

(No Model.)

J. HOSACK.
HARNESS BUCKLE.

No. 277,901.

Patented May 22, 1883.

Fig 1

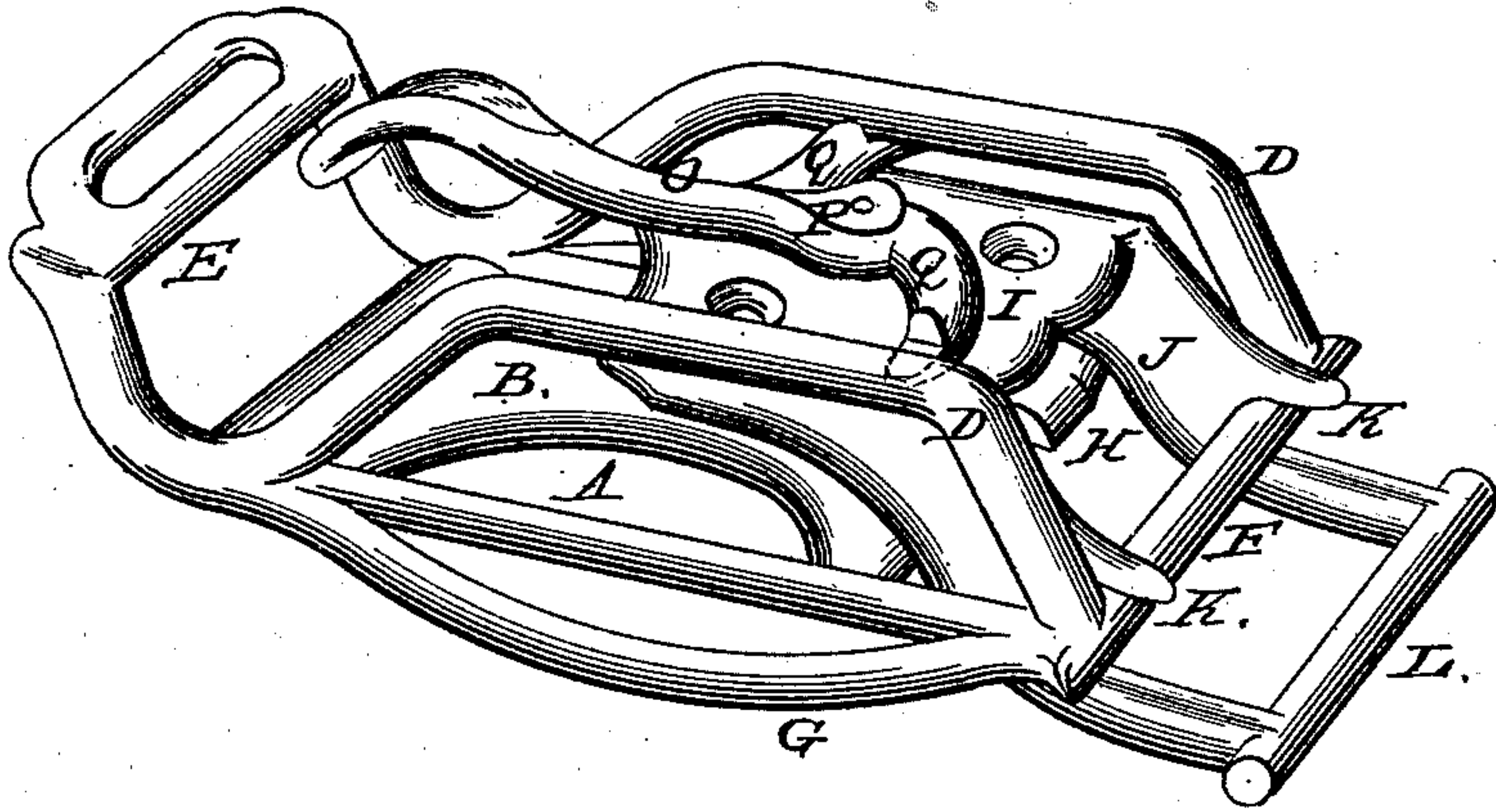


Fig 2

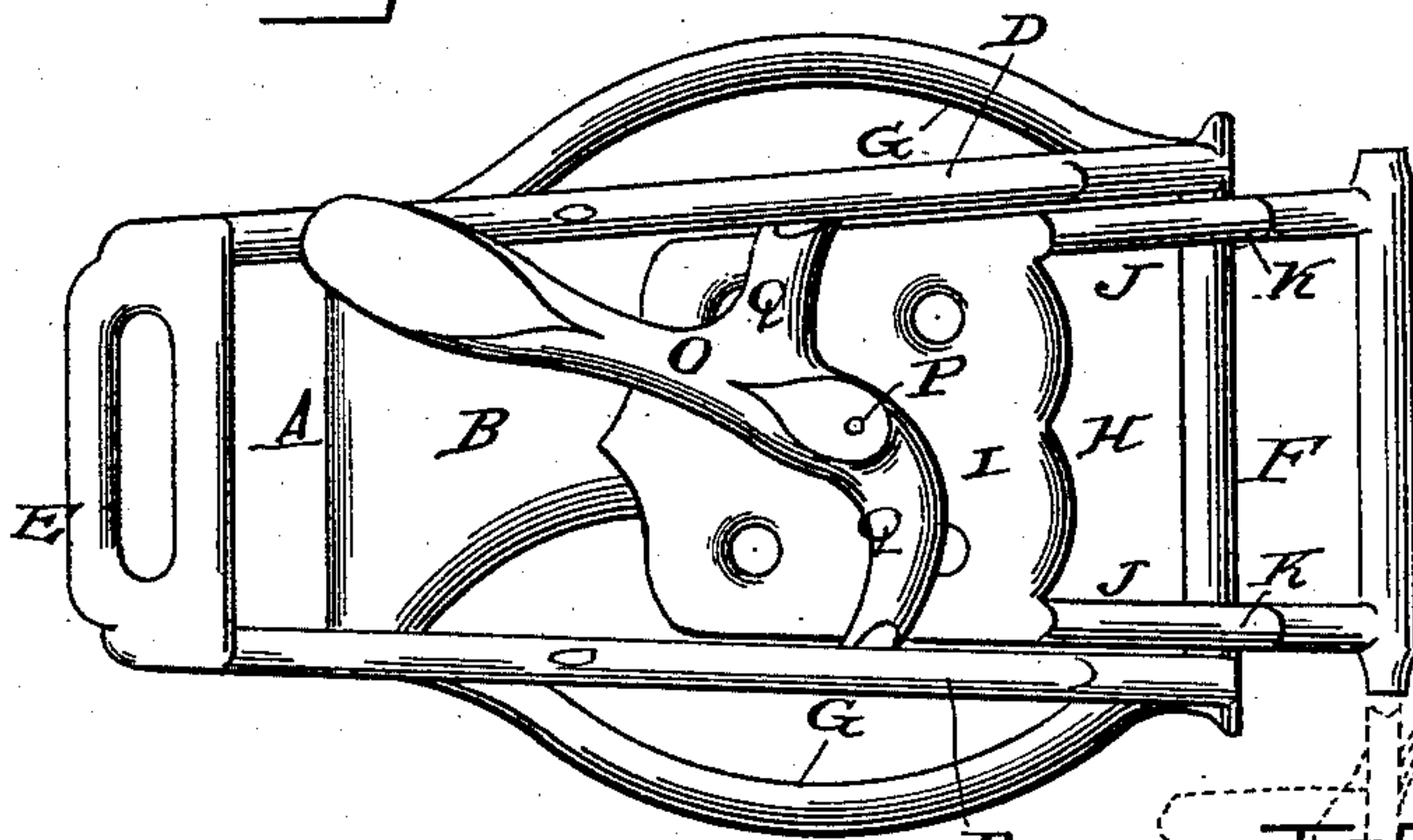


