

No. 747,640.

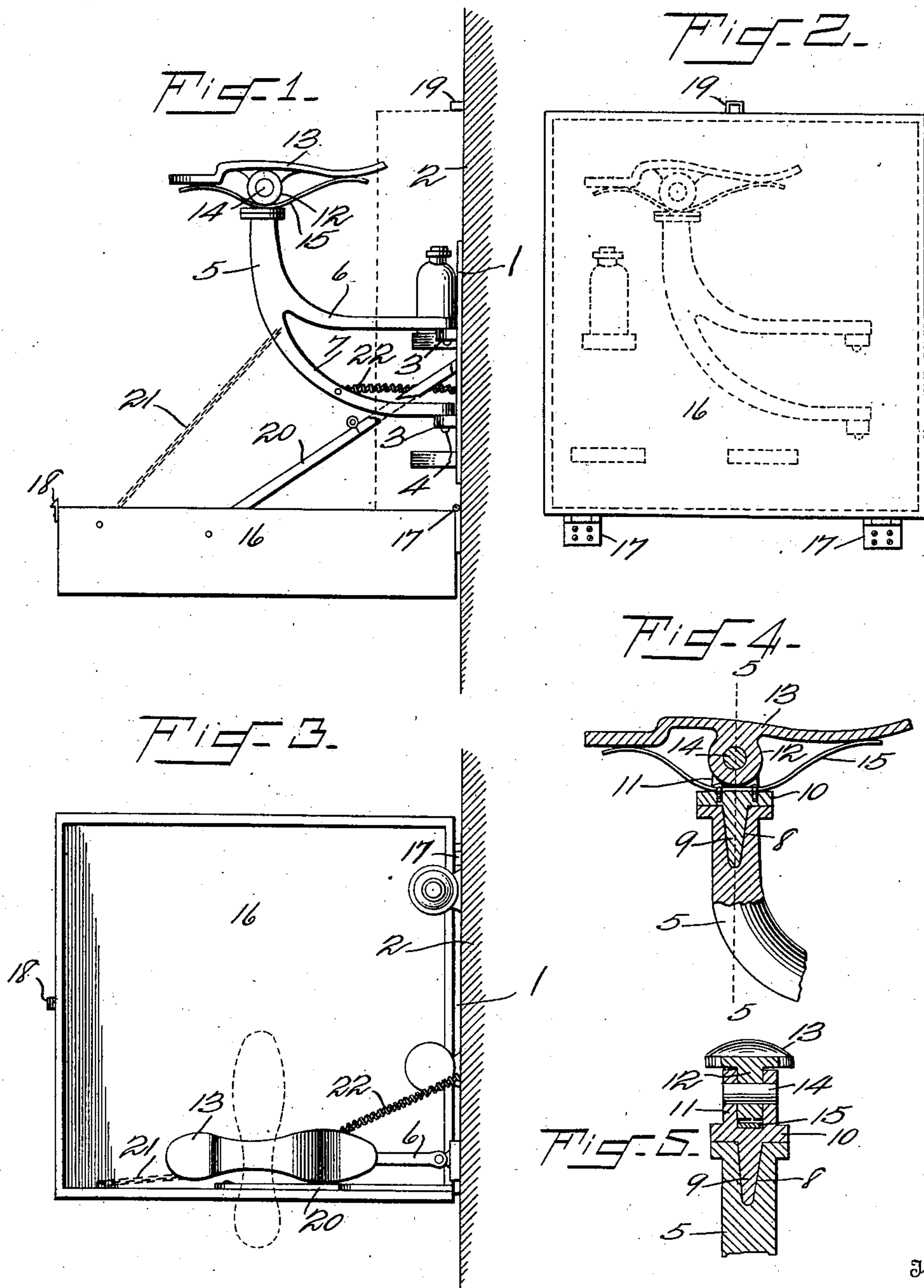
PATENTED DEC. 22, 1903.

