

(No Model.)

M. E. LASHER.
LOOP FOR HARNESS.

No. 361,531.

Patented Apr. 19, 1887.

Fig. 1.

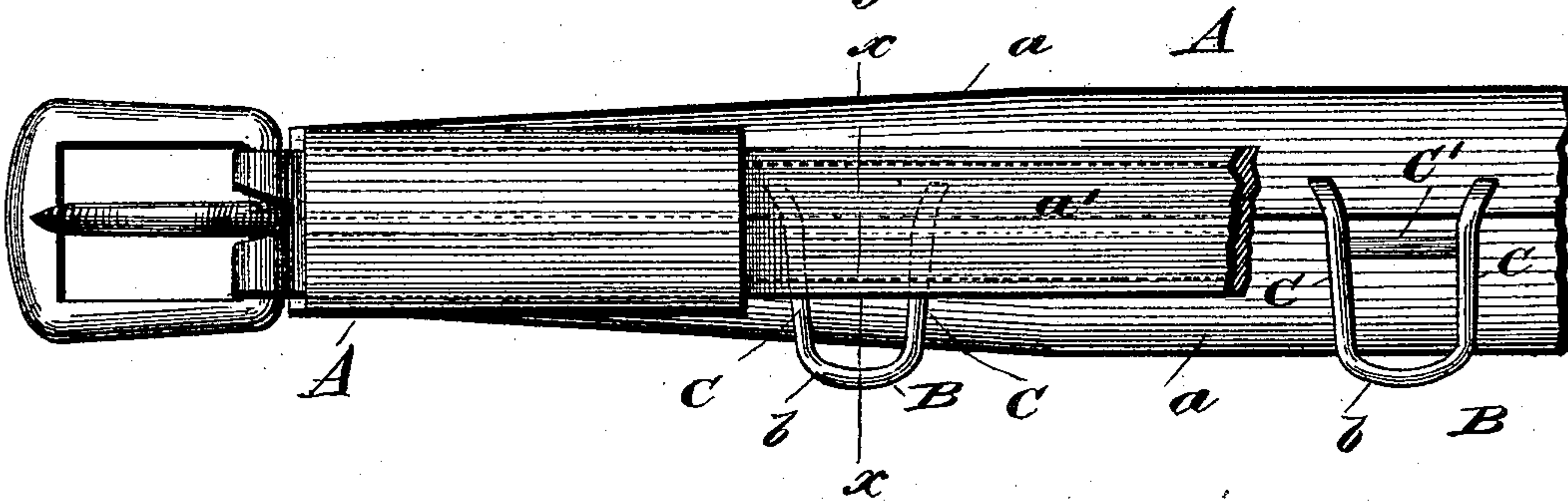


Fig. 2.

