

*A. Bedford,*

*Buckle.*

*No. 78,568.*

*Patented June 2, 1868.*

Fig. 1.

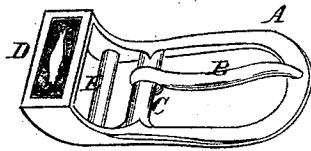
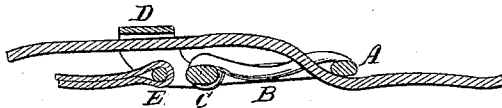


Fig. 2.



Witnesses.

*L. Hailer*

*P. J. Dodge*

Inventor,

*A. Bedford*  
*by Dodge & Munroe*  
*his attys.*

United States Patent Office.

ALMA BEDFORD, OF COLDWATER, MICHIGAN.

Letters Patent No. 78,568, dated June 2, 1868.

IMPROVED HARNESS-BUCKLE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, ALMA BEDFORD, of Coldwater, in the county of Branch, and State of Michigan, have invented certain new and useful Improvements in Harness-Buckles; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, like letters indicating like parts wherever they occur.

To enable others skilled in the art to construct and use my invention, I will proceed to describe it.

My invention relates to harness-buckles, and consists in a novel mode of constructing the same, by placing a cross-bar in the rear of the one to which the tongue is hinged, and in the same plane with it, and also by placing a metallic loop over it, both for its protection as well as to receive the strap passing through the buckle.

In the drawings—

Figure 1 is a perspective view of my buckle, and

Figure 2 is a longitudinal section of the same, showing the harness-straps connected to it.

In the construction of my buckle, I make the jaws A, tongue B, and cross-bar C, to which the tongue is hinged, in any of the usual forms, except that I prefer to make a groove in the bar C, so that the tongue may not move laterally. The sides of the jaws A, I extend in the rear of the cross-bar C, and curve them up, so that they may be connected with a flat cross-piece D in such a way as to form a loop, as clearly shown in fig. 1. In the rear of the cross-bar C, I place another cross-bar, E, so as to be just under the forward end of the loop D, and in the same plane with the cross-bar C. In this way the entire frame of the buckle, including the loop and cross-bars, is all rigidly connected together.

I connect the harness-strap to my buckle by passing it around the cross-bar E and fastening it there. In most buckles the strap is fastened about the bar to which the tongue is hinged. This renders it necessary to cut away a portion of the leather for the tongue, and thus weaken the strap. The location of the bar E is such that the line of tension is directly in the line of the buckle. The position of the loop D not only serves to receive the end of the strap through which the tongue of the buckle passes, but also covers and protects the cross-bar E, by which the buckle is held, and presents a fine surface for stamping or other ornamentation.

Having thus described my invention, what I claim, is—

A harness-buckle, provided with the cross-bar E and loop D, when constructed as herein described, as a new article of manufacture.

ALMA BEDFORD.

Witnesses:

H. B. MUNN,  
P. T. DODGE.