J. E. REEVES.

Hold-Back for Double Harness.

No. 202,584. Patented April 16, 1878.

Fig 1.

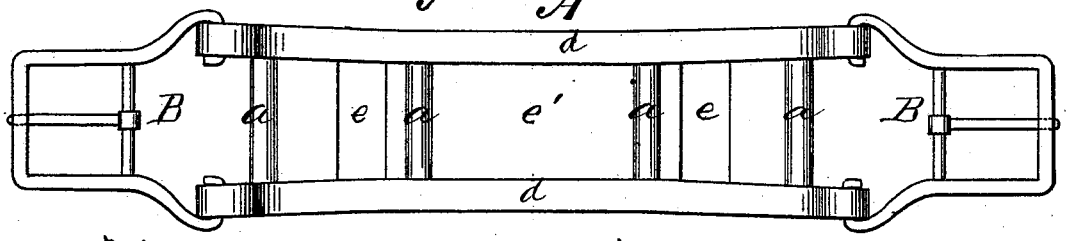
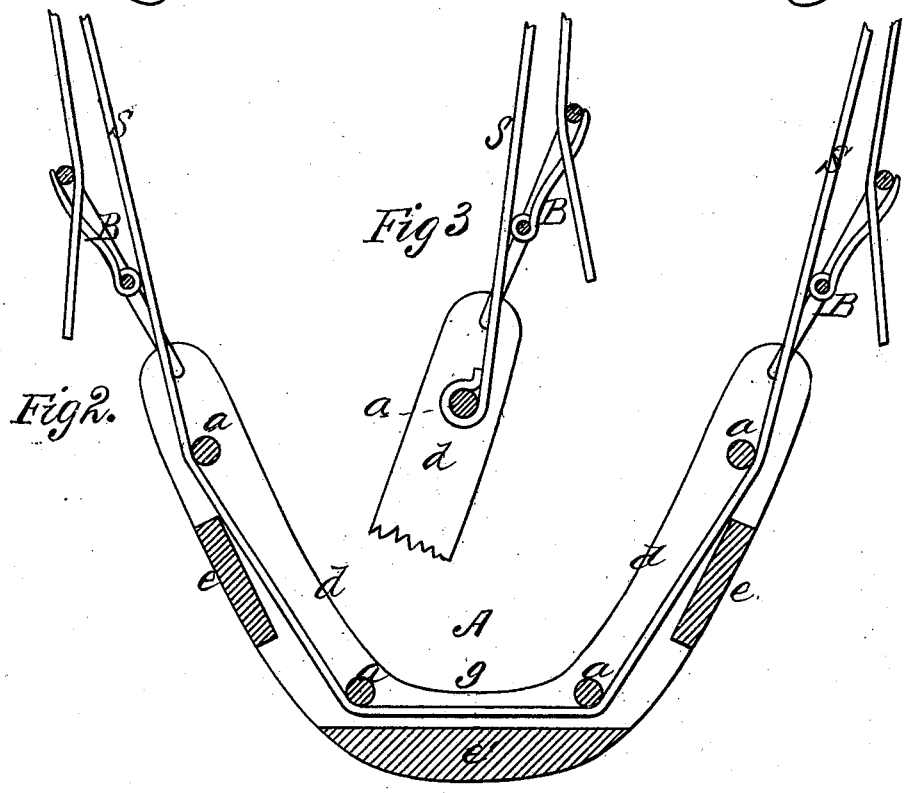


Fig 3

Fig 2.



WITNESSES

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JAMES E. REEVES, OF ST. JOSEPH, MISSOURI.

IMPROVEMENT IN HOLDBACKS FOR DOUBLE HARNESS.

Specification forming part of Letters Patent No. **202,584**, dated April 16, 1878; application filed March 19, 1878.

To all whom it may concern:

Be it known that I, JAMES E. REEVES, of St. Joseph, in the county of Buchanan and State of Missouri, have invented a new and valuable Improvement in Holdbacks for Harness; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side view of my improved holdback for harness. Fig. 2 is a longitudinal vertical section thereof; and Fig. 3 is a sectional view of an end of the holdback, showing one mode of attaching the breast-strap.

This invention has relation to improvements in holdbacks for double harness.

The nature of the invention consists in a holdback composed of two V-shaped metallic plates, connected together by suitable spaced braces at their convex edges, and by round bars inside of the said edges, and having at each end a vibrating buckle for the attachment of the breast-straps which connect the said holdback to the hames, which holdback is passed through the ring at the end of the yoke, and receives the wear thereof, as will be hereinafter more fully set forth.

In the annexed drawings, the letter A designates my improved holdback, composed of two V-shaped metallic plates, of suitable dimensions, held at a proper distance apart by cross-bars *a*, the ends of which extend through the said plates, and are riveted or clinched upon the outsides thereof. The plates *d* are additionally connected and braced by means of the flat bars *e*, riveted to the said plates between the round bars *a*, flush with the convex edges thereof, and by means of a V plate, *e'*, at the lower portion of the said plates *d*. As shown in Fig. 2, there is sufficient space between the bars *a* and *e* to afford passage to a breast-strap of ordinary thickness.

At each end of the holdback A is a buckle, B, secured thereto by passing the ends of the buckle-frame through eyes in the ends of plates *d*, as shown in Fig. 1, or by other equivalent means. At the bend *g* of the holdback the outer and upper surfaces of the plates *d* form a regular continuous curve, so that when it is passed through the ring on the end of the yoke it will have a rocking bearing therein.

One end of the breast-straps S is secured to the end bar *a* aforesaid. The other ends are then carried through the rings of hames, and, being brought back, secured to the buckles B; or the breast-strap may be passed through the holdback, between the bars *a* and braces *e*, and its ends passed through the hame-rings, brought back, and secured each to a buckle. The first mode is illustrated in Fig. 3, and the second in Fig. 2. It will be plain, after an examination of the drawings, that no portion of the breast-strap is in contact with the yoke-ring, and that consequently it is not liable to be worn out thereby.

What I claim as new, and desire to secure by Letters Patent, is—

1. The V-shaped metallic holdback, having the end buckles B and the bars *a*, adapted for use, substantially as specified.

2. The V-shaped metallic holdback A, consisting of the spaced plates *d*, connected by the spaced braces *a e*, and provided with the end buckles B, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JAMES E. REEVES.

Witnesses:
R. W. MUSSER,
GEO. C. POULTON.