M. WESSON.

Halters for Horses.

No. 123,653. Patented Feb. 13, 1872.

FIG. 1

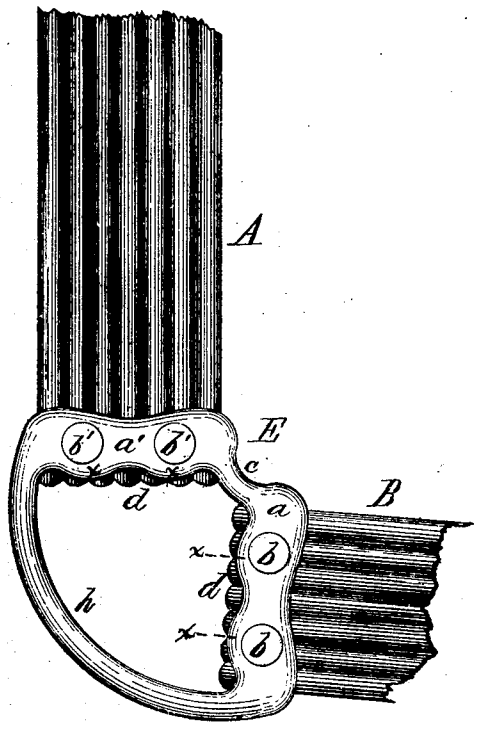


FIG. 2

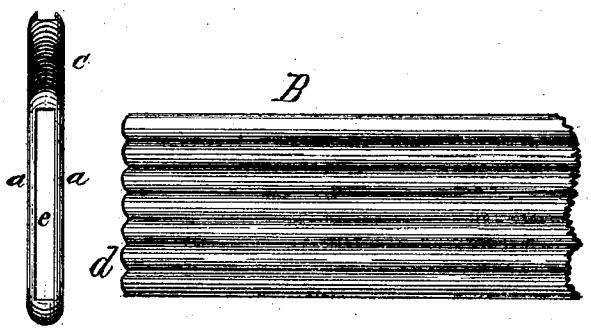
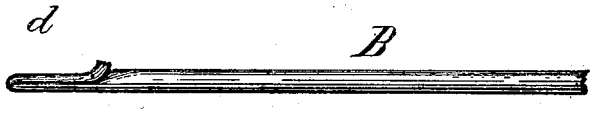


FIG. 3



Witnesses,
C. E. Howard
C. Eugene. Buckland.

Martin Wesson,
Inventor,
By T. A. Curtis.
his Atty.

UNITED STATES PATENT OFFICE.

MARTIN WESSON, OF SPRINGFIELD, MASSACHUSETTS.

IMPROVEMENT IN HALTERS FOR HORSES.

Specification forming part of Letters Patent No. 123,653, dated February 13, 1872.

To all whom it may concern:

Be it known that I, MARTIN WESSON, of Springfield, in the county of Hampden and State of Massachusetts, have invented a new and useful Improvement in the Manufacture of Halters for Horses; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing making a part of this specification, and to the letters of reference marked thereon, in which—

Figure 1 is a side view of my invention. Fig. 2 is an end view of the metallic fastening, and a side view of a portion of the nose-strap or webbing; and Fig. 3 is an edge view of the strap or webbing, showing the end folded and compressed ready to be inserted and secured in the metallic fastening.

My invention relates to the metallic fastening which secures the nose-piece to the side strap of halter; and it consists of a metallic triangular-shaped piece, having two sides thereof made with an aperture in each, so that, by folding the ends of the straps or webbing, and compressing them tightly in a press, the folded and compressed ends may be inserted in said apertures and riveted or secured therein; and when firmly secured, the metallic piece together with the straps or webbing will be compact, and, ordinarily, no thicker than the strap or webbing alone, and the whole will be very much stronger.

That others skilled in the art may be able to make and use my invention, I will proceed to describe the same.

In the drawing, A represents the side strap of a halter, and B the nose-piece, which may be made of any desirable material, the common webbing being a very good material, both of which are attached to the metallic piece E. This piece E has two sides, *a* and *a'*, which are connected at their inner ends by the bar *c*, and at their outer ends by the bar *h*; and these sides *a* and *a'* have an aperture, *e*, through each, as shown clearly in Fig. 2, of a proper length to receive the end of the strap or webbing A and B, and said apertures are made somewhat narrow, the purpose of which will be presently explained. The ends of the straps A and B, which are to be secured in said apertures, are folded over, as shown in Fig. 3, and the folded end is then put under a press and submitted to considerable pressure, so that the doubled end is made hard and thinner than before, the two parts or thicknesses when pressed not necessarily being thicker than the single thickness of the remainder of the strap or webbing, as seen clearly in Fig. 3. This folded end is then inserted in the aperture *e*, and, holes being punched through the straps at the points where the holes for the rivets are made in the parts *a* and *a'*, the rivets *b* and *b'* are inserted and headed down properly.

By this process of folding and pressing the ends of the straps, which are inserted in the apertures *e*, they are made very much stronger and harder, and better fitted to resist any strain or tendency to pull out, the rivets having a firmer bearing in the web or strap; and the metallic piece E (or its parts *a* and *a'*) extends around the web or strap on both sides, and is thus much stronger than if extending along only upon one side; and the metallic piece may be made much thinner and lighter, and consequently will look much neater, than when made in the ordinary manner.

Instead of using the rivets to secure the strap or web in the piece E, the edges of the parts *a* and *a'* may be made sharp, or might be serrated, and, after inserting the ends of the strap, the edges or teeth could be pressed in against the strap to hold it firmly in place. I prefer, however, to use the rivets, as being more sure and effective in their operation.

Halters made in this manner have the advantages of strength and cheapness over others made in the ordinary manner of sewing, and many others in which metallic fastenings are used.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is:

I claim an improved fastening for horse-halters, consisting of a metallic piece, through one or more ends of which extends the aperture *e*, having both sides of said aperture riveted to the strap or web, substantially as described.

MARTIN WESSON.

Witnesses:

T. A. CURTIS,

C. EUGENE BUCKLAND.