

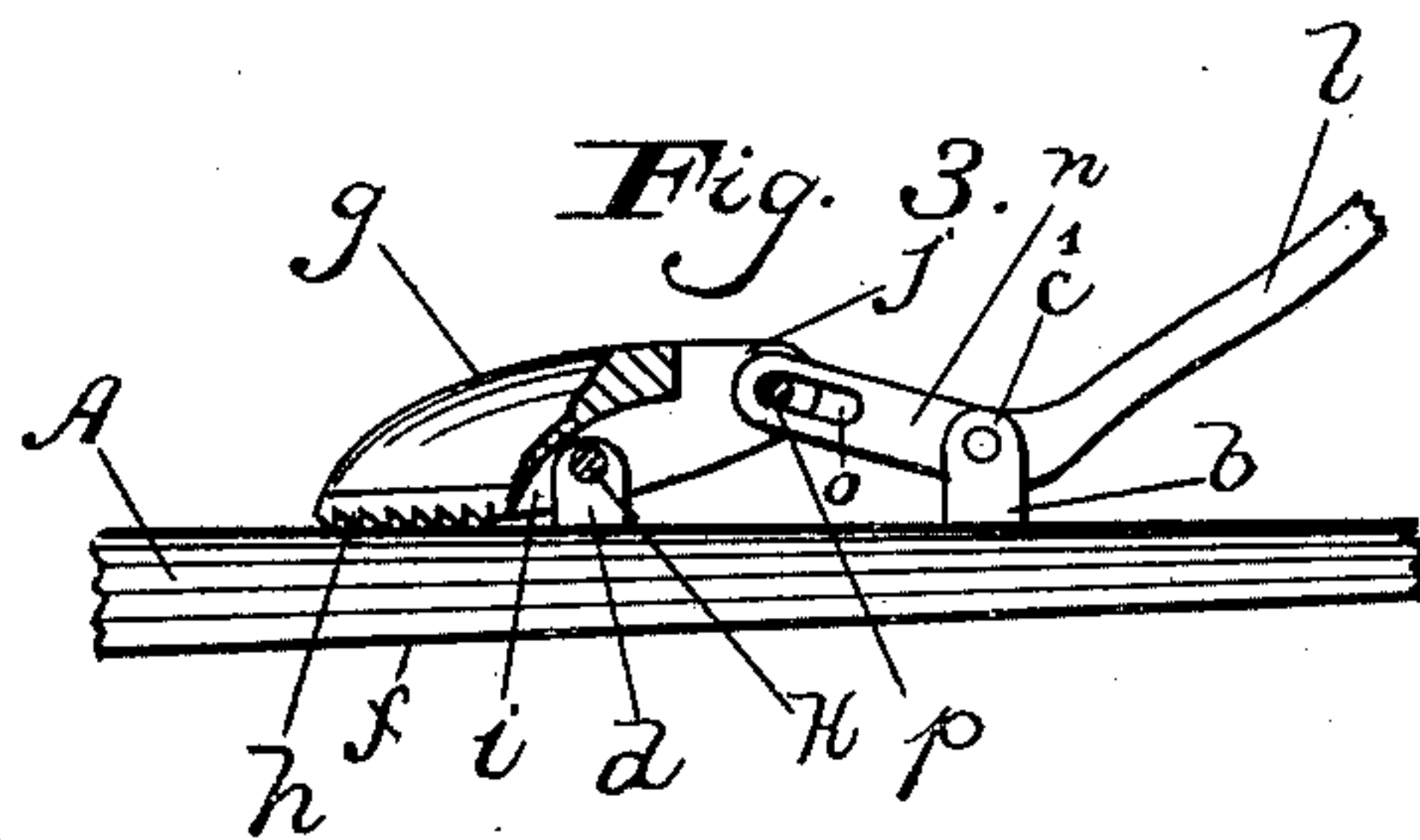
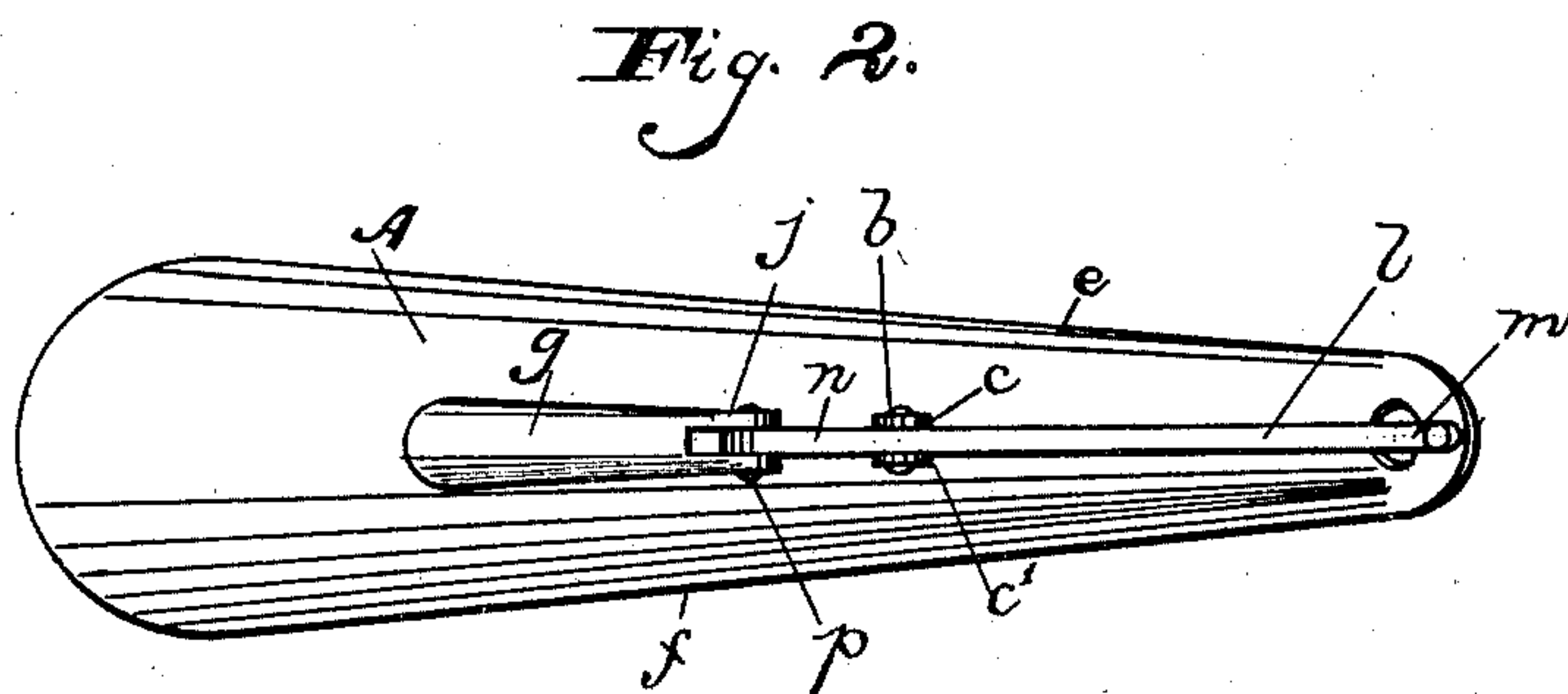
