

A. L. McQUARY.
HARNESS-BUCKLE.

No. 195,299.

Patented Sept. 18, 1877.

Fig. 1.

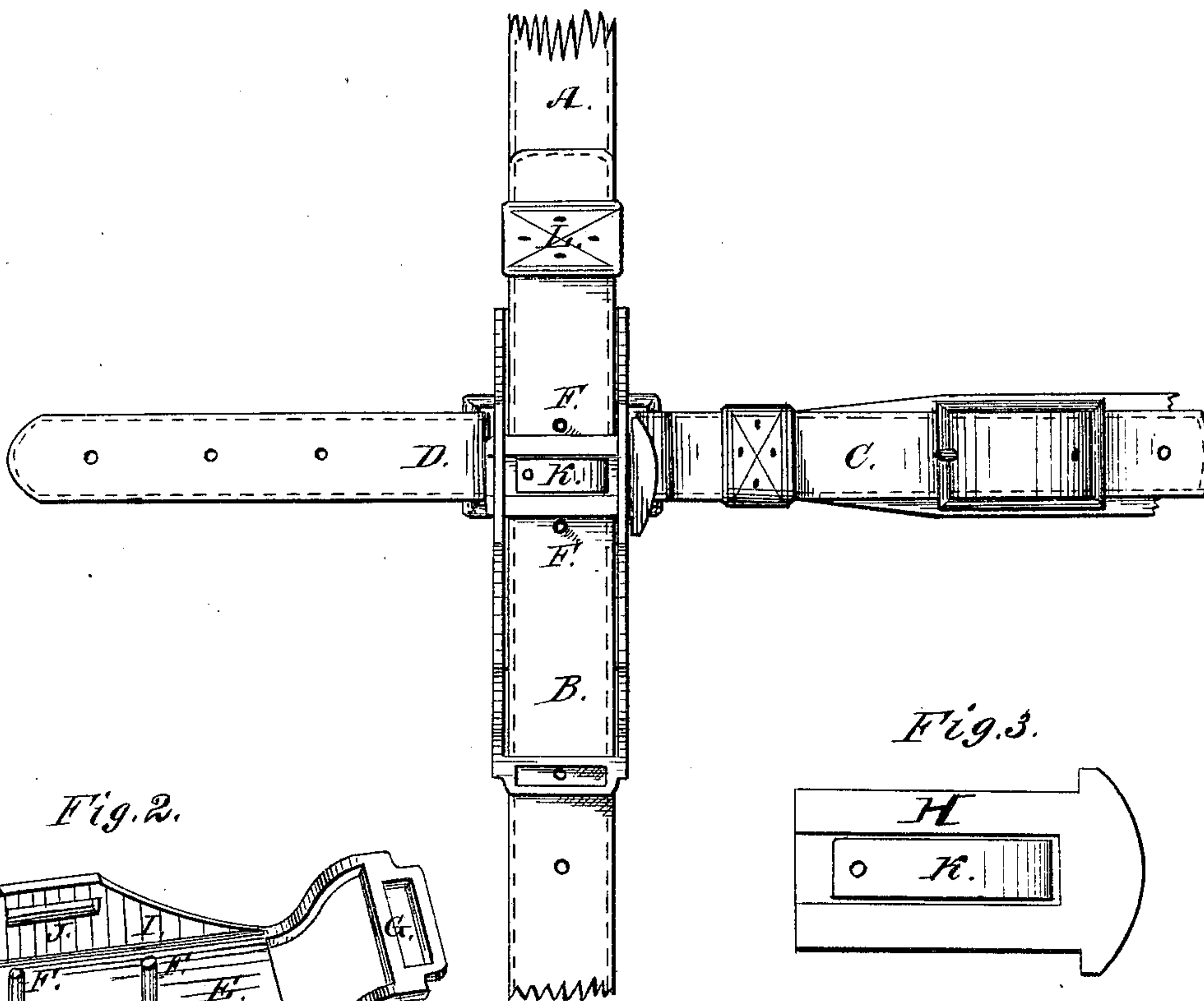


Fig. 2.

