

A. & C. L. MARSCHALL.  
Harness Buckle.

No. 232,526.

Patented Sept. 21, 1880.

Fig: 1.

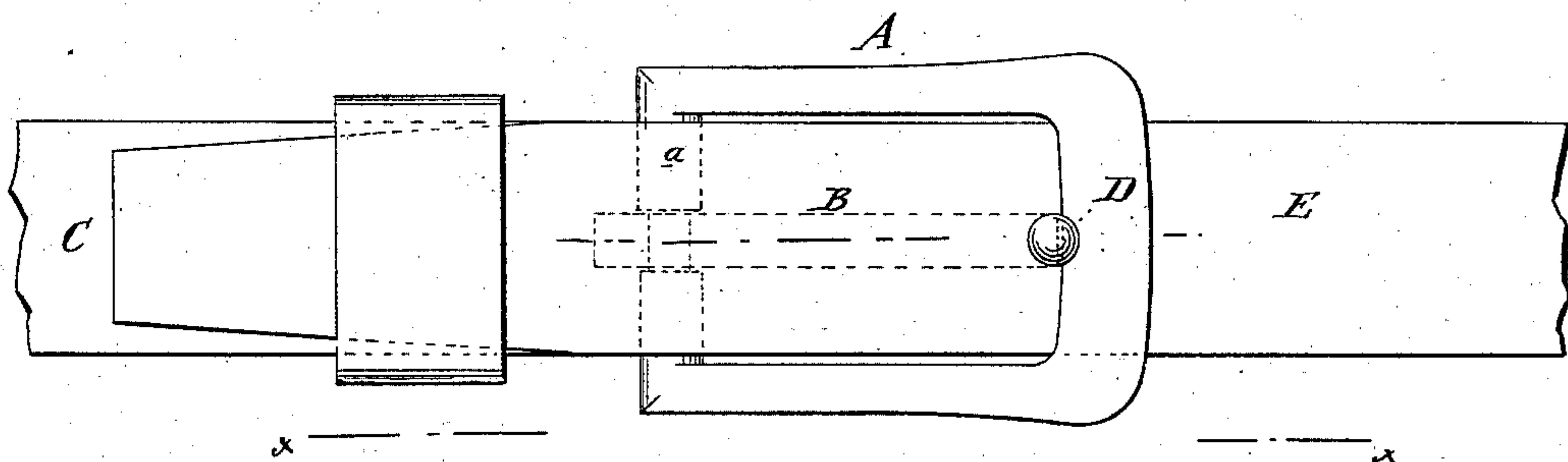


Fig: 2.

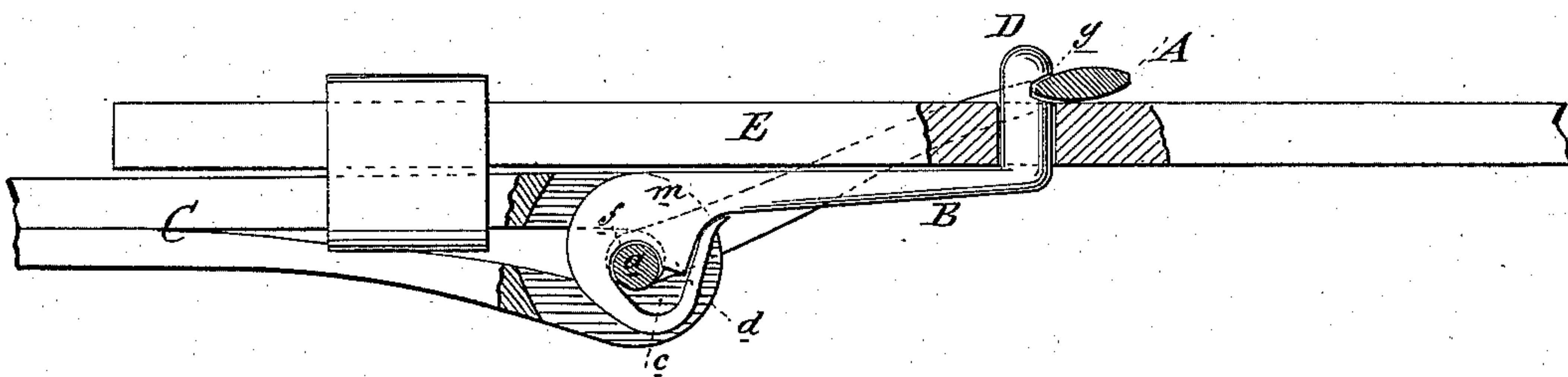
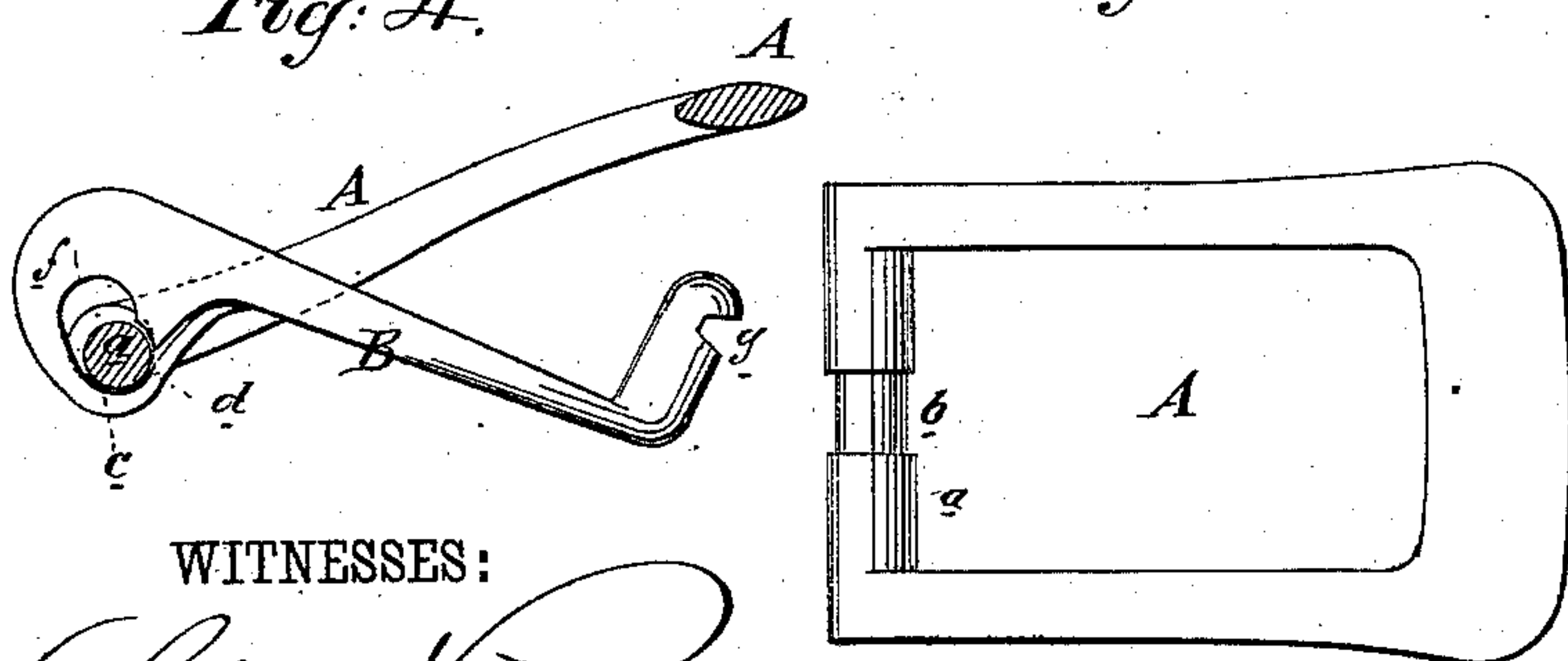


