

(No Model.)

2 Sheets—Sheet 1.

S. S. SARGEANT.

HARNESS BUCKLE.

No. 285,434.

Patented Sept. 25, 1883.

Fig. 1.

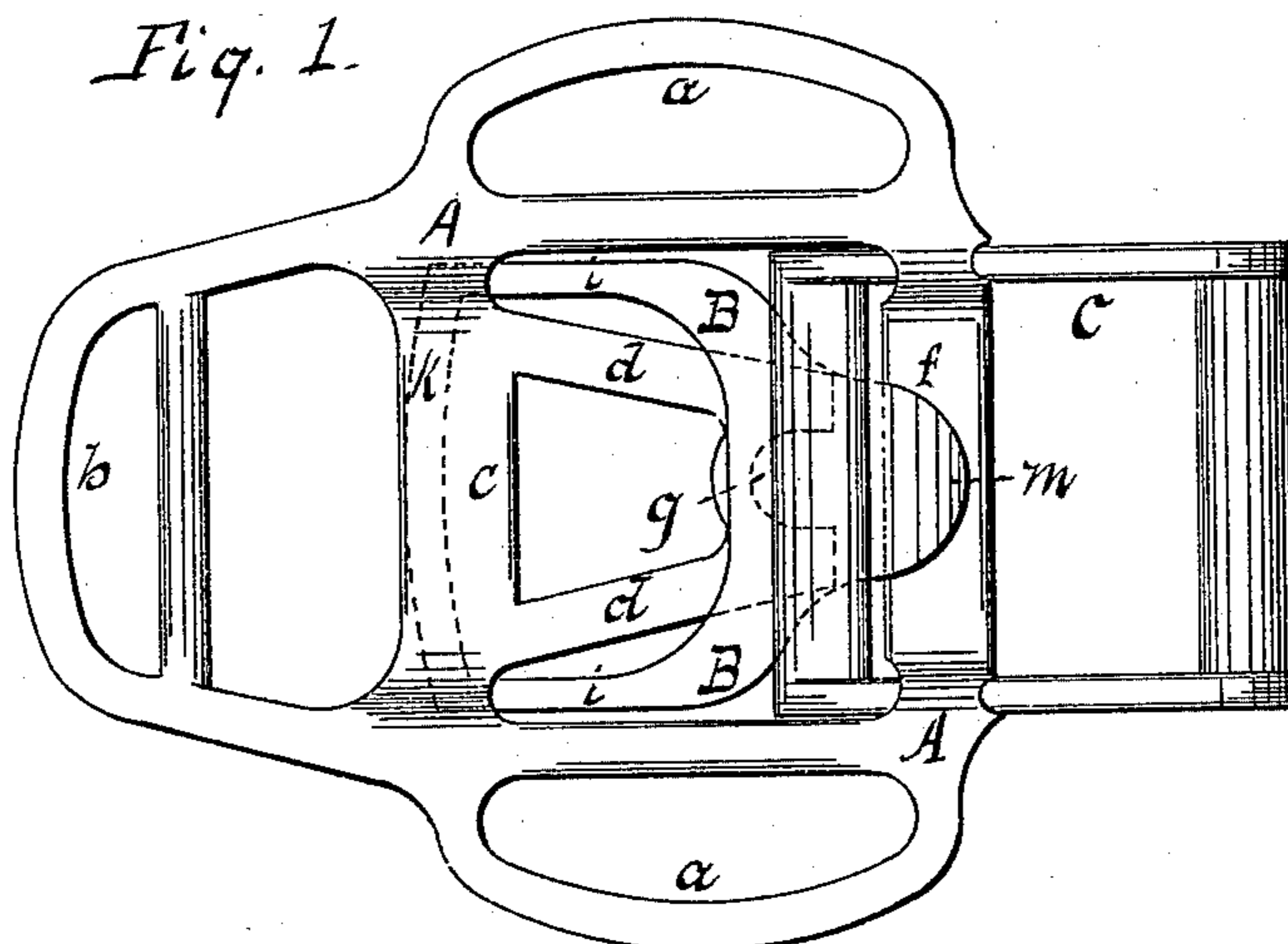


Fig. 2.

