

No. 620,658.

Patented Mar. 7, 1899.

A. G. KIRTLAND.
SHOE HOLDING DEVICE.

(Application filed Feb. 15, 1898.)

(No Model.)

Fig. 1.

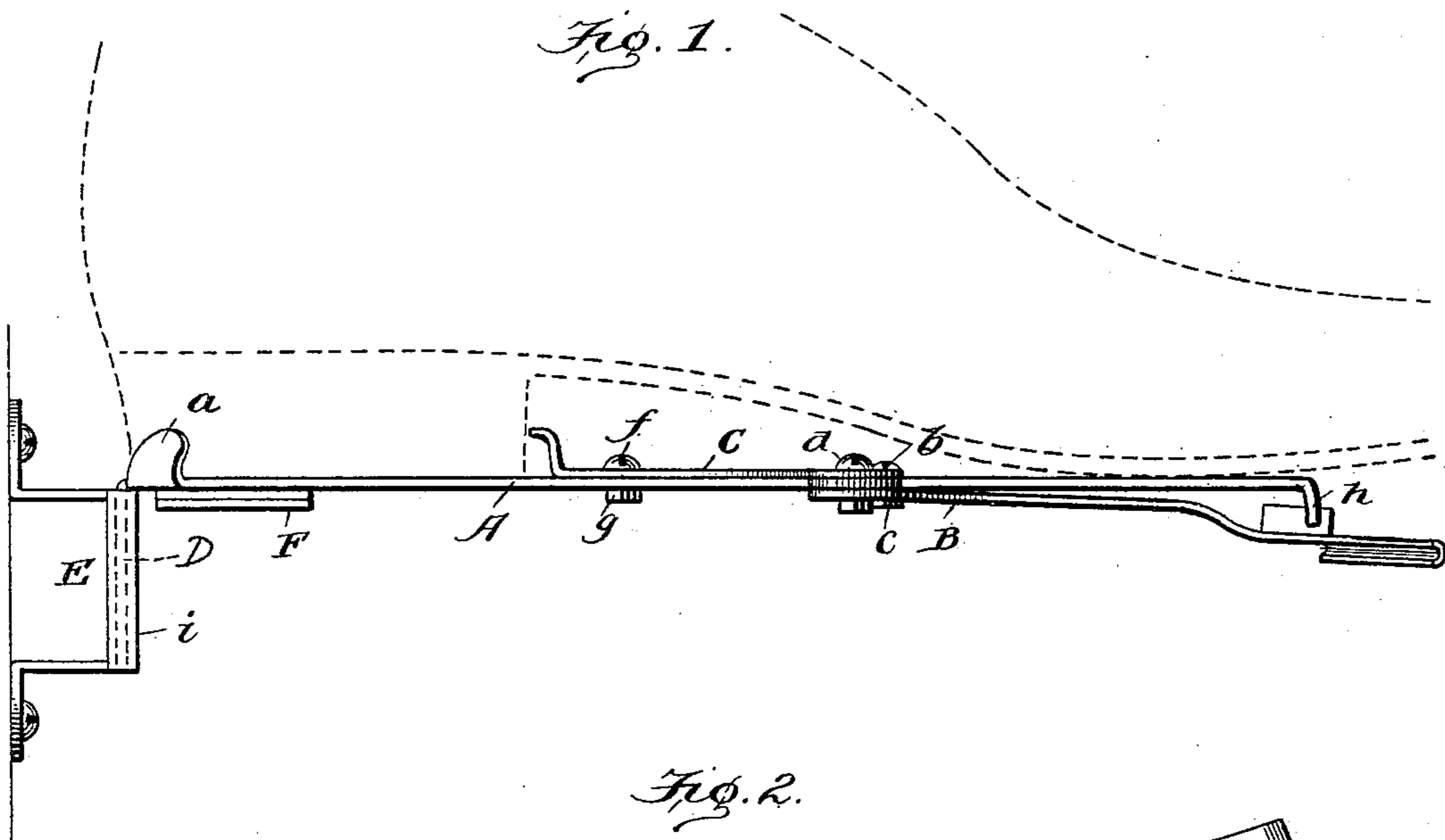


Fig. 2.

