

G. BARTLETT.  
 ADJUSTABLE FOOT FOR LADDERS, STEPS, TRESTLES, AND THE LIKE.  
 APPLICATION FILED OCT. 5, 1908.

913,452.

Patented Feb. 23, 1909.

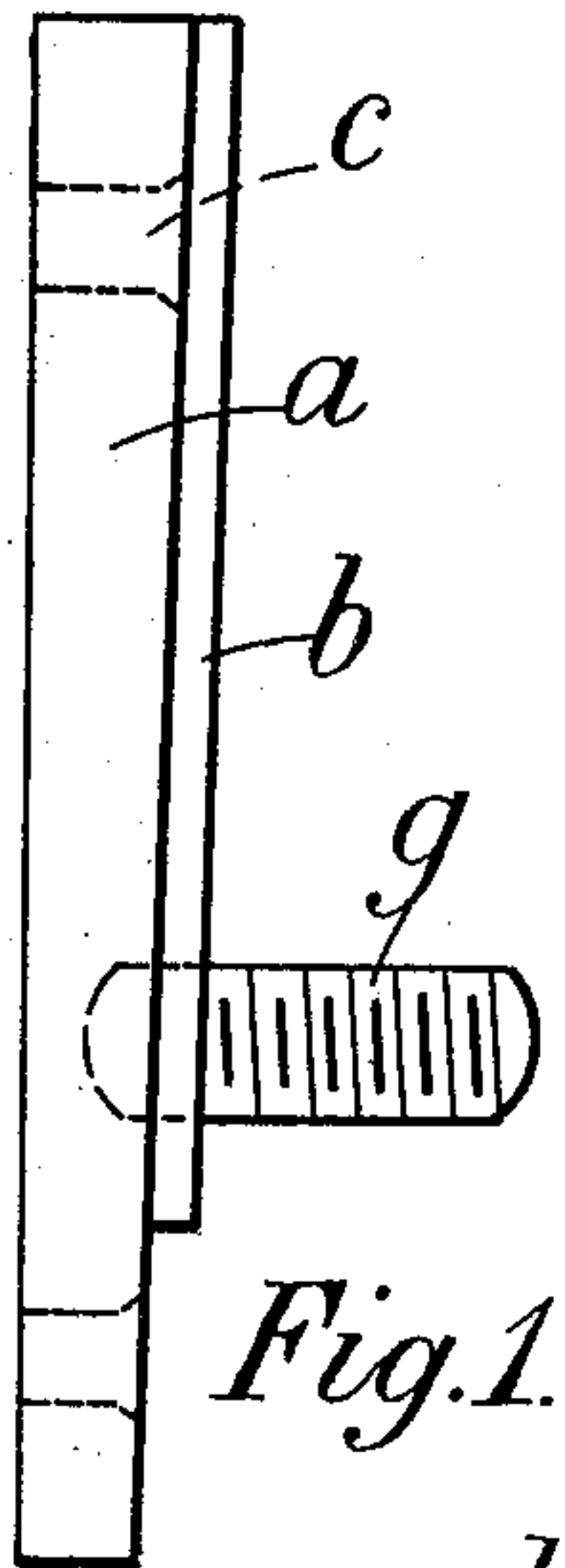


Fig. 1.