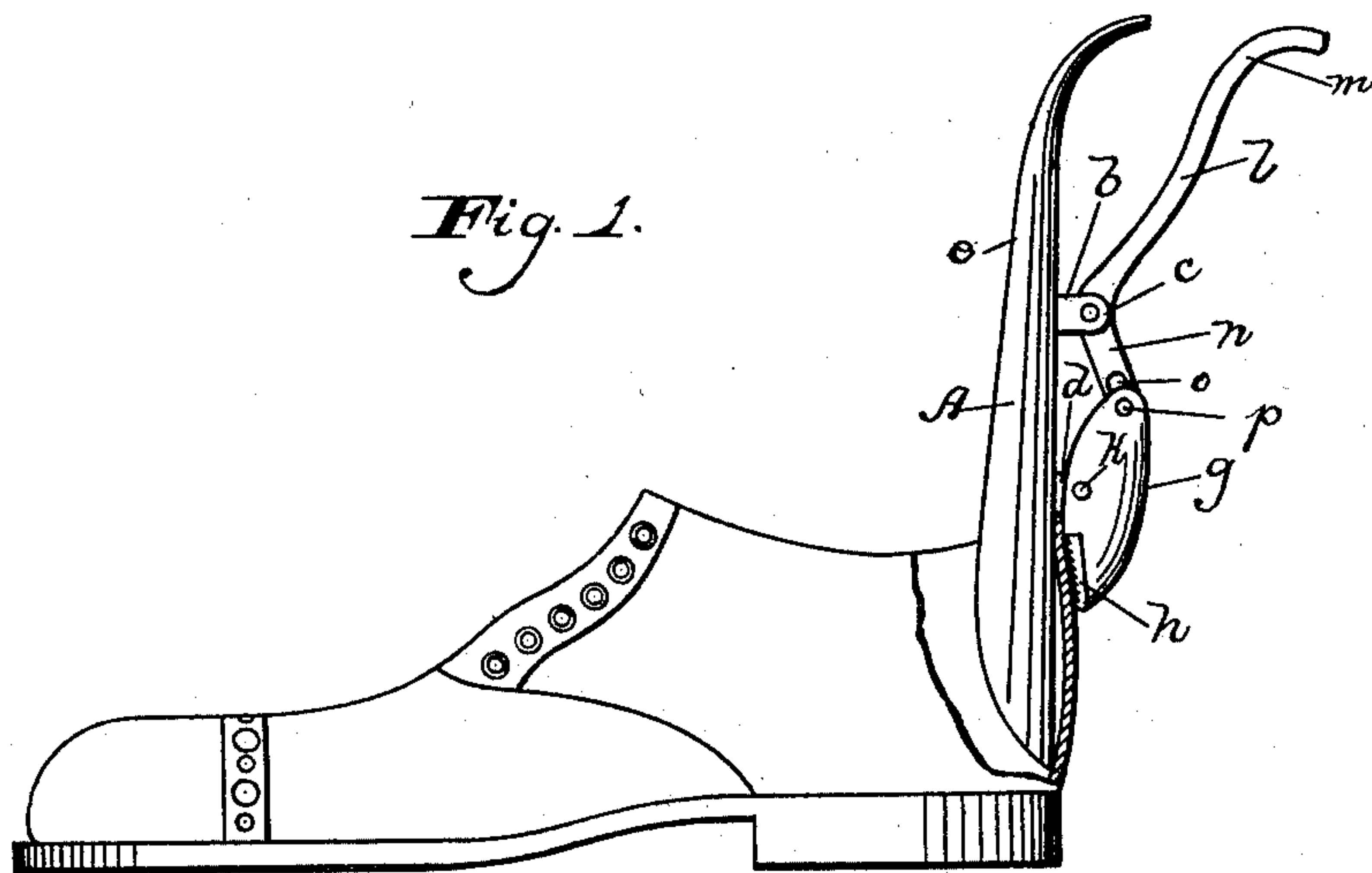
No. 703,310.

