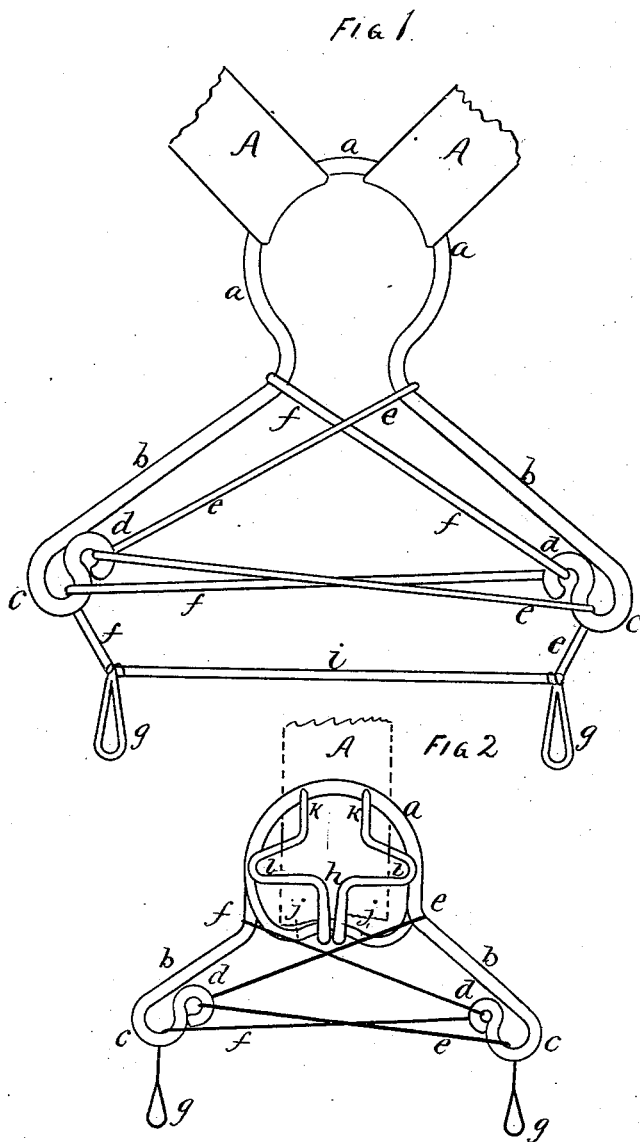


E. S. WARDWELL.  
Elastic Buckle.

No. 208,443.

Patented Sept. 24, 1878.



WITNESSES.  
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# UNITED STATES PATENT OFFICE.

E. SCHUYLER WARDWELL, OF BUCKSPORT, MAINE, ASSIGNOR TO  
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## IMPROVEMENT IN ELASTIC BUCKLES.

Specification forming part of Letters Patent No. 208,443, dated September 24, 1878; application filed July 27, 1878.

*To all whom it may concern:*

Be it known that I, E. SCHUYLER WARDWELL, of Bucksport, State of Maine, have invented an Improved Elastic Buckle, of which the following is a specification:

The object of my invention is to furnish an improved elastic buckle for use in suspenders and analogous purposes, and which serves as the intermediate connection between the garment or other article on which it is to be used, and the principal portion or webbing of the suspender; and the invention consists in a peculiarly-formed spring-buckle having a central loop or eye with diverging arms, and with double eyes at the ends of each arm, and, in combination therewith, a cord or other flexible attachment, which is secured to said arms near such center loop, and, being "rove" through the eyes at the ends of the arms in a peculiar manner, terminates in button-holes, loops, or other suitable attachments by which to connect it with the garment, a tongue being pivoted in such central loop, by which to attach it to the main webbing of the suspenders.

Figure 1 is an elevation, showing my invention without the tongue; and Fig. 2 is also an elevation, showing the buckle, the cord, the tongue, and the central loop formed to receive the tongue, which is pivoted thereon.

The buckle is formed, preferably, of round elastic wire, and with a central loop, *a*, arm *b*, diverging therefrom, and at the end of each the eyes *c d*, as shown. The cords *e f* are respectively secured to arms *b* in the curve next to loop *a*, as shown. Each cord passes thence through eye *d* of the opposite arm; thence through eye *c* in the arm to which it is first secured; and thence depending and forming

or sustaining a loop, *g*, which serves to attach the buckle to the button of the garment or other article on which it is to be used. The stay *i* (shown in Fig. 1) may be employed to connect the loops *g* together, as there shown.

In Fig. 2 the elastic buckle is formed as in Fig. 1, except that the loop *a*, instead of being formed with a single coil or turn, the wire is carried twice around the loop, whereby the part *j* extends across from one of arms *b* to the other, and upon this part is pivoted the tongue *h*, formed of one piece of wire, and having the points *k k*, and being widened at *ll* to receive the end of the webbing, which, in this figure, is shown in dotted lines. When this tongue is omitted the webbing may be secured in the loop, as shown at *A A*, Fig. 1, which is preferable for the back end of the suspender, while the buckle, as shown in Fig. 2, is preferable for the front ends of the same.

I do not claim, broadly, an elastic buckle having loop *a* and arms *b*, with a single eye at the extremities; but

What I do claim is—

1. The elastic loop having the eyes *c d* at the ends of each of arms *b*, and formed substantially as described and shown.

2. In combination with the elastic buckle, formed as described, the cords *e f*, arranged in connection with the buckle, substantially as described and shown.

3. In an elastic buckle, the combination of the metallic loop, the cords *e f*, arranged therein, and the tongue pivoted centrally in the loop, all substantially as described and shown.

E. SCHUYLER WARDWELL.

Witnesses:

PARK S. WARREN,  
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