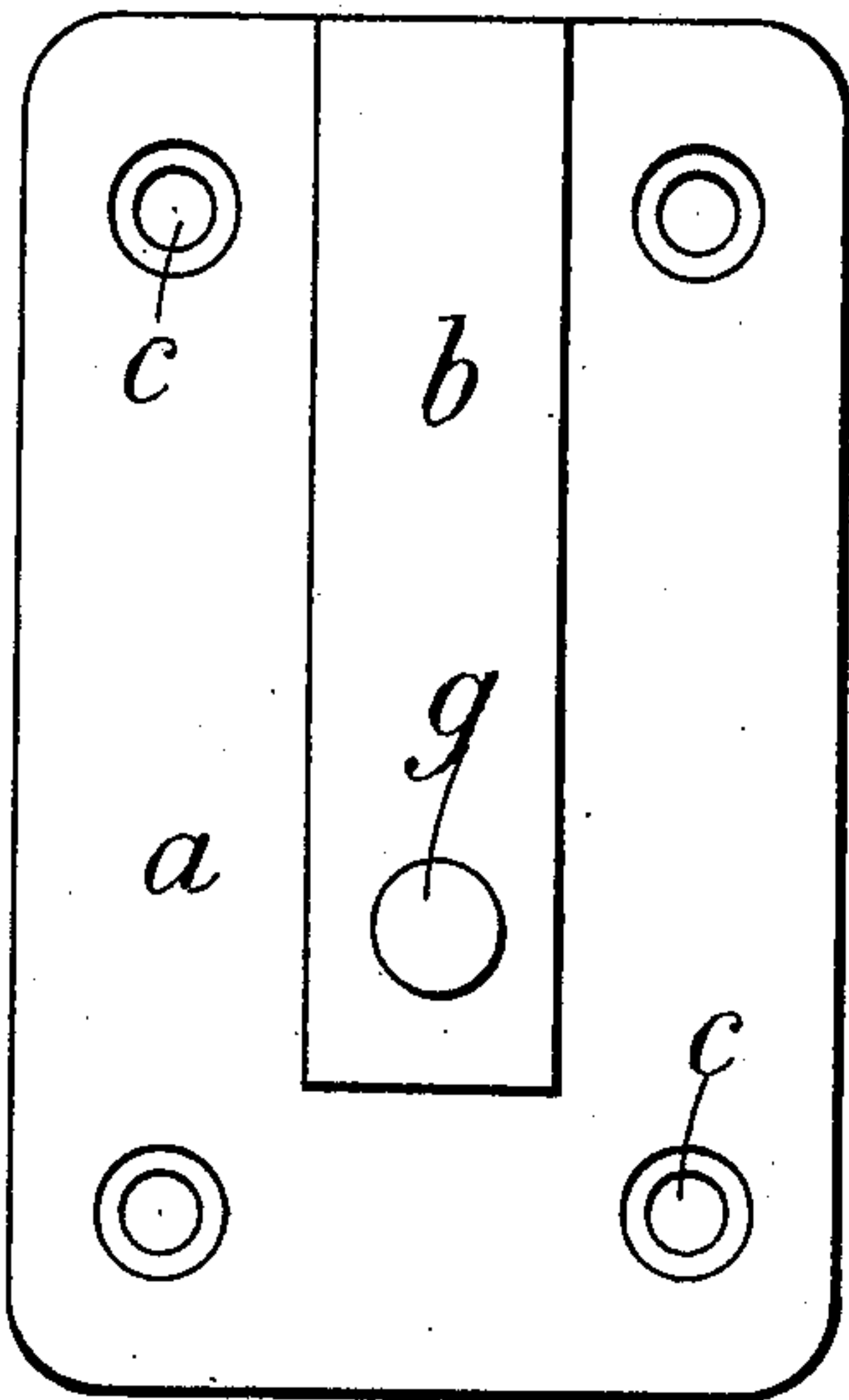


Fig. 2.