H. L. REINHOLD, JR.
BOOT BLACKING OR POLISHING APPLIANCE.

APPLICATION FILED FEB. 24, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses

George Hilton

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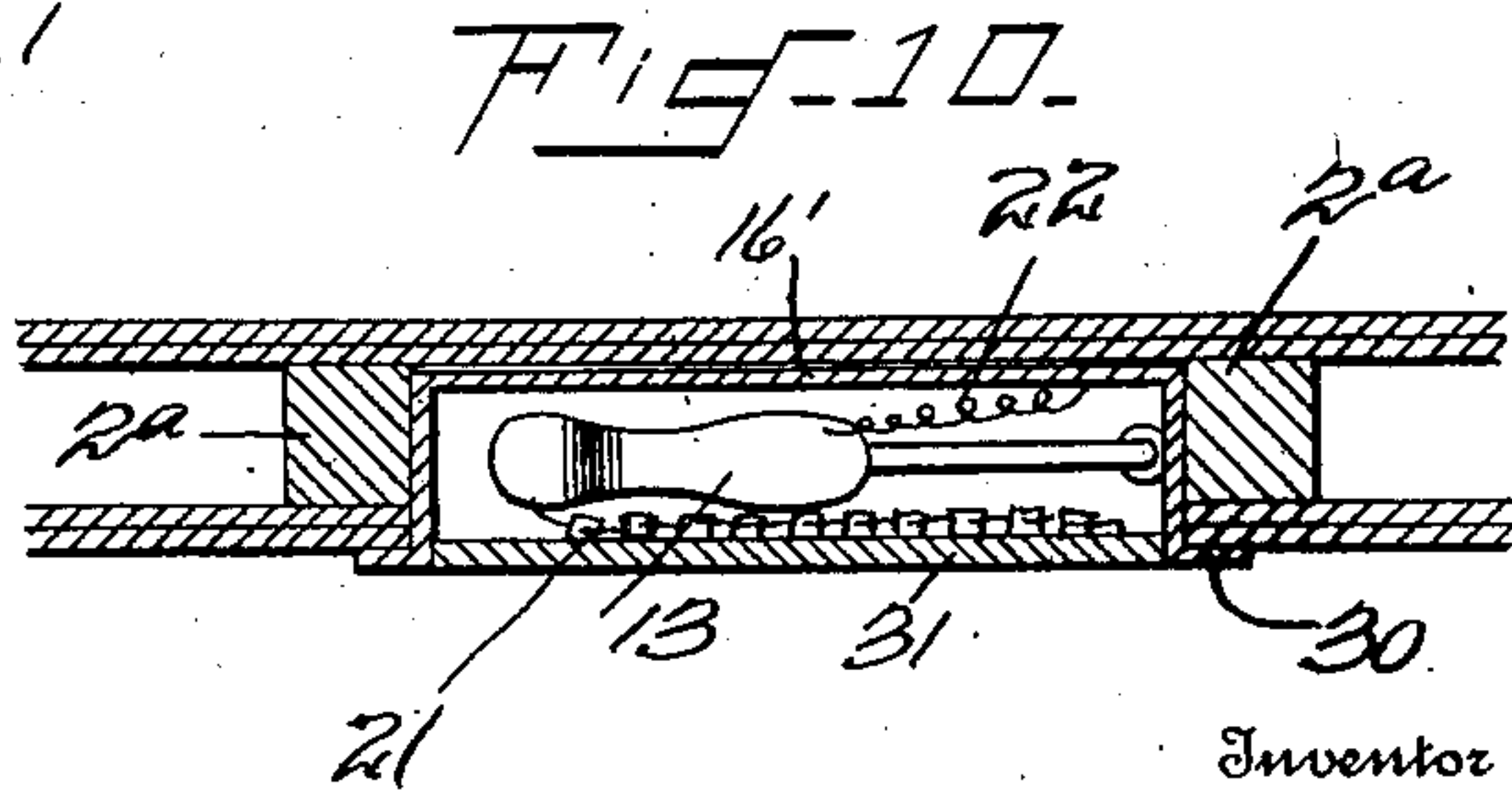
