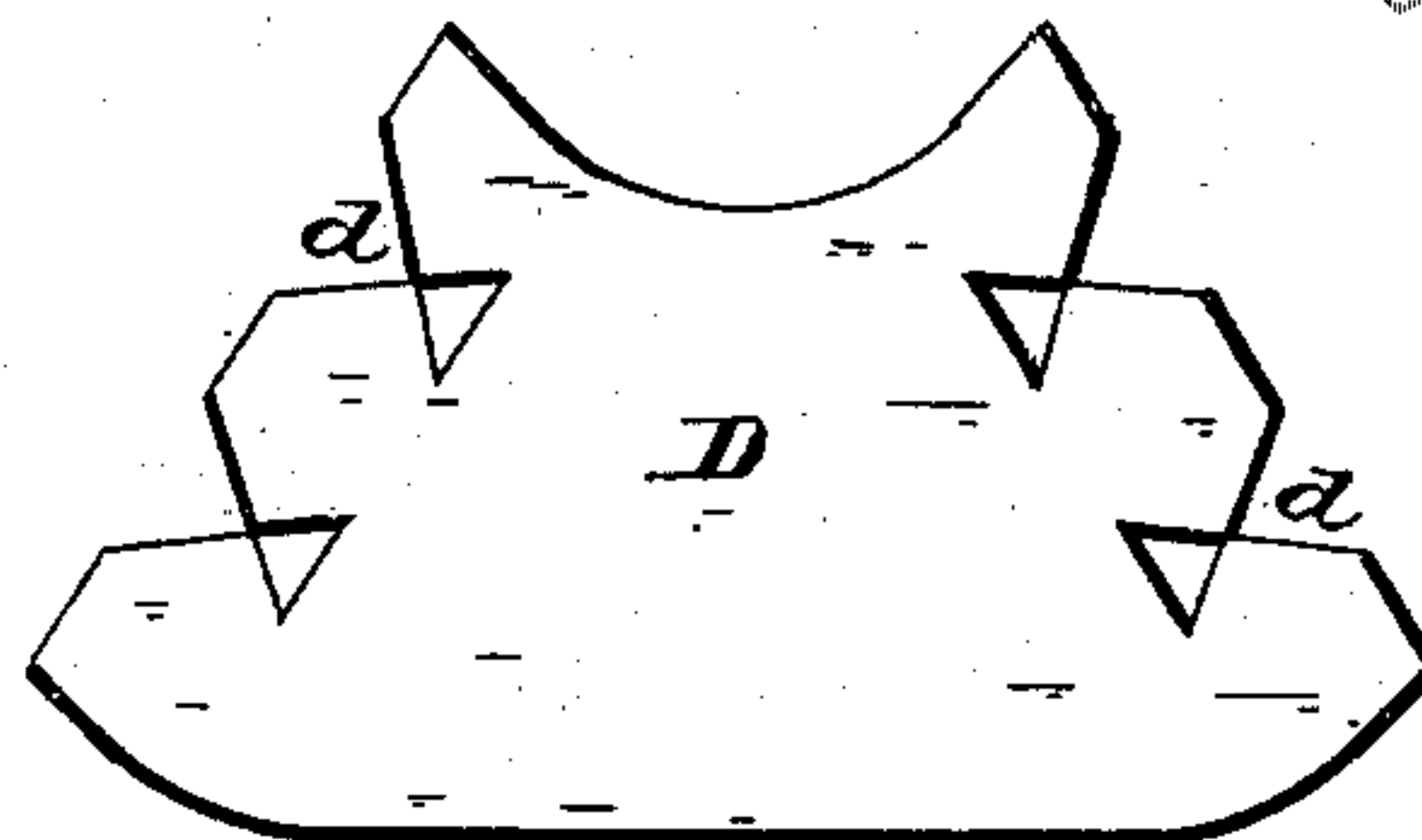


Fig. 6.



Attest:

J. Henry Kaiser
J. A. Rutherford

Inventor:

Benjamin F. Barrow
By his Attorney
James L. Norris

UNITED STATES PATENT OFFICE.

BENJAMIN F. BARROW, OF JEWETT, TEXAS, ASSIGNOR OF ONE-HALF HIS
RIGHT TO JAMES T. MORGAN, OF SAME PLACE.