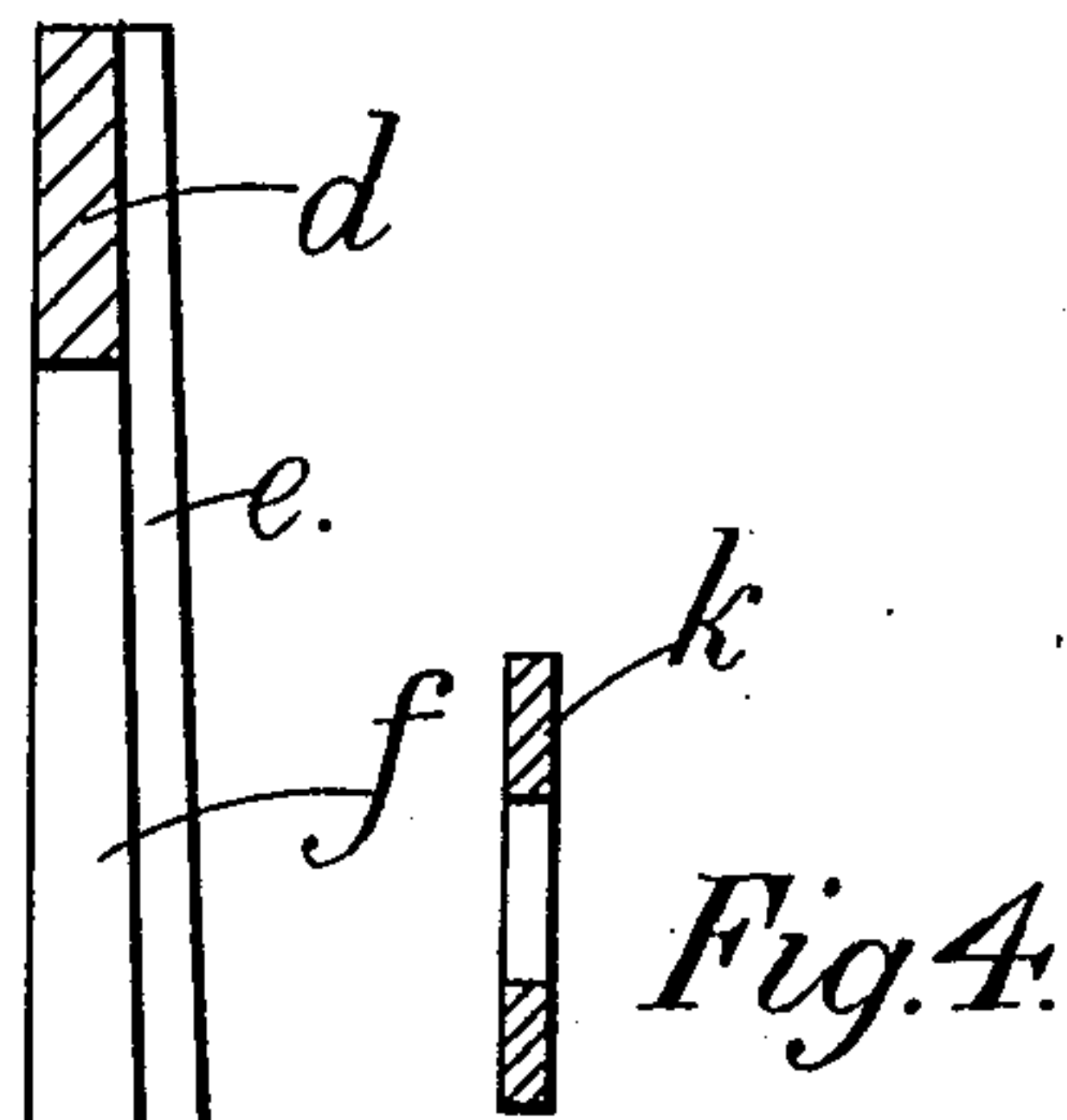


Fig. 3.