Patented June 24, 1902.

G. SCHNEIDER.  
SHOE HORN.

(Application filed Jan. 28, 1901. Renewed Dec. 4, 1901.)

(No Model.)



Witnesses.  
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# UNITED STATES PATENT OFFICE.

GEORGE SCHNEIDER, OF BALTIMORE, MARYLAND, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO THE GEORGE SCHNEIDER MANUFACTURING COMPANY OF BALTIMORE CITY, A CORPORATION OF MARYLAND.

## SHOE-HORN.

SPECIFICATION forming part of Letters Patent No. 703,310, dated June 24, 1902.

Application filed January 28, 1901. Renewed December 4, 1901. Serial No. 84,616. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE SCHNEIDER, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Shoe-Horns, of which the following is a specification.

My invention relates to improvements in shoe-horns, and has for its object to provide an improved device which shall be simple in construction and which while guiding the foot into the shoe may also be operated to grip the shoe, whereby the latter may be drawn onto the foot. By this construction a person, especially a large person, need not experience the difficulty in leaning over to insert the horn in the shoe while the latter is on the floor or supported on a chair or other device and after the horn has been inserted may easily draw the shoe on without pressing the latter against anything.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a shoe with a portion of the rear broken away to illustrate the horn when in engagement with the shoe. Fig. 2 is a rear view of the shoe-horn provided with my device. Fig. 3 is a side elevation of a portion of the horn and the gripping device.

In the drawings the horn proper, A, is formed in the usual manner and may be of any of the various shapes. At the rear or convex side the horn is provided with a lug *b*, which projects at right angles or horizontally therefrom, and said lug is provided with a central slot, which forms two ears *c c'*. Beneath the lug *b* the convex side of the horn is provided with a second horizontally-projecting lug *d*. Both lugs *b* and *d* are located centrally with respect to the converging edges *e f* of the horn. A gripping-finger *g* has a serrated or corrugated plate *h*, of rubber or other suitable material, to prevent the defacement of the leather of the shoe and is also provided on its under side with a central slot

*i* and terminates in a bifurcated end *j*. The lug *d* is received in the said slot *i*, and a pin *k* passes transversely through the gripping-finger and lug, whereby to pivot said finger on said lug.

An operating-lever *l* is pivoted near one end between the ears *c c'* of the lug *b*, and the free end of said lever is provided with a hook end *m*, which curves outwardly or away from the horn, and the other end *n* of said lever *l* is provided with an elongated slot *o*. The slotted end *n* of the lever *l* takes between the bifurcated portions of the end *j* of the gripping-finger, and a pin *p*, passing through said elongated slot *o* and end *j*, pivotally connects the finger and lever together.

In using shoe-horns persons almost invariably insert the horn in the shoe at an inclination, with the horn resting on the bottom of the shoe. This manner of using shoe-horns often reduces the opening in the shoe to such an extent as to prevent the insertion of the foot and the horn must be withdrawn and again only partially inserted. By my construction the horn cannot be inserted far enough to cause this difficulty, and this trouble is obviated. By reference to Fig. 1 it will be seen that the horn A is inserted in the shoe B, while the gripping-finger *g* engages the exterior of the shoe and the lug *d* abuts against the top edge of the counter and serves as a stop to prevent the horn from being inserted far enough into the shoe to cause the trouble referred to.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a shoe-horn, the combination of the horn proper; a gripping-finger pivoted on said horn; and a lever also pivoted on said horn and provided with a slotted end loosely connected to the adjacent end of said gripping-finger.

2. A shoe-horn, provided with upper lug-ears, *c, c'*, and lower lug, *d*; a lever pivoted between said lug-ears and provided at one



end with an elongated slot; and a gripping-  
finger pivoted to said lower lug, *d*, and pro-  
vided with a bifurcated end which receives  
the slotted end of said lever, and also pro-  
5 vided with a pin extending across its bifur-  
cated end and fitted in the elongated slot of  
the lever end, as set forth.

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

GEORGE SCHNEIDER.

Witnesses:

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