

(No Model.)

I. D. WRIGHT & A. E. McCLURE.
BUCKLE.

No. 594,308.

Patented Nov. 23, 1897.

Fig. 1.

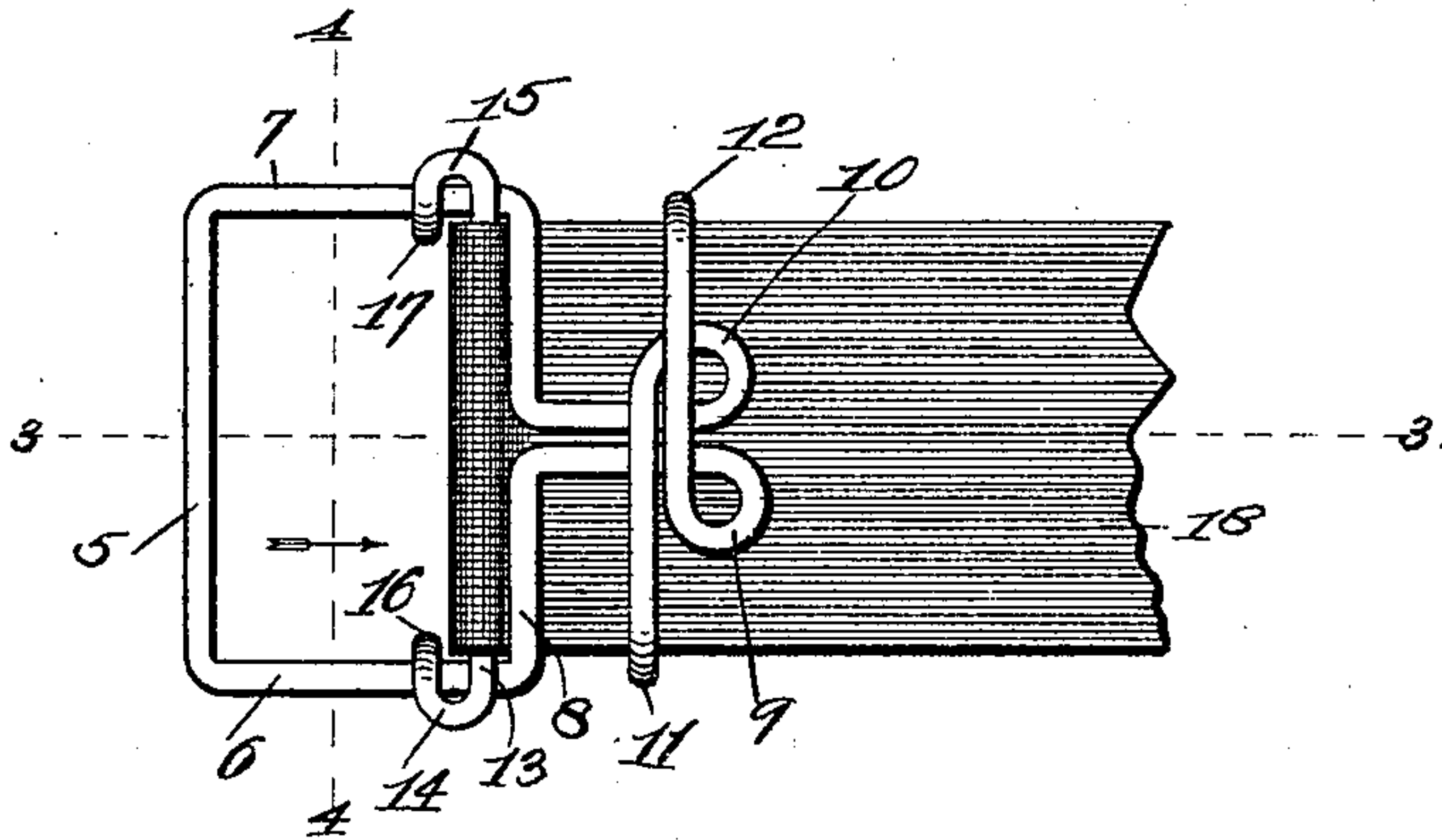


Fig. 2.

