

(No Model.)

A. W. BENNETT.
HARNESS LOOP.

No. 436,556.

Patented Sept. 16, 1890.

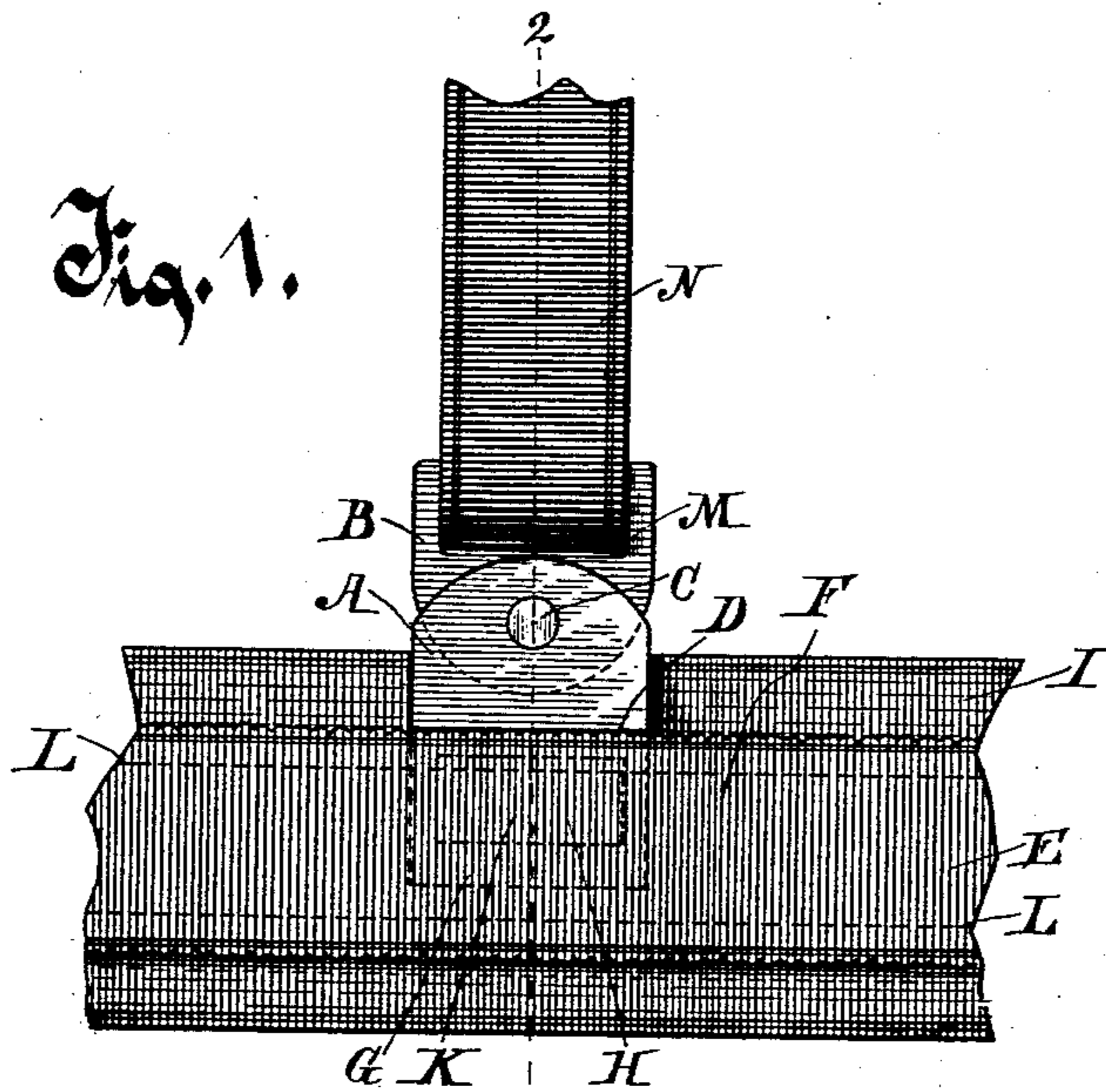


Fig. 3.