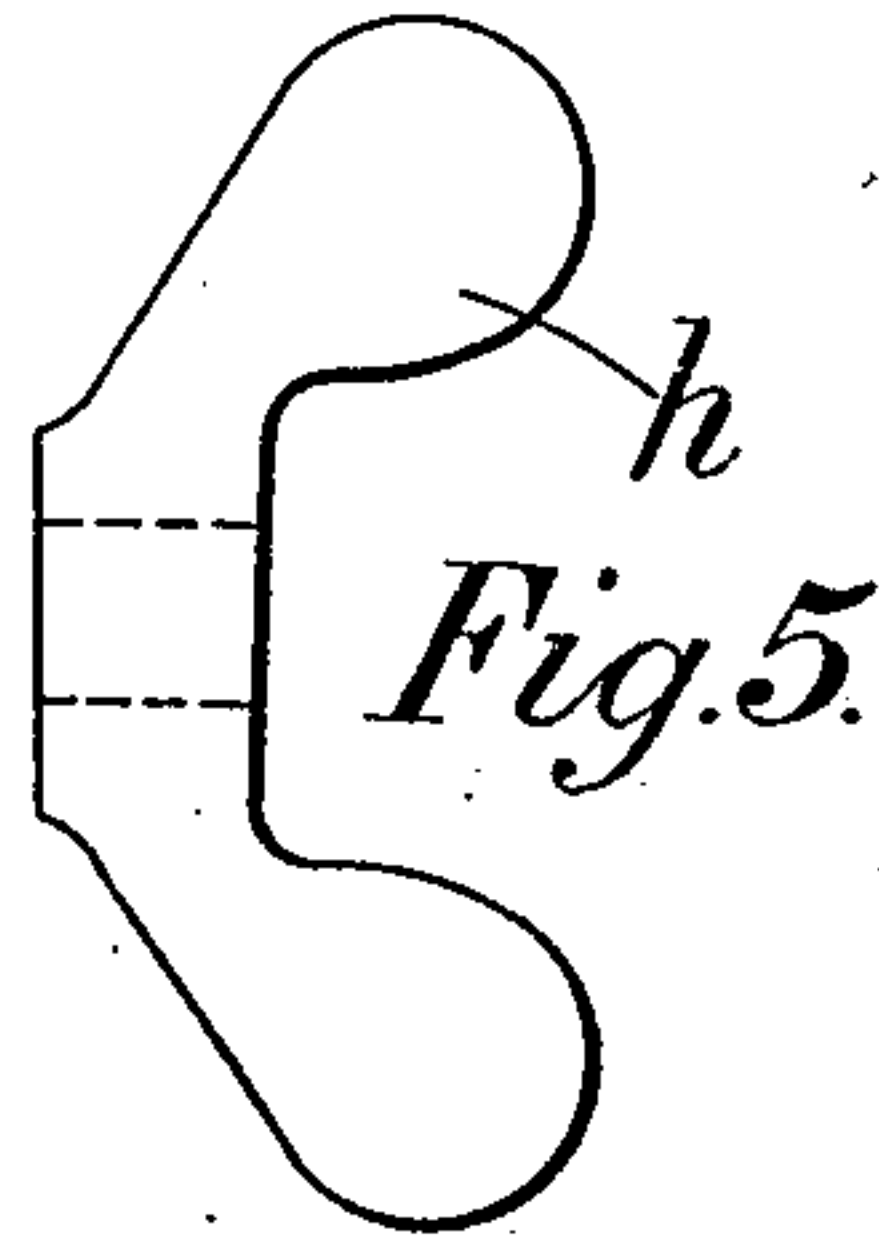


Fig. 4.