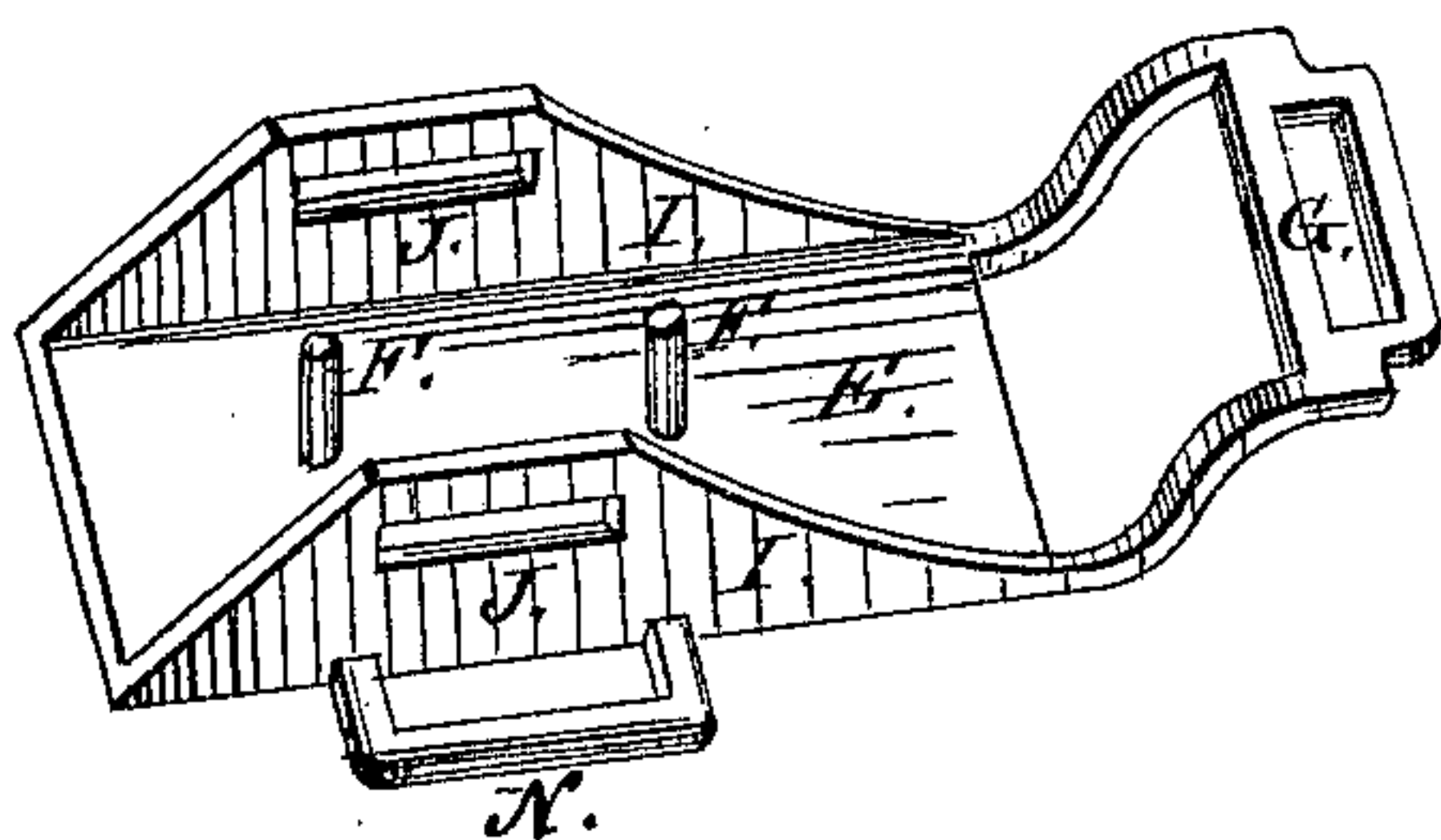


Fig. 3.