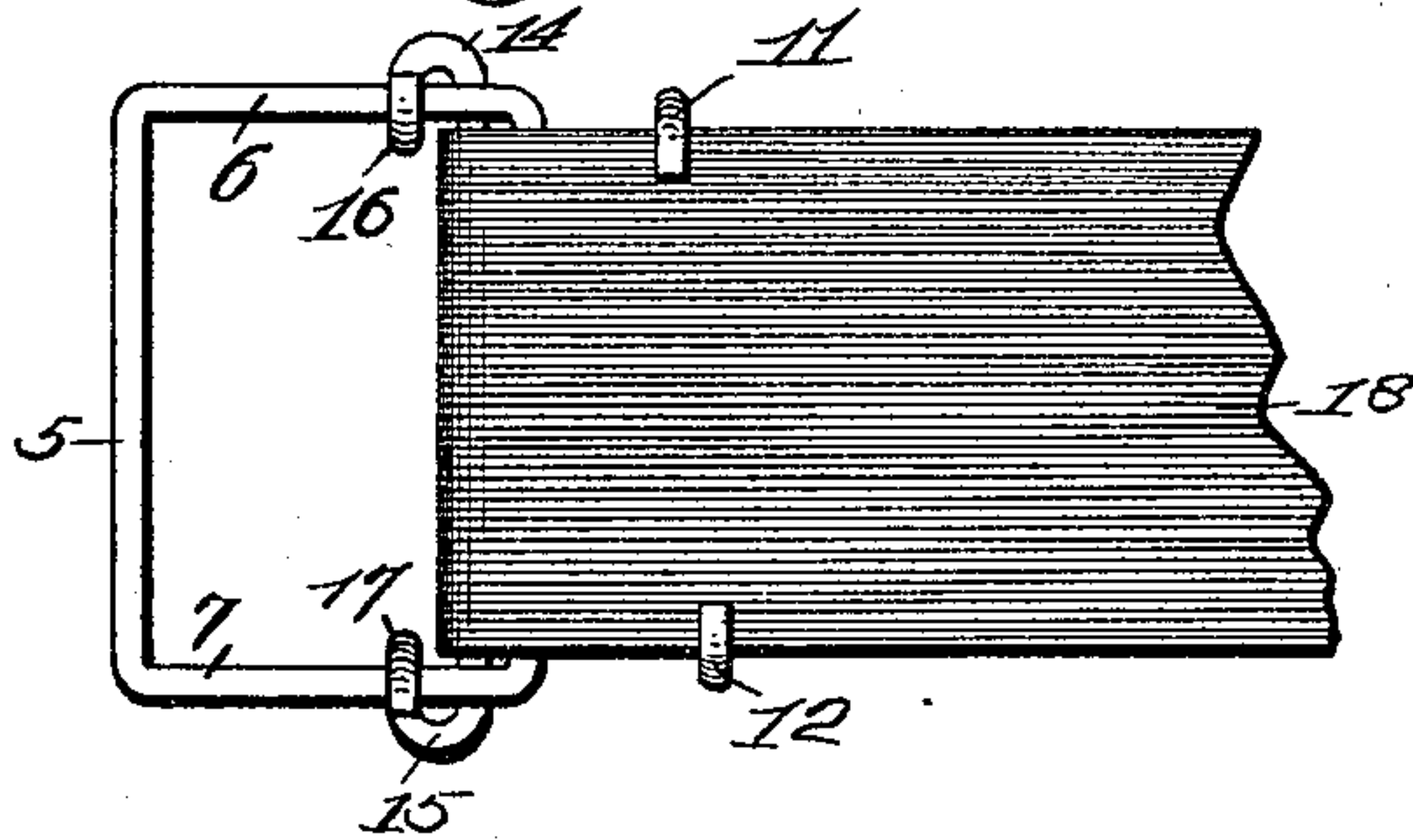


Fig. 3.