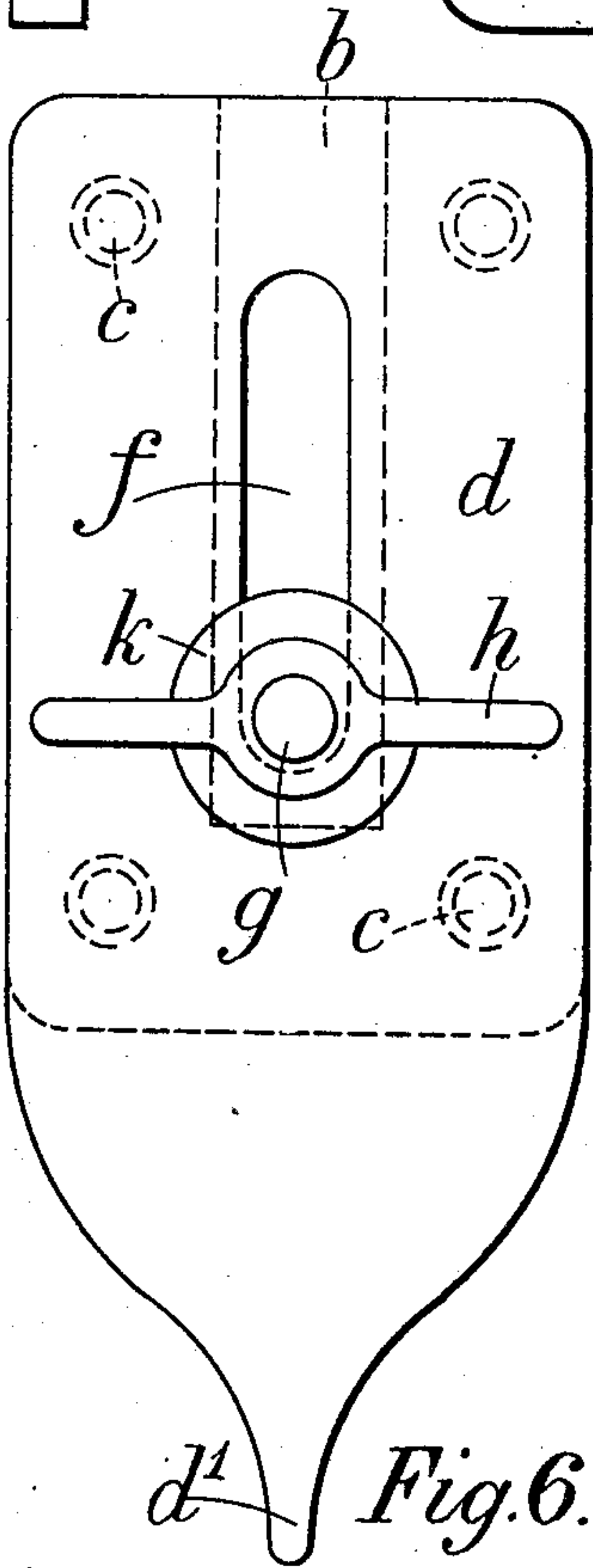


Fig. 5.

