

(No Model.)

J. H. MAHER.
BUCKLE.

No. 427,776.

Patented May 13, 1890.

Fig. 1

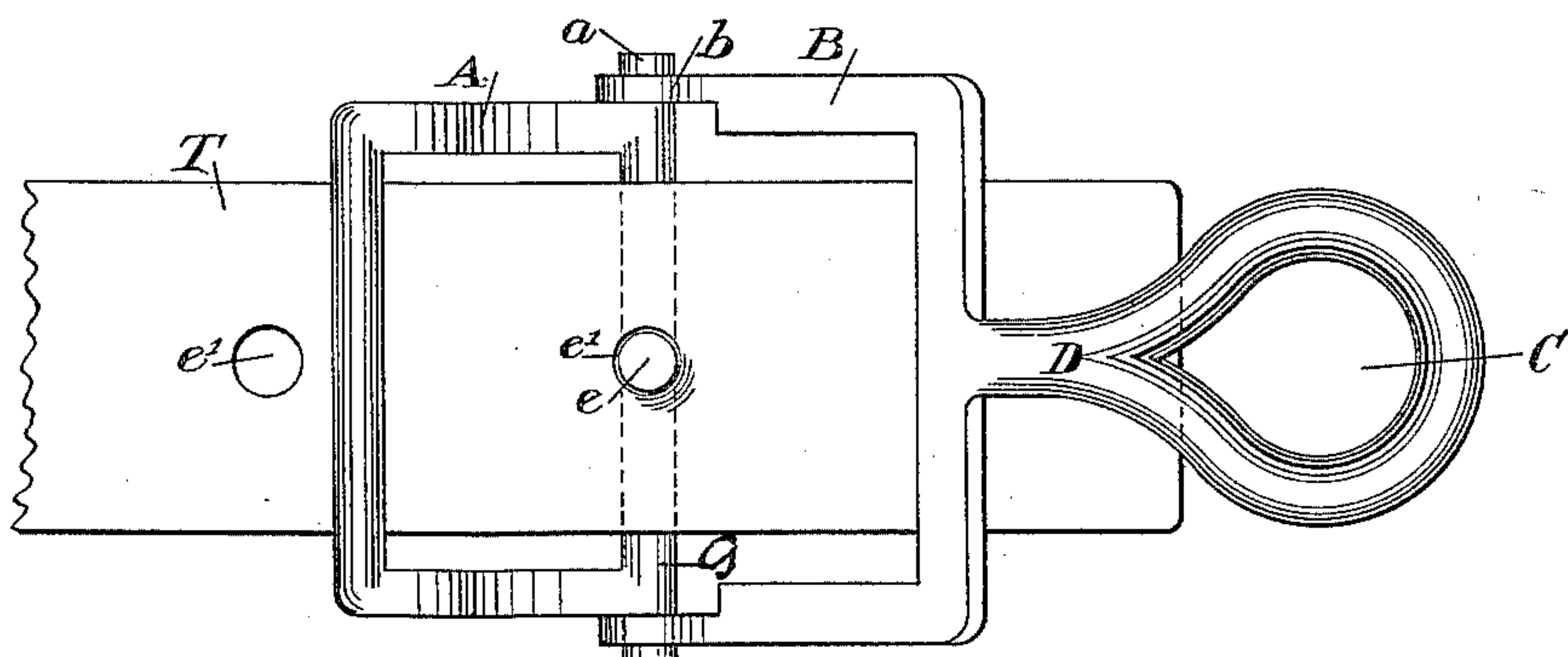
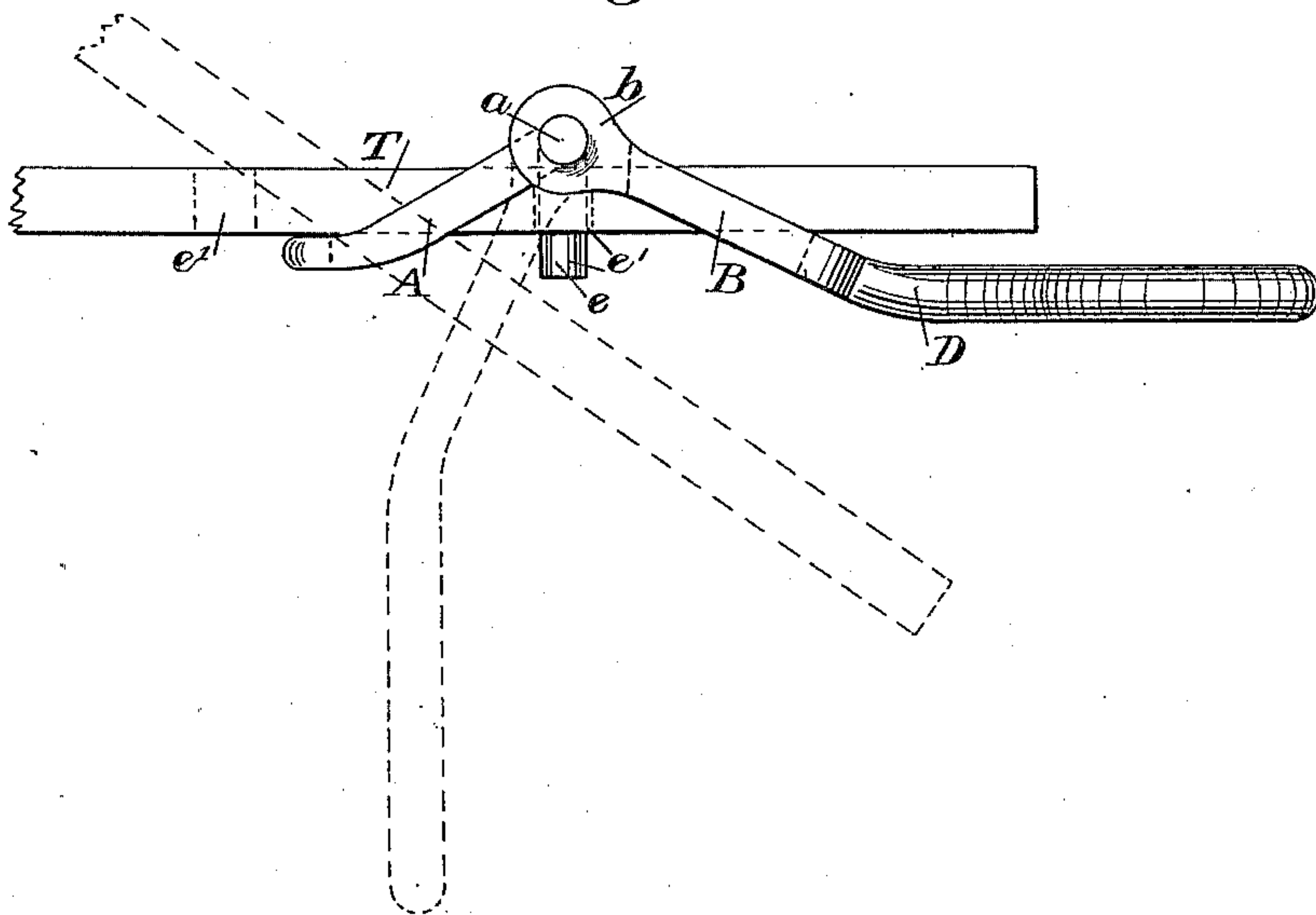


