

(No Model.)

A. OWEN.
Harness Loop.

No. 237,894.

Patented Feb. 15, 1881.

Fig. 1.

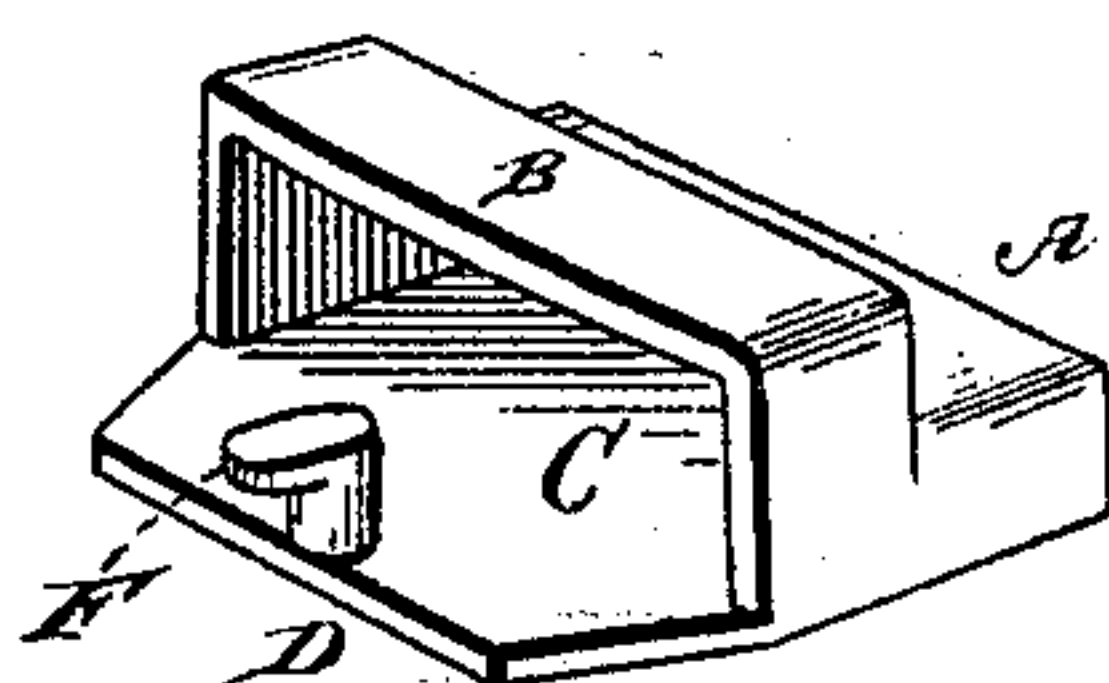


Fig. 2.

