

E. M. KINNE.

Fastenings for Halter Rings, &c.

No. 136,071.

Patented Feb. 18, 1873.

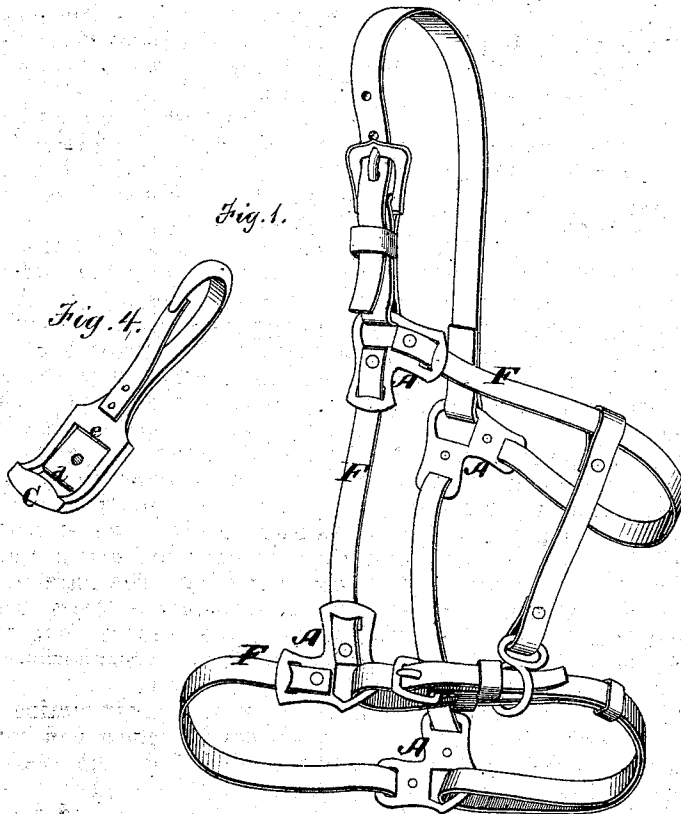


Fig. 2.

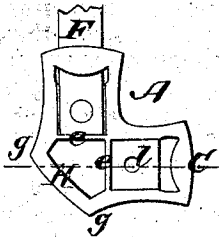


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN FASTENINGS FOR HALTER-RINGS, &c.

Specification forming part of Letters Patent No. 136,071, dated February 18, 1873.

To all whom it may concern:

Be it known that I, ERASTUS M. KINNE, of Cuba, in the county of Allegany and State of New York, have invented a new and Improved Trimming for Halters, Bridles, &c.; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a perspective view of a halter constructed with my improved trimming. Fig. 2 is a plan view of the trimming detached from the halter. Fig. 3 is a section through line *x x*, Fig. 2; and Fig. 4 is a perspective view of a snap-hook constructed in accordance with my invention.

Similar letters of reference in the accompanying drawing indicate the same parts.

My invention has for its object to provide for general use an improved trimming for uniting the different parts of halters, bridles, &c., and equally applicable to the construction of snap-hooks, squares, buckles, and other harness trimmings. For halters and bridles the invention consists in constructing the trimming in the form of two recessed metal plates whose outer ends are turned slightly upward and formed with a transverse slot and an ornamental convex cross-bar, said plates being joined together at one corner so as to occupy an angle of from forty to ninety degrees, more or less, with respect to each other, and strengthened by a cross-bar or band in front of the angle, as I will now proceed to describe.

In the accompanying drawing, *A A* are rectangular or other suitably-formed metal plates cast in one piece so as to stand at an angle to each other, as shown. The outer end of each plate is turned up slightly, and formed with a transverse slot, *B*, and an ornamental cross-bar, *C*, outside the slot. The under surfaces of the cross-bars are made convex and occupy the same horizontal plane as the upper rounded edges *d* of the transverse slots. The plates are cast with central rivet-holes *l*, and with inclined recesses in their upper surfaces extending from the flanges *e*, where they are deepest, gradually upward to the rounded edge *d* of the slot. The ends of the straps *F* forming the halter or bridle are applied to the plates by being first passed under the ornamental cross-

bars *C*; then over the rounded edges *d* of the slots, and into the inclined recesses, where they are riveted to the plates, as shown in Figs. 1 and 2.

By this construction the flanges *e*, across the ends and sides of the plates, prevent the straps from turning upon their rivets, and act as guards to protect them from injury and abrasion.

The position and form of the cross-bars, together with the rounded edges *d* of the slots, cause the straps to draw through each slot in a slightly-curved line, so that the under surfaces of the straps shall be in line with the under surfaces of the plates, and thereby prevent the edges of the latter from coming against the head of the horse when the bridle or halter is applied. In other words, when the straps are drawn tightly, they act as a lever over the rounded edge *d* and against the convex under surface of the cross-bar to hold the plates and straps in line with each other. The plates are strengthened by an ornamental cross-band, *H*, extending from the corners *g g* in front of the angle, and forming a continuation of the outer side flanges *e*, as shown.

As above stated, my invention is applicable to snap-hooks, buckles, and harness-trimmings generally. For snap-hooks and single trimmings but one plate is used, having the cross-bar, recess, slot, and flanges, as will be readily understood.

Having thus described my invention, what I claim is—

1. The trimming for halters, bridles, &c., consisting of the plates *A A*, cast together at an angle and strengthened by the cross-band *H*, each plate being formed with an inclined recess, a rivet-hole, *l*, an ornamental convex cross-bar, *C*, and a transverse slot, *B*, having a rounded edge, *d*, substantially as described, for the purpose specified.

2. A harness-ring, runner, snap-hook, buckle, &c., cast with one or more plates, *A*, having a central rivet-hole, *l*, the inclined recess, the convex cross-bar *C*, and the transverse slot *B*, having the rounded edge, *d*, as herein set forth.

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Witnesses:

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