

(No Model.)

J. M. BASINGER.

HARNESS BUCKLE.

No. 322,087.

Patented July 14, 1885.

Fig. 1.

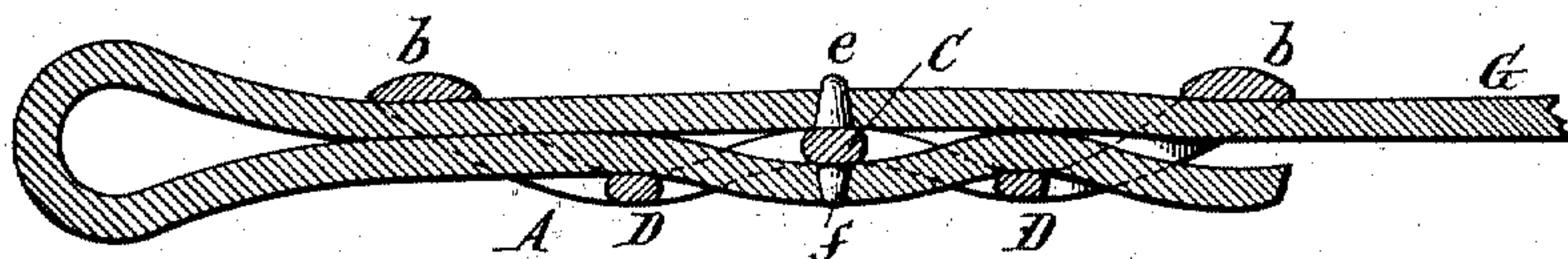


Fig. 2.

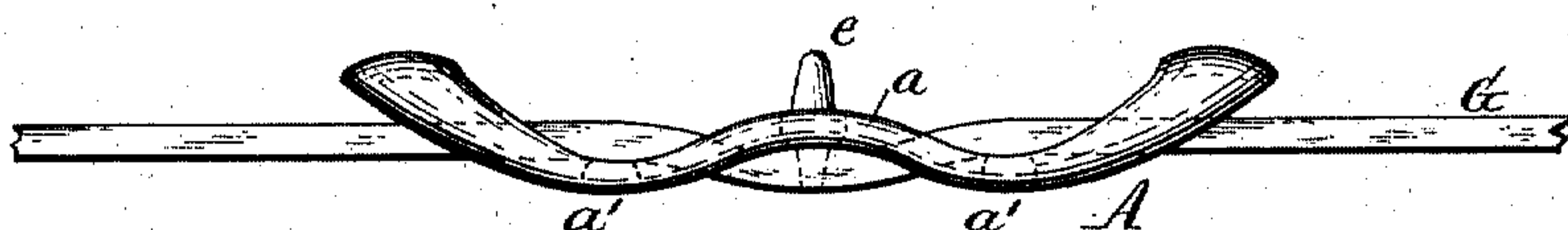


Fig. 3.

