

(No Model.)

E. R. NORTHCUTT.
HARNESS LOOP.

No. 292,844.

Patented Feb. 5, 1884.

Fig. 1.

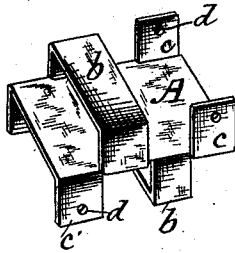


Fig. 2.

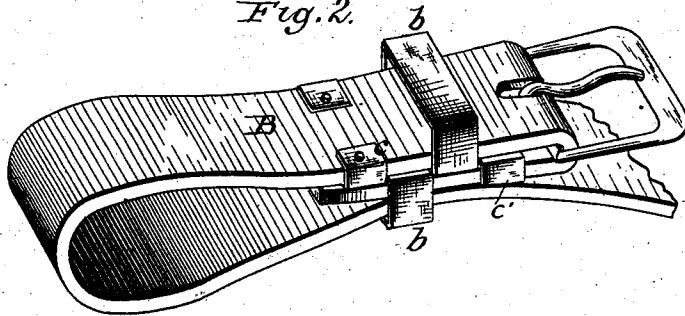
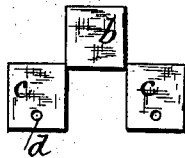


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

EDMOND R. NORTHCUTT, OF COLUMBUS, OHIO.

HARNESS-LOOP.

SPECIFICATION forming part of Letters Patent No. 292,844, dated February 5, 1884.

Application filed July 6, 1883. (No model.)

To all whom it may concern:

Be it known that I, EDMOND R. NORTHCUTT, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented a new and useful Improvement in Combined Harness Clasps and Loops; of which the following is a specification.

My invention relates to a device for securing the parts of harness or straps together and holding them firmly in place.

The objects of my invention are, first, to provide means whereby straps, or the two parts formed by folding a strap, may be securely united without stitching or the use of rivets, and at the same time to form loops or keepers adapted to retain said straps or the ends thereof in the desired position; second, to provide means whereby straps or the parts thereof may be united more readily and more effectually than by the devices now in use. I attain these objects in the manner illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my device.

Fig. 2 is a perspective view, showing the folded portions of a strap secured together by my device, to form a loop for retaining a buckle or ring. Fig. 3 shows a modification of my invention.

Similar letters refer to similar parts throughout the several views.

A represents the central plate or body of my device, which is formed entirely of metal, said plate being cast with two projecting ears, *c* and *c'*, on each side and near opposite ends of the plate, the ears at one end projecting upward, and at the remaining end extending downward at right angles to the surface of the plate, as shown in Fig. 1 of the accompanying drawings.

The plate A is also provided near its center with an upward and a downward projecting transverse loop or keeper, *b*, cast therewith. When it is desired to unite the two portions of a strap forming a loop for holding a buckle or ring, the upward-projecting ears *c* are bent inward and over the edges of the strap B, and pressed down against the surface of the leather. The strap resting on the upper surface of the plate is then passed through the upper keeper, *b*, and folded to form the desired loop. The under portion of the loop is then similarly secured against the bottom of the plate by means of the downward-projecting ears *c'*, and the end allowed to pass through the lower metal loop or keeper, if desired. The ears *c* and *c'* are each provided with a small perforation, *d*, near their extremities, into which a small portion of the leather is necessarily forced when the ears are pressed against the strap, thus forming additional security against the slipping of the strap.

As shown in Fig. 3 of the drawings, the plate A may be cast with but one loop or keeper *b*, when intended for use on parts of harness resting against the horse.

Having now fully described my invention, what I claim, and desire to secure by Letters Patent, is—

The combination of the plate A, side lugs, *c* and *c'*, adjoining the ends of said plate, a loop above and a loop under said plate, and made integral therewith, substantially as and for the purpose described.

EDMOND R. NORTHCUTT.

Witnesses:

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