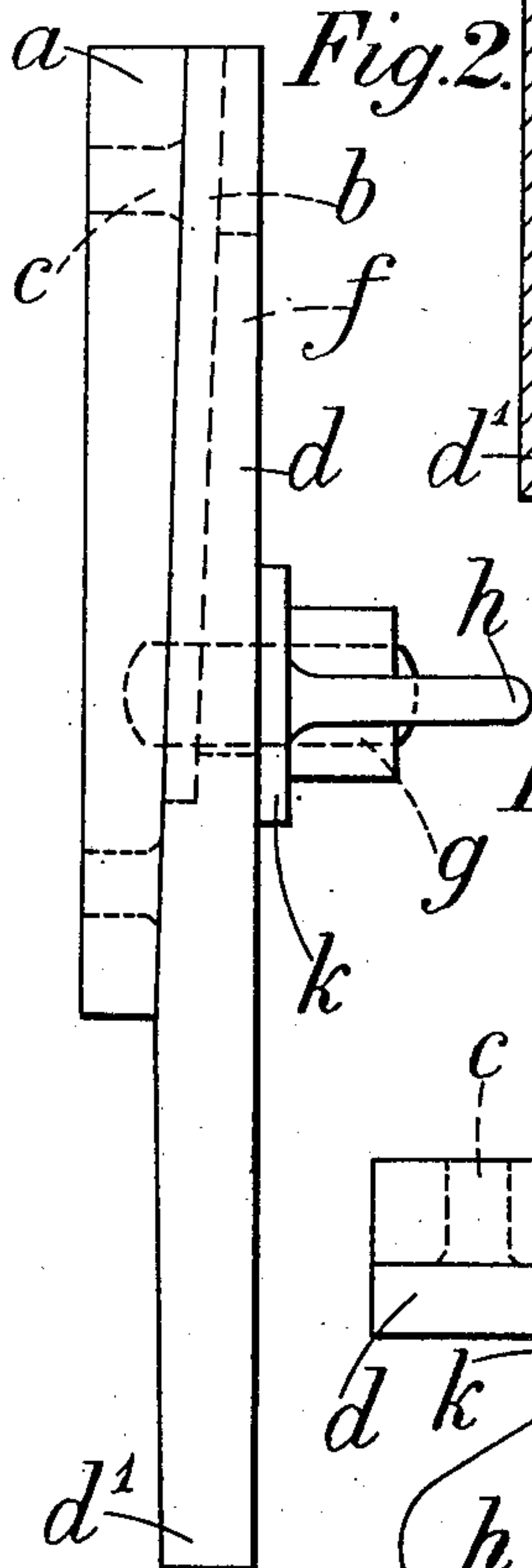


Fig. 6.

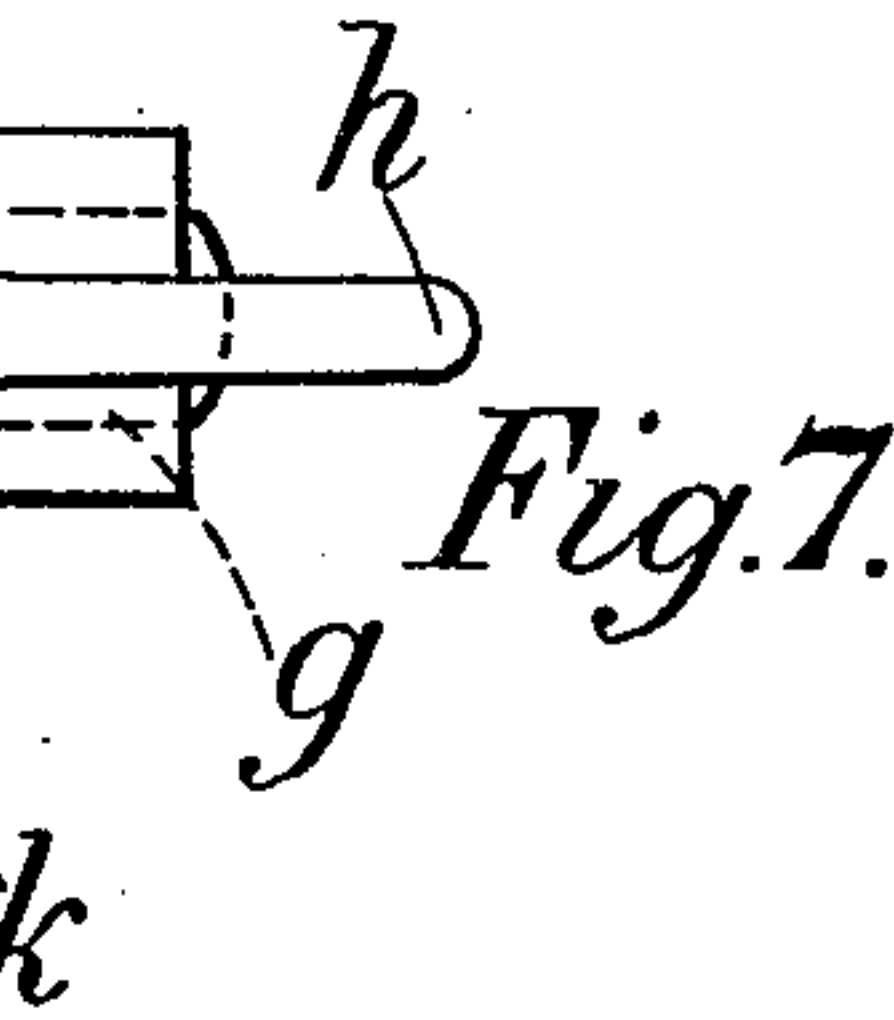


Fig. 7.

