

(No Model.)

M. C. HAYES.  
HALTER FASTENER.

No. 297,259.

Patented Apr. 22, 1884.

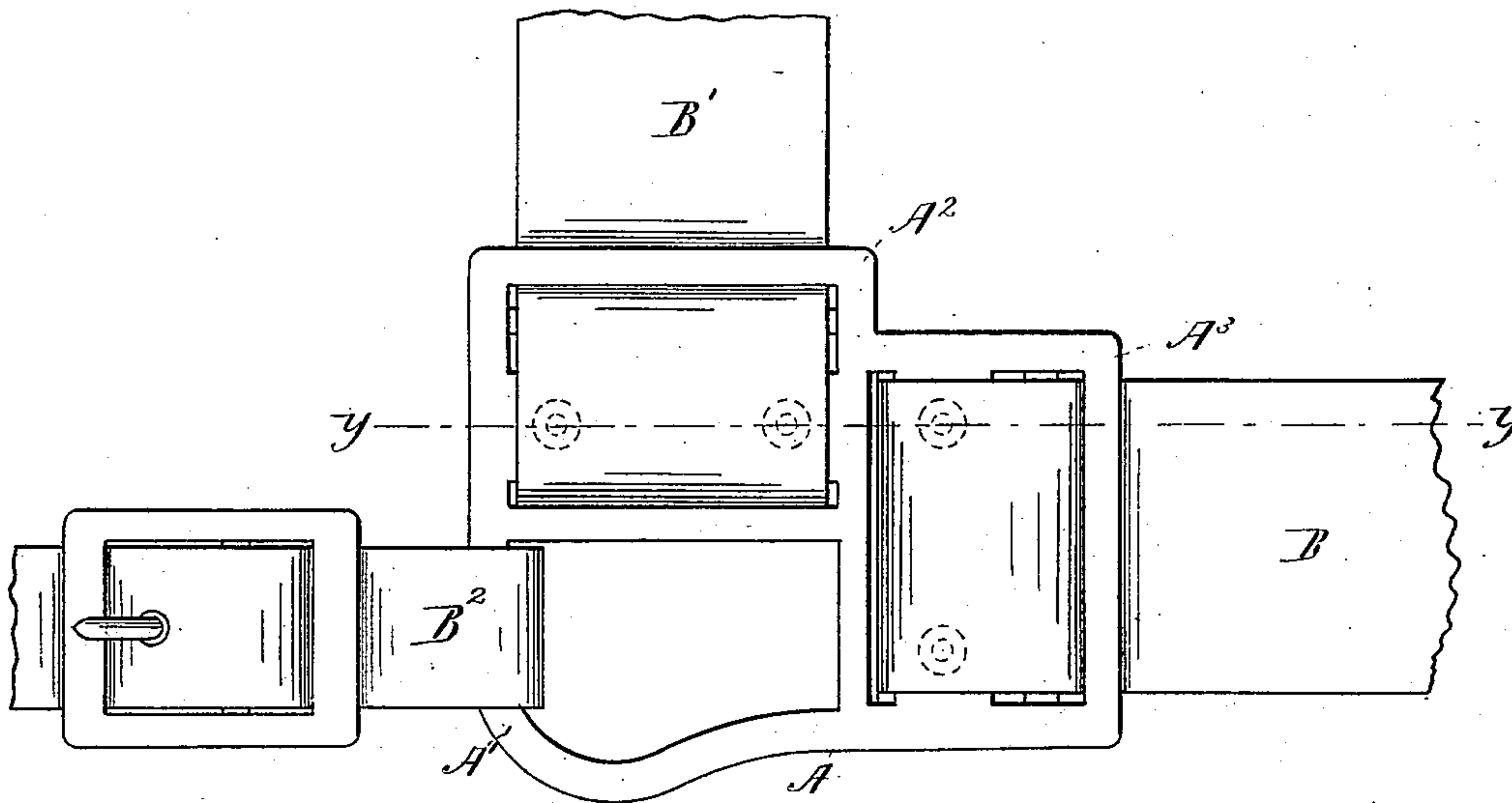


FIG. 1.

