

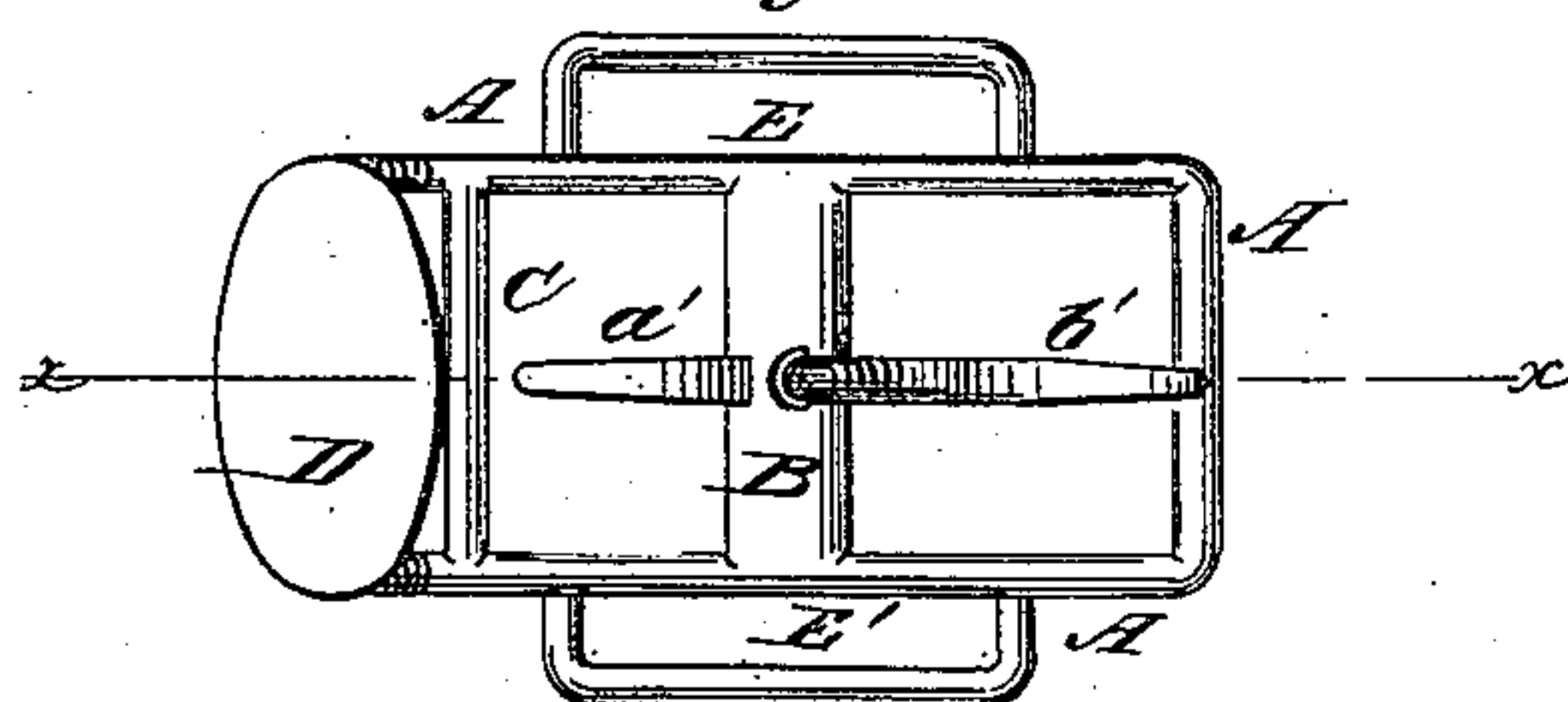
(Model.)