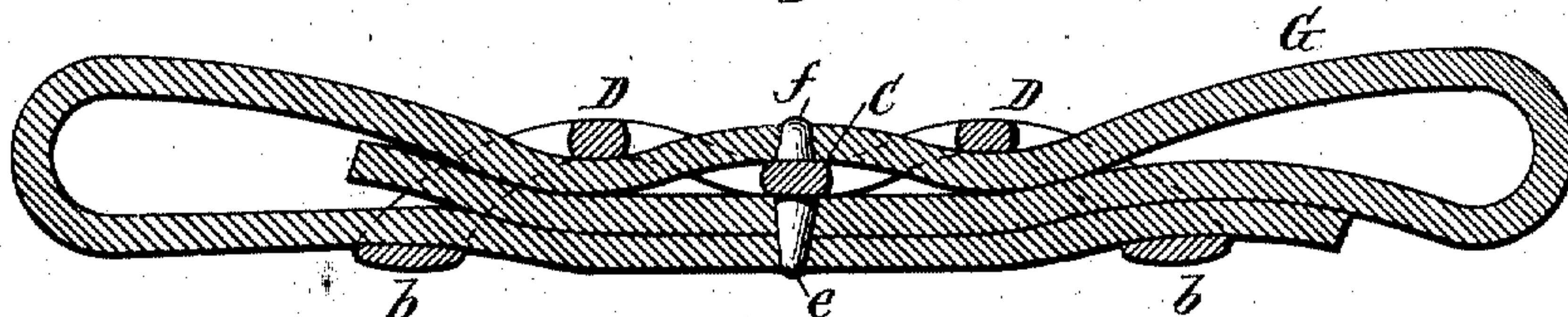
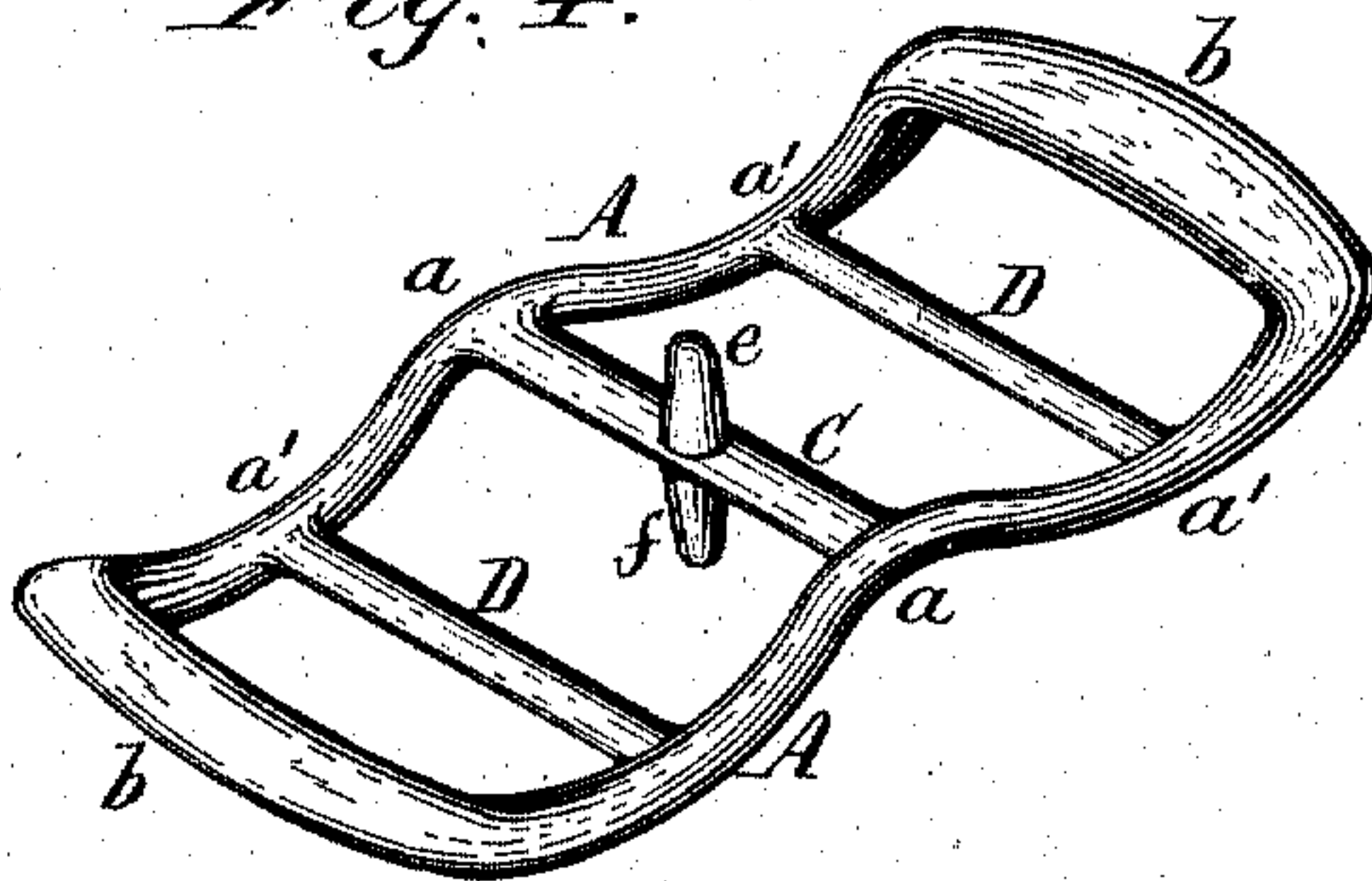


Fig. 4.



Theo. L. Popp } Witnesses:
Chas. F. Geyer.

James M. Basinger Inventor.
By Wilhelm P. Bonner.
Attorneys.

UNITED STATES PATENT OFFICE.

JAMES M. BASINGER, OF BUFFALO, NEW YORK, ASSIGNOR OF ONE-HALF
TO PRATT & LETCHWORTH, OF SAME PLACE.

HARNESS-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 322,087, dated July 14, 1885.

Application filed October 23, 1884. (No model.)

To all whom it may concern:

Be it known that I, JAMES M. BASINGER, of the city of Buffalo, in the county of Erie and State of New York, have invented new and useful Improvements in Harness-Buckles, of which the following is a specification.

This invention relates to an improvement in that class of harness-buckles in which the strap is secured to the buckle without sewing or riveting, and in which both ends or thicknesses of the strap can be attached to the buckle and be adjusted thereon independently of each other, and without removing the strap from the buckle.

My invention consists of the improvements in the construction of a buckle, which will be hereinafter fully set forth, and pointed out in the claims, whereby the buckle is rendered more convenient in use and enabled to be cast without coring.