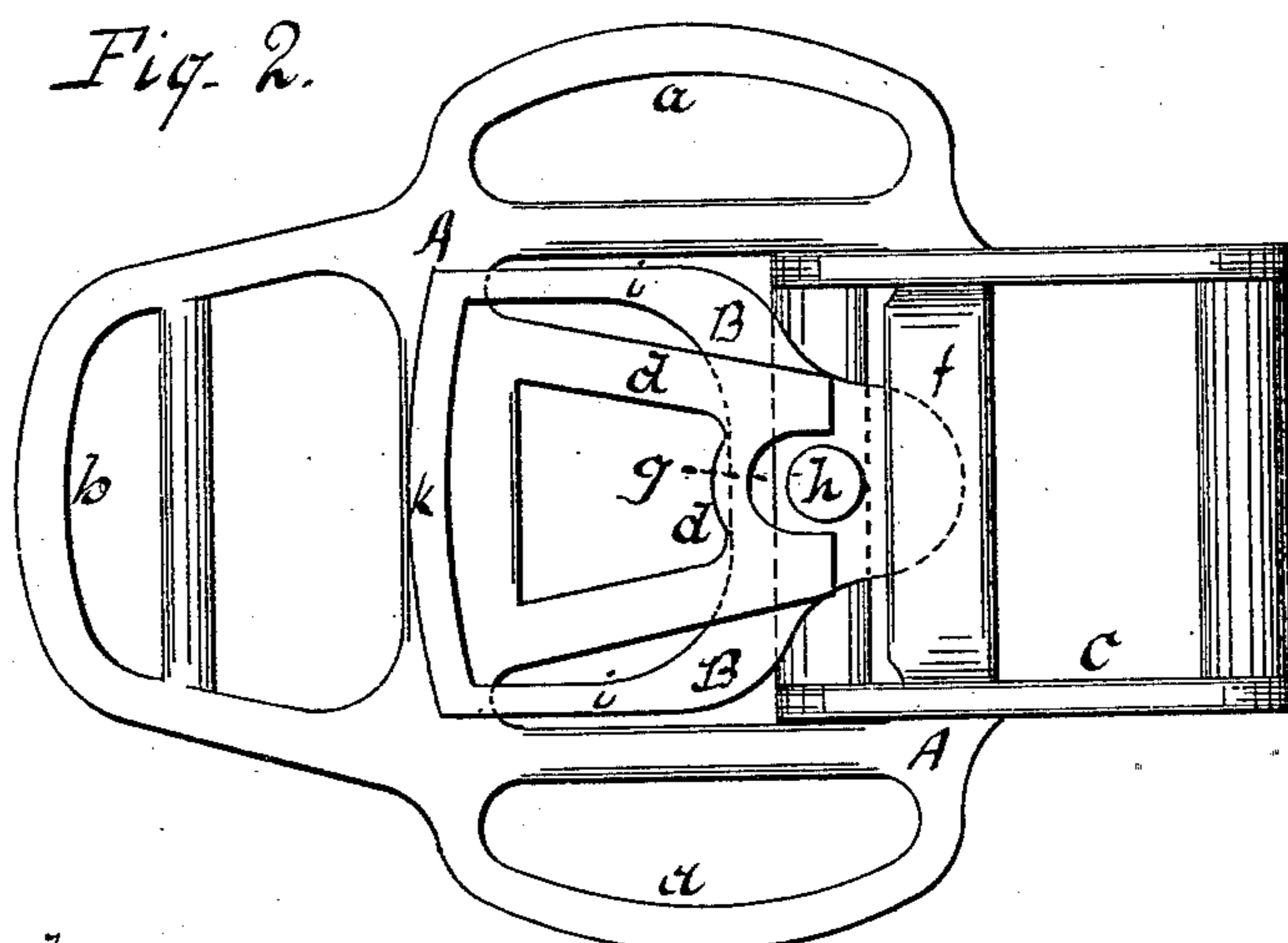
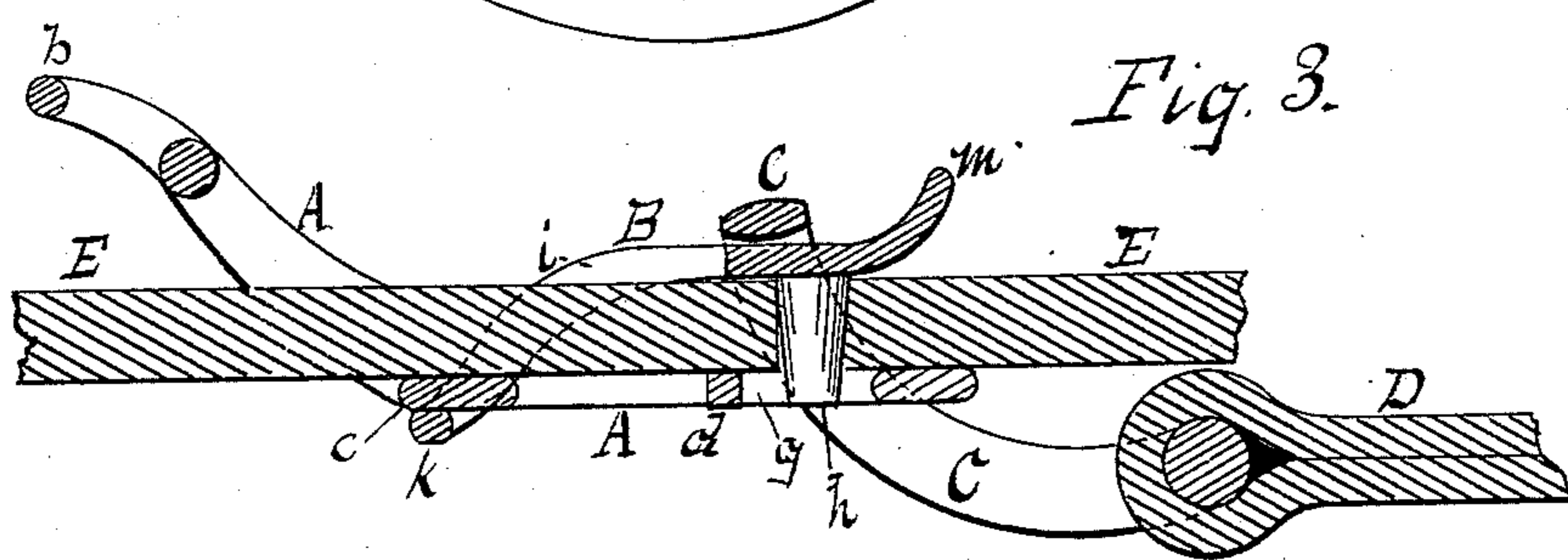


