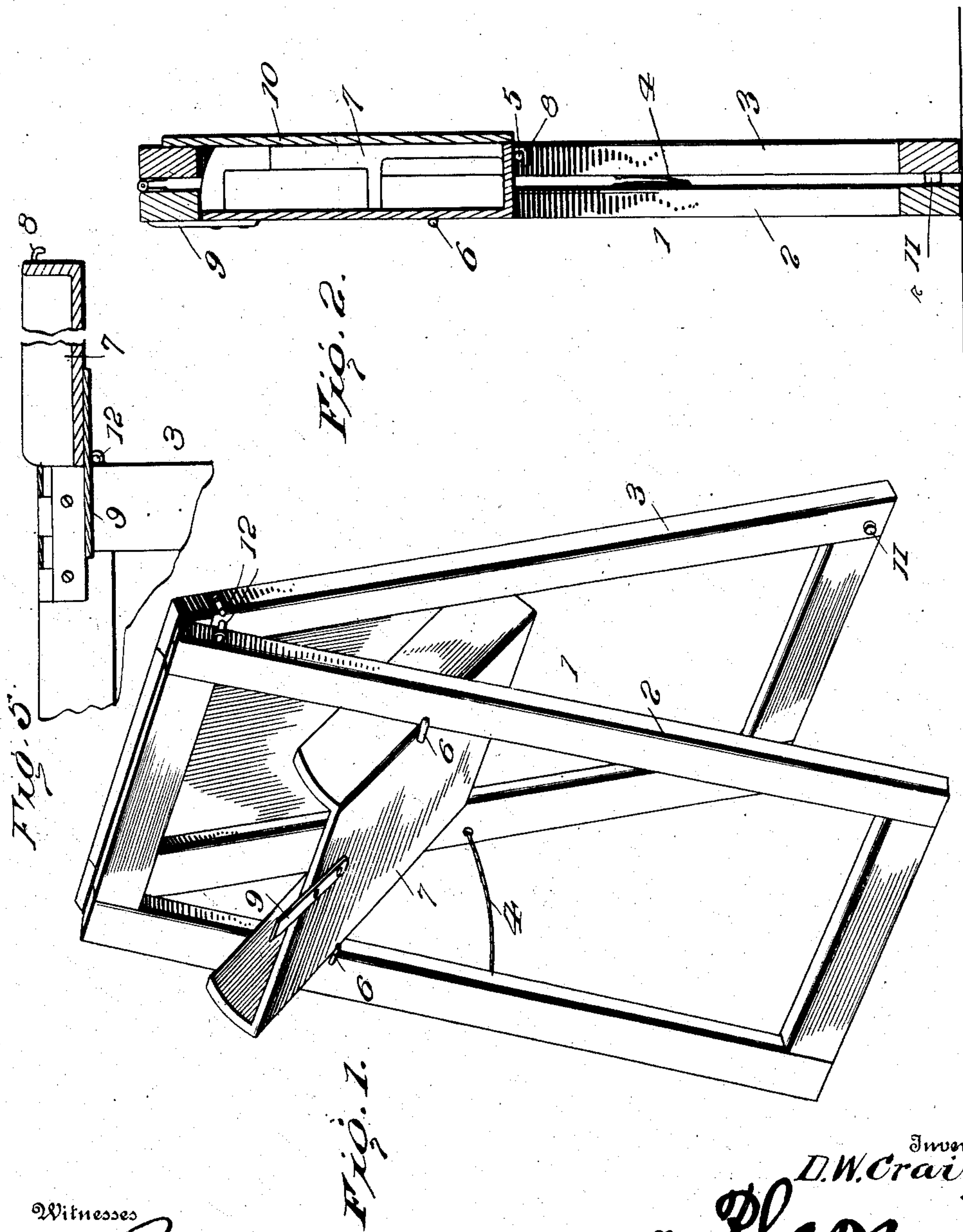


No. 864,954.

PATENTED SEPT. 3, 1907.