IMPROVEMENT IN DEVICES FOR SECURING BUCKLES, &c., TO STRAPS.

Specification forming part of Letters Patent No. **217,044**, dated July 1, 1879; application filed
May 9, 1879.

To all whom it may concern:

Be it known that I, BENJAMIN F. BARROW, of Jewett, in the county of Leon and State of Texas, have invented certain new and useful Improvements in Devices for Securing Buckles, Rings, and Similar Articles to Straps, of which the following is a specification.

This invention relates to an improved device for securing buckles, rings, and similar articles to straps; and it has for its object to dispense with the necessity of stitching the folded portions of the strap which forms the loop, in which the loop, ring, or the cross-piece of the buckle is held, and provide a means whereby the said parts of the strap may be quickly united and firmly held together, and also to an improved means of bracing the intersecting ends of two or more straps when fastened to a loop, as more fully hereinafter specified.

To this end my invention consists in a metallic plate adapted to be secured at one end to the cross-piece or other part of a buckle, or to a loop or other article, said plate being provided at each side with a series of ears, projecting alternately in opposite directions, the plate being adapted to be interposed between the folded parts of the strap, and the projections bent over the folded parts of the strap, as more fully hereinafter specified..

In the drawings, Figure 1 represents the blank from which the plate is formed. Fig. 2 represents a perspective view of the plate, bent as when attached to the buckle and ready to be secured to a strap. Fig. 3 represents the buckle and plate secured to a strap. Fig. 4 represents the plate carrying a ring and attached to a strap. Fig. 5 represents a view of my invention, showing a means for securing two or more straps to a loop, and strengthening the connection by means of a metallic plate; and Fig. 6 represents the metallic connecting-plate detached.

The letter A indicates the blank from which the plate is formed. This blank is preferably cut out of sheet metal, and is formed with one or more projections, *a*, at its forward end, which may be bent over and secured to the loop or buckle, as shown in Figs. 2, 3, and 4. The blank is cut at each side at suitable in-

tervals, as indicated by the letter *b*, and the cut portions or ears *c* are bent at right angles alternately in opposite directions, as shown in Fig. 2.

In order to provide for more securely holding the parts of the strap, the edges of the blank are serrated, as indicated by the letter *d*, forming a series of prongs on the ears *c*, which are bent as shown in Fig. 2.

The projection or projections *a* of the plate are bent around the cross-piece B of the buckle or around the ring C, so as to securely hold the same. The strap is then passed around the cross-piece, loop, or ring, in the usual manner, and folded so as to bring the respective parts between the ears on the opposite sides of the plate. The ears are then bent down over the parts of the strap, as shown in Figs. 3 and 4, and the prongs are forced into the same, so as to firmly secure the said plate to the strap.

It will be perceived that the plate as constructed not only serves to hold the parts of the strap together, but also acts as a re-enforce to the loop where it passes around the buckle or loop, and saves the same from wear and from injury when subjected to strain.

By means of the ears at each side of the plate, the parts of the strap may be quickly secured together without the tedious operation of stitching, and the plate is much stronger than the stitches, and is not liable to rot and become weakened, like the stitches.

It will be obvious that two straps connected with a single loop or ring, by means of the peculiar eared plate described, may be united rigidly together by an intermediate metal plate, D, as represented in Figs. 5 and 6, said plate being interposed between the folded portions of the straps, and provided with apertures *d*, through which the ears or lugs of the strap-attaching plates pass.

What I claim is—

1. An improved strap-attaching device, consisting of a metallic plate having one or more end projections, *a*, for the purpose stated, and a series of ears or lugs, *c*, upon both side edges of the plate, bent at right angles to the same, and in opposite directions, so as to adapt them

to clamp and hold a strap upon each side of the plate, all substantially as shown and described.

2. A metallic plate having suitable connecting end attachments, and provided with serrated ears at each side edge, alternately turned in opposite directions, and adapted to be forced into the material upon opposite sides of the plate, all substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand in the presence of the subscribing witnesses.

BENJAMIN F. BARROW.

Witnesses:

F. L. MONROE,
J. E. ANDERSON.