

G. L. ROBINSON.

Buckles.

No. 150,791.

Patented May 12, 1874.

Fig. 1

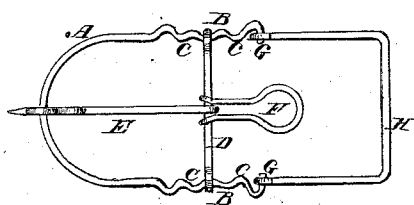


Fig. 2

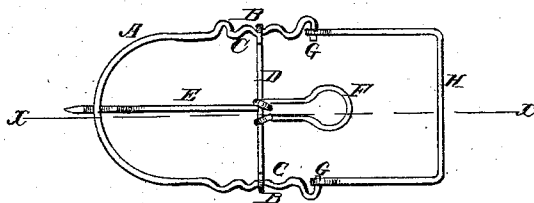
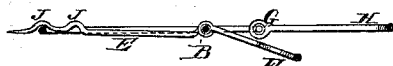


Fig. 3



WITNESSES.

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GEORGE L. ROBINSON, OF WATERBURY, CONNECTICUT.

IMPROVEMENT IN BUCKLES.

Specification forming part of Letters Patent No. **150,791**, dated May 12, 1874; application filed February 21, 1874.

To all whom it may concern:

Be it known that I, GEORGE L. ROBINSON, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Buckles, of which the following is a specification:

This invention relates to a new and useful improvement in buckles, more especially designed to fasten articles of clothing, as belts, shawls, &c., but applicable to other purposes; and it consists of the construction of the buckle, and mode of attaching it to the fabric or fabrics.

In the drawing, Figure 1 is a plan view, showing the top side of the buckle. Fig. 2 is a view of the opposite side. Fig. 3 is a longitudinal section taken on the line *x x*.

Similar letters of reference indicate corresponding parts.

This buckle consists of a staple-shaped wire or piece of metal, A, having two parallel bars, B B, which bars are made with a series of acute angles, C, giving them a zigzag appearance. D is a cross-bar, with an eye at each end, through which the bars B pass. This cross-bar slides back and forth on the bars, and is held in position by the angles C. To this bar is attached the pin E, having a loop-handle, F. The pin and the handle are made of one piece of wire, and are attached to the bar by coiling the wire around the bar, thereby allowing it to revolve loosely on the cross-bar. The pin is handled or manipulated by means of this loop F. At the ends of the bars B B are hooks G G, to which is attached the bail-shaped wire, which has eyes in its ends to engage with the hooks G G, as seen in the draw-

ing. The wire A (the legs of which form the bars B B) is curved, in this example of my invention, as seen; but it may be of any other configuration. The pin F has one or more short bends, J, in it, which fit over the wire when the buckle is attached to the fabric, as seen in the section, Fig. 3. The outside curves in the bars B B project sufficiently to act as stops for the cross-bar, to prevent its slipping off. The piece H is so constructed that it may be readily attached to or detached from the hooks G G. When in place, it assists in placing the buckle in position on the fabric, being used to hold the other parts by.

I do not confine myself to any particular kind or shape of material, as the buckle may be made of flat metal or other material, as well as of round wire.

When the pin is inserted in the fabric, the buckle is securely held in position by the curves C and J, and it is detached by taking hold of the handle F and drawing the pin back.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A buckle constructed substantially as shown and described—that is, having bars B B, with curves C, a cross-bar, D, a pin, E, and handle F, as set forth.

2. In combination with the bars B B, the removable attachment H, substantially as and for the purposes described.

GEORGE L. ROBINSON.

Witnesses:

T. B. MOSHER,
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