

UNITED STATES PATENT OFFICE.

JOHN MCKIBBEN, OF LIMA, OHIO.

IMPROVEMENT IN HALTERS AND BRIDLES.

Specification forming part of Letters Patent No. **168,841**, dated October 19, 1875; application filed December 26, 1874.

To all whom it may concern:

Be it known that I, JOHN MCKIBBEN, of Lima, county of Allen and State of Ohio, have invented certain new and useful Improvements in Harness-Hardware, of which the following is a specification:

My invention relates to buckles for harness; and it consists in constructing the buckle with a loop or loops for the "bolt-piece" and chin-strap, as will be hereinafter more fully set forth.

Figure 1 is a perspective view of a halter having my improved buckle. Fig. 2 shows front, side, and end views of my invention.

K represents the buckle, with side bars A' B' and cross-bar *a*, which has a pin for holding the strap in position. At one end of the buckle there are two extensions, *c*, curved inwardly and running obliquely to the cross-bar *a*, forming a loop, *n*, for the chin-strap. These extensions are further curved, as shown at *d*, so as to form another loop, *m*, which shall be at about a right angle to the loop *n* and cross-bar *a*. This second loop is to receive the bolt piece. The buckle has the bar *e* to check the chin-strap from falling to the bar *a*, and a bar, *f*, to prevent the bolt-piece from falling into the chin-strap loop.

It is obvious that only one of the extensions

c need be curved as described, (the other being straight,) to form the loop *n*, without departing from the spirit of my invention, which is to make a buckle that shall have two loops, the one at about a right angle to the other, in order that the chin-strap and the bolt-piece, which is perpendicular to the chin-strap, may fit neatly in position, and that one buckle may answer the purpose of two or more.

In Fig. 1, at K, the buckle is shown with the bolt-piece in loop *m* and the chin-strap in loop *n*, with their respective connections. The hitching-strap is fastened to the cross-bar *a*, as shown in Fig. 1. *h*² is the end bar of the buckle.

Having described my invention, what I claim is—

A fastening for halters consisting of the side bars A' B', cross-bars *f e a*, and end bar *h*², and having the loop *m* at right angles to the plane of the frame, substantially as shown and described.

In testimony that I claim the foregoing as my invention, I hereunto affix my signature this 16th day of December, 1874.

JOHN MCKIBBEN.

Witnesses:

J. R. HUGHES,
J. H. MCKIBBEN.