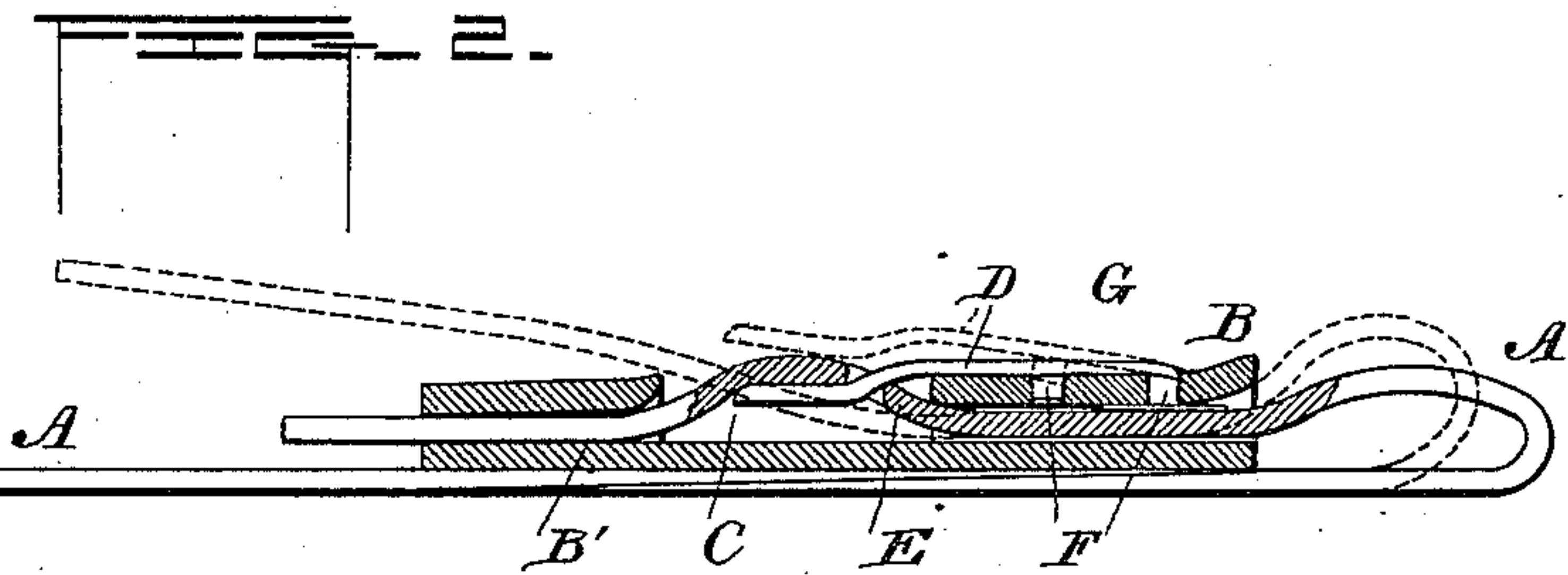
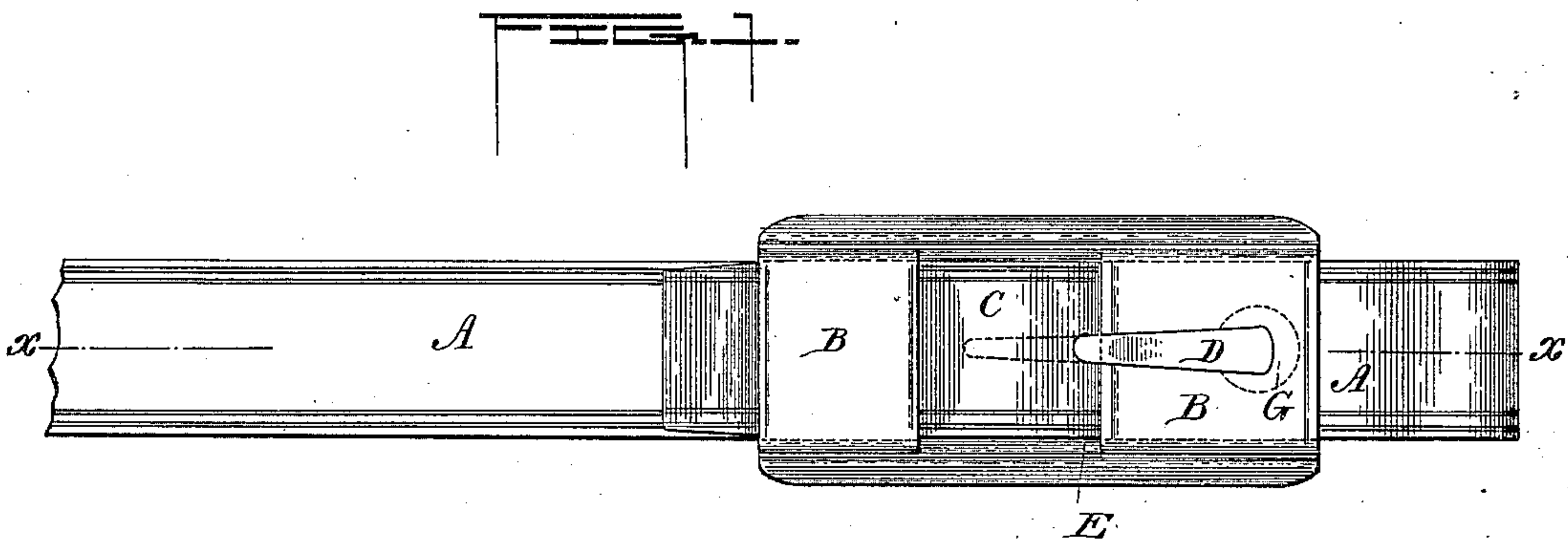