Fig: 3.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

ANTHONY MARSCHALL AND CASPER L. MARSCHALL, OF EVANSVILLE, IND.

## HARNESS-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 232,526, dated September 21, 1880.

Application filed December 31, 1879.

*To all whom it may concern:*

Be it known that we, ANTHONY MARSCHALL and CASPER L. MARSCHALL, of Evansville, in the county of Vanderburg and State of Indiana, have invented a new and Improved Buckle, of which the following is a specification.

Figure 1 is a plan of the buckle in position on a hame-tug. Fig. 2 is a longitudinal sectional elevation on line *x x*, Fig. 1. Fig. 3 is a plan of the buckle-frame with the tongue removed. Fig. 4 represents a longitudinal sectional elevation of the buckle, showing the tongue dropped to admit a strap within the buckle.

Similar letters of reference indicate corresponding parts.

The invention consists in a harness-buckle whose swinging tongue is provided with curved notches and a single point at right angles to the main body of tongue, said point being grooved in front and near its upper end, all as hereinafter described.

In the drawings, A represents the buckle-frame, with cross or tongue bar *a*, provided with a central notch, *b*, which is embraced by the eye of the tongue B.

The eye *c* of the tongue B is so located or formed in the rear end of the tongue that the metal above the said eye resting on the cross-bar *a* is of an equal depth or thickness with the leather of the hame-tug C, as shown at *m*, so that the tongue itself is raised (when the buckle is in position as shown in Fig. 2) on a level and parallel with the upper surface of the said tug. The curved notches *d f*, whose uses

will be hereinafter explained, are made in this thick portion of the metal surrounding the eye *c*.

The point of the tongue B is bent upward, as at D, and provided with a notch, *g*. This upright point D may be constructed as part of the said tongue, or be constructed separately and attached thereto.

If the tongue B be raised up at the rearend and set on the cross-bar *a* at the second notch *d*, it (the tongue) can then be dropped, or the buckle-frame A can be raised, so that the heaviest of straps can be buckled or unbuckled with ease and perfectly straight, as shown at E. Then the said tongue B may be locked by moving it so that the notch *f* shall rest on the cross-bar at *b* and the notch *g* of the point D shall engage on the front bar of the buckle, as shown in Fig. 2.

The notch *b* in the cross-bar *a* serves to hold the tongue B in position laterally.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

A harness-buckle whose swinging tongue B is provided with curved notches *d f* at its rear end, and at the front end a single upward right-angled projection, D, having front groove, *g*, as shown and described, to adapt said buckle to be used in connection with a strap and hame-tug, as specified.

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Witnesses:

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