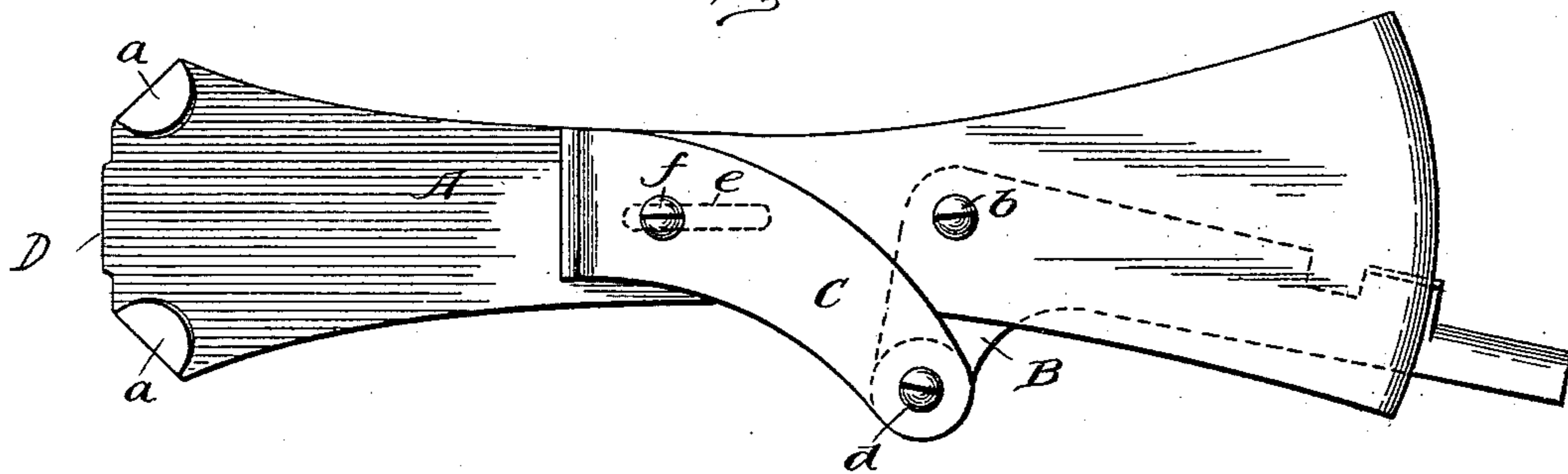


Fig. 3.

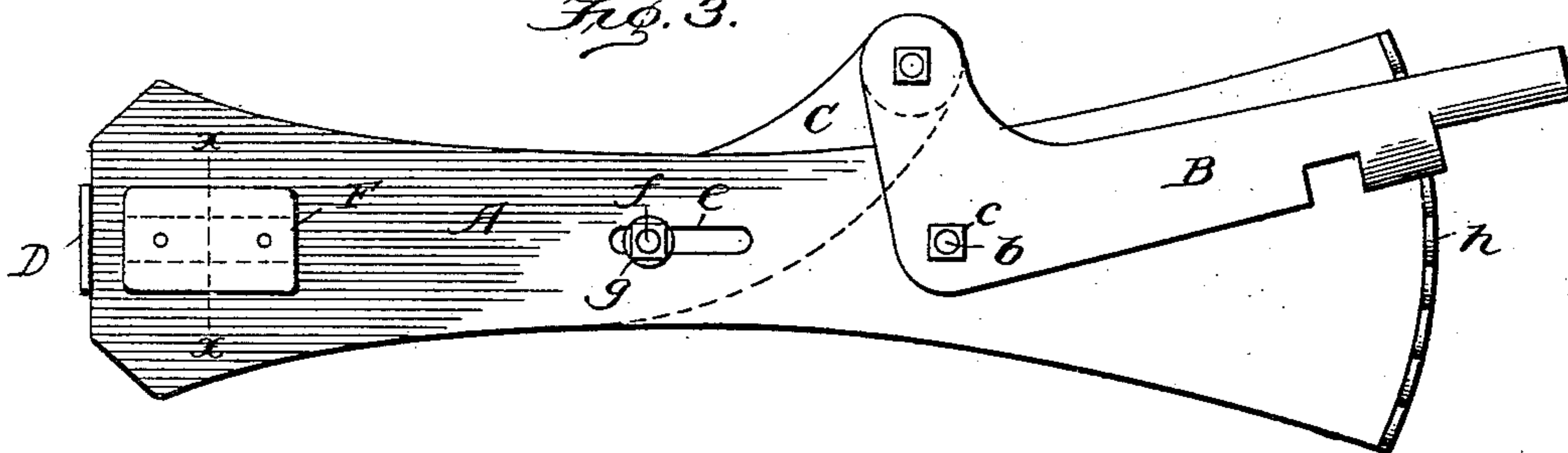


Fig. 4.



