

A. Bedford.

Buckle.

No 103,128.

Patented May 17, 1870.

Fig. 1.

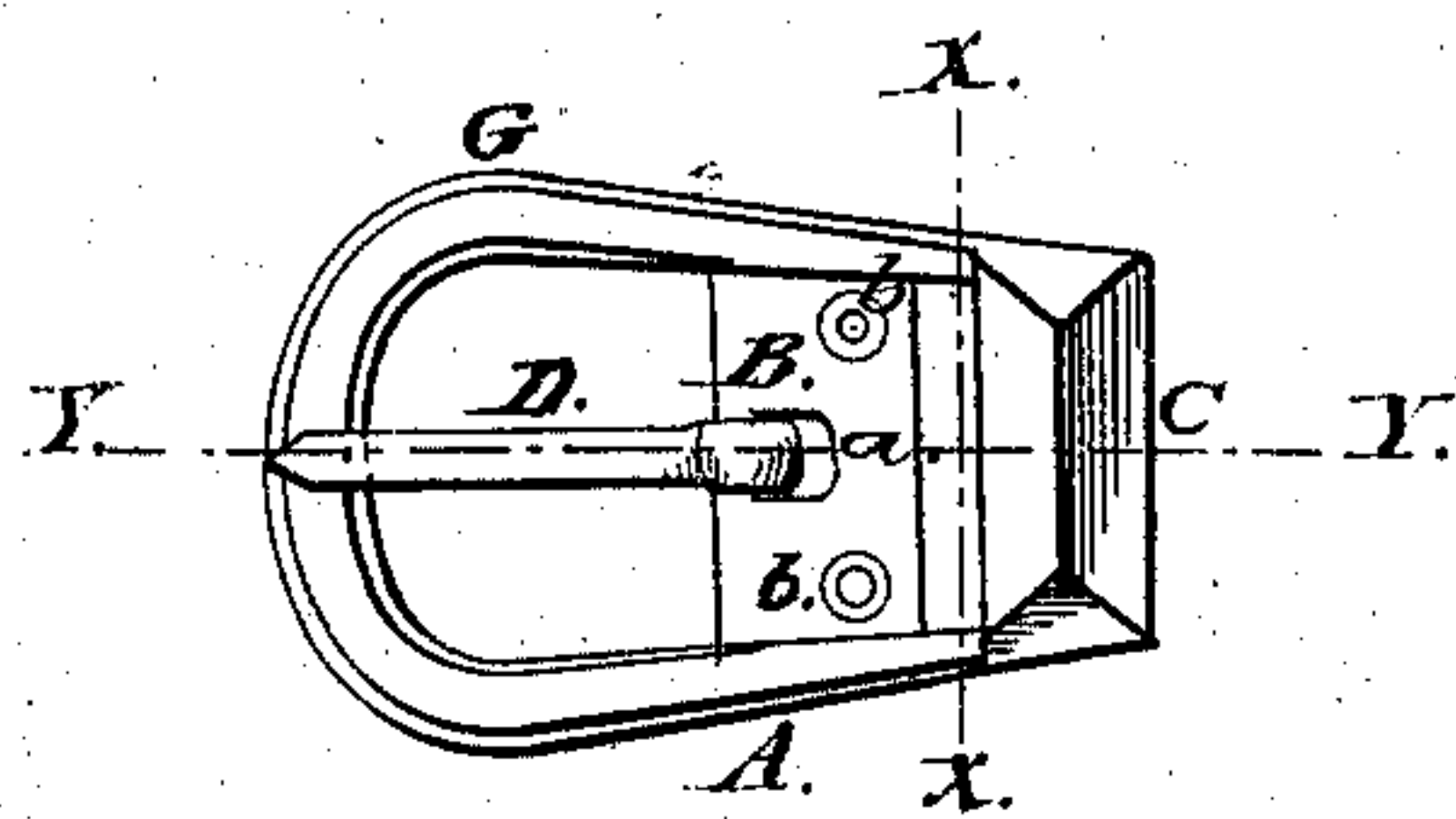


Fig. 2.

