

(No Model.)

C. H. ALLEN.

DEVICE FOR SECURING STRAPS TO BUCKLES, &c.

No. 285,200.

Patented Sept. 18, 1883.

Fig. 1.

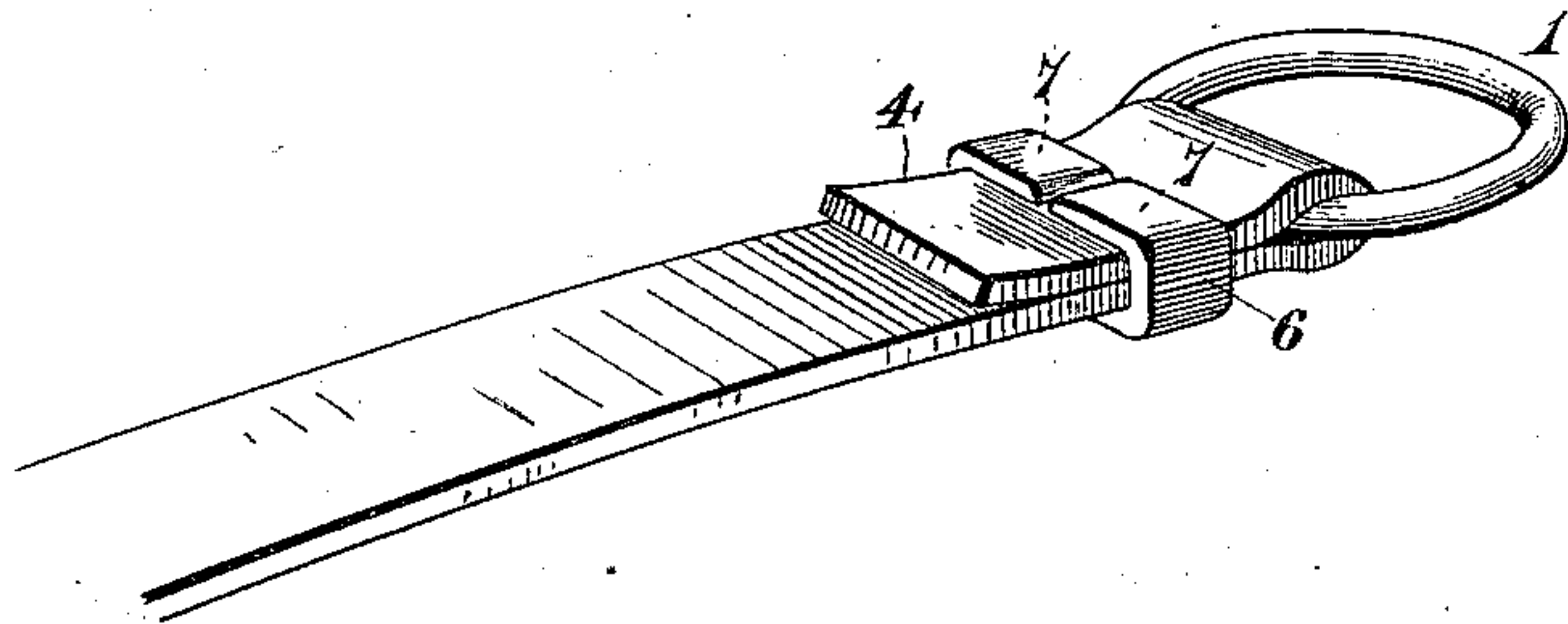


Fig. 2.