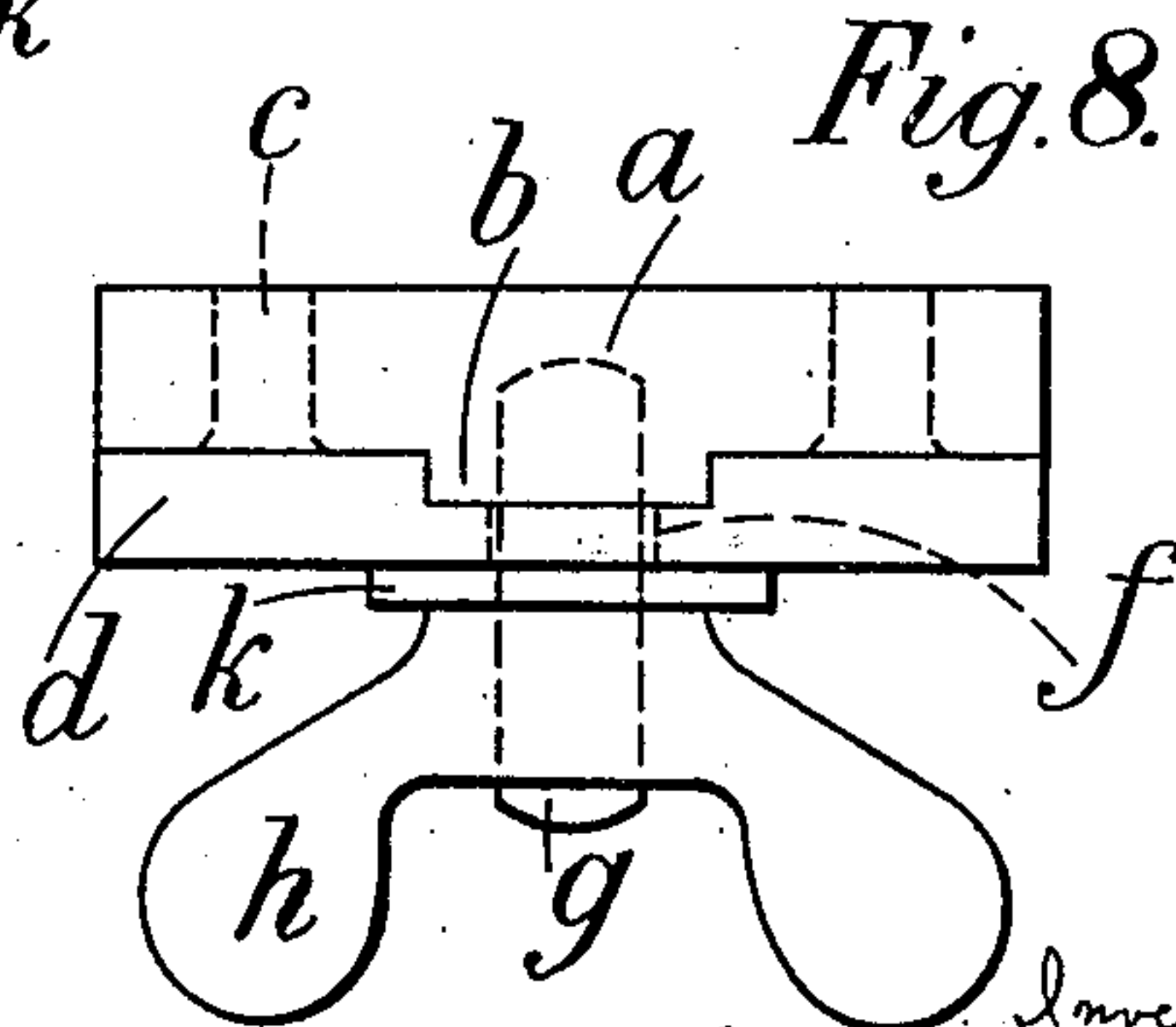


Fig. 8.