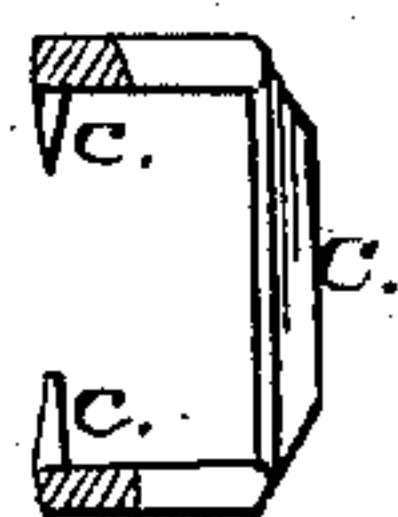
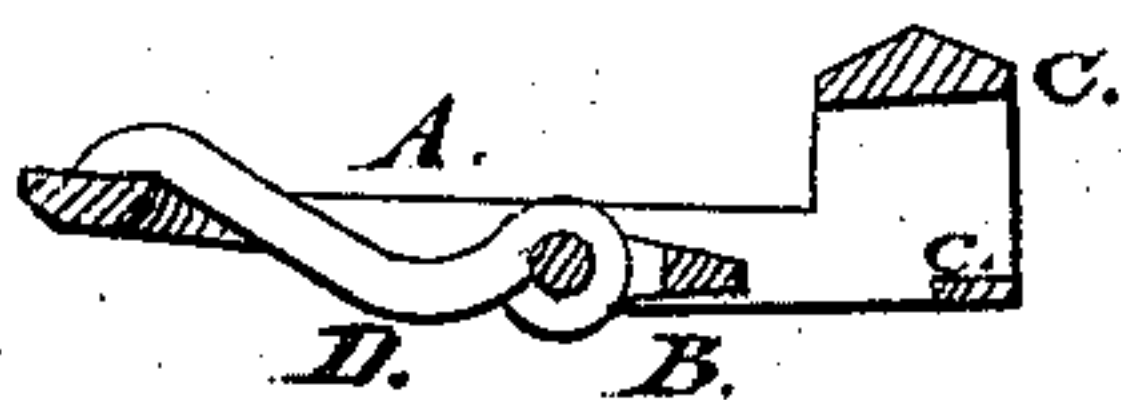


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ALMA BEDFORD, OF COLDWATER, MICHIGAN.

IMPROVED HARNESS-BUCKLE.

Specification forming part of Letters Patent No. **103,128**, dated May 17, 1870; antedated May 5, 1870.

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 Loop 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 loop harness-buckles; and it consists in constructing the bar of the buckle with a flat rear extension, for the purpose of preventing the buckle from turning on the strap to which it may be attached, and also in providing the under side of the loop with lips or projections, to extend on the under side of strap-connection.

In the drawings, Figure 1 is a top plan view. Fig. 2 is a cross-section on the line *xx* of Fig. 1, and Fig. 3 is a longitudinal section on the line *yy* of Fig. 1.

As is well known, the loop harness-buckle is ordinarily constructed with a single round cross-bar, to which the tongue is loosely attached, and about which the strap is passed for being fastened. Buckles of this kind, when so connected to the strap, frequently turn on their point of connection, when the loop end, being tilted up, allows the reins or other loose straps about the harness to catch under it.

To furnish a loop-buckle that, when attached will not turn on its point of connection is the object of my invention. This I do by making the cross-bar of the buckle of a peculiar form, and by attaching lips or projections to the under side of the loop.

I construct my buckle A in the usual manner, and out of any suitable materials. The front end of its frame G may be circular, as

shown in Fig. 1, or partly so, or square, as desired. Its rear end I make square, and surmount it with the loop C, having its top beveled, as shown in all the figures. Its cross-bar B, I make with a flat extension, *a*, provided in its center with an opening for attaching the tongue D, and also with holes *b*, for the thread to pass through which binds together the upper and lower side of the strap passing about the cross-bar B, for connecting the buckle, as the flat extension of the bar B in this way comes in the fold of the strap about the bar, and as the strap is to be fastened to it, it is obvious that, when so fastened, the buckle cannot turn, but will be held in a direct line with the strap to which it is fastened.

To the under side of the loop C, I form projections *c*, as clearly shown in Fig. 2, so arranged as to catch under the strap when connected to the cross-bar of the buckle, and thus to hold the buckle in direct line with the strap and prevent it from turning.

The advantages of a loop harness-buckle thus constructed are obvious. The cross-bar, with its flat rear extension, as well as the lips under the loop, serves to hold the buckle always in line with the strap to which it may be connected, and in the construction of the buckle the tongue is always in the center, and cannot get out of place in the turning process, as is so often the case when there is nothing to keep it in its proper position.

Having thus described my invention, what I claim is—

1. A loop harness-buckle, A, having its cross-bar B provided with a flat rear extension, *a*, constructed and arranged substantially as and for the purpose set forth.

2. In combination with the flat rear extension, *a*, the tips or projections *c*, constructed and arranged as and for the purpose set forth.

ALMA BEDFORD.

Witnesses:

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