D. W. CRAIG.  
SHOE POLISHING STAND.  
APPLICATION FILED OCT. 1, 1906.

2 SHEETS—SHEET 1.



Witnesses

*J. M. M. M.*  
*W. H. Woodson*

*Fig. 1.*

*Fig. 2.*

*Fig. 3.*

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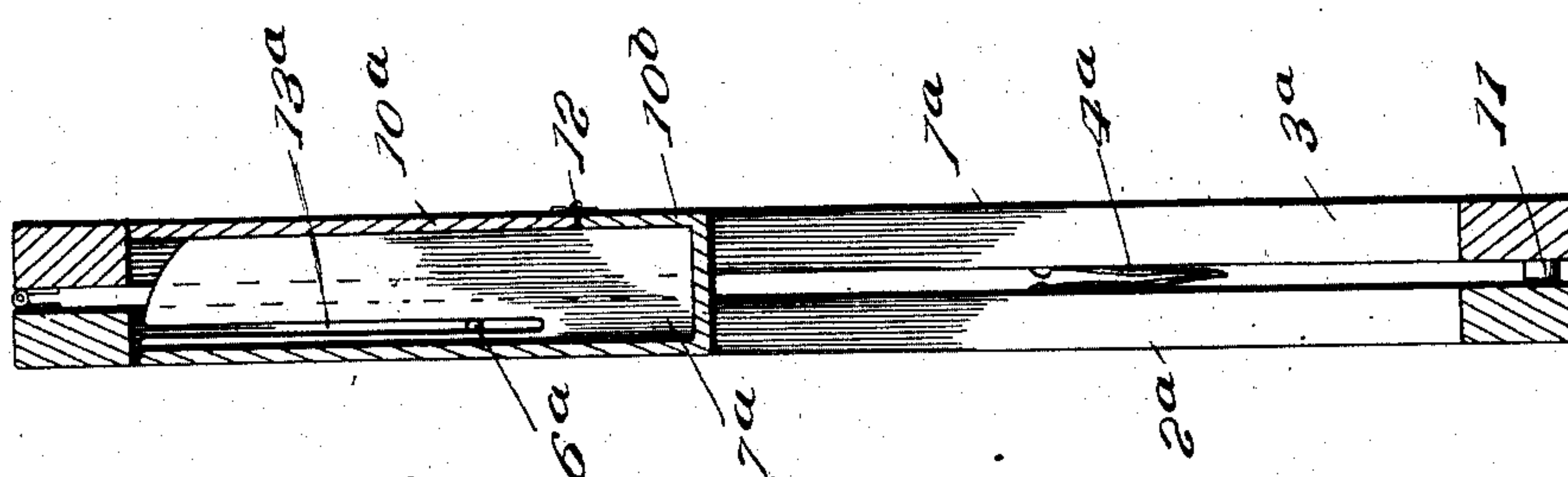


Fig. 4.