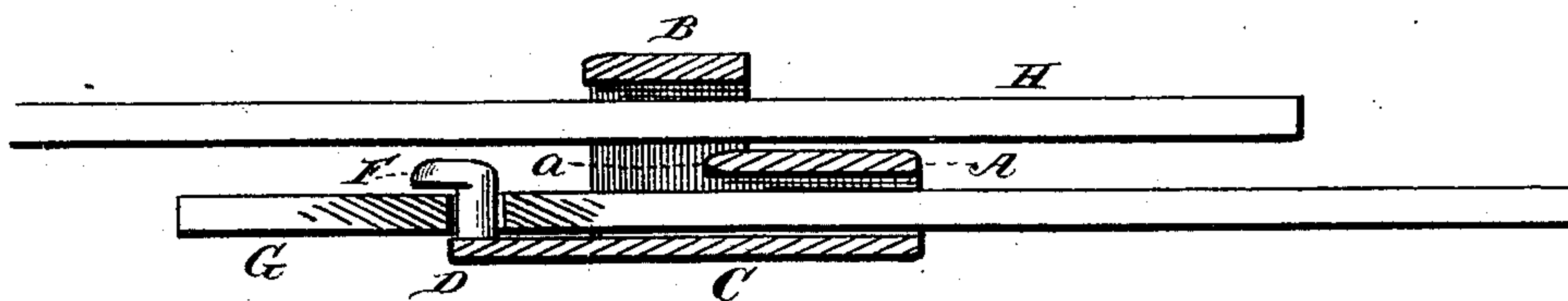
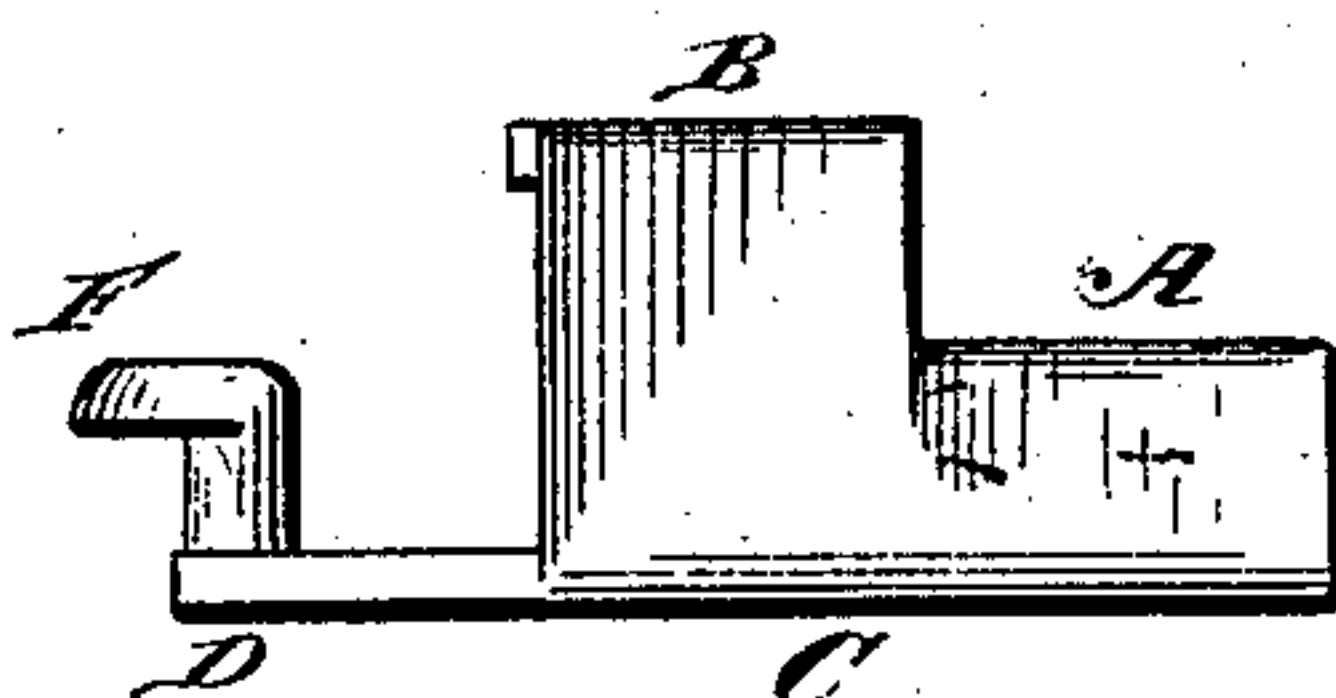


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ABRAM OWEN, OF TEXANA, TEXAS.

HARNESS-LOOP.

SPECIFICATION forming part of Letters Patent No. 237,894, dated February 15, 1881.

Application filed September 13, 1880. (No model.)

To all whom it may concern:

Be it known that I, ABRAM OWEN, a citizen of the United States, resident at Texana, in the county of Jackson and State of Texas, have invented certain new and useful Improvements in Harness-Loops; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it ap-
10 pertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

This invention has relation to harness-loops; and it consists in the features of construction and combination hereinafter fully described, and particularly pointed out in the claim.

Figure 1 is a view in perspective of a harness-loop embodying the improvements in my invention. Fig. 2 is a vertical longitudinal sectional view of the loop and straps, and Fig. 3 is a side view with the straps removed.

The object aimed at in this invention is to dispense with the leather loops now commonly used on harness, bridles, and the like by substituting therefor the metal loop shown in the accompanying drawings, the construction of which I will now proceed to describe, referring to the drawings by letters of reference.

30 A designates a lower loop, and B an upper loop, and C is a base common to both. The base is extended at D to form a flange, which is provided on its upper face with a button, F. The loop A has a knife-edge, *a*, which extends

slightly within the loop B, which is the larger of the two, in a vertical direction. 35

The straps G and H are inserted in the combined loop in the following manner: The strap G is perforated and is passed straight through the loop A, and the perforation is slipped over the button F. The strap H passes through the loop B above the strap G, and is not fast-
40 ened.

This loop may be used on bridles, harness, and all other places where the ordinary leather loop has been used, and is much more readily secured in place than by the stitching employed with the leather loop, and is more durable when once affixed. Besides it may be removed from one portion of the harness to
45 another, and possesses other obvious advantages not possessed by the leather loop.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is— 55

As an improvement in harness-loops, the herein-described metal loop, consisting of the loops A and B and the flange D, provided with the button F, constructed, combined, and operating substantially as and for the pur-
60 poses set forth.

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

ABRAM OWEN.

Witnesses:

W. H. SIMMONS,
W. A. BECKHAM.