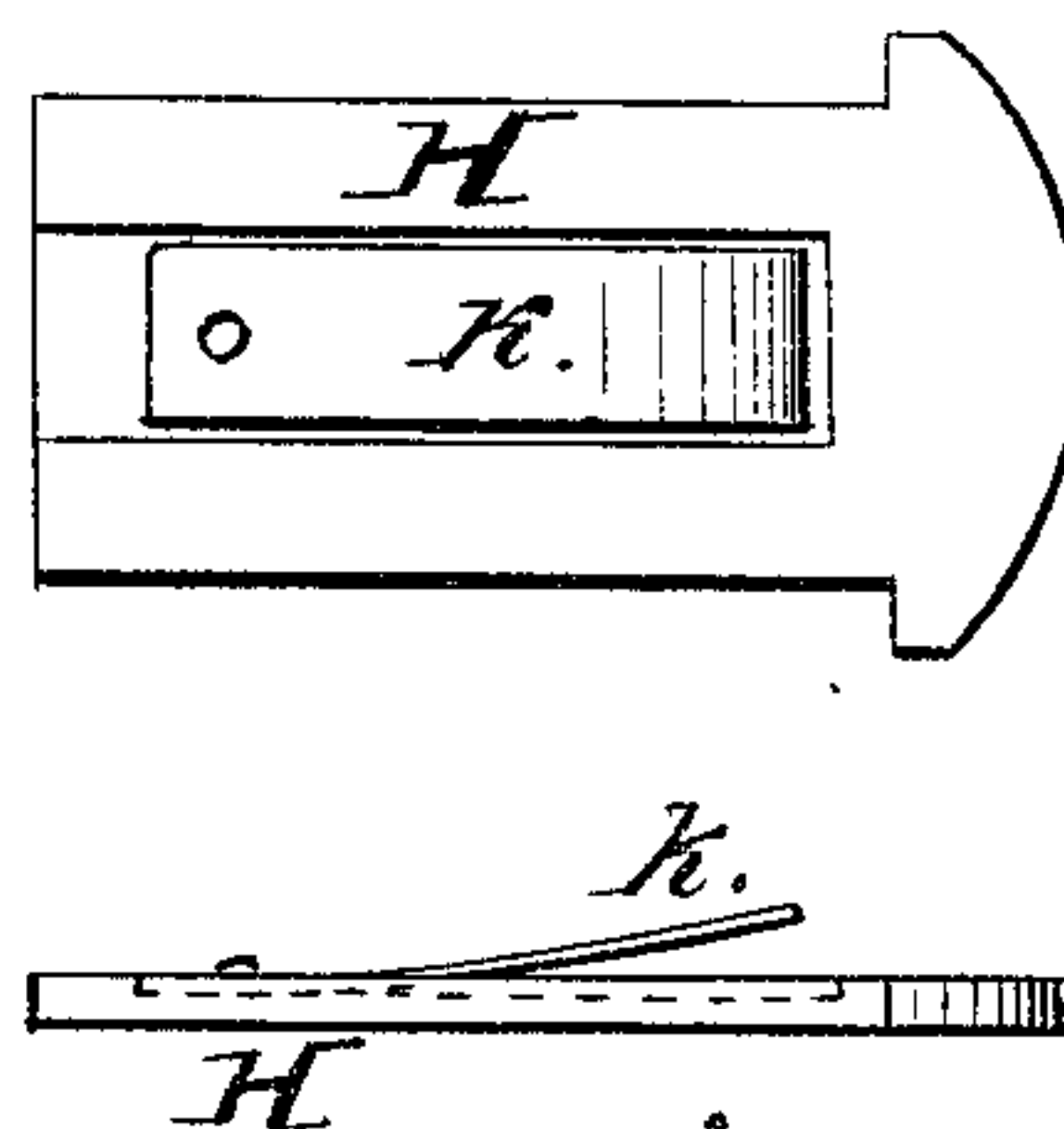
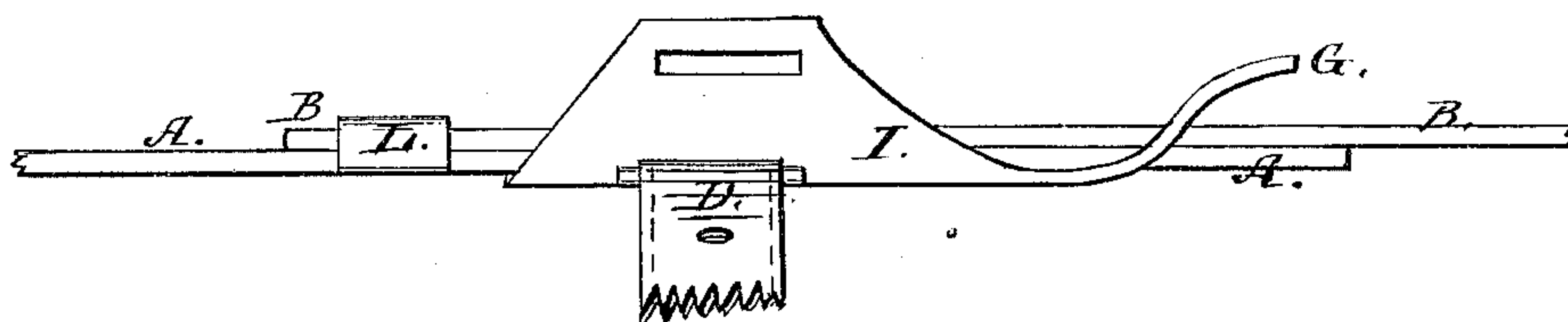