Fig 4

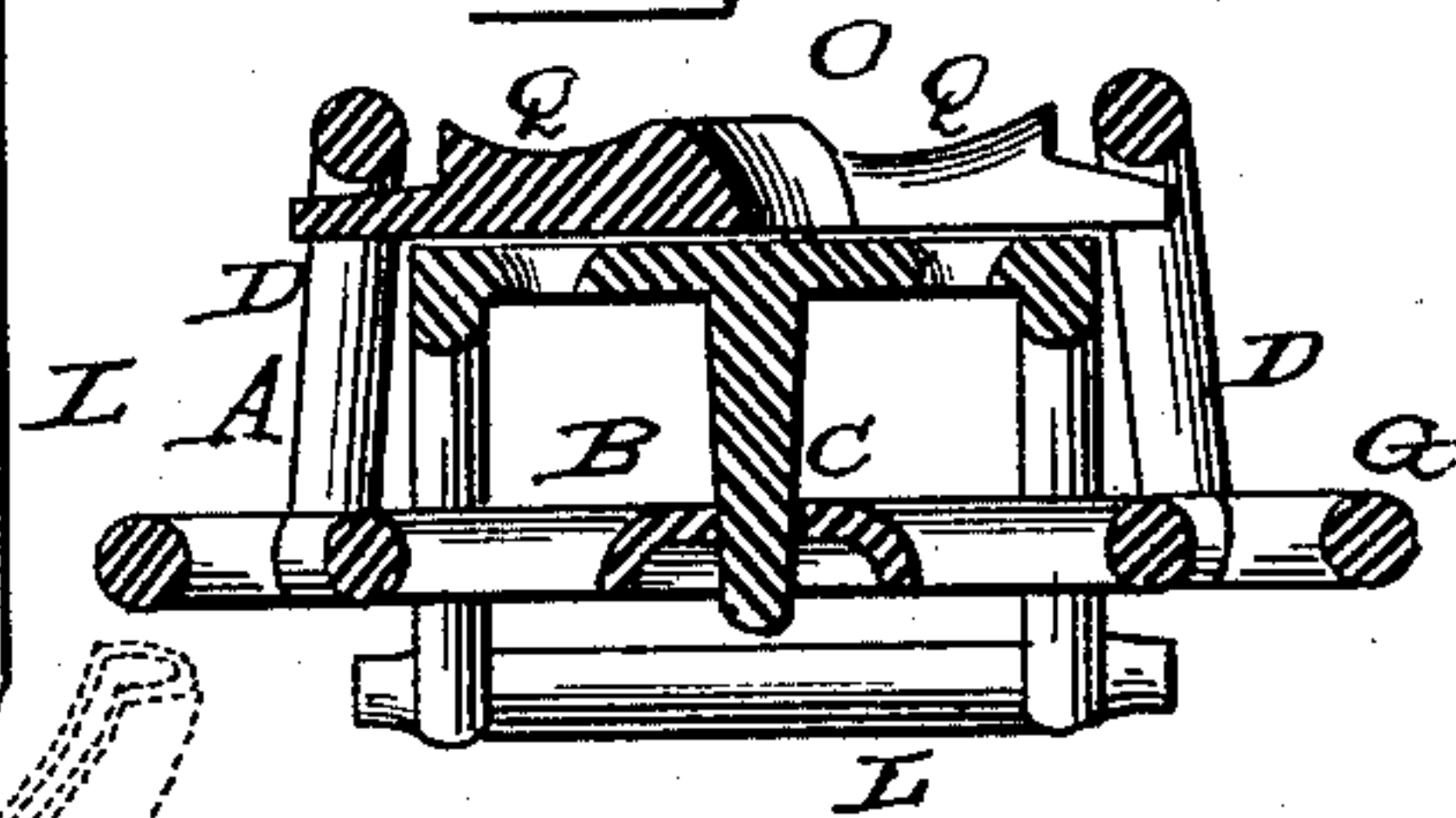


Fig 3