Fig. 3.



Witnesses.

F. W. Lane.

A. S. Brown.

Inventor.

Samuel S. Sargeant,

By his attorney,

A. S. Brown.

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Fig. 4.

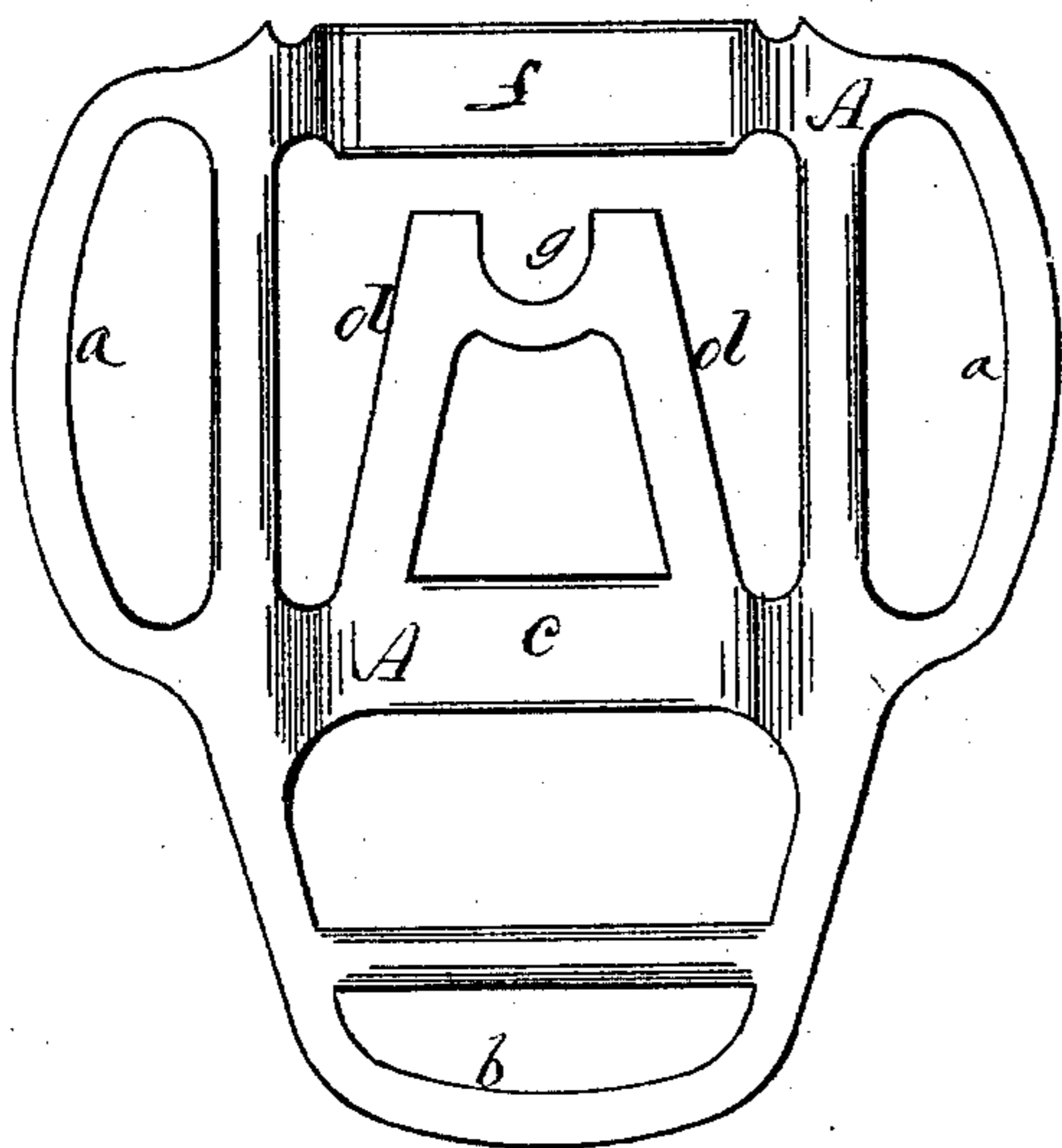


Fig. 5.