(No Model.)

J. Q. STEELE.
HARNESS BUCKLE.

No. 428,154.

Patented May 20, 1890.



WITNESSES:

I. A. Comer Jr.
Wm. H. P. Lee

INVENTOR.

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Attys.

UNITED STATES PATENT OFFICE.

JOHN Q. STEELE, OF PORTLAND, INDIANA.

HARNESS-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 428,154, dated May 20, 1890.

Application filed June 18, 1889. Serial No. 314,760. (No model.)

To all whom it may concern:

Be it known that I, JOHN Q. STEELE, a citizen of the United States, residing at Portland, in the county of Jay and State of Indiana, have
5 invented certain new and useful Improvements in Harness-Buckles; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it
10 appertains to make and use the same.

My invention relates to improvements in buckles or fastenings for harness and analogous purposes; and it consists in certain details of construction which will first be described, and afterward pointed out in the
15 claim. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is what may be termed a “top plan view” of a buckle applied to one end of a strap. Fig. 2 is a longitudinal section of the same on the line $x x$ of Fig. 1.

Similar letters refer to similar parts in both figures.

25 A designates the end of a strap, rein, or tug, to which a buckle is ordinarily attached. The buckle, or what might be termed a “substitute” for the buckle in common use, consists of a piece of leather B B', with a buckle-tongue D riveted or permanently attached
30 thereto.

The leather B is first cut out as a blank, with a hole or opening C. The tongue is bent or curved at E and securely riveted to the
35 under side of the blank by rivets F by means of washers G. The rivets may be cast or

made integral with the tongue. The blank B B' is now folded so as to bring its edges together under and parallel with the tongue D. The blank B B' and end A are now properly creased and stitched or permanently attached together, so as to constitute the part B' a keeper for the end of strap A, which completes the structure.

To use my invention the projecting end of strap A is pressed through the ring or other
45 attaching device, where the ordinary buckle is used, folded back and pressed through the part B between the washers of the rivets and the adjacent edges, emerging under the free end of the tongue, as indicated in dotted lines in Fig. 2. The tongue is next made to enter any desired one of a series of holes in the strap and then the end inserted in keeper B', which completes the operation. As thus
55 constructed, great lightness, neatness, equal strength, and durability are secured.

Therefore, what I claim, and desire to secure by Letters Patent, is—

A harness-buckle consisting of the flexible body portion B, in loop form and cut away centrally, as shown, and the rigid tongue D, having the enlarged head and stud swiveled in one of the upper loop portions and adapted to swing laterally to engage a strap in the cut-away portion, as and for the purpose described.
60
65

JOHN Q. STEELE.

Witnesses:

J. A. ROEMER,
T. P. TOUVELLE.