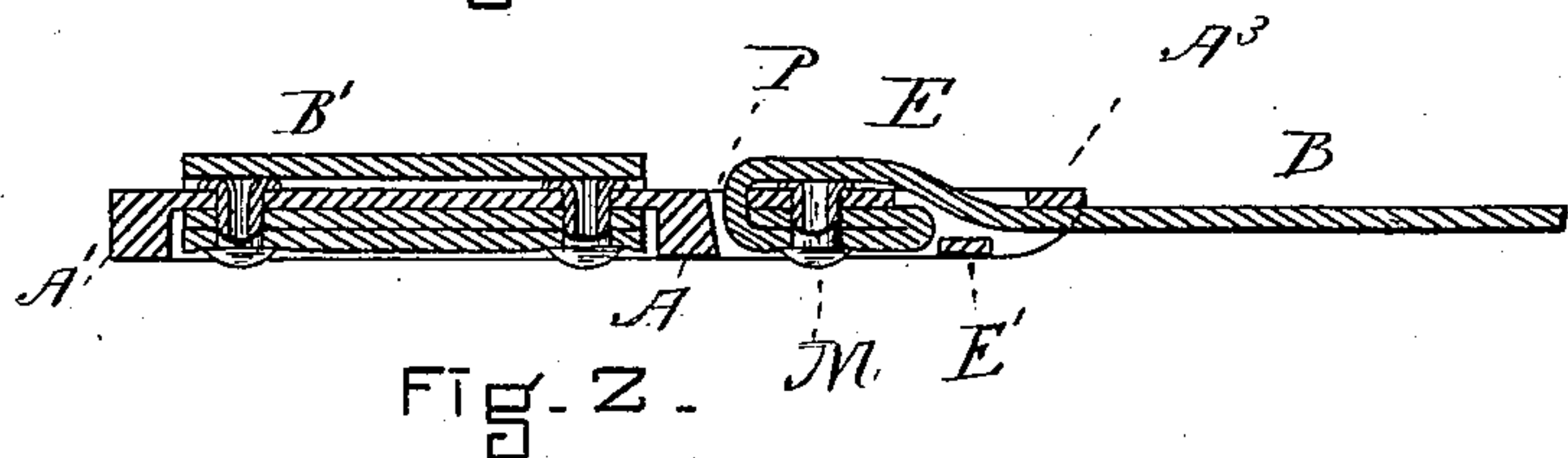


FIG. 2.