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

ALLEN L. McQUARY, OF LA BELLE, MISSOURI.

IMPROVEMENT IN HARNESS-BUCKLES.

Specification forming part of Letters Patent No. **195,299**, dated September 18, 1877; application filed November 15, 1875.

To all whom it may concern:

Be it known that I, ALLEN LUCIAN McQUARY, of La Belle, in the county of Lewis and State of Missouri, have invented certain Improvements in Harness, of which the following is a specification:

The object of my invention is to provide a means whereby the backband and belly-band may be moved toward or from the hames, to suit the animal upon which they are to be used. This consists in the regulating of the hame-tug, in combination with the regulating of the trace, by means of a double pin-buckle, with a key passing through loops in the sides of the buckle, and between the pins, for which it forms a brace, and holds the hame-tug and trace in their place, they coming together on the inside of the buckle in such a manner as to form almost a solid splice, and allowing the buckle to remain perfectly smooth on the side next to the animal.

I will now proceed to explain the construction and operation of my invention, referring to the drawing, which forms a part of this specification.

Figure 1 is the buckle and key in position, with hame-tug, trace, backband, and belly-band. Fig. 2 is the buckle formed in one metallic piece, of substantially the same form as shown in the drawing. Fig. 3 is the metallic key, with an upright spring in the center, of substantially the same form as shown in the drawing.

A is the hame-tug, extending from the hame to the buckle, with a loop, L, to receive the end of the trace B. C is the backband, and D is a strap to be buckled into the belly-band. E is a metallic base-plate, with two pins, F F,

near the center, which pass through any two of a series of holes in the hame-tug A which lie nearest the plate E, thus moving the backband C and the strap D either toward or from the hames, to fit the animal upon which they are to be used. The pins also pass through any two of the holes in the trace B after passing the trace under the breeching-loop G, then over the hame-tug into the loop L. I I are metallic side plates, one on each side of the plate E, which form the sides of the buckle-frame, and are provided with loops J J, through which the key H may pass from either side of the buckle, resting between the pins F F, for which it forms a brace, and holds the hame-tug A and trace B on the pins in the buckle. K is the spring, fastened at the lower end of the key H to hold the key in place. N N is a loop on each side of the buckle at the lower edge of the plates I I, one to receive the belly-band strap D, the other to receive the backband C.

I make no claim to the mode in which the backband and belly-band are secured to the buckle, nor to the breeching-loop G, for I am aware these are not new.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the plate E provided with two pins, F F, the side plates I I provided with loops J J, and the key H provided with the spring K, and transversely applied to the plates I I, substantially as and for the purposes hereinbefore set forth.

ALLEN LUCIAN McQUARY.

Witnesses:

H. C. EAGON,
H. B. BROWN.