

L. LOESER.
Buckle.

No. 166,880.

Patented Aug. 17, 1875.

Fig. 1.

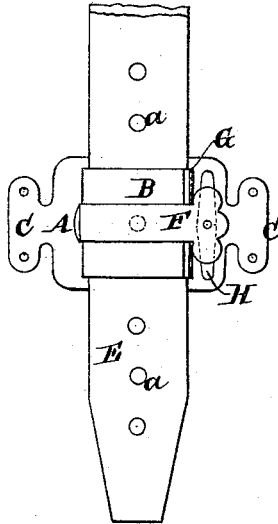


Fig. 2.

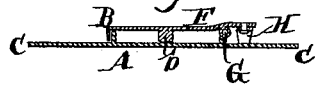
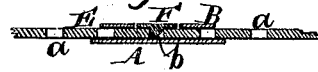


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

LAZARUS LOESER, OF BROOKLYN, E. D., NEW YORK.

IMPROVEMENT IN BUCKLES.

Specification forming part of Letters Patent No. 166,880, dated August 17, 1875; application filed August 6, 1875.

To all whom it may concern:

Be it known that I, LAZARUS LOESER, of Brooklyn, E. D., in the county of Kings and State of New York, have invented a new and useful Improvement in Buckles, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 represents a plan or top view. Fig. 2 is a vertical section in the plane $x x$, Fig. 1. Fig. 3 is a similar section in the plane $y y$, Fig. 1.

Similar letters indicate corresponding parts.

The invention consists in a buckle composed of a guide-box for a belt or strap, a hinged tongue extending at right angles to the guiding-channel, and having a beveled stud and spring beneath its heel, so that when the guide-box is secured to a trunk or other article the strap can be drawn through it in one direction, while the stud on the hinged spring-tongue retains the same when an attempt is made to pull it in the opposite direction.

In the drawing, the letter A designates the base-plate of my buckle, to which is fastened the guide-box B, and which is provided with ears C, to adapt it to be attached to a trunk or other article, or to a strap or belt. The guide-box B forms the guide for a strap or belt, E, which is provided with a row of holes, a , as is common in articles of this class, the holes being made of such size that they may be engaged by the stud of the spring-tongue, next described. F designates the spring-tongue, which is connected to the top plate of the guide-box B by a hinge-joint, G, which may be of any suitable construction, the tongue being made to project a short distance rearward from this hinge-joint, at which point

it is subjected to the action of a spring, H. This spring H is, in the present example, composed of a strip of steel or other metal, and is fastened to the heel of the tongue by a rivet, a , the two ends of the spring being made to bear on the base-plate A.

A coiled-wire spring may, however, be substituted for the spring H with a like result.

The tongue F has a downwardly-projecting stud, b , which may be fastened to the tongue or cast with it, as circumstances may dictate, and which is formed with a beveled side and a square side, as clearly shown in Fig. 3. Thus, when the strap E is drawn through the guide-box and the tongue F is depressed by its spring, the stud b engages with the holes a in the strap, and the latter is held in a taut condition.

By lifting the spring-tongue, the strap E is disengaged from the stud b , and may be loosened or further tightened, as the case may be.

By the peculiar form of the stud b , as described, it permits of tightening the strap E, or of drawing it through the guide-box B in one direction, whether or not the tongue F is raised, while at the same time the stud prevents a backward movement of the strap.

What I claim as new, and desire to secure by Letters Patent, is—

A buckle composed of a guide-bar, B, for a belt or strap, a hinged tongue, F, extending at right angles to the guiding-channel, and having a beveled stud and a spring beneath its heel, substantially as shown and described.

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Witnesses:

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