H. G. BARDWELL.  
Buckles.

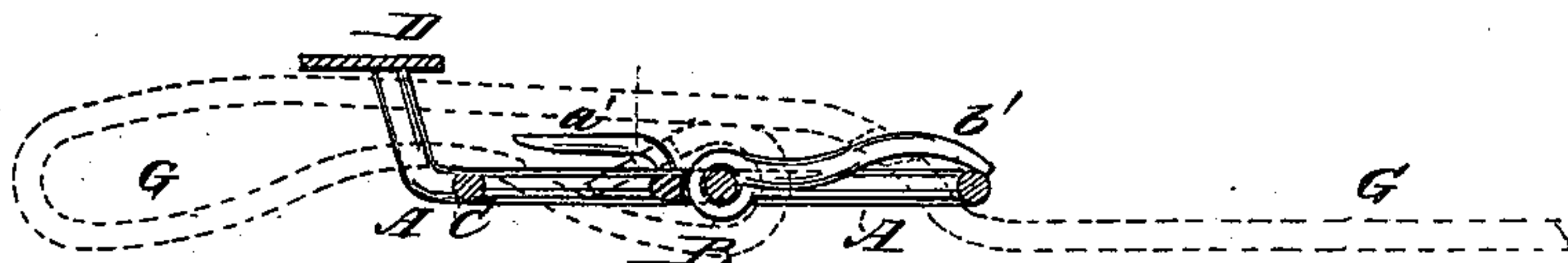
No. 230,221.

Patented July 20, 1880.

*Fig. 1.*



*Fig. 2.*



WITNESSES:

*Francis McArdle.*  
*C. Sedgwick*

INVENTOR:

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# UNITED STATES PATENT OFFICE.

HENRY G. BARDWELL, OF WINNTON, TEXAS.

## BUCKLE.

SPECIFICATION forming part of Letters Patent No. 230,221, dated July 20, 1880.

Application filed June 18, 1880. (Model.)

*To all whom it may concern:*

Be it known that I, HENRY GUION BARDWELL, of Winton, in the county of Gonzales and State of Texas, have invented a new and Improved Buckle, of which the following is a specification.

Figure 1 is a plan of the buckle. Fig. 2 is a sectional side elevation of the same on line *x x*, Fig. 1, showing its manner of attachment to harness, &c.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish a buckle of novel design and especially adapted to bridles, check-line and hip straps for horses, and for trunk-straps, gun-straps, &c.

The invention consists of a rectangular frame divided into three sections or loops of nearly equal area by two transverse parallel bars, one of which is flat and carries two tongues—a fixed one bent slightly upward and rearward and a swinging one pointing forward and resting on the front of the buckle; and the invention further consists in bending the last loop of the buckle upward at an angle of about sixty degrees, and uniting the sides of the frame with a flat elliptical bar whose flat surface is parallel with the face of the buckle; and it further consists of the rectangular loops set one on each side of the buckle for the attachment of the harness-straps thereto.

Referring to the drawings, A represents the frame of the buckle; B, the flat bar carrying the fixed tongue *a'* and the swinging tongue *b'*, and by its position forming the front loop. C represents the next bar, and forms the central loop over which projects the fixed tongue, and D the flat elliptical bar which closes the rear end of the buckle and elevated loop. E

and E' are the side loops, to which parts of the harness may be attached.

This buckle is attached to a harness or other strap by making a hole in the end of the strap and placing it over the fixed tongue *a'*. Then the strap is turned forward and the tongue *b'* passed through an elongated hole in the strap, and the strap then turned downward and rearward, and passed up through the central loop, and out through the elevated one; then it is reversed and repassed through the central loop of the buckle, making a loop in the strap, and over the swinging tongue again, and finally forward under the front of the buckle, as shown in the drawing, Fig. 2, wherein the strap G is represented in dotted lines. It will be seen that because of the upright loop of the buckle the strap is held most firmly, and that the buckle itself presents a neat and finished appearance.

For inside straps I sometimes make a buckle with two fixed and two swinging tongues, that the strap may be held more evenly.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The within-described buckle, consisting of the rectangular frame A, flat central bar, B, provided with a fixed and a swinging tongue, the bar C, elliptical bar D, raised above the body of the buckle and forming an elevated loop, and side loops, E and E', constructed and arranged substantially as and for the purpose described.

HENRY GUION BARDWELL.

Witnesses:

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