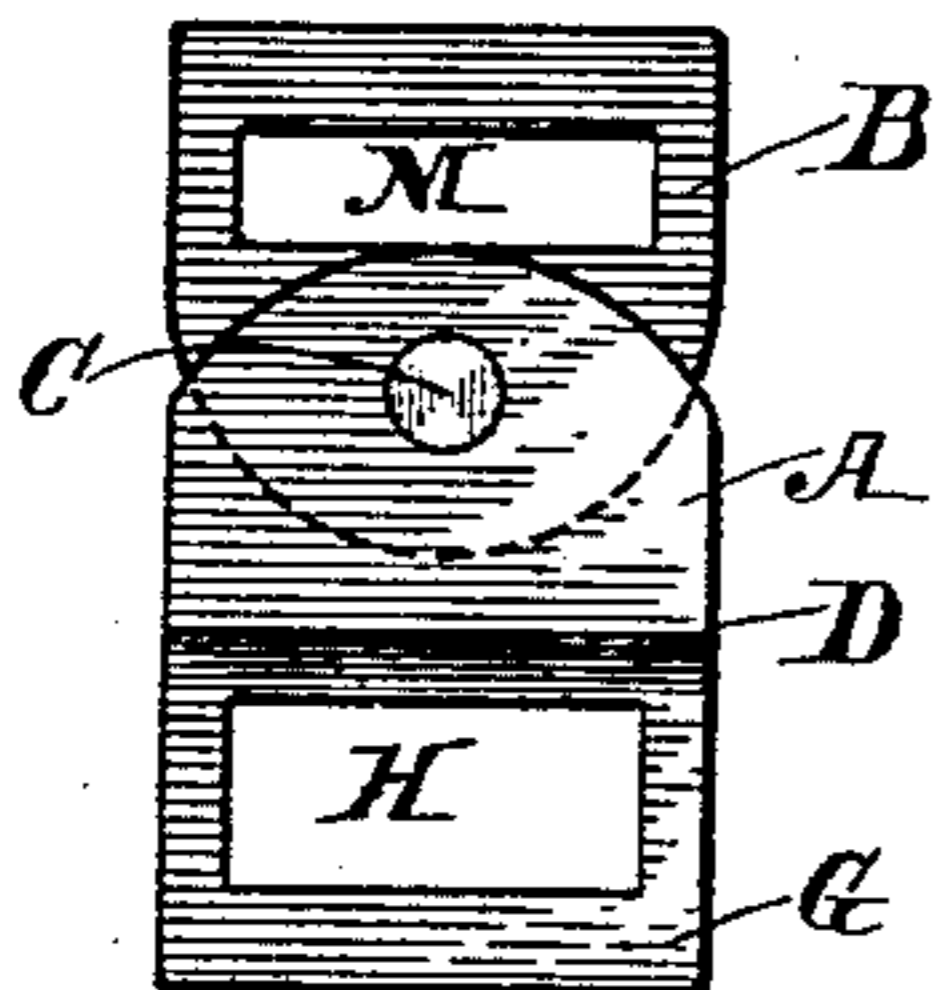


Fig. 2.

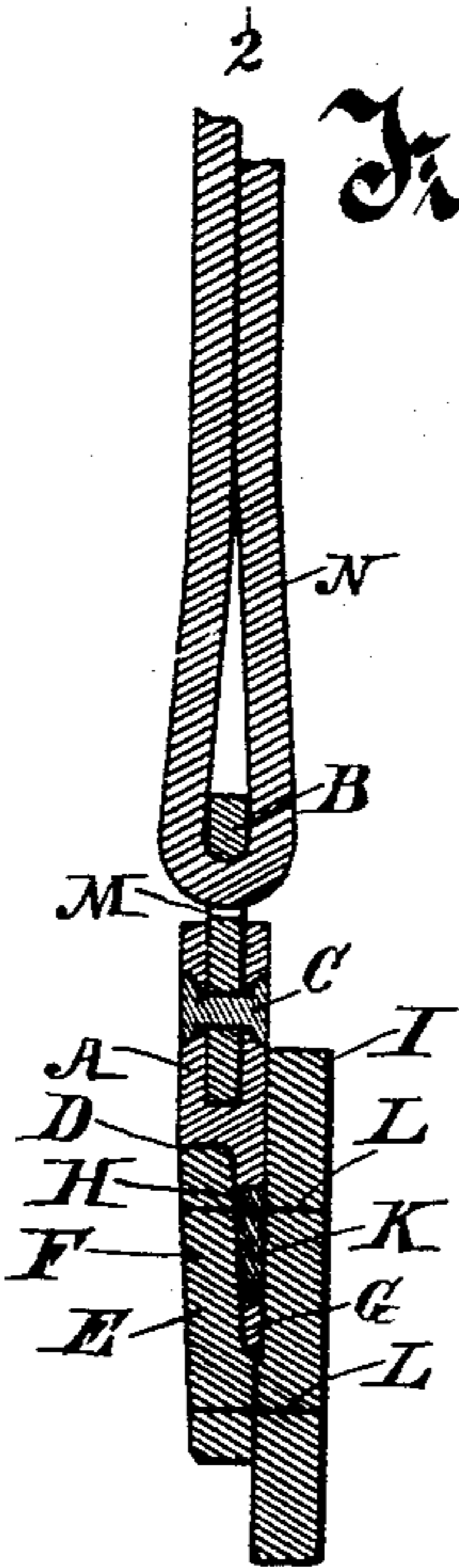
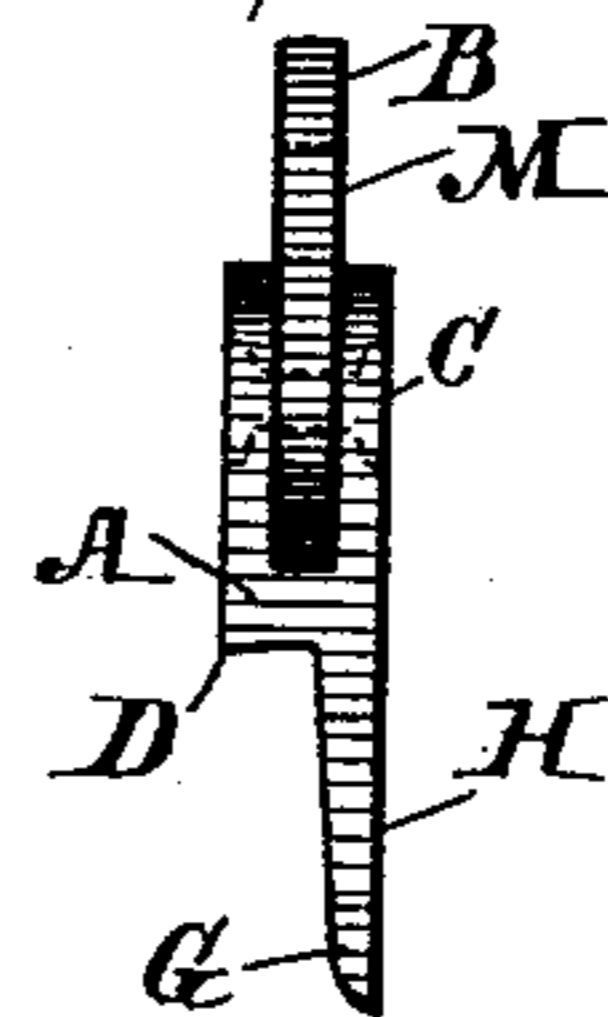


