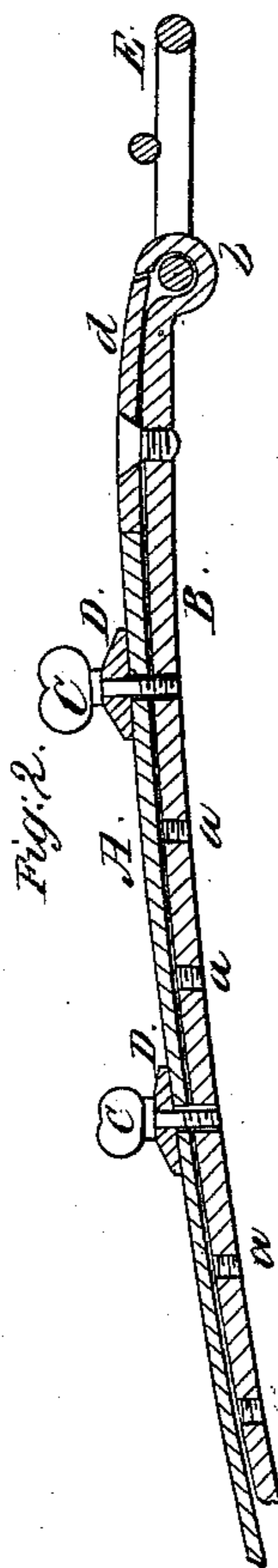
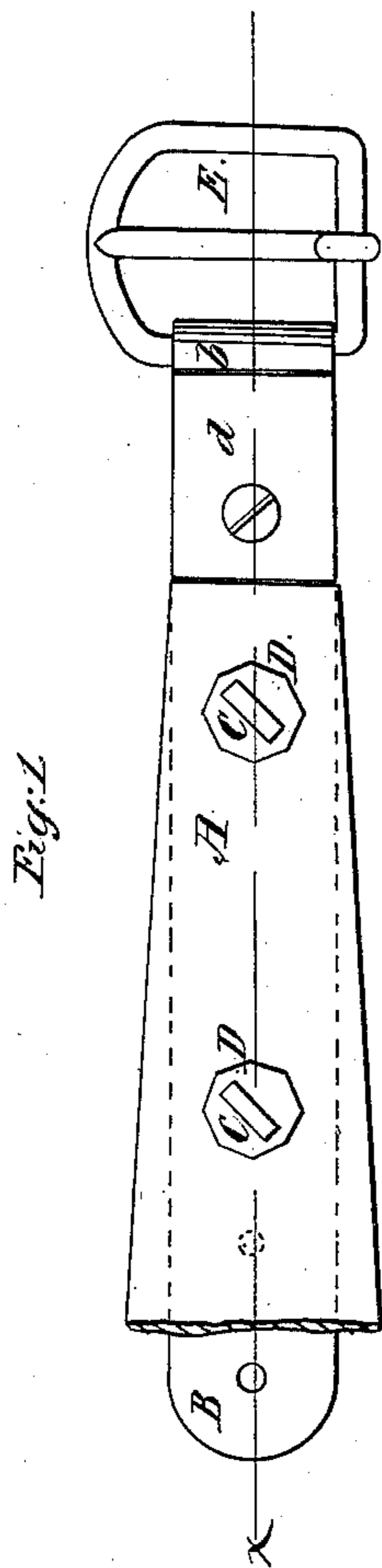


L. Hays,
Harness-Pad Billet,
N^o 78,736. Patented June 9, 1868.



Witnesses:
W. C. Ashkettle
Wm A Morgan

Inventor:
L. Hays
 per *Munn & Co*
 attorneys

United States Patent Office.

LYDIA HAYS, OF AMES, IOWA.

Letters Patent No. 78,736, dated June 9, 1868.

IMPROVED PAD-BILLET.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, LYDIA HAYS, of Ames, in the county of Story, and State of Iowa, have invented a new and improved Pad-Billet; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming a part of this specification.

This invention relates to a new and improved pad-billet for harnesses, and it consists in a novel construction of parts, whereby several advantages are obtained over the ordinary leather billet.

In the accompanying sheet of drawings—

Figure 1 is an outer or exterior view of my invention.

Figure 2, a longitudinal section of the same, taken in the line *x x*, fig. 1.

Similar letters of reference indicate corresponding parts.

A represents the leather strap of a harness-saddle, and B represents a billet, which is designed to be of cast iron, and has a series of holes, *a*, in it, at equal distances apart.

The strap A is secured to the billet by means of thumb-screws, C C, polygonal washers, D, being at the outer sides of the leather, through which washers the screws C pass into the holes *a*, which are tapped or provided each with an internal screw-thread.

The lower end of the billet is formed or cast with a loop, *b*, to receive the buckle E, a plate, *d*, being screwed to the loop, to prevent the casual detachment of the buckle, as shown clearly in fig. 2.

It will be seen, from the above description, that the billet B may be readily taken up and let out, as occasion may require, as the thumb-screws C C may be unscrewed and placed in different holes, *a*, in the billet, without any trouble or difficulty whatever. The metal billet, of course, is far more durable than the ordinary leather ones, and still less expensive, and the pad may be made with less labor.

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

A metallic pad-billet, B, having the buckle E attached, as shown, and secured to the leather strap A by the screws C C, substantially as shown and described.

LYDIA HAYS.

Witnesses:

IRA TOMKINS,

MARSHALL HEMSTREET.