

(No Model.)

J. C. HYDE.

BUCKLE.

No. 370,737.

Patented Sept. 27, 1887.

Fig. 1

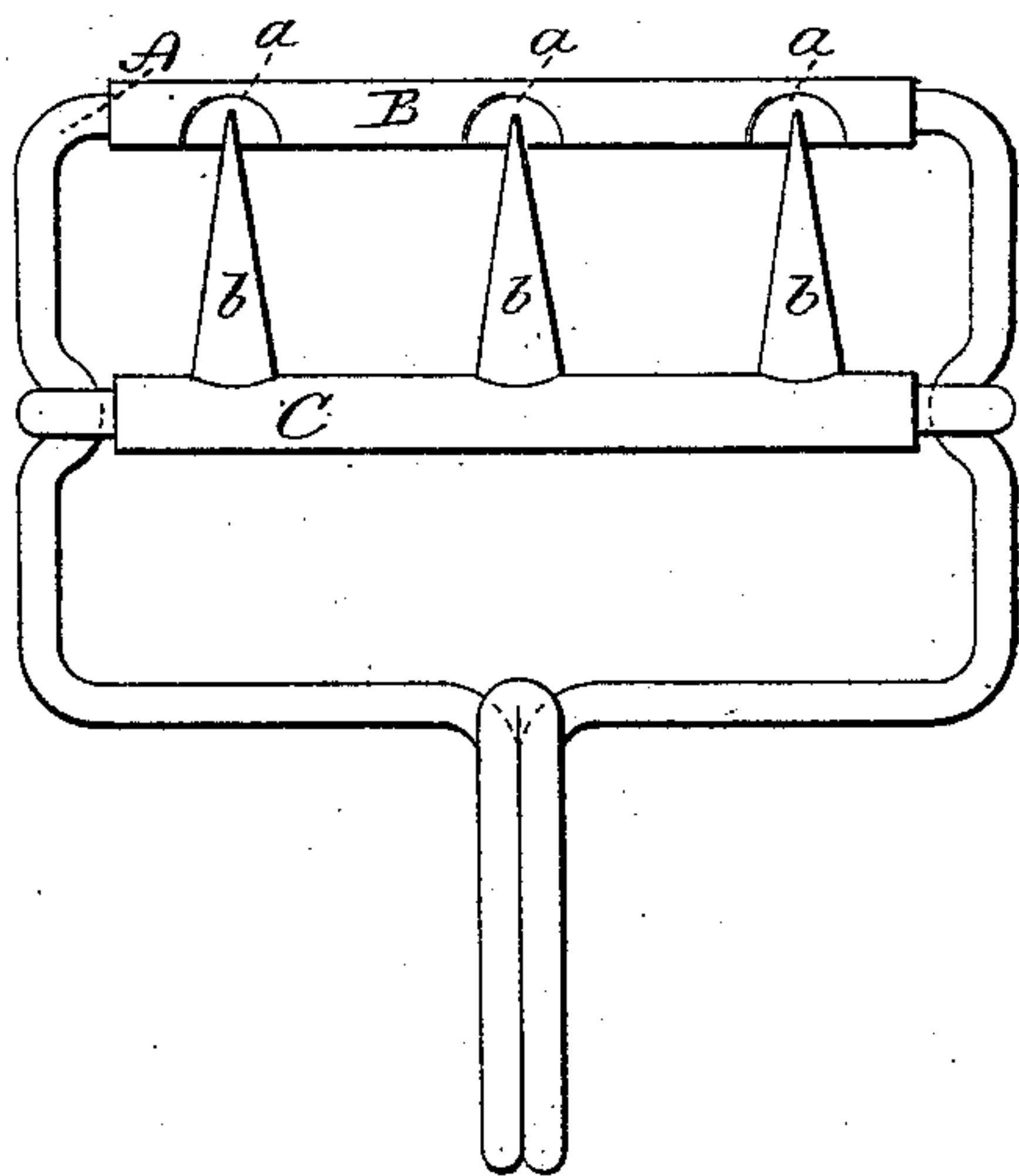


Fig. 2

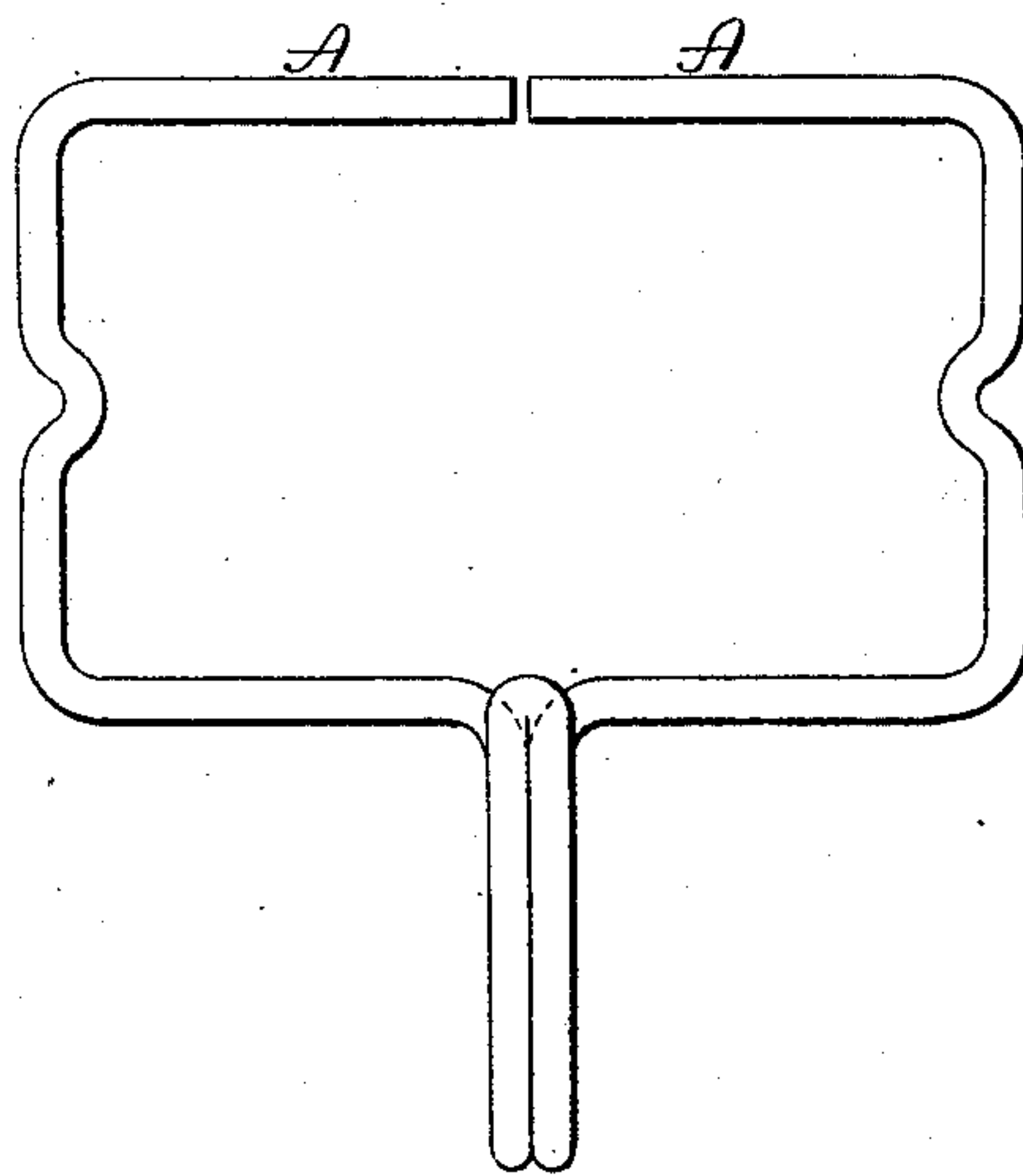


Fig. 3

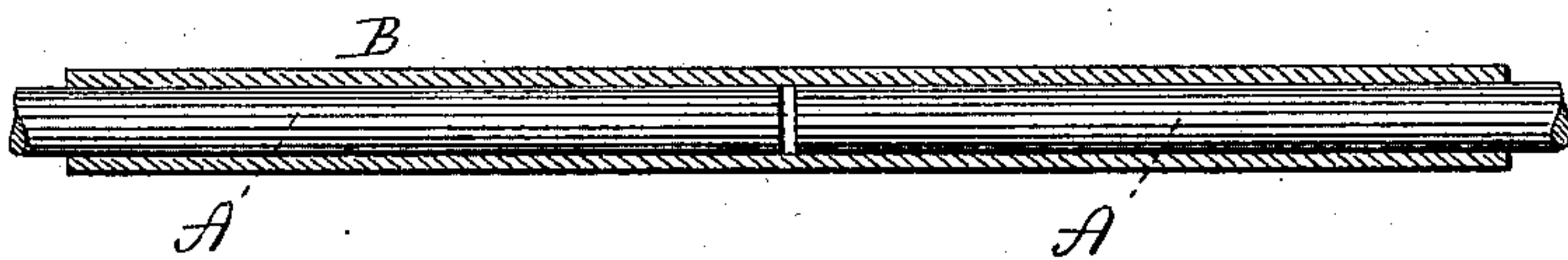


Fig. 4



Fig. 5



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UNITED STATES PATENT OFFICE

JAMES C. HYDE, OF WEST HAVEN, CONNECTICUT, ASSIGNOR TO THE WEST HAVEN BUCKLE COMPANY, OF SAME PLACE.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 370,737, dated September 27, 1887.

Application filed August 15, 1887. Serial No. 246,939. (No model.)

To all whom it may concern:

Be it known that I, JAMES C. HYDE, of West Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Buckles; and I do hereby declare the following, when taken in connection with accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a face view of the buckle complete; Fig. 2, the frame showing the two ends brought together upon the tongue-bearing side; Fig. 3, a longitudinal central section through the tube surrounding the two end portions of the wire, enlarged; Fig. 4, a transverse section through the divided side of the frame and inclosing-tube at one side of the tongue-bearing recesses; Fig. 5, a transverse section of the frame through the divided side and tube in the tongue-bearing recesses.