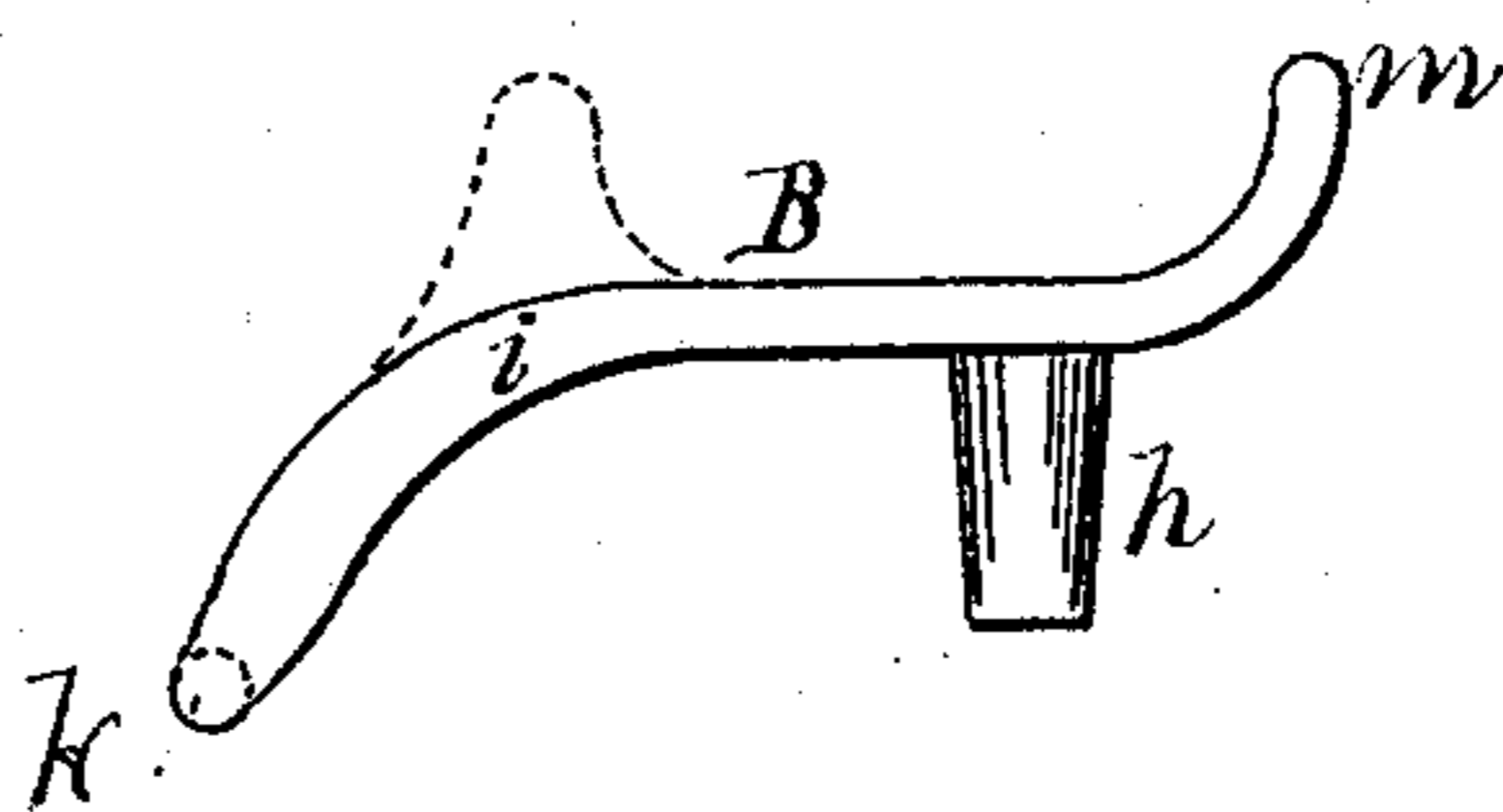


Fig. 6.