WITNESSES:

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Fig. 5.

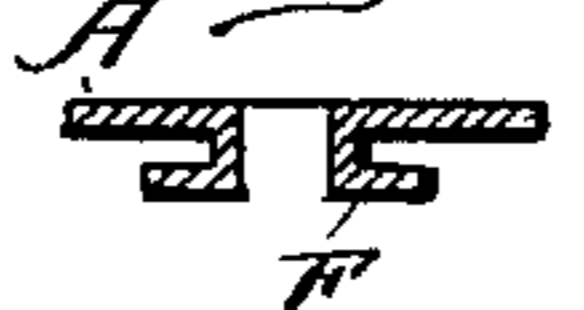


Fig. 7.

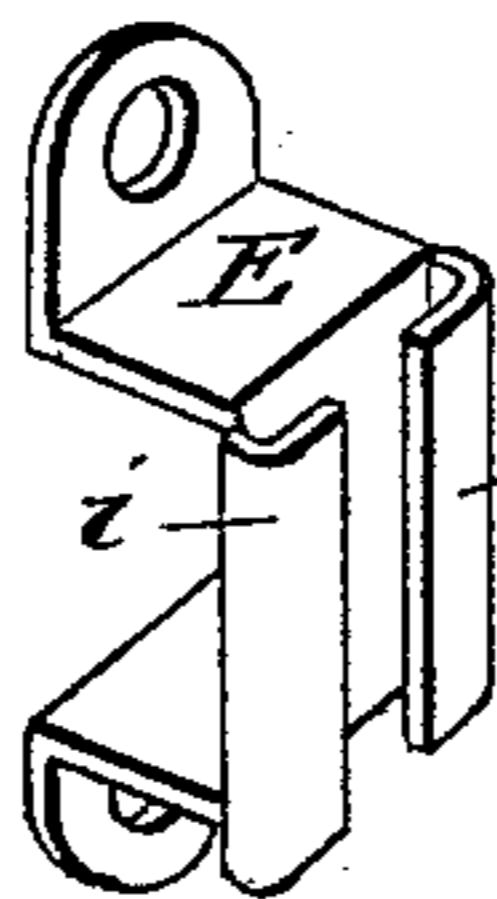
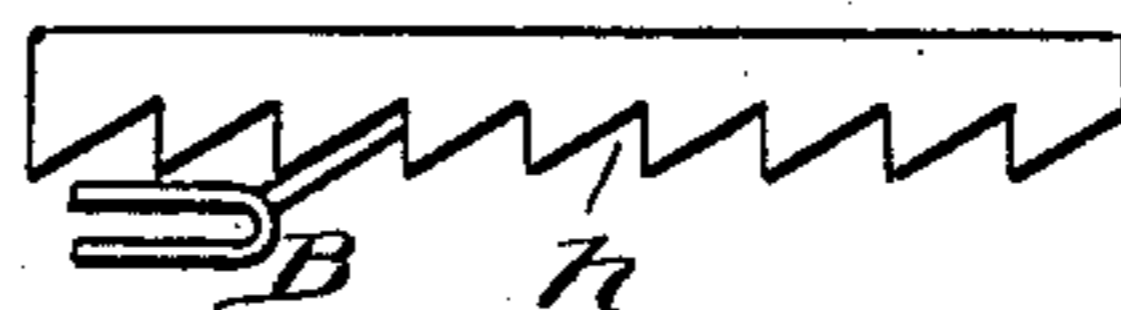


Fig. 6.



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SHOE-HOLDING DEVICE.

SPECIFICATION forming part of Letters Patent No. 620,658, dated March 7, 1899.

Application filed February 15, 1898. Serial No. 670,422. (No model.)

To all whom it may concern:

Be it known that I, ALBERT G. KIRTLAND, a citizen of the United States of America, and a resident of New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Shoe-Holding Devices, of which the following is a specification.

My invention relates to certain new and useful improvements in devices for holding boots and shoes during the operation of cleaning and polishing the same.

It has for its object to provide a device simple and economic in construction and readily adaptable for the intended use; and with these ends in view my invention consists in the novel construction and arrangement of parts hereinafter more fully described and claimed.

