

Aug. 26, 1930.

J. A. TRIPP

1,774,409

FLOOR WAXING DEVICE

Filed Dec. 12, 1927

2 Sheets-Sheet 1

Fig. 7.

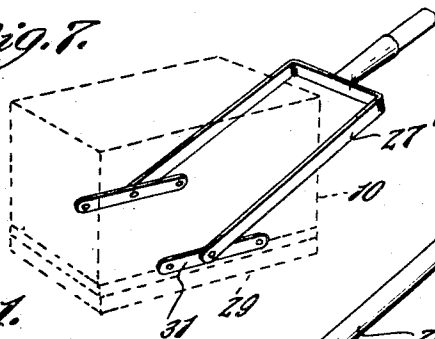


Fig. 1.