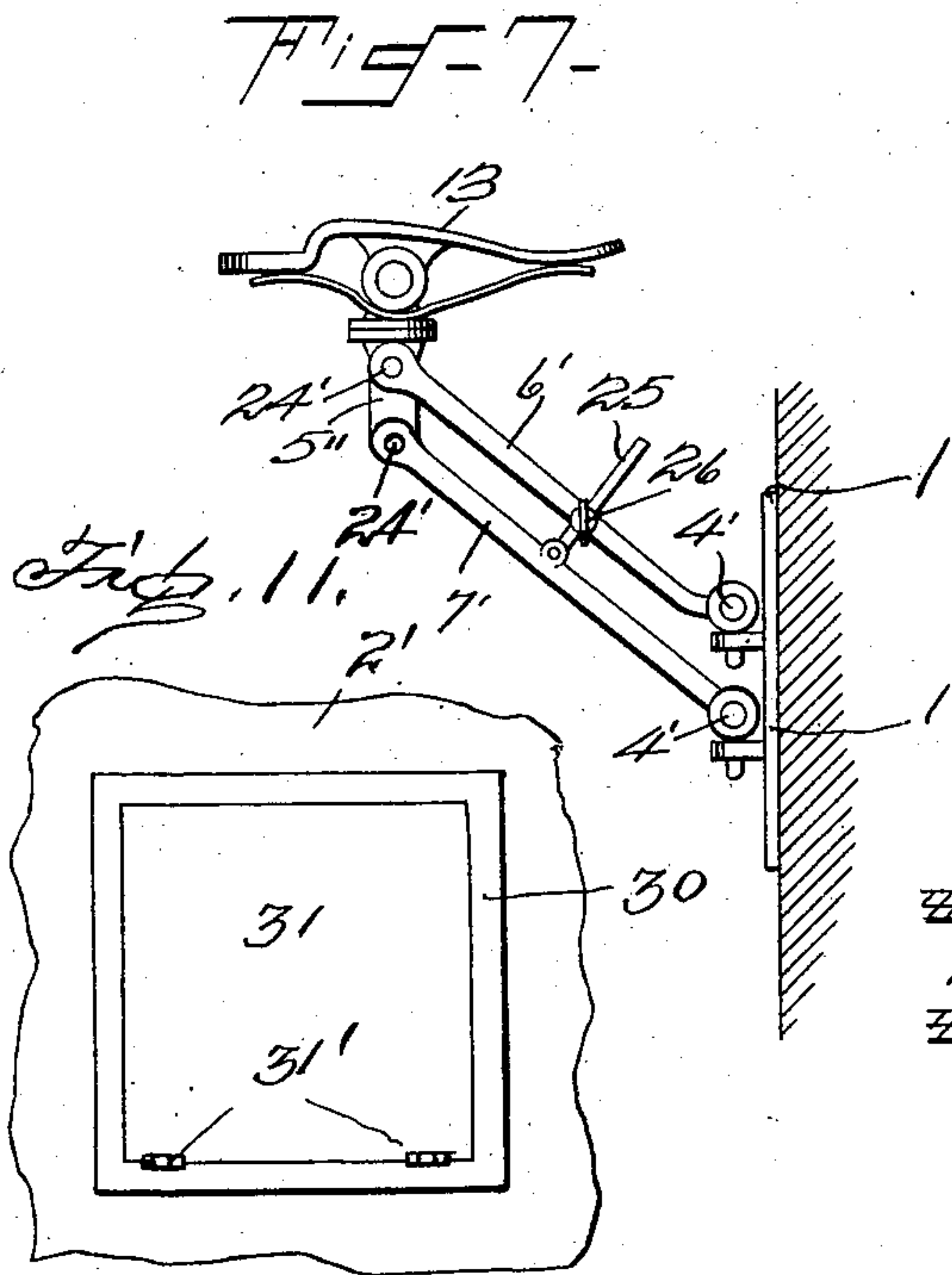
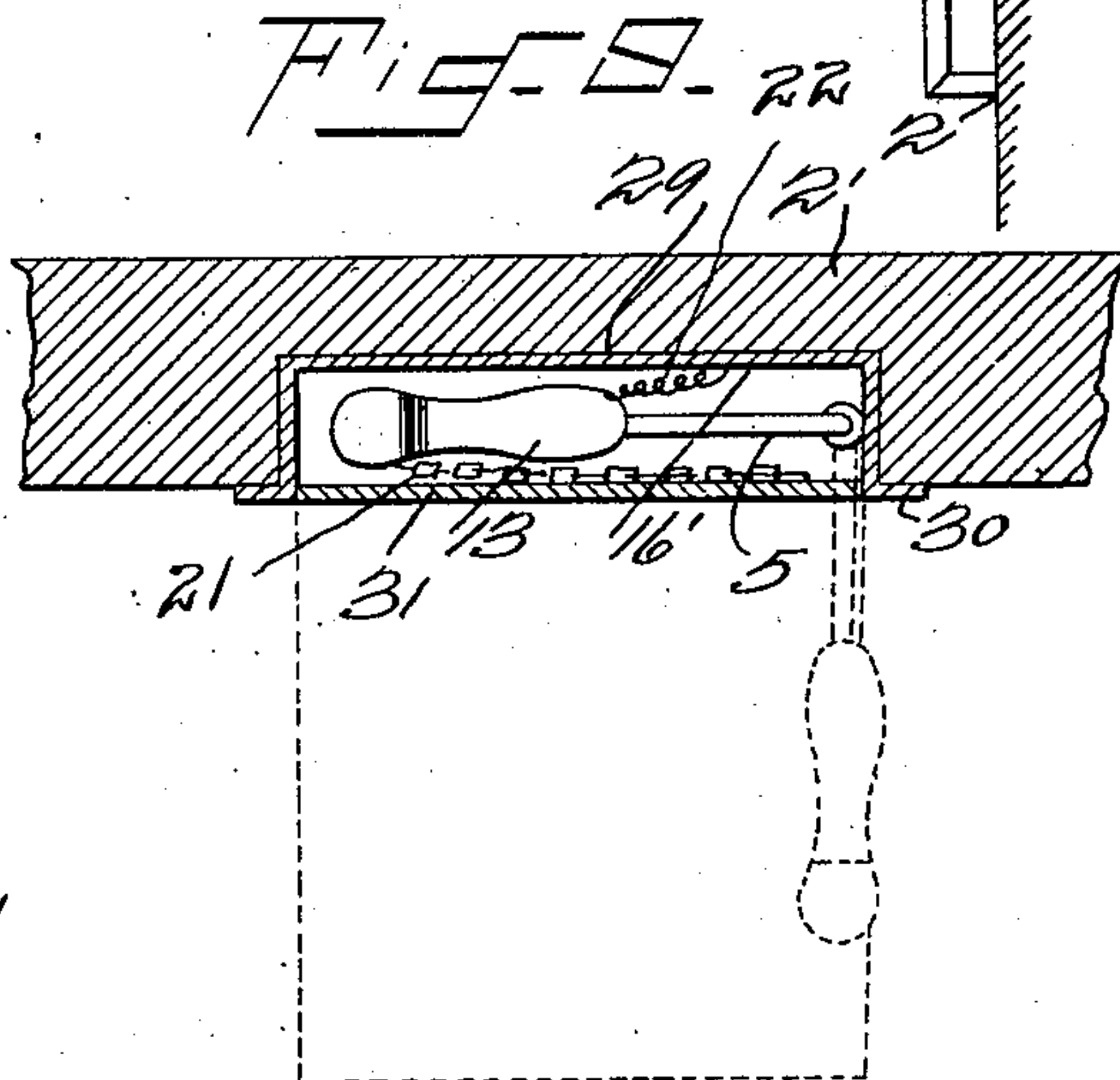
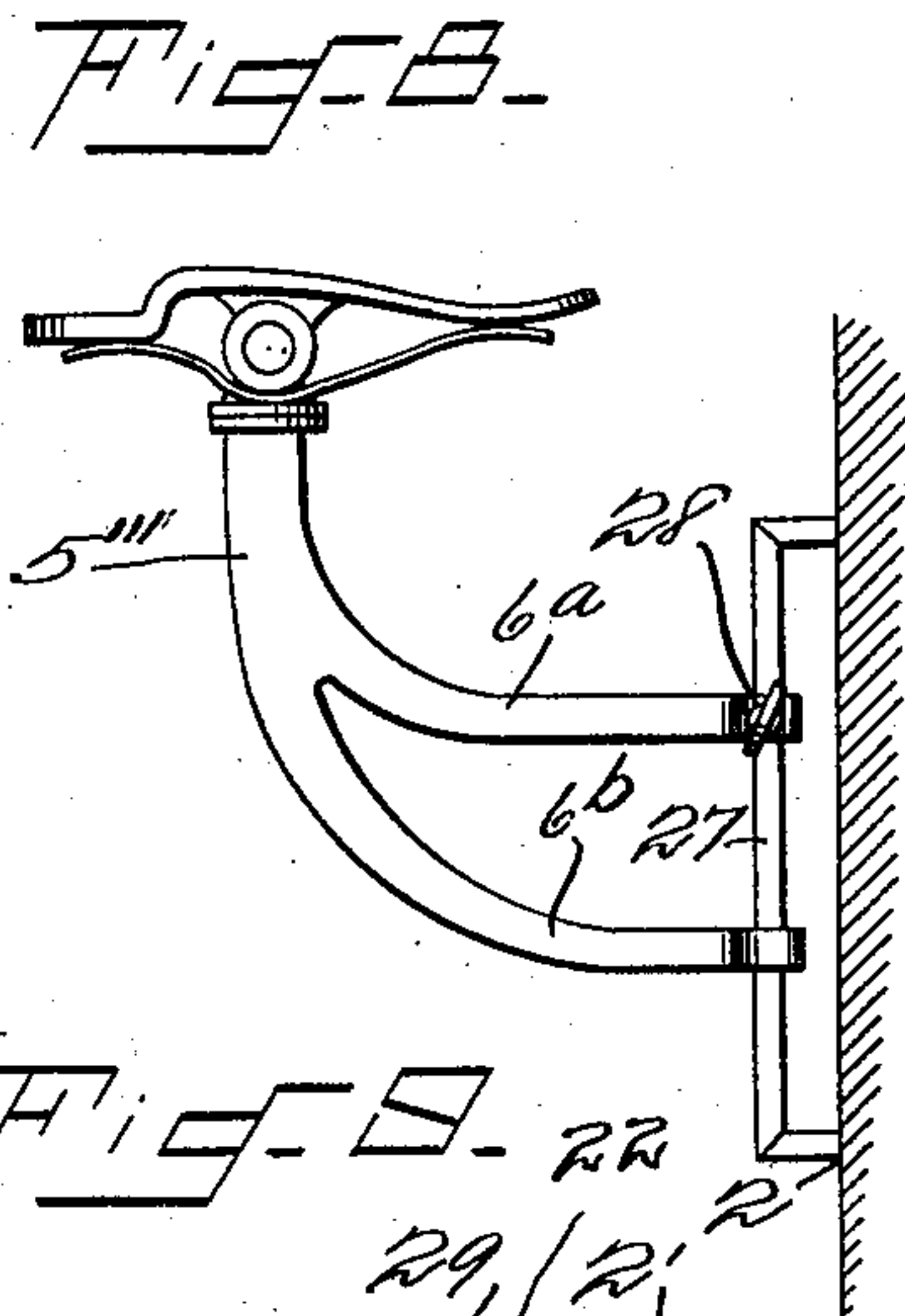