This invention relates to an improvement in that class of buckles in which the frame is made from wire, with a tongue hinged upon a longitudinal axis, and so that the tongue is brought to bear upon one side of the frame. In such buckles the frame is bent into shape from a piece of wire, the two ends brought together upon one side.

The object of my invention is to make the divided side of the frame the tongue-bearing side, and to strengthen that side and prevent the possibility of separation at the joint.

In illustrating the invention I represent a buckle having the three tongues and as having a hook formed upon one side, because this is a common construction of this class of buckles.

The frame is made from wire and bent into the required shape, bringing the two ends A

A of the wire together upon one side, as seen in Fig. 2, which is to be the tongue-bearing side of the frame. Around these two end portions A A, I close a metal tube, B, as seen in Figs. 3 and 4, which extends the entire length of that side. Then upon the tongue-bearing side I strike depressions into the tube at the points where the tongues are to bear, so as to form recesses *a* corresponding to the respective tongues. These depressions in the tube indent into the wire of the frame, and so as to interlock the end portions, A, of the frame with the tube, and so that the tube and the two end portions are firmly and inseparably secured together. This inclosing-tube itself strengthens that side of the frame; but by the recesses *a*, formed in the tube and end portions, any longitudinal movement of the sides tending to separate them is avoided.

The tongue or tongues *b* are represented as hinged upon a central bar, C, in the frame; but the method of hinging the said tongues is immaterial to the invention.

I claim—

The herein-described improvement in wire buckles, consisting of a wire frame having the two ends of the wire brought together to form the tongue-bearing side, combined with a metal tube inclosing the said two end portions of the frame, the said tube and end portions struck to form recesses *a* corresponding to the respective tongues, the said recesses indenting into the end portions of the frame, substantially as described, and whereby the said tube and end portions of the frame become interlocked.

JAMES C. HYDE.

Witnesses:

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