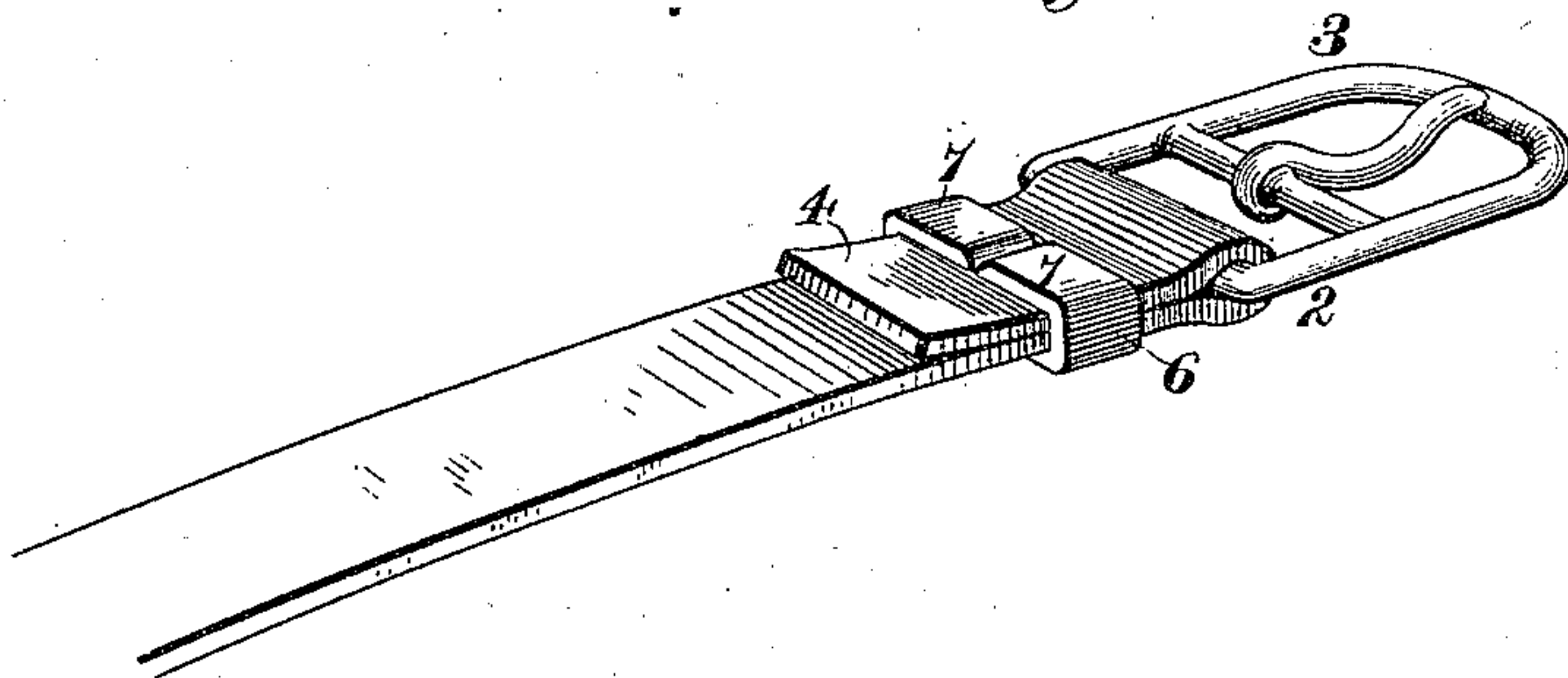


Fig. 3.

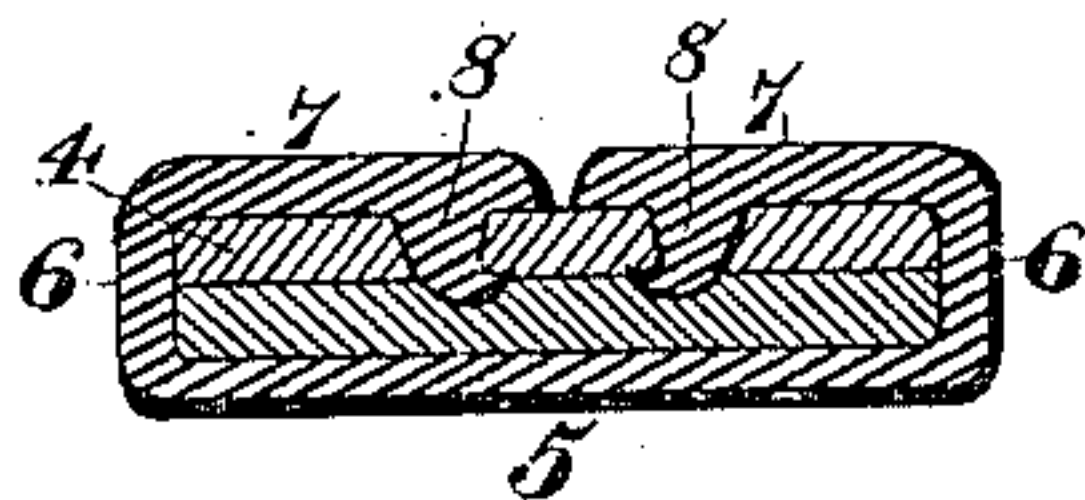
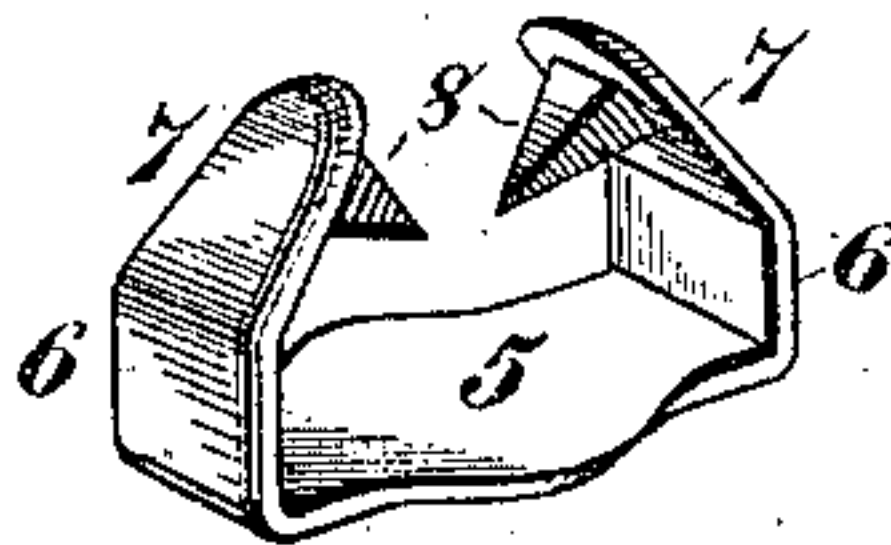


