

W. DOYLE.

BUCKLE.

No. 174,498.

Patented March 7, 1876.

Fig. 1.

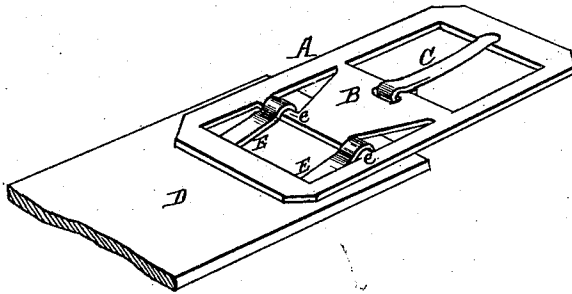
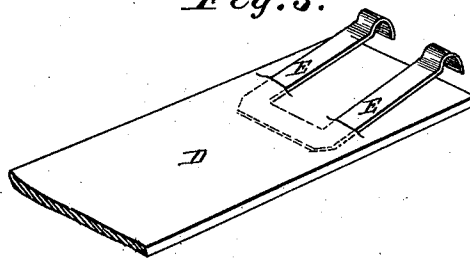


Fig. 2.



Fig. 3.



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WILLIAM DOYLE, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN BUCKLES.

Specification forming part of Letters Patent No. **174,498**, dated March 7, 1876; application filed January 28, 1876.

To all whom it may concern:

Be it known that I, WILLIAM DOYLE, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Buckles, of which the following is a specification:

The present invention has reference to a mode of securing buckles to straps, fabrics, &c., without sewing, rivets, or other means of fastening heretofore known.

The invention consists, chiefly, in the employment of a U-shaped staple or link, the lateral arms of which are passed through the strap to which the buckle is to be secured, so as to cause the connecting or transverse part of the staple to lie under the strap, in order to prevent its disengagement from the buckle after the ends of the lateral arms of the staple or link have been bent or clasped around a transverse bar of the buckle-frame.

In the accompanying drawing, Figure 1 is a perspective view of my improved buckle; Fig. 2, a sectional view of the same, and Fig. 3 a detached view of the staple or link and strap.

The buckle-frame A is generally rectangular in form, and is made either of stamped sheet or plate metal, or other material, according to the strength and finish required. A transverse plate or bar, B, is slotted at its front end to receive a strap-fastening tongue, C, which bears or rests on the front cross-bar of the buckle-frame. D is a strap, which is permanently attached to the buckle by means of a staple or link, E, made of a U form, or provided with two lateral arms or legs and a connecting or transverse portion. The legs

or arms of the staple are passed through parallel slits made in the strap D, so as to cause the connecting portion of the staple to lie underneath the strap, between the slits in the same, which will effectually prevent the disengagement of said strap after the staple has been attached to the buckle-frame. This attachment of the staple to the frame is done by bending or clasping the legs or arms of the staple around short bars *e*, formed by cutting a triangular piece out of the rear portion of the plate or bar B.

The entire buckle and strap-attaching staple can be easily and cheaply manufactured, and will save a considerable amount of labor and annoyance in attaching the permanent strap to the buckle, as the staple can be applied to the strap and buckle with great facility and ease, in the manner already described.

I do not claim, broadly, a clasp for attaching a strap to a buckle; but

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

The open U-shaped staple or link E, constructed as described, and adapted to be inserted through the material to which the buckle is to be attached, and having its free ends passed through openings in the buckle-frame and clamped in place, substantially as specified.

In testimony that I claim the foregoing I have hereunto set my hand in the presence of the subscribing witnesses.

WILLIAM DOYLE.

Witnesses:

P. WARE, Jr.,

ALBERT H. TARBELL.