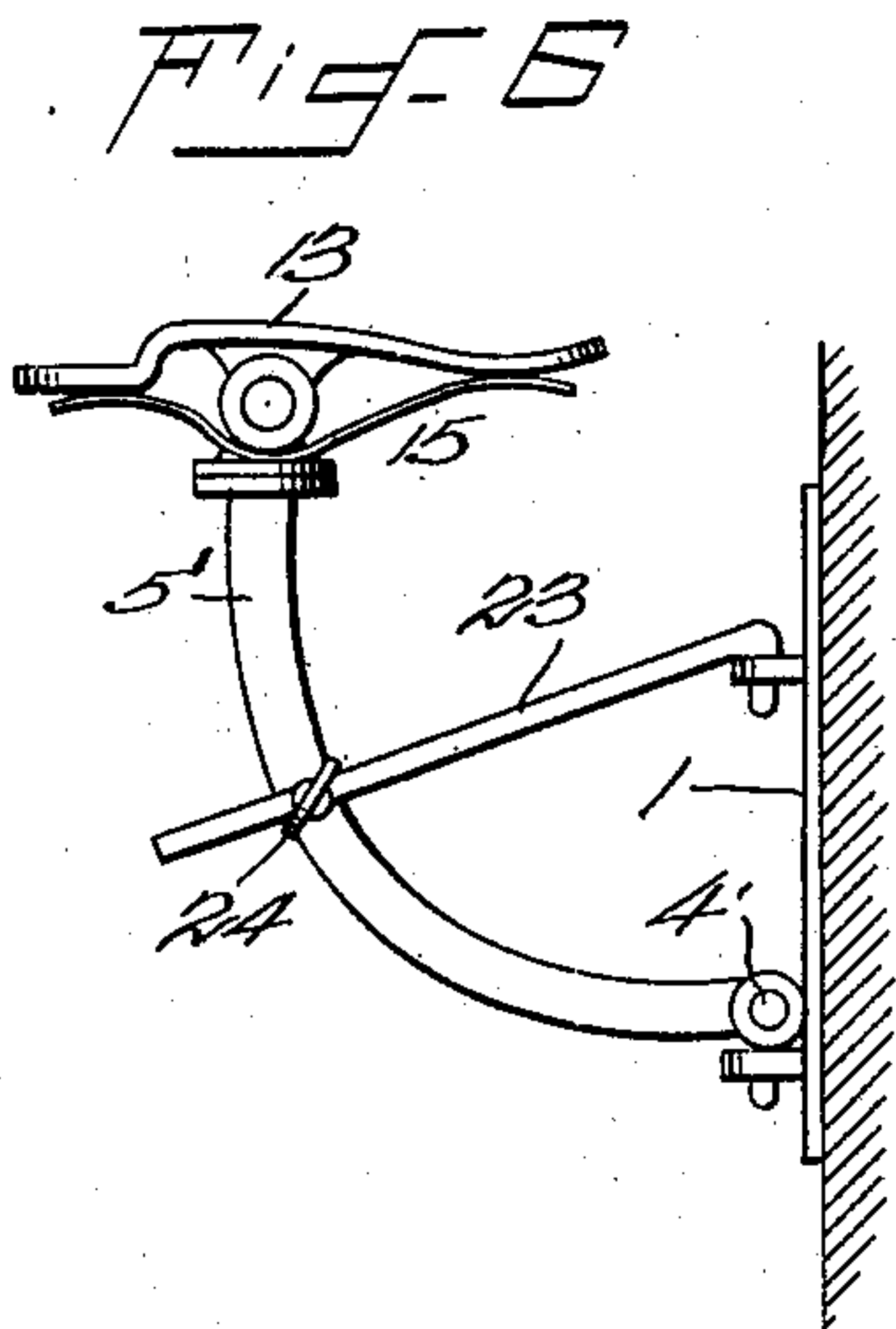
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2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