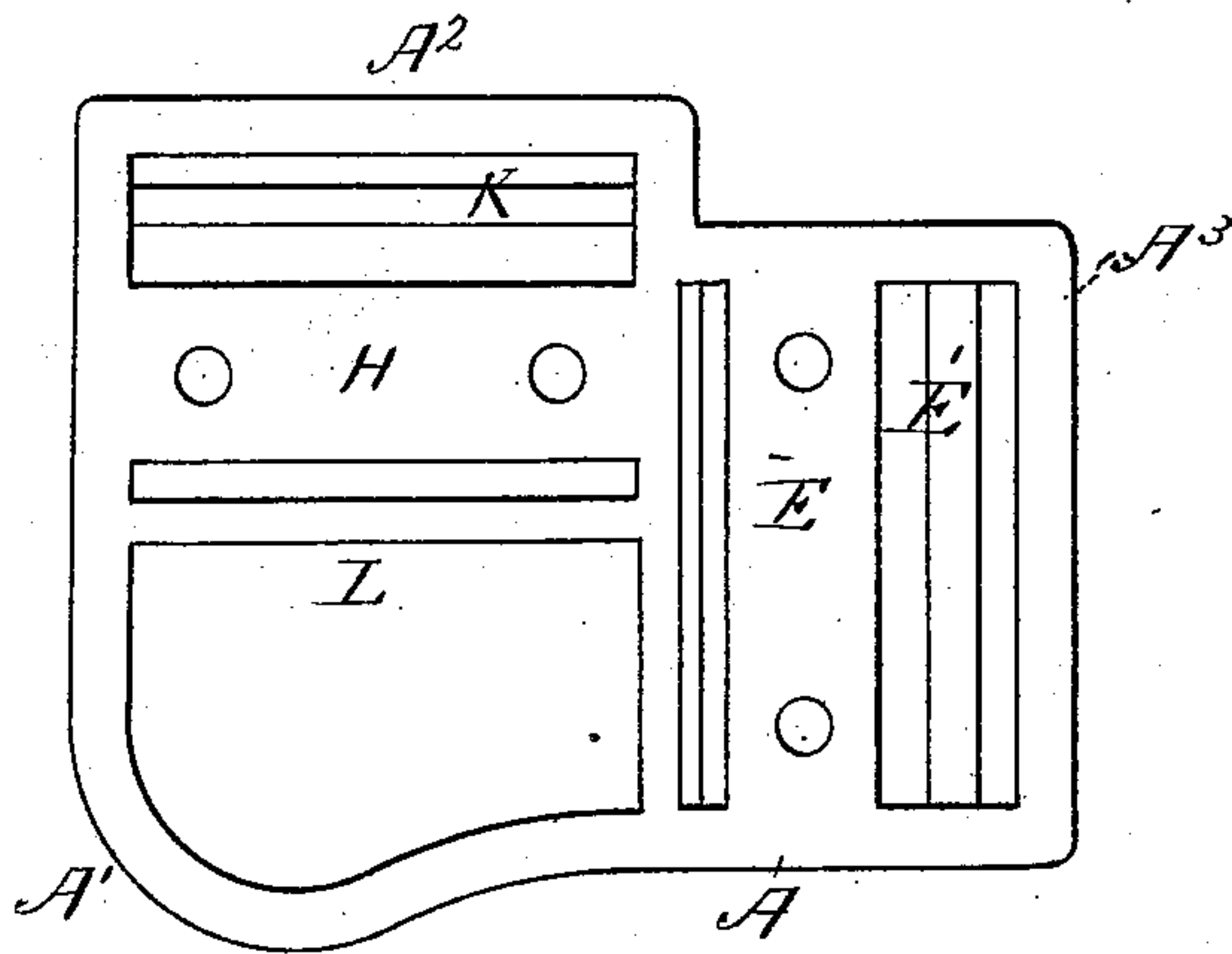


FIG. 3.

WITNESSES

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# UNITED STATES PATENT OFFICE.

MICHAEL C. HAYES, OF BOSTON, MASSACHUSETTS.

## HALTER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 297,259, dated April 22, 1884.

Application filed January 7, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, MICHAEL C. HAYES, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Halter-Fasteners, of which the following is a specification.

My invention relates to that class of halters in which the straps composing it are united by metallic connections, the object being to simplify and improve the method of connecting the several straps. I attain this object by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a plan showing the metal piece with the several straps attached. Fig. 2 is a section taken on line *y y* of Fig. 1. Fig. 3 is a plan showing the metallic connecting-piece alone.

The complete metallic connecting-piece is shown in Fig. 3, and has three bars—viz.,  $A' A^2 A^3$ —for determining the draft-line of the straps of the halter. This piece has also two bars, E and H, Fig. 3, to which the ends of

the straps B and B', Fig. 1, are riveted. The other members—viz., E', K, and L—of my metallic connecting-piece serve as retaining-bars.

The method of attaching the straps B and B' is shown in detail in Fig. 2, as the end is doubled and riveted to the part E by the rivet M; then the strap B is passed upward through the opening P, over the piece E, and downward between the bar E' and  $A^3$ , as shown. The strap B' is fastened in precisely the same manner. The third strap, B<sup>2</sup>, is looped and buckled on in the usual manner.

I claim—

In a halter, a metallic fastener cast in one piece, consisting of the line-bars  $A' A^2 A^3$ , the fastening-bars E and H, and the retaining-bars K, L, and E', all arranged to operate together substantially as described, and for the purpose set forth.

MICHAEL C. HAYES.

Witnesses:

HELEN M. FEEGAN,  
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