In the accompanying drawings, Figure 1 represents a longitudinal section of my improved buckle applied to a strap. Fig. 2 is a side elevation of the buckle, with one end of the strap attached thereto. Fig. 3 represents a longitudinal section of the buckle applied to a hame-strap for connecting both ends of a hame, the buckle being shown reversed. Fig. 4 is a perspective view of the buckle.

Like letters of reference refer to like parts in the several figures.

A A represent the side bars of the buckle-frame, both ends of which curve upwardly, and are connected by end bars, *b b*. The side bars, A A, are formed with a central raised portion, *a*, and two depressed portions, *a' a'*, on opposite sides of the central raised portion, *a*, and adjacent to the raised ends of the side bars.

C represents a central cross-bar connecting the central raised portion, *a*, of the side bars, and D D represent two intermediate cross-bars arranged between the central cross-bar, C, and the end bars, *b b*, and connecting the depressed portions *a' a'* of the side bars, A A. The central cross-bar, C, is provided with two vertical studs or tongues, *e f*, arranged on opposite sides of the cross-bar, the tongue *e*, projecting upwardly from the top of the bar C, and the tongue *f* downwardly from the opposite side of the bar. The strap G is attached to the buckle by inserting one end of the strap

through the opening between one of the end bars, *b*, and adjacent cross-bar D, and under the central cross-bar, thence over the opposite cross-bar D and out under the adjacent end bar. The portion of the strap resting under the central cross-bar is provided with a suitable opening, which engages over the downwardly-projecting tongue *f*, whereby one end of the strap is securely attached to the buckle. The opposite end of the strap may now be inserted through the opening between one of the end bars and cross-bars D, and over the central cross-bar, C, and out through the opening between the cross-bar D and end bar, *b*, on the opposite end of the buckle, the portion of the strap resting over the central cross-bar, C, being provided with a suitable hole, which engages over the upwardly-projecting tongue *e*, whereby the opposite end of the strap is attached to the buckle independent of the other end.

When the buckle is designed to be used for connecting the ends of a hame-strap, the buckle can be attached to the strap near the center of the strap by drawing the strap through the buckle below the end bars and center cross-bar and above the intermediate cross-bars, and engaging the tongue *f* in a hole formed in the center of the strap, as shown in Fig. 2. Both ends of the strap, after being inserted through the hame-rings or loops, which are not shown in the drawings, may be securely attached to the buckle by engaging both ends over the opposite tongue, *e*, as shown in Fig. 3. The curved form of the ends of the side bars, A A, allow sufficient space between the end bars, *b*, and cross bars D to permit two or more thicknesses of the strap to be inserted through the opening between the cross-bars D and end bars with but very little bend to the strap, and the curved center portion, *a*, permits the portion of the strap which is engaged over the tongue *e* to be readily disengaged from the tongue and adjusted without disturbing the opposite end of the strap which is engaged over the tongue *f*. By attaching both ends, or different portions of the strap to the buckle on opposite sides of the center cross-bar, as shown, either end or portion of the strap can be readily adjusted on the buckle, as may be required, independent of the other

end or portion of the strap, and without removing the end or portion of the strap from the buckle.

5 The buckle herein described and shown forms a neat and substantial means of connecting the two ends of a strap, and does away with sewing or otherwise securing the buckle to the strap.

10 The buckle can be readily adjusted and secured to any portion of the strap, and can be applied in a variety of ways for securing the different parts of a harness.

15 My improved buckle is readily cast without coring, and can be produced at comparatively small expense.

I am aware that buckles have heretofore been constructed with reversely-curved side bars; and I am also aware that buckles having a central cross-bar provided with tongues arranged

on opposite sides of the central cross-bar have heretofore been made, and these constructions I do not claim.

I claim as my invention—

A buckle composed of the reversely-curved side bars, A A, connecting end bars, *b b*, central cross-bar, C, provided with tongues *e f*, arranged on opposite sides of the central cross-bar, C, and intermediate cross-bars, D D, arranged on a plane below the central bar, and between the central cross-bar, C, and bars *b b*, substantially as set forth.

Witness my hand this 22d day of September, 1884.

JAMES M. BASINGER.

Witnesses:

JNO. J. BONNER,
CARL F. GEYER.

It is hereby certified that in Letters Patent No. 322,087, granted July 14, 1885, upon the application of James M. Basinger, of Buffalo, New York, for an improvement in "Harness-Buckles," it erroneously appears that Pratt & Letchworth were assignees of "one-half" interest in said invention, whereas they were assignees of *one-fourth* interest only; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed, countersigned, and sealed this 29th day of September, A. D. 1885.

[SEAL.]

H. L. MULDROW,
Acting Secretary of the Interior.

Countersigned:

M. V. MONTGOMERY,
Commissioner of Patents.