HENRY L. REINHOLD, JR., OF PHILADELPHIA, PENNSYLVANIA.

BOOT BLACKING OR POLISHING APPLIANCE.

SPECIFICATION forming part of Letters Patent No. 747,640, dated December 22, 1903.

Application filed February 24, 1903. Serial No. 144,820. (No model.)

To all whom it may concern:

Be it known that I, HENRY L. REINHOLD, Jr., a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Boot Blacking or Polishing Appliances; and I do 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 boot blacking or polishing appliances.

The object of the invention is to provide an appliance of this character in which provision is made for mounting the shoe-rest to fold snugly against a wall or other suitable support and for inclosing the same when not in use, a further object being to provide means whereby when the inclosing device is swung to an open or closed position the shoe-rest will be automatically swung inward and outward therewith.

A still further object of the invention is to provide a foot-rest which is adjustable vertically and provided with a foot-support which is adapted to turn or rotate so as to be disposed at any desired angle to the wall or support.

With these and other objects in view the invention consists in certain novel features of construction, combination, and arrangement of parts which will be hereinafter more fully set forth, and particularly defined in the appended claims.

In the accompanying drawings, Figure 1 is a side view of a boot-blackening appliance embodying my invention, showing the movable portion of the casing swung down and the foot-rest swung out for use. Fig. 2 is a front elevation of the same, showing the foot-rest swung inward and the movable part of the casing closed to confine the same. Fig. 3 is a top plan view of the parts as arranged in Fig. 1, showing the foot-plate adjusted at different angles in full and broken lines. Fig. 4 is a sectional view through the foot-rest and its supporting-bracket. Fig. 5 is a section taken at right angles to Fig. 4, the plane of section being indicated by the line 5-5 of Fig. 4. Figs. 6, 7, and 8 are side views of the foot-rest, showing modifications in the construc-

tion thereof; and Figs. 9 and 10 are respectively sectional plan views of the appliance, showing the same fitted within a mortise or recess in a stone or brick wall and a frame wall to adapt the outside of the casing to extend flush with the outer surface of the wall. Fig. 11 is a front elevation of the construction shown in Figs. 9 and 10.