Fig. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

ALEXANDER W. BENNETT, OF PORTLAND, OREGON, ASSIGNOR OF ONE-HALF TO WILLIAM J. HARVEY, OF RACINE, WISCONSIN.

HARNESS-LOOP.

SPECIFICATION forming part of Letters Patent No. 436,556, dated September 16, 1890.

Application filed November 29, 1889. Serial No. 331,967. (No model.)

To all whom it may concern:

Be it known that I, ALEXANDER W. BENNETT, of Portland, in the county of Multnomah and State of Oregon, have invented a new and useful Harness-Loop; and I do hereby declare the following to be a full, clear, and exact description of said invention, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The object of my invention is to provide a device especially adapted for use in a harness for connecting the neck-strap or tug-bearer with the breast-strap of a breast-collar harness. The device may also be used for similar purposes in other parts of the harness. It takes the place of a metal ring, which has heretofore been used for the same purpose, but which is objectionable on account of its liability to cut and destroy the straps.

In the drawings, Figure 1 shows my improved device as attached to the breast-strap of a harness and with the neck-strap also connected to it. Fig. 2 is a transverse section of the same device on line 2 2 of Fig. 1. Fig. 3 is a front view of my complete device. Fig. 4 is an edge view of the same device shown in Fig. 3.

The device is constructed entirely of metal and is formed in two parts. One part, consisting of the plate A, in one edge of which is a recess, in which is inserted the plate B, and the two plates are hinged together by the pivot C, which is countersunk at its ends in the plate A, and its extremities are upset and headed down and are flush with the surfaces of the plate A. A joint is thus formed whereby the two parts swing freely laterally on each other. The plate A is also provided with a transverse shoulder D, adapted to fit against the outer leather E of the breast-strap F. This plate A also has a thinner part or tang G, provided with an aperture H, which tang is intended and adapted to be inserted in the breast-strap behind the strap E, while a larger part of the plate A rests against the inner strap I of the breast-strap.

A small block of leather, forming a keeper

K, is inserted in the aperture H and is adapted to receive therethrough the stitching L, which passes in a line along the breast-strap through the outer and inner straps E and I, and at this place through the keeper K, whereby the loop is attached securely to the breast-strap. This method of attaching the loop to the breast-strap obviates the possibility of the loop becoming unfastened therefrom by cutting the stitches or leather away as a ring does, which cuts or breaks the parts away by strain and wear on that part of the stitching or leather which bears at its edge against the inner surface of the ring.

The plate B is provided with a transverse elongated aperture M, which is adapted to receive therethrough the neck-strap or tug-bearer N, thus providing a straight and extended bearing for the strap in the loop, whereby its liability to be cut by the loop is much less than by a ring, which would bear principally against the edges of the strap and would have a tendency to cut the strap inwardly from its edges.

The shoulder D is not an essential feature of the loop, but is preferably formed for resting against the edge of the strap E and that the outer surface of the strap E may be flush with the surface of the body part of the plate A.

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

A harness-loop consisting of two metal plates having plain flat overlapping surfaces hinged together by a pivot passing transversely through the overlapping parts, the overlapping part of one plate being inserted between bifurcate parts of the other plate, one of the plates, as A, being in part a flat tang having a laterally-extending aperture H therein for receiving a keeper, and the other plate, as B, being provided with an aperture for receiving a strap therethrough, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

ALEXANDER W. BENNETT.

Witnesses:

D. S. STEARNS,
W. H. WEST.