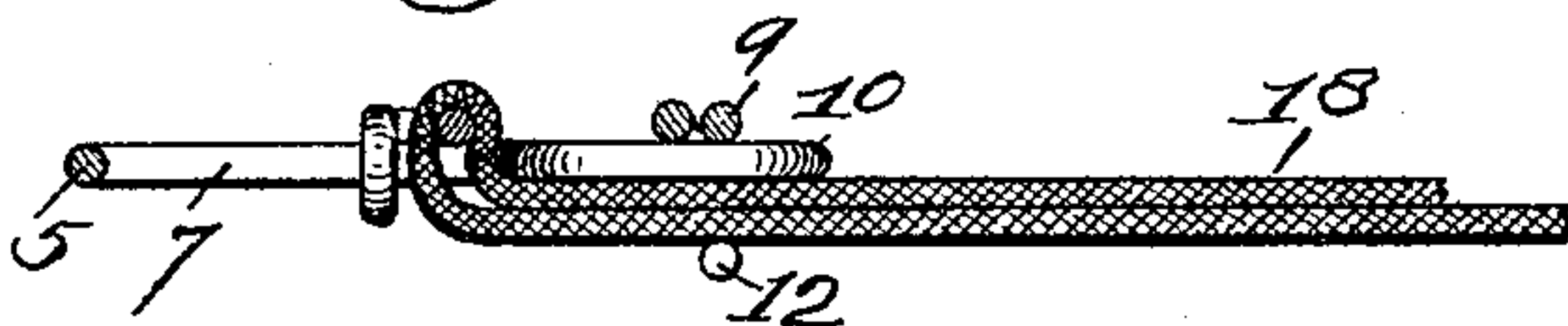
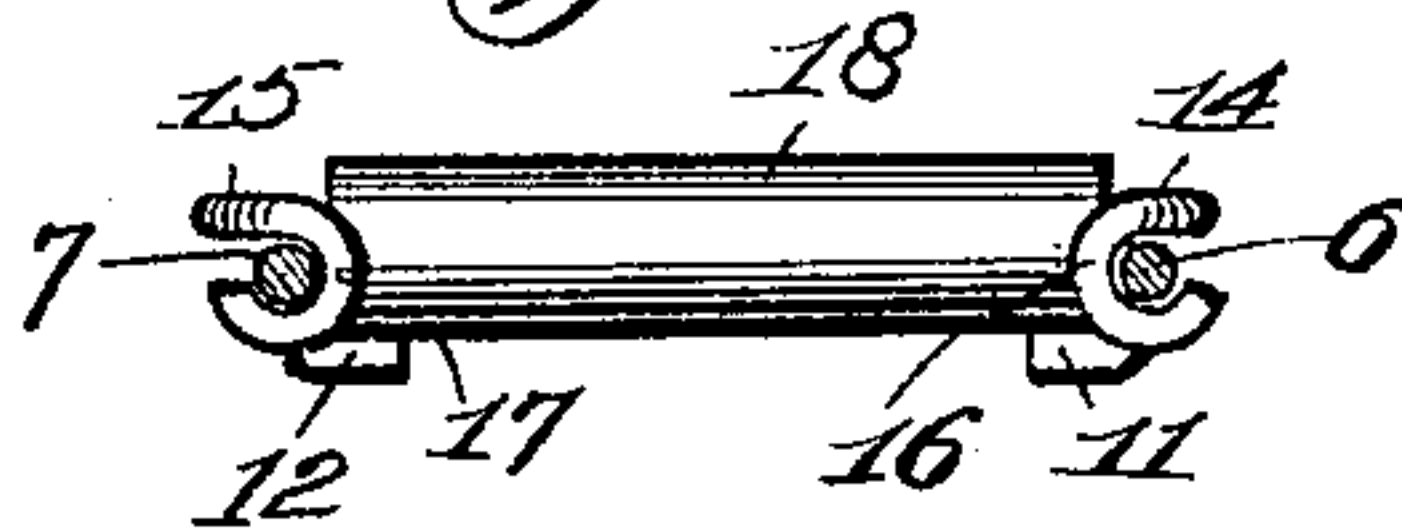


Fig. 4.



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UNITED STATES PATENT OFFICE.

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BUCKLE.

SPECIFICATION forming part of Letters Patent No. 594,308, dated November 23, 1897.