Referring now more particularly to the drawings, the numeral 1 represents a plate or bracket adapted to be secured in any approved manner to a wall or other support 2 and provided with eyes or apertured ears 3 to receive pivot lugs or trunnions 4 of the foot-support 5, which latter consists of a bracket-arm bifurcated to form branches 6 and 7, which carry the said pivot lugs or trunnions 4. By thus mounting the foot-rest to swing upon the eyes or ears 3 the foot-rest may be swung inward against the wall or support 2 and swung outwardly at right angles thereto for use. At its upper end the arm 5 is provided with a socket 8 for the reception of a pivot-pin 9 on a plate 10, which is provided with upwardly-extending ears 11, receiving between them a lug or ear 12 on a foot-rest plate 13, the lug 12 being pivotally connected to the ears 11 by a pin 14, on which the plate 13 is adapted to tilt in a vertical plane to enable it to be adjusted at any desired angle or inclination to the horizontal to suit the comfort or convenience of the user. The plate 13 is normally retained in proper position by a bow-spring 15, which is secured to the plate or head 10 and has its ends bearing on the under side of the plate 13 on opposite sides of the pivot 14, whereby the said plate 13 is adapted to yield in the manner described and when pressure is removed therefrom is automatically returned to its normal position by the said spring 15. The plate 13 and its supporting-head 10 are by means of the pin 9, which fits within the socket 8, mounted to rotate in a horizontal plane upon the bracket 5, enabling the foot-rest plate 13 to be turned at any desired angle to the wall or support to suit the convenience of the user.

A box 16 is hinged or pivoted at its lower end, as indicated at 17, to the wall or support 2 below the bracket-plate 1 and is provided at its upper or free end with a catch 18 to

engage a keeper 19 on the wall at a suitable point above the plate 1, whereby the box may be swung to a vertical position and locked against outward and downward movement.

5 As shown in Fig. 1, the box 16 is adapted to be held in a horizontal position by hinged braces 20, connected to the bracket-plate 1, and when in such position lies below the foot-plate 13 and is thus adapted to
10 serve as a receptacle for the dirt or brushings from the shoe which is being cleaned or polished. When the bracket 5 is swung inwardly and laterally to lie against the wall, the box 16 is folded or closed upon its hinges
15 17 and locked in a vertical position and when thus disposed will serve as a casing or inclosure for the bracket 5, protecting the same and concealing it from observation.

If desired, suitable connections may be
20 provided for automatically projecting and retracting the bracket 5—that is, moving it into and out of position for use when the box or casing 6 is swung up and down. Any suitable mechanism or connections for accom-
25 plishing this function may be employed. In the present instance I have shown the bracket 5 connected to the box or casing 16 by a chain or analogous connection 21 and the arm 7 thereof to the plate 1 by a spiral
30 spring 22, by means of which when the box 16 is let down the chain 21 will be drawn upon to swing the foot-rest outwardly against the tension of the spring 22, and when the box or casing is swung up to a closed position the
35 retractive action of said spring 22 will swing the foot-rest inward against the wall or support 2.

By the construction of the parts as above described it will be seen that I provide a
40 shoe-polishing appliance which is adapted to be closed in close compass when not desired for use and to be concealed at such time and which may be conveniently swung into posi-
45 tion for use and adjusted at any desired angle to suit the comfort or convenience of the user; also, that by having the box 16 mounted as described the same will form a convenient receptacle to catch the brushings from the shoe and prevent the same from falling
50 upon the floor or carpet.