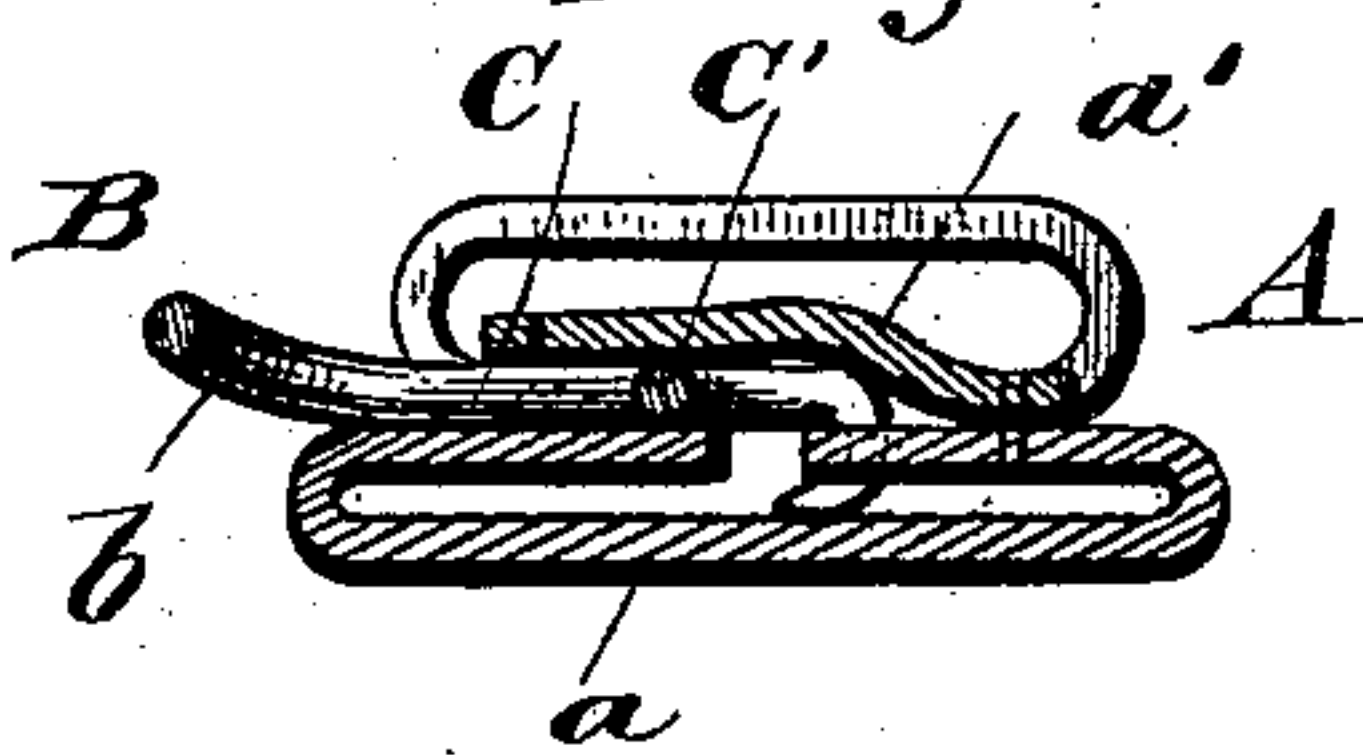


Fig. 3.

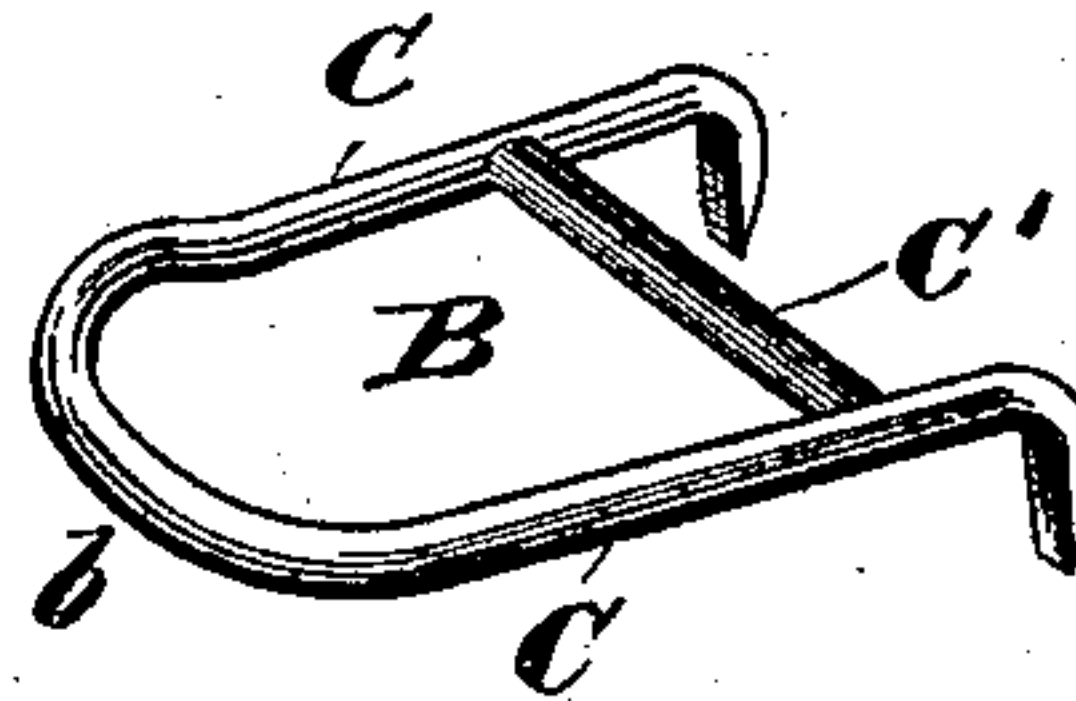
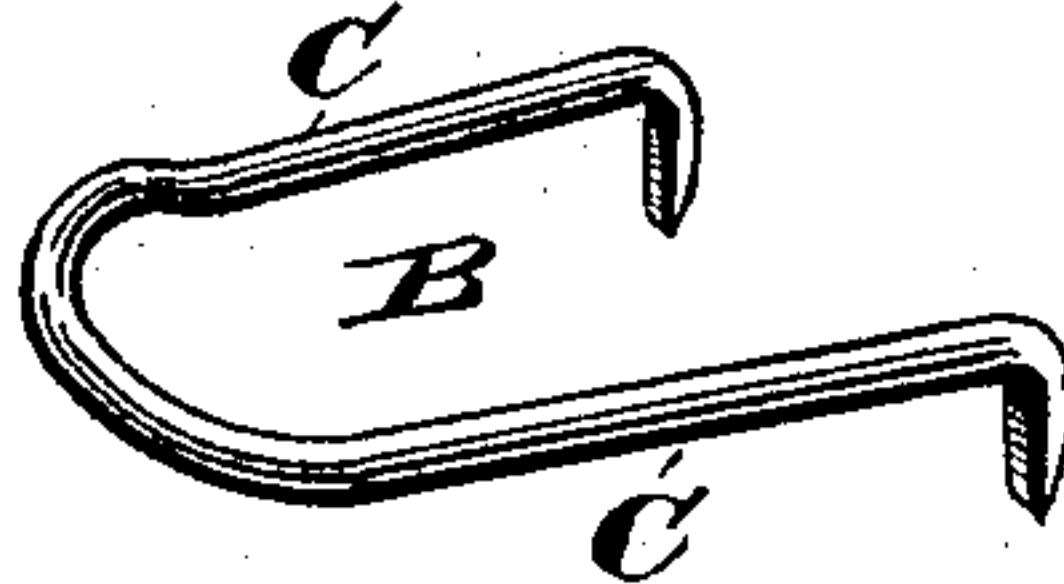