Witness  
 F. R. Pitton  
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 Attys



# UNITED STATES PATENT OFFICE.

GEORGE BARTLETT, OF LUTON, ENGLAND.

ADJUSTABLE FOOT FOR LADDERS, STEPS, TRESTLES, AND THE LIKE.

No. 913,452.

Specification of Letters Patent.

Patented Feb. 23, 1909.

Application filed October 5, 1908. Serial No. 456,263.

*To all whom it may concern:*

Be it known that I, GEORGE BARTLETT, a subject of the King of Great Britain, residing at 31 Tennyson road, Luton, county of Bedford, England, have invented certain new and useful Improvements in Adjustable Feet for Ladders, Steps, Trestles, and the Like; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to adjustable appliances intended to be affixed to the base of ladders, steps, trestles and similar scaffolding appliances, for the purpose of regulating the bottoms of same to uneven surfaces, and which dispense with the ordinary methods of packing generally in vogue. And in order that my invention may be fully understood I will describe same with reference to the accompanying drawings.

The device in effect, consists of four parts, viz., (1) a wedge shaped back plate, (2) an adjusting pin, (3) a slotted front plate also wedge shaped, and (4) a thumb or fly nut.

Figure 1 is an end elevational view of the back plate. Fig. 2 is a face view of same. Fig. 3 is a sectional end elevation of the front plate. Fig. 4 shows a washer in section and Fig. 5 is a view of the thumb or fly nut. Fig. 6 is a front elevation of the device complete. Fig. 7 shows the same in end elevation and Fig. 8 is a plan of the same.

Similar letters of reference indicate like parts throughout.

*a* is the back plate, preferably of malleable metal or mild steel tapering in thickness from the top to the base, and formed upon its face with a rib or projecting portion *b* centrally from the top to near the base.

Screw holes *c* are drilled and countersunk at the four corners of the plate *a* by means of which the plate is attached to the base of the ladder or the like.

In cases where the device would be narrowed and elongated as for decorators, trestles and similar narrow appliances it may be found necessary to drill and countersink the screw holes through the thickened portion *b* of the plate *a*.

*d* is the front plate also of metal which is of a size to exactly cover the plate *a*, but also extends downwards for another two inches tapering off to a rounded point or other approved form to form a prong *d'*. This plate *d* is also made taper but with the taper towards the top instead of the bottom as with the plate *a*, forming when in position a folded wedge. The aforesaid plate *d* is recessed centrally at *e* on one side to receive the rib *b* on the plate *a* as they work one in the other as a tongue and groove. About  $\frac{3}{4}$ " from the top to  $3\frac{1}{4}$ " downwards a slotted hole *f* is drilled to allow the steel adjusting pin or bolt *g* to pass through.

*h* is the thumb or fly nut, intended to be tightened up against the plate *d* so that, wherever the prong *d'* of the foot may be required to be adjusted, the nut *h* will act with sufficient power to lock the parts in the precise position required. If found necessary a washer *k*, will be introduced to relieve the pressure of the thumb nut *h* upon the slot *f*, and to cover a larger area of compression. The nut should be made of steel tapped through the center to suit the screw pin *g*. This screw pin *g* is also of steel and is tapped at both ends, one end sufficiently to take the whole of the thumb nut clear while the other end is tapped into the back plate *a* from whence it passes through the slot *f* in the plate *d* into the thumb nut *h*.

Claim.

In adjustable devices to be affixed to the base of ladders, steps, trestles and similar scaffolding appliances, to regulate the bottoms of same to uneven surfaces, the foot hereinbefore described consisting of the two wedge shaped plates suitably tongued and grooved upon their meeting surfaces, sliding one upon the other and capable of adjustment in desired positions by means of a thumb or fly nut screwing on to the free end of a screw pin or bolt fixed in the back plate and passing through a suitable slot provided in the front plate all as set forth and shown.

In testimony whereof, I affix my signature in the presence of two witnesses.

GEORGE BARTLETT.

Witnesses:

H. D. JAMESON,  
C. P. LIDDON.