Fig. 2



WITNESSES:

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BUCKLE.

SPECIFICATION forming part of Letters Patent No. 427,776, dated May 13, 1890.

Application filed November 14, 1889. Serial No. 330,268. (No model.)

To all whom it may concern:

Be it known that I, JAMES HENRY MAHER, a citizen of the United States, residing at Slingerlands, in the county of Albany and State of New York, have invented certain new and useful Improvements in Buckles; and I do 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 appertains to make and use the same, 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 buckle for harnesses and other articles that will allow of an easy and speedy adjustment of the strap or other similar article to be held by it.

Similar letters refer to similar parts throughout the several views.

Figure 1 shows a front elevation of my buckle, showing a piece of harness-trace inserted therein, and showing the buckle to consist of a forward and a rear loop pivoted together at or near their centers, and having a cross-bar crosswise of the loops, said cross-bar having a lug or projection rising from its center. Fig. 2 shows a side view thereof, showing the piece of trace therein, and the dotted lines showing the position of the two loops and the trace when the buckle is opened ready to have the trace introduced, taken from, or adjusted therein.

A shows the forward loop of the buckle, which may have any configuration desired, and showing the cross-bar to be a part and portion of the forward loop.

B shows the rear loop, showing it to have a cockeye or catch at its rear extremity, and showing the side bars of the loop to have eyes or openings at their forward ends, into which eyes are entered the ends of the cross-bar, thus pivoting the rear and forward loops together.

C shows a cockeye at the rear extremity of the rear loop; D, shank of the cockeye, and

b ends of the side bars of the rear loop, having eyes in them.

a shows the pivoted ends of the cross-bar entered into the eyes of the side bars of the rear loops.

c shows the lug or projection on the cross-bar.

c' is the hole in the strap to receive the lug c, and T the trace or strap.

G shows the cross-bar of the buckle. It is immaterial whether the cross-bar is made a part and portion of the loop A or not. It may be a separate piece from either loop, if desired, or may be a part of loop B. If in a separate piece, it may be made to pass through eyes formed in the ends of the side bars of both loops; but I prefer it as shown. I do not confine myself to the exact method shown of pivoting or hinging the loops together. It may be done in any well-known manner. The lug c may be located at any point on the cross-bar, or there may be two or more lugs, as may be desired.

The operation and a full description thereof are as follows: The buckle when in its normal position assumes the form shown in Fig. 1, the trace or strap T passing under the loop A, over the cross-bar, and under the rear extremity of the loop B, while the lug c enters the hole in the strap T. The two loops being pivoted together at or near their centers when the strap T is drawn taut and the cockeye C attached to any article, a slight downward pressure is brought to bear on the strap at both loops, and keeps that part of the strap in the buckle straight and free from kinks or sharp bends, and also keeps the lug on the cross-bar in the hole in the strap. When it becomes desirable to take the strap from the buckle or to adjust it therein, the loop B is bent forward on the loop A, which allows the strap to be raised and disengaged from the lug on the cross-bar and removed or adjusted, as desired, and the rear loop is then bent backward to its normal position and the buckle and strap are ready for use.

The position of the parts of the buckle and

the strap when being entered, taken from, or adjusted is seen by the dotted lines in Fig. 2.

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

5 A buckle consisting of two loops, one open and one closed, placed end to end and hinged or pivoted together at their meeting ends, and one of them having fixed thereto or cast integral therewith a cross-bar crossing the loops
10 at the point where they are hinged together,

said cross-bar having a vertical tongue rising from its upper surface when the buckle is in its normal position, substantially as described.

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

JAMES HENRY MAHER.

Witnesses:

W. M. BROWN,

J. F. HARRIS.