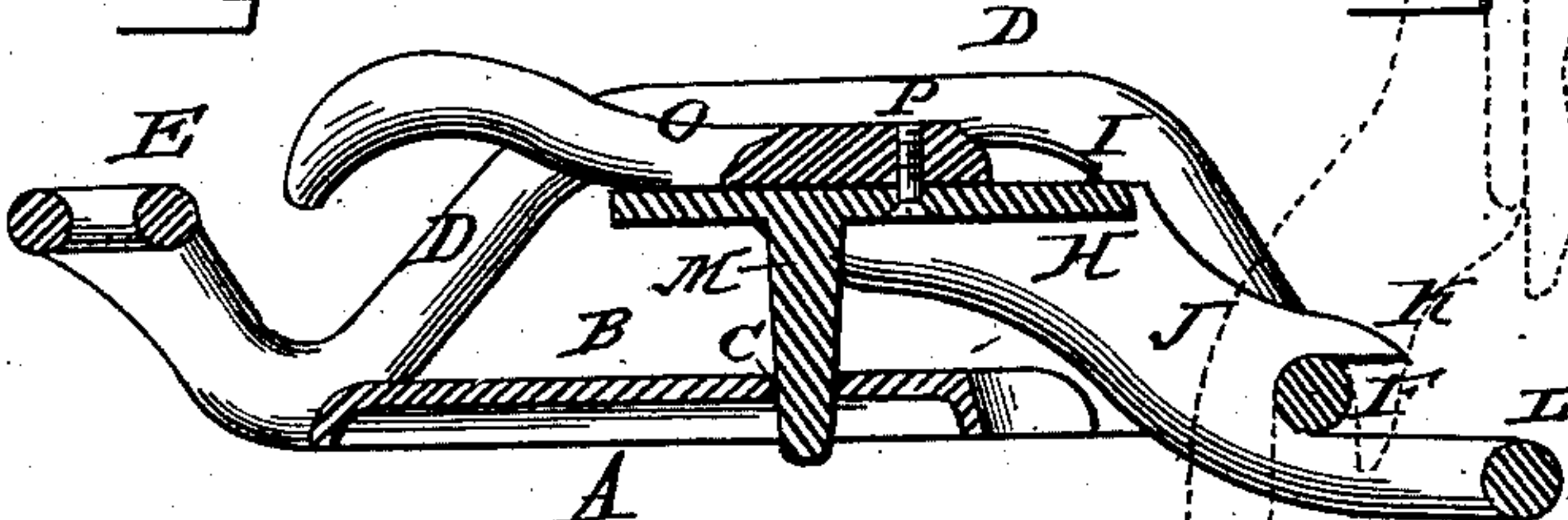
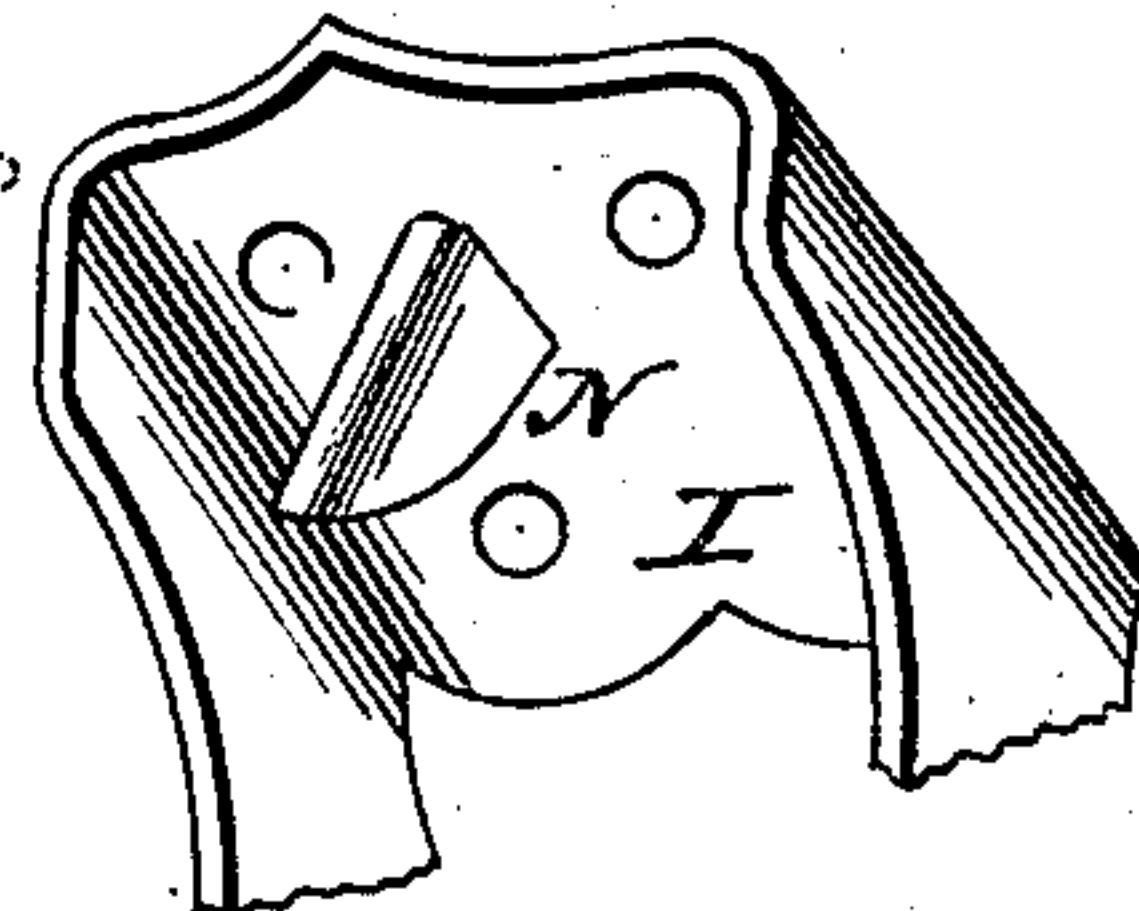