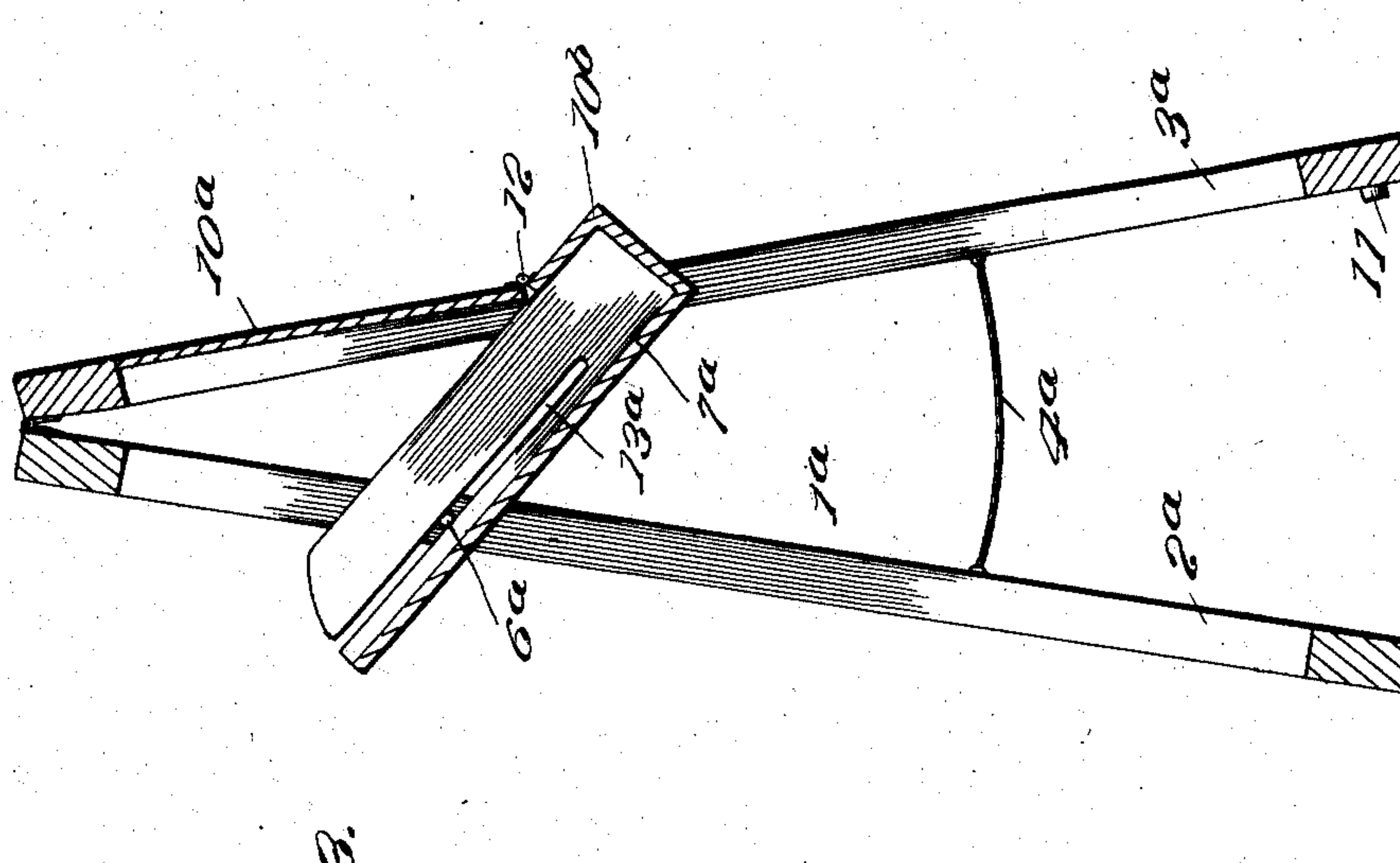


Fig. 3.

Witnesses

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# UNITED STATES PATENT OFFICE.

DICKEY W. CRAIG, OF SIOUX FALLS, SOUTH DAKOTA.

## SHOE-POLISHING STAND.

No. 864,954.

Specification of Letters Patent.

Patented Sept. 3, 1907.

Application filed October 1, 1906. Serial No. 336,904.

*To all whom it may concern:*

Be it known that I, DICKEY W. CRAIG, a citizen of the United States, residing at Sioux Falls, in the county of Minnehaha and State of South Dakota, have  
5 invented certain new and useful Improvements in Shoe-Polishing Stands, of which the following is a specification.

The object of my invention is to provide an improved construction of shoe polishing stand embodying a pair  
10 of frames pivotally connected together at one end and designed to open to form a support for a person's foot during the operation of blackening or polishing the shoes, and embodying also a box or receptacle for polishing utensils, the box being so mounted on the frame  
15 that it will be swung to a closed position within the frame and thereby take up little room and be effectively closed when the device is not in use, and which will be also automatically swung open when the frames are moved apart and set up in operative position so as  
20 to render the polishing utensils easy of access and in convenient position for use.

With these and other objects in view as will more fully appear as the description proceeds, the invention consists in certain constructions, arrangements and  
25 combinations of parts hereinafter described and particularly pointed out in the appended claims.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result, reference is to be had to the following description  
30 and accompanying drawings, in which:

Figure 1 is a perspective view showing one embodiment of my improved shoe stand in its operative position. Fig. 2 is a transverse section thereof. Fig. 3 is  
35 a similar view of a modification showing the parts in their standing position. Fig. 4 is a similar view of the modification with the parts in their closed position. Fig. 5 is a detail sectional view illustrating how the box 7 may be supported in a convenient position projecting outwardly from one side of the stand at the top  
40 thereof.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

45 The support 1 of my improved shoe polishing stand comprises a pair of preferably rectangular frames 2 and 3 which are hinged together at one end so as to fold one upon the other and also to assume an inverted V shape position when in use, in which latter event a person  
50 may conveniently rest his or her foot supported in proper position for polishing the shoes. The strap or flexible brace 4 connects the two frames together so as to limit their opening movement.

5 designates preferably headed studs that are secured

in horizontal alinement to the inner side of the frame 55 3, and that extend inwardly towards each other, as shown.

6 designates angular pins that are secured to the outer sides of the other frame and near the inner edges thereof, said pins also being in horizontal alinement with each  
60 other and located preferably in an elevation or plane above the studs 5, and the extremities of the pins 6 extend inwardly towards each other within the frame to which they are secured as shown.

7 designates the box designed for the reception of  
65 the blacking brush, cloths and all the other necessary and desirable utensils and articles for the blacking or polishing operation, and this box may consist of metal or wood or any suitable material. The box 7 is, as shown, open at its top and one end and it is provided  
70 at the other end with hooks 8 that are adapted to take over and rest removably upon the headed stud 5.

9 designates a handle secured to the bottom of the box at the open end thereof, so that the box may be entirely removed whenever desired and carried as a tray.  
75 It is obvious that the box 7 is supported in a pivotal manner by the studs 5 at one end, and it is further supported by a sliding engagement upon the inwardly projecting extremities of the pins 6.