Application filed September 28, 1896. Serial No. 607,238. (No model.)

To all whom it may concern:

Be it known that we, ISAAC DAVID WRIGHT, of the city of Sedalia, Pettis county, State of Missouri, and ALBERT EAIRES McCLURE, of the city of Pittsburg, Allegheny county, State of Pennsylvania, have invented certain new and useful Improvements in Buckles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

Our invention relates to buckles; and it consists of the novel construction, combination, and arrangement of parts hereinafter shown, described, and claimed.

Figure 1 is a top plan view of a buckle constructed in accordance with the principles of our invention and showing the end of a band in position to be gripped by the buckle. Fig. 2 is a bottom plan view of the parts shown in Fig. 1. Fig. 3 is a longitudinal sectional view taken approximately on the line 3 3 of Fig. 1. Fig. 4 is a transverse sectional view taken approximately on the line 4 4 of Fig. 1 and looking in the direction indicated by the arrow.

The frame of our improved buckle is formed of a single piece of wire, the central portion of which is substantially straight and forms the back bar 5. Extending from the ends of the back bar 5 at substantially right angles are the parallel side bars 6 and 7. From the ends of the side bars 6 and 7 opposite the back bar 5 the wire extends inwardly to approximately the transverse center of the buckle and in a line substantially parallel with the back bar 5, thus forming the gripping-bar 8. From the center of the gripping-bar 8 the wire extends forwardly and forms the loops 9 and 10 and then assumes a position transversely of the web, and the ends of the wire are bent, forming the hooks 11 and 12, which hooks extend downwardly around the outer edges of the web and form slides or guides through which the web passes.

The sliding bar 13 is somewhat longer than the distance between the parallel side bars 6 and 7, and said sliding bar rests upon said parallel side bars. The sliding bar 13 is formed of a piece of wire, and from the ends of the sliding bar extend the U-shaped portions 14 and 15, and from the ends of said U-shaped portions 14 and 15 opposite the sliding bar 13 the wire is bent to form the bearings 16 and 17, in which the parallel side bars

6 and 7 operate, as required, to form a sliding connection between the sliding bar 13 and the frame of the buckle. The band or web 18 is passed under the loops 9 and 10, then under the gripping-bar 8, then under the sliding bar 13, then upwardly between the sliding bar 13 and the back bar 5, then downwardly in front of the sliding bar 13 and back of the gripping-bar 8, and then forwardly under the loops 9 and 10. The tension upon the web draws the sliding bar 13 toward the gripping-bar 8 and firmly grips the web between said bars. The web is released by elevating the loops 9 and 10 until the sliding bar retreats from the gripping-bar.

We claim—

1. A buckle consisting of a wire bent to form the back bar 5, the parallel side bars 6 and 7, the gripping-bar 8, the loops 9 and 10 and the hooks 11 and 12, and a wire forming the sliding bar 13, which sliding bar is somewhat longer than the distance between the side bars 6 and 7 and rests on top of said side bars, the U-shaped portions 14 and 15 formed integral with said sliding bar 13, and the bearings 16 and 17 formed integral with the opposite ends of said U-shaped portions 14 and 15 from said sliding bar 13, said side bars 6 and 7 operating in said bearings 16 and 17, respectively, substantially as specified.

2. In a buckle, the parallel side bars 6 and 7, the sliding bar 13, said sliding bar being somewhat longer than the distance between said side bars 6 and 7 and resting on top of said side bars, the U-shaped portions 14 and 15 formed integral with said sliding bar 13, and the bearings 16 and 17 formed integral with the opposite ends of said U-shaped portions 14 and 15 from said sliding bar 13, said side bars operating in said bearings 16 and 17, substantially as specified.

In testimony whereof we affix our signatures in presence of two witnesses.

ISAAC DAVID WRIGHT.

ALBERT EAIRES McCLURE.

Witnesses to signature of Isaac David Wright:

FRED W. WASHINGTON,

H. T. WILLIAMS.

Witnesses to signature of Albert Eaires McClure:

JAMES W. McCLURE,

TOM R. DAVIS.