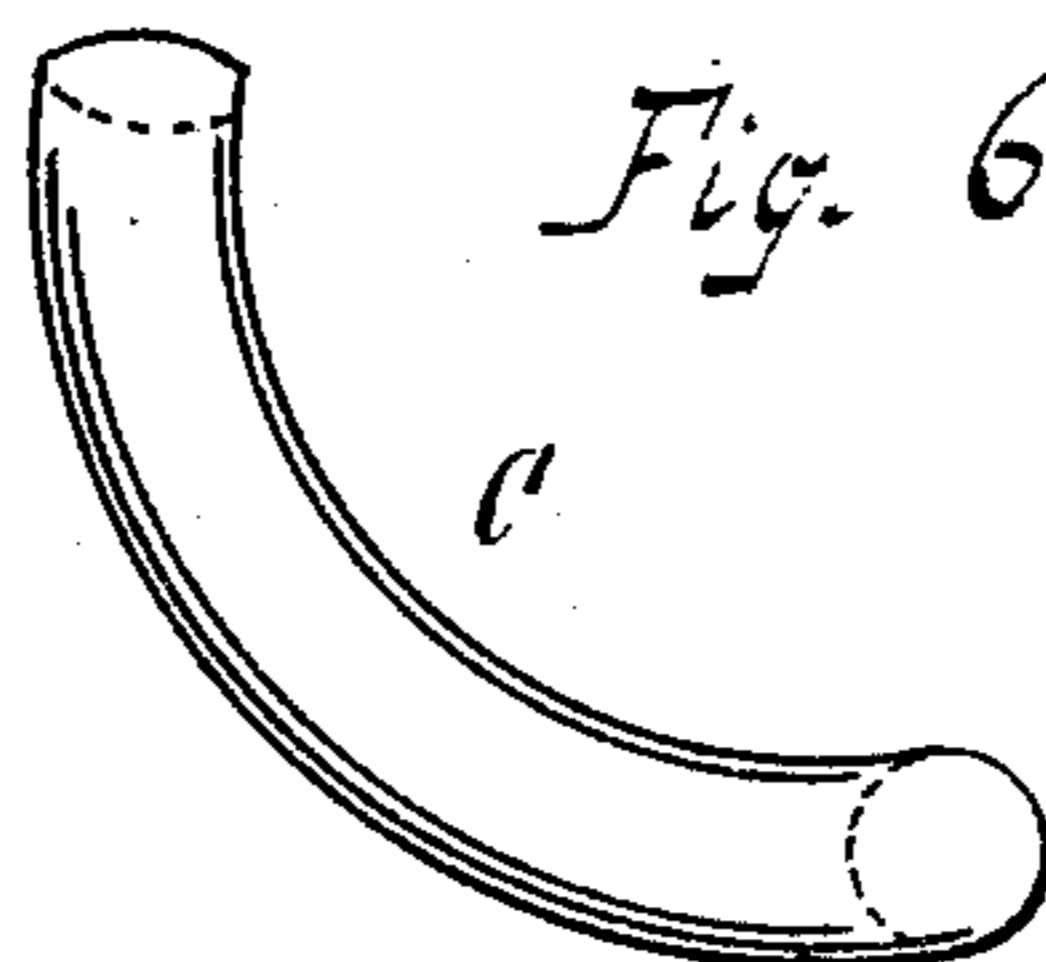