In the practical operation of my improved stand the  
80 frames 2 and 3 are spread apart at their lower ends and this will result in the box 7 being lowered, its bottom sliding along on the pins 6 towards the extreme outer position as the frames are opened, in which position the box is held in an open and accessible inclined position,  
85 illustrated in Fig. 1. Whenever the two frames are closed together, the bottom of the box will slide upwardly on the pins 6 and will be moved to assume an inoperative position within the two frames, the open upper end of the box being covered or closed by the  
90 two upper cross bars of the frames and the top of the box being closed by a plate or top piece 10 of any suitable material, either metal or wood, secured to the outer side of the frame 3, as shown. It is manifest that when the device is in a closed position the angular pins  
95 6 will serve as locking devices to hold the box securely within the frames as such pins bear tightly against the bottom of the box. These pins, therefore, tend to bring the box to the upper closed position and hold it there and they are actuated in these functions by the  
100 movement of one frame towards the other or in other words, by the closing or shutting up of the frames.

11 designates stop lugs which project from one of the frames, preferably at the bottom thereof, designed to contact with the other frame so as to limit the closing  
105 movement of the two frames one upon the other to a position where the box 7 will not be unduly cramped.

As illustrated in Figs. 3 and 4, wherein a modified



form of stand is shown, the support 1<sup>a</sup> comprises frames 2<sup>a</sup> and 3<sup>a</sup> hinged together at one end and provided with a flexible brace 4<sup>a</sup>, and the box 7<sup>a</sup> for the reception of the blacking or polishing utensils is in this instance secured permanently by hinges 12 to one of the frames. The particular parts with which the hinge members engage are the sections 10<sup>a</sup> and 10<sup>b</sup> of the box top, the section 10<sup>a</sup> being permanently secured in the upper end of the frame 3<sup>a</sup>, and section 10<sup>b</sup> being secured in any desired manner to the top of the box at the rear end thereof. In this modification the sides of the box 7<sup>a</sup> are provided with longitudinal slots 13<sup>a</sup> within which the inwardly extending pins 6<sup>a</sup> work, said pins being secured to the side bars of the frame 2<sup>a</sup>.

15 In the practical operation of this device it is obvious that the opening and closing movement will be effected as well as the locking movement in the closed position by means of the pins 6<sup>a</sup> working in the slots 13<sup>a</sup> and in this modification as well as the embodiment of the invention before described, the upper cross bars of the two frames serve to close the upper open end of the box while the plate or section 10<sup>a</sup> of the box top in connection with the other section 10<sup>b</sup> serves as a closure for the upper side of the box or receptacle 7<sup>a</sup>.

25 From the foregoing description in connection with the accompanying drawings it will be seen that I have provided a very simple and efficient construction of portable shoe polishing or blackening stand for individual use, in which the supporting frames serve as a convenient foot rest, while at the same time afford an effective housing for the box or receptacle intended to contain the necessary utensils and articles, the arrangement being such that the box will be swung to an open position when the supporting frames are set up and will be automatically swung to a closed and locked position when the frames are folded together so to be put out of the way.

Referring particularly to Fig. 5, as well as to Fig. 1, it will be seen that the frames 2 and 3 are provided near their upper ends with opposing pins 12. These pins may be used to hold the box in the position illustrated in Fig. 5, from which it will be seen that the tongue 9 is inserted between the frames 2 and 3 above

the pins into engagement with the lower edges of the leaves of the hinges connecting the two frames together. Hence it will be seen that the pins 12, in connection with the lower edges of the hinge constitute a supporting means for detachably holding the box by the tongue 9 projecting outwardly in convenient position for use from the side of the stand near the upper end thereof.

Having thus described the invention, what is claimed as new is:

1. A device of the character described, comprising a pair of hinged frames, a box pivotally connected at one end with one of the frames, and means carried by the other frame for automatically moving the opposite end of the box within the frames and underneath the upper ends of the latter when the frames are folded one upon the other, said end of the box being open as well as the top thereof, the said end being designed to be covered by the upper cross bars of the frames, and a top section for the box secured to one of said frames at the upper end thereof and adapted to close the top of the box when the same is moved upwardly within the frames.

2. A device of the character described, comprising a pair of hinged frames, one of said frames being provided with inwardly extending studs, and the other frame being provided with inwardly extending pins, and a box provided at one end with hooks adapted for detachable engagement upon the said pins, as and for the purpose set forth.

3. A device of the character described, comprising a pair of hinged frames, one of said frames being provided with a pair of inwardly extending studs and the other frame being provided with a pair of inwardly extending pins in a higher plane than the studs, a box provided with an open end and open top, said box having at one end hooks adapted for removable engagement with said studs and the bottom of the box being slidably supported on said pins whereby the box may be tilted in an open position by opening the frames and moved upwardly to a vertical position upon the closing of the frames, and a top for the box secured to one of said frames at the upper end thereof, the box being movable in the operation of the device, away from and towards its top.

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

DICKEY W. CRAIG. [L. S.]

Witnesses:

J. J. ALLEN,  
M. O. THOMPSON.