Fig. 4.



Witnesses.

Robert Everett.

Vinton Coombs.

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UNITED STATES PATENT OFFICE.

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DEVICE FOR SECURING STRAPS TO BUCKLES, &c.

SPECIFICATION forming part of Letters Patent No. 285,200, dated September 18, 1883.

Application filed March 7, 1883. (No model.)

To all whom it may concern:

Be it known that I, COTTON H. ALLEN, a citizen of the United States, residing at St. Louis, in the county of St. Louis and State of Missouri, have invented new and useful Improvements in Devices for Securing the Laps of Straps in Attaching Rings, Buckles, &c., of which the following is a specification.

The invention relates to improvements in the means employed to secure the laps of leather straps, such laps being those parts of the straps which are inserted through a ring or loop and folded or turned back on the body of the straps, where they are usually secured by stitching with thread, or by punching holes through the parts, inserting rivets through such holes, and then upsetting the projecting ends of the rivets. The stitching is objectionable, in that the stitches rip or break, and thus destroy the connection; and the riveting is objectionable, in that the strap must be provided with holes, which weaken the same.

The objects of my invention are to avoid these objections and to provide a novel device for permanently and substantially securing the lap for connecting the strap with a ring, loop, or buckle. This I accomplish in the manner and by the means hereinafter described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 represents a strap connected with a ring, with the lap secured by my improved device; Fig. 2, a similar view showing the strap connected with a buckle; Fig. 3, a transverse sectional view through the strap and the lap-securing device, and Fig. 4 a detail perspective view of the lap-securing device as constructed for application to the strap.

In connecting the strap with the ring No. 1, or the loop 2 of the buckle 3, the end of the strap is passed through the ring or loop and then folded or turned back on the body of the strap, which folded or turned back portion constitutes the lap 4.

In order to permanently secure this lap to the body of the strap in a substantial manner, I provide a device which is formed of a narrow flat strip of brass, malleable iron, or other metal capable of being bent without break-

ing. This strip is bent up adjacent to each end to form a straight base or body portion, 5, and two arms, the latter projecting a short distance from the base or body at right angles thereto, as at 6, such straight portions being of a length equal to substantially the thickness of the two thicknesses of leather strap. From the outer end of the straight portion 6 the arms converge, as at 7, to stand in oblique positions relative to the base or body, and adjacent to the extremity of each arm—that is, intermediate of the length of said portion or arms 7—is formed a pointed projection, 8, which is pyramidal in form, the base thereof joining the arm and the points standing toward each other. To apply the clasp it is slipped over the strap until it reaches the place on the lap where the latter is to be confined. The converging arms are then pressed down upon the lap, which causes the pointed projections to penetrate the leather. In actual use the points, after passing through the lap and meeting the body of the strap, will be deflected or turned away from a straight line, thus clinching the points into the leather. The two arms, being tightly compressed, will rest against each other at their extremities, and thus form in effect a continuous band, while the clinched points secure the same and attach the lap permanently and substantially to the strap-body. The pyramidal form of the projections gives them body and strength, the base of the pyramid receiving all the strain on the lap and effectually resisting the same, thus making a very strong and efficient connection of the parts. The device can be conveniently made from brass or other metal capable of being bent without breaking, and provides efficient and durable means for securing leather laps. The outer surface of the base or body can be polished or ornamented with suitable designs, and thus form an attractive adjunct to and a neat device for securing straps to rings, buckles, and similar articles.

Having thus described my invention, what I claim is—

A device for securing the laps of straps, consisting of a strip of metal bent to form a straight base or body, 5, straight portions 6,

at right angles to the base or body, and of a length equal to the two thicknesses of the strap, and converging portions 7, each of said converging portions having intermediate of
5 its length a pointed pyramidal-shaped projection, 8, substantially as and for the purposes described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

COTTON H. ALLEN.

Witnesses:

EDWIN C. S. HUNT,
GEO. W. DAVIS.