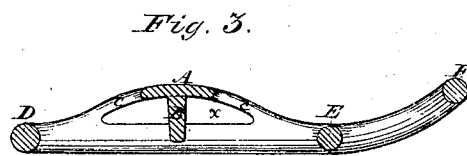
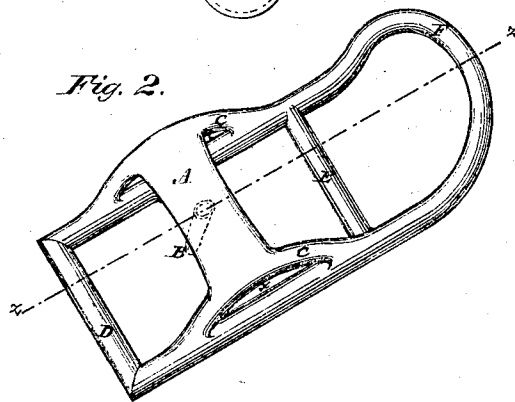
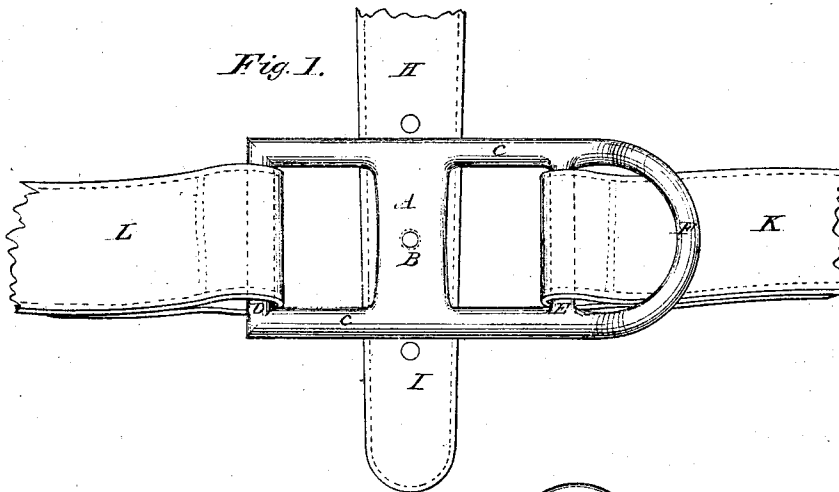


J. H. McGARRAH.

Breeching Loop-Buckles.

No. 135,238.

Patented Jan. 28, 1873.



Witnesses:

Edw. W. Dunn
McGardner.

Inventor:

James H. McGarrah
by Atty. F. D. Jones

UNITED STATES PATENT OFFICE.

JAMES H. MCGARRAH, OF PRINCETON, INDIANA, ASSIGNOR TO SETH WARD,
OF SAME PLACE.

IMPROVEMENT IN BREECHING LOOP-BUCKLES.

Specification forming part of Letters Patent No. 135,238, dated January 28, 1873.

To all whom it may concern:

Be it known that I, JAMES H. MCGARRAH, of Princeton, in the county of Gibson and State of Indiana, have invented a certain Improvement in Wagon-Harness, of which the following is a specification:

Nature and Objects of the Invention.

The nature of my invention consists in arched bows, springing from the side bars of the breeching-loop so as to form loops, the bows being connected by a bridge having a tongue or post projecting downward from its center, as will more fully be hereinafter set forth.

The following description, with a reference to the accompanying drawing, will fully explain my invention.

Figure 1 is a top view of the loop, showing the back-band and belly-band billets in place, and the hames-tug and long part of trace attached, as described. Fig. 2 is a perspective view of the improved breeching-loop. Fig. 3 is a vertical section of that part of the loop above the line $z z$ drawn across Fig. 2.

D E F is the frame of the breeching-loop. C C, the arched bows springing from the side bars thereof forming the loops $x x$, and connected at the top by the bridge A, from the center of which is a fixed downward-projecting tongue or post, B, as shown in Fig. 2. The

back-band and belly-band billet H I are in one piece, passing through the loops $x x$, as in Fig. 1, and provided with holes to permit of adjustment, through which the tongue or post B enters, holding the back-band and belly-band billet securely in its proper place, the belly-band billet being provided with smaller holes for the tongue of the belly-band buckle. L, in Fig. 1, is the hames-tug; and K, the long part of the trace, fastened, respectively, to the bars D and E. F is the loop for a strap to go to when breeching is required in place of a hip-strap.

By this arrangement much labor and material are saved in making the harness; it is more easily adjusted than the old style; and is neater and less expensive.

The entire breeching-loop may be cast in one piece, or the pin may be a separate piece, if desired, and united in any suitable manner.

I claim as my invention—

The breeching-loop, consisting of the frame D E F, with arched bows C C springing from the side bars to form the loops $x x$, and connected by the bridge A having a downward-projecting tongue, B, substantially as and for the purpose described.

JAMES H. MCGARRAH.

Witnesses:

N. W. BARNETT,
H. V. ANGLER.