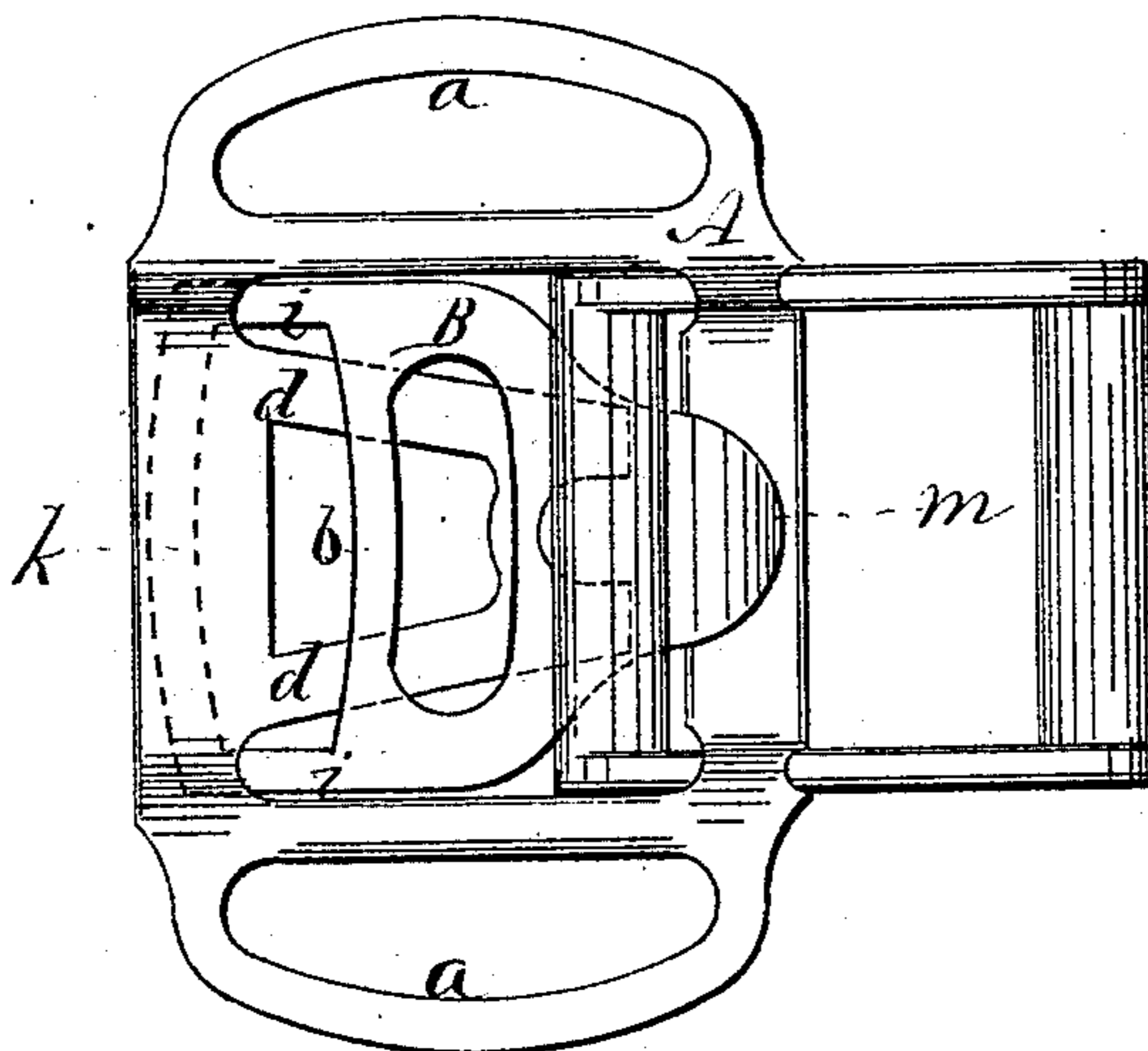