Fig. 4.



WITNESSES

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LOOP FOR HARNESS.

SPECIFICATION forming part of Letters Patent No. 361,531, dated April 19, 1887.

Application filed December 16, 1886. Serial No. 221,750. (No model.)

To all whom it may concern:

Be it known that I, MORGAN E. LASHER, of Champaign, in the county of Champaign and State of Illinois, have invented certain new and useful Improvements in Breast-Collar Rings or D's for Harness; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification, in which—

Figure 1 represents a plan view of a piece of harness, partly broken away, showing two of my improved loops or rings applied thereto. Fig. 2 is a sectional view through one of the rings and portion of harness on line *xx* of Fig. 1. Fig. 3 is a view of a ring detached. Fig. 4 is a modification of the same.

This invention relates to improvements in harness loops or rings, being especially designed for use of the breast-strap and other portions of a harness where ordinary rings have been used, and its objects are to provide a ring that can be securely attached to the straps of the harness without the aid of stitching or rivets, so that it can be used in repairing harness and replacing lost rings by an unskilled person without the aid of special tools, such as awls or punches.

The invention consists in the peculiar and novel construction of the loop or ring, hereinafter described, and concisely set forth in the annexed claims.

Referring to the accompanying drawings by letters, A designates a portion of a harness, which, to better illustrate the application of my invention, I have shown as a section of breast-strap. This part A is composed of the under piece, *a*, having its edges turned over and meeting in its central line, and the upper piece, *a'*, which is stitched over the meeting-edge of part *a*, in the usual manner.

B B designate my improved rings or loops. Each of these rings B is made of malleable metal, preferably galvanized iron, and each ring is staple-shaped, as shown, and consists of the semicircular portion *b*, having its opposite ends extended parallel with or slightly diverging from each other for a suitable length, forming arms C, which are flattened and sharpened

or pointed at their extremities, for a purpose hereinafter shown.

The rings C are made of different sizes to meet the requirements of the various styles of harness and the places where they are to be used. In the present instance, the arms C are of sufficient length to permit their ends to be turned down and clinched through the upper folded edge of the piece *a* of part A, as shown in Fig. 2, thus securely fastening the ring in position, while the part *b*, which is the ring proper, and by which other straps of the harness are attached to part A, is sufficiently extended outside of piece *a'* to permit the ready attachment of said straps thereto. The piece *a'*, when stitched down in place, covers the clinched ends of arms C and presents a neat appearance.

As an additional means for securing the ring in position by means of stitching, when the ring is to be partly covered by a piece similar to piece *a'*, I form the ring with a cross-bar, C', which connects the arms C about midway of their length. When the ring is thus constructed and secured in position, the bar C' will lie within the lower edge of piece *a'*, and the stitches that secure the same to piece *a* will pass below the bar and give additional support to the ring, as shown in Fig. 1.

In Fig. 4 I have shown the ring B without the cross-bar C', and this form I purpose using where there is no strengthening or covering piece *a'* used. The ends of arms C are sharpened and flattened, as described, and may be bent at right angles, as shown in Figs. 3 and 4, before they are put on sale, so that they can be more readily attached in position when desired.

It is obvious that this ring is simple, durable, and cheap, and also that it is equally as secure when properly attached to a strap, as described, as those rings which are secured in place by one or more rivets.

The ring being made of malleable metal, the arms C are not liable to break when being clinched. If desired, the ring may be japanned, or finished in any suitable manner, to present a neat appearance.

Having described my invention, what I claim as new is—

1. As an improved article of manufacture,
the within-described harness-loop, consisting
of a staple-shaped device having its free ends
flattened, sharpened, and bent, substantially
5 as and for the purpose specified.

2. The harness ring or loop B, having the
semicircular part b, arms C, having their ends
sharpened and flattened for clinching the same
to a strap, and the cross-bar C', uniting arms

C, all substantially as and for the purpose set
forth.

In testimony that I claim the foregoing as
my own invention I affix my signature in
presence of two witnesses.

MORGAN E. LASHER.

Witnesses:

J. L. RAY,
W. MEEHAN.