Fig 5



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN HOSACK, OF RAYMOND'S, OHIO.

HARNESS-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 277,901, dated May 22, 1883.

Application filed March 19, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN HOSACK, a citizen of the United States, residing at Raymond's, in the county of Union and State of Ohio, have
5 invented a new and useful Harness-Buckle, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to buckles, and is especially adapted for use as a harness-tug
10 buckle. It has for its object to provide a buckle of a simple, inexpensive, and strong construction, which will possess superior efficiency and can be conveniently operated.

In the drawings, Figure 1 is a perspective
15 view of a buckle embodying my improvements. Fig. 2 is a top view of the same. Fig. 3 is a longitudinal sectional view thereof. Fig. 4 is a transverse sectional view. Fig. 5 is a detail perspective view, illustrating another form of
20 tongue.

Referring to the drawings, A designates the main frame of my improved buckle, which frame comprises a bottom plate, B, having a tongue-perforation, C, side loops, D D, projecting up from the face of the bottom plate,
25 B, an end loop, E, and a cross-bar, F, at its other end. Lateral loops G G may be provided for the attachment of the back-band and belly-band when the buckle is used as a harness-tug.
30

H is the tongue plate or piece, which comprises a main plate, I, which is received between the side loops, D D, and arms or extensions J J, having hooks or projections K K,
35 that engage the cross-bar F when the buckle is in use, the said arms J J being received down between the bar F and the end of the bottom plate, B. The arms J J are preferably connected by a cross-piece, L, at their ends,
40 to strengthen the arms and prevent the removal of the same from between the bar F and the end of the bottom plate of the buckle-frame. From the under side of the plate I project the tongue M, which may be of any suitable construction, (a plain cylindrical pin, such as shown
45 in Fig. 3 of the drawings, being preferably used; but a flat tongue, N, such as shown in Fig. 5 of the drawings, is sometimes used,) and is received by the perforation C of the plate B.

50 O is a lever that is fulcrumed to the plate I,

as shown at P, on its outer face, and is provided with divergent arms Q Q, that project under the side loops, D D, when the lever O is operated, and clamp or bind the tongue-plate
55 securely down in locked position. This lever has only to be turned in the opposite direction to disengage the arms Q Q from the loops D D, when the said lever O will serve as a handle to lift the tongue-plate up to the position shown
60 in dotted lines, Fig. 3, of the drawings, in unbuckling.

The operation, attachment, and advantages of my improved buckle are obvious. When used as a tug-buckle the hame-tug is to be attached to the cross-piece L, while the long tug
65 or trace passes through the end loop, E, and under the tongue-plate, and into keepers on the hame-tug.

I claim as my invention—

1. As an improvement in buckles, the combination, with the main frame having the side
70 loops projecting up from its bottom, of the tongue-plate carrying the lever having the opposite divergent arms at its ends, which are arranged to project in and under the top bars
75 of the side loops when the lever is turned on its fulcrum and bear against the under side of said bar to retain the tongue-plate in position, as set forth.

2. As an improvement in buckles, the combination of the frame of the buckle, comprising the bottom plate, B, having the tongue-perforation C, side loops, D D, projecting from the bottom plate, and end cross-bar, F, the
80 tongue-plate H, having arms or extensions J J, provided with the hooks K, that engage the end cross-bar, F, and the lever O, fulcrumed on top the tongue-plate and provided with divergent arms Q Q, that are arranged to project under and bear against the side loops, D
85 D, as shown, to retain the tongue-plate in position, as set forth.
90

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JOHN HOSACK.

Witnesses:

L. B. ANTHONY,
DANIEL ZIGLER.