In order that others may know how to make and use my improved shoe-holding device, I will proceed to describe its construction and the manner in which it is used, referring by letters to the accompanying drawings, in which—

Figure 1 is a side elevation of one of my improved shoe-holders secured in position and holding a shoe in the position for cleaning the same. Fig. 2 is a top or plan view of the holder. Fig. 3 is a bottom view of the same. Fig. 4 is a cross-section on the line $x x$ of Fig. 3. Fig. 5 is a cross-section showing a modification of the lug shown in Fig. 4. Fig. 6 is a front end view, and Fig. 7 is a perspective view, of the receiving bracket or lug.

Similar letters of reference denote like parts in the several figures of the drawings.

A is a sheet-metal plate adapted to form a support for the sole and heel of an ordinary boot or shoe. The rear or heel end of the plate is turned up and rolled forward, as shown at $a a$, to constitute spurs or ears adapted to impinge against the heel of the shoe; but in lieu of such spurs or ears the plate may be formed or provided with any other suitable devices to constitute braces or clamps. The forward portion of the plate is broadened to provide a suitable supporting-surface for the sole of the shoe, and a bell-crank plate or lever B is pivoted by a screw b and nut c to the under side of the plate A, and to the short arm of the plate or

lever B there is pivoted at d a clamping-plate C, the rear end of which is bent upward and rearward and adapted to impinge against the front wall of the shoe-heel, as clearly shown at Fig. 1.

The supporting-plate is provided with a longitudinal slot e , (shown at Fig. 3 and in dotted lines at Fig. 2,) and a screw f or other pivot is passed through the clamping-plate C and slot e and secured by a nut g , so that the vibration of the bell-crank plate or lever B to the left will cause the clamp-plate C to travel toward the heel of the shoe resting upon the plate A and to clamp the same tightly against the spurs or equivalent devices $a a$, while a reverse movement of the plate or lever B will cause the heel of the shoe to be released.

The front end of the plate A is turned downwardly and is serrated to constitute a series of notches or detents h to receive and hold the upturned edge of the lever-plate B, the extreme or free end of which is rolled over at each edge, so as to constitute an operating-handle. The horizontal plane of the detents or notches h in the end of plate A being below the plane of the pivot b of the lever-plate B, the latter is obviously given a suitable spring action, which causes it to be retained in the notches or detents h until purposely released by pressing the outer end downwardly.

The rear end of the plate A is turned downwardly and at right angles to constitute a tongue D, which fits within a suitable socket in the supporting-bracket E, which socket is readily formed by rolling over the edges of the metal, as seen at $i i$, Fig. 6. When the tongue D is placed within the socket in the bracket E, the plate A is firmly held horizontally and presents the shoe in proper position to be cleaned or polished. The under side of the plate A at the rear end is formed or provided with lug F, Figs. 4 and 5, adapted to fit the socket in the bracket E, and after the vamp of the shoe has been treated the plate is removed from its horizontal position by lifting the tongue D out of its socket in the bracket, and the lug F is then inserted in said socket, whereby the plate A is held in a vertical position and the heel of the shoe presented to be operated upon. When the de-

vice is not in use, it is secured in its vertical position to the bracket E and consequently takes up little or no room.

In carrying out my invention many changes
5 may be made in the details of construction, such as would naturally occur to a mechanic and as might be suggested by changes in the character of material employed, without departing from the spirit of my invention, which
10 rests in the broad idea of a supporting-plate provided with suitable clamping devices for holding a shoe thereon and adapted to be held in one or more positions by a suitable bracket rigidly secured to a wall or other support.

15 What I claim as new, and desire to secure by Letters Patent, is—

1. A shoe-holding device consisting of a supporting-plate A provided with heel-spurs *a, a* and an oppositely-arranged movable clamping device B, C, and formed with a tongue D
20 at the heel end of the plate adapted to enter and be supported within a suitably-arranged bracket E, substantially as and for the purpose set forth.

2. The plate A formed with spurs *a, a*, and tongue D, and having its forward end turned downwardly and notched to constitute detents *h*, in combination with the clamping-plate C and bell-crank lever B, the latter pivoted to the under side of plate A and having
25 one edge turned upwardly to constitute a dog to interlock with the detents *h*, substantially as and for the purposes set forth.

3. The plate A provided with heel-clamping devices as described, and having at the rear
35 end a vertical tongue D and horizontal lug F, each adapted to enter and be supported within a bracket E, whereby the plate and a shoe secured thereon may be held in different positions, substantially as and for the pur-
40 poses described.

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

ALBERT G. KIRTLAND.

Witnesses:

GEO. McELHOSE,
BENJ. B. KIRTLAND.