Fig. 7.



Witnesses.

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Inventor.  
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# UNITED STATES PATENT OFFICE.

SAMUEL S. SARGEANT, OF NEWARK, NEW JERSEY.

## HARNESS-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 285,434, dated September 25, 1883.

Application filed August 10, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, SAMUEL S. SARGEANT, of Newark, in the county of Essex and State of New Jersey, have invented an Improved  
5 Harness-Buckle; and I do hereby declare the following to be a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification—

10 Figure 1 being a top view of my improved buckle formed with the holdback-loop on the frame; Fig. 2, an under side view of the buckle formed as in Fig. 1; Fig. 3, a central longitudinal section of the buckle, including portions of the  
15 tug and trace; Figs. 4, 5, and 6, side views, respectively, of the frame, tongue-plate, and bail, separately; Fig. 7, a top view of the buckle formed with the holdback-loop on the sliding tongue.

20 Like letters designate corresponding parts in all the figures.

My invention consists in a peculiar construction of the frame and tongue-plate and the combination thereof, and with a bail, all substantially as hereinafter specified.

In the drawings, A represents the frame of the buckle; B, the tongue-plate; C, the bail; D, one of the tugs of a harness, and E one of the traces thereof.

30 The frame may have the usual side loops, *a*, and a holdback-loop, *b*; but the said holdback-loop may be on the tongue-plate B, as shown in Fig. 7, the loop being shown as identical with the rear cross-bar of the tongue-plate, though it may be an additional loop.

40 The frame A has a cross-bar, *c*, which is or may be at the rear end of the buckle, and from this cross-bar an arm, *d*, extends forward to within a short distance from the front bar, *f*, of the frame, being situated midway between

the sides of the frame, with spaces between and the said sides. In the forward end of the arm there is preferably a notch, *g*, into which the tongue of the tongue-plate enters, and held therein to resist the strain on the trace when the animal or team is pulling.

The tongue-plate B has a tongue, *h*, on its under side, near its front end, to enter the hole of the trace. Back of this part the side bars *i*, extend backward and inward, and terminate with a cross-bar, *k*, connecting the two. These bars embrace the cross-arm *d* of the frame A, the cross-bar *k* going under the frame, while the tongue-plate goes over the frame, as shown. The bars form a space wide enough to enable the tongue of the tongue-plate to be withdrawn from the trace, when the forward part of the tongue-plate is raised and the whole tilted to a position nearly at right angles to the trace thereby rendering it very easy to buckle and unbuckle the trace. The forward end of the tongue-plate is curved or turned upward, as shown at *m*, to keep the upper end of the bail therein. There is no peculiarity in the construction of the bail C itself.

What I claim as my invention is—

The combination of the buckle-frame A, provided with an interior projecting arm, *d*, on a cross-bar, *c*, a tongue-plate, B, with its rear cross-bar, *k*, passed beneath the said arm, and its forward bar provided with an inwardly projecting tongue, *h*, above the same arm, and a bail, C, substantially as set forth.

In testimony whereof I have signed my name in presence of two witnesses.

S. S. SARGEANT.

Witnesses:

W. H. WARNER,  
E. J. SMITH.