In the modifications shown in Figs. 6, 7, and 8 the arm is made adjustable as a whole in a vertical plane, so as to set the shoe-rest plate 13 at different elevations. In Fig. 6
55 this result is attained by hinging the arm 5' to a pivot-eye 4', so as to adapt it to swing both vertically and horizontally, and to the arm is connected a brace 23, which is pivoted to the plate 1 and is slotted at its free end to
60 embrace the arm 5 and provided with a set-screw 24, by means of which after the arm has been adjusted the brace may be fixed thereto to hold said arm in adjusted position.

In the construction shown in Fig. 7 the
65 arms 6' and 7' of the bracket 5'' are hinged or pivoted thereto, as at 24', and they are also pivoted to eyes 4' similar to the mode of

mounting shown in Fig. 6 to serve as links, which by a relative change in position are adapted to effect a vertical adjustment of the
70 shoe rest or bracket. In order to hold the bracket in adjusted position, a rod or stem 25 is pivoted to the arm 7' and passes through an eye or opening in the arm 6' and is adapted to be secured to the latter-named arm by
75 a set-screw 26, by means of which the two arms may be held in fixed relation and the bracket against movement in an obvious manner.

In the construction shown in Fig. 8 the
80 arms 6^a and 6^b of the bracket 5''' are formed with eyes sliding on a vertical rod 27, fixed to the support 2, the arm 6^a being provided with a set-screw 28, by means of which the bracket may be held in adjusted position.
85

Figs. 9 and 10, respectively, show the application of the invention to stone or brick and frame walls which are mortised or recessed to receive a casing in which the shoe-support is adapted to fold, thus adapting the
90 outer surface of the casing to lie substantially flush with the wall. Fig. 9 shows the casing applied to a stone or brick wall 2', while Fig. 10 shows the application of the same to a frame wall 2^a. In each case the
95 wall is provided with a mortise or recess 29 to receive the casing 16', which is provided with an outer flange 30, fitting against the surface of the wall and adapted to be secured thereto, and with a door or lid 31, hinged at
100 its lower edge, as shown at 31', so as to swing in a vertical plane. By this construction it will be seen that when the door 31 is let down or swung outwardly the shoe-rest may be swung out for use and that upon said
105 shoe-rest being swung back into the casing the door 31 may be closed to conceal the same from view and when closed will extend approximately flush with the face of the wall. The construction in this case is the same as
110 that shown in Figs. 1 to 5, inclusive, to adapt the shoe-rest to be automatically swung into and out of operative position, the chain 21 being connected to the movable part 31 of the frame or casing and the spring 22 to the
115 back of the casing 15, as shown.

Fig. 11 shows a front elevation of the construction disclosed in Fig. 9 and applies equally as well to the exterior appearance of the form of the invention disclosed in Fig. 10.
120

From the foregoing description, taken in connection with the accompanying drawings, the construction, operation, and advantages of my invention will be readily apparent, it is thought, without requiring a more extended
125 explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of
130 my invention.

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

1. In a shoe-polishing appliance, the combination with a support, of a casing having a movable portion and a foot-rest supported independently of said movable portion, said foot-rest adapted to swing outwardly from the support and to swing inwardly parallel with the same, said movable portion of the casing adapted to inclose the foot-rest when in closed position and to serve as a receptacle for the brushings when in open position.

2. In a shoe-polishing appliance, the combination with a pivoted foot-rest adapted to lie parallel with a support and to swing outwardly therefrom, a casing therefor having a movable part, a connection between the movable part of the casing and the foot-rest for projecting the latter when the casing is opened, and means for retracting the foot-rest when the casing is closed, substantially as described.

3. In a shoe-polishing appliance, the combination of a pivoted foot-rest adapted to lie parallel with its support and to swing outwardly therefrom, a casing having a movable

portion hinged below the foot-rest and adapted to be swung up to inclose the same, means for supporting the movable portion of the casing in open position, a flexible connection between the movable portion of the casing and the foot-rest for automatically projecting the latter when the said movable portion of the casing is swung down, and a spring for automatically retracting the foot-rest when the movable portion of the casing is swung up, substantially as described.

4. In a shoe-polishing appliance, a supporting-bracket, a head mounted to turn or rotate thereon, a foot-plate mounted to tilt upon the head, and a spring for retaining the foot-plate in a determined position, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

HENRY L. REINHOLD, JR.

Witnesses:

THEO. H. MCCALLA,
L. F. MCDOWELL.