

C. W. WHITE.

Eyelets for Securing Buckles to Straps.

No. 206,055.

Patented July 16, 1878.

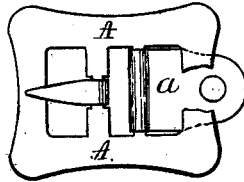


Fig. 1.

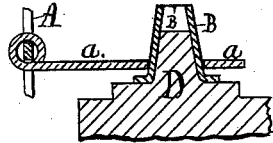


Fig. 2.

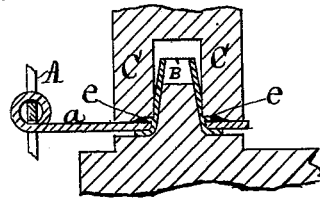


Fig. 3.

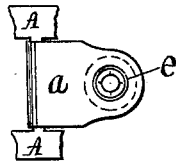
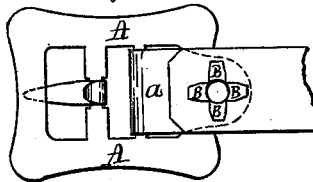


Fig. 4.



Fig. 5.

Fig. 6.



Witnesses.
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UNITED STATES PATENT OFFICE.

CHARLES W. WHITE, OF BOSTON, MASSACHUSETTS, ASSIGNOR OF TWO-THIRDS HIS RIGHT TO GAYTON P. LORING AND DENNISON W. B. JACKSON, OF SAME PLACE.

IMPROVEMENT IN EYELETS FOR SECURING BUCKLES TO STRAPS.

Specification forming part of Letters Patent No. 206,055, dated July 16, 1878; application filed March 14, 1878.

To all whom it may concern:

Be it known that I, CHARLES W. WHITE, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Buckles, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists in an improved eyelet for attaching a buckle to a strap, or other analogous uses, as hereinafter described.

The form of buckle which I at present use is shown in Figure 1, where a plate, *a*, is hinged to a bar crossing from one side to the other of the frame *A*, said plate depending beneath the buckle. This plate is perforated at the proper place for its attachment to the strap; and in this perforation I place a frusto-conical eyelet, *B*, which I secure firmly to the plate in the following manner, viz: I place the eyelet upon a holder, *D*, of the shape of the inside of the eyelet, and then place the plate over the eyelet, as shown in Fig. 2, the aperture in the plate being made slightly smaller than the base of the conical portion of the eyelet. When in this position I bring down upon the eyelet the inner edges of the cylindrical head *C*, as shown in Fig. 3, which scrape a small portion of metal from the sides of the eyelet and force it down upon the plate, which, in its turn, is forced down by the head to and in contact with the head of the eyelet. The portion of metal thus scraped from the cone is, at the end of the operation, a flange, *e*, from the cone, serving, with the head of the eyelet, to secure the eyelet firmly to the plate without a chance of its being loosened or deranged by handling. The buckle being thus prepared, its attachment to the strap is obvious, consisting merely in punching the strap, insert-

ing the eyelet, and upsetting it with the ordinary tool. The eyelet which I prefer for this purpose is one that will divide into portions or prongs, as shown, each of which has a separate clinch upon the leather.

In the drawings, Fig. 1 represents a buckle with the plate perforated for the insertion of the eyelet. Fig. 2 shows the eyelet and plate in position upon the holder. Figs. 3 and 4 show the eyelet secured to the plate. Fig. 5 shows the eyelet passed through the strap, and Fig. 6 shows the eyelet clinched to the strap.

The method which I have shown of attaching the buckle to the strap secures it firmly in position. It cannot turn, loosen, or break out, and the same is true of the manner in which I have attached the eyelet to the buckle-plate.

I have shown the buckle as made with two interior bars, to one of which is hinged the tongue, and to the other the attaching-plate; but both the tongue and plate may be hung to the same bar, if desired.

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

1. In a buckle, the combination of the frusto-conical eyelet *B*, provided with the flange *e*, with the attaching-plate *a*, substantially as described, for the purpose specified.

2. The eyelet *B*, provided with the inner flange *e*, formed from the outer surface of the eyelet, all substantially as and for the purpose described.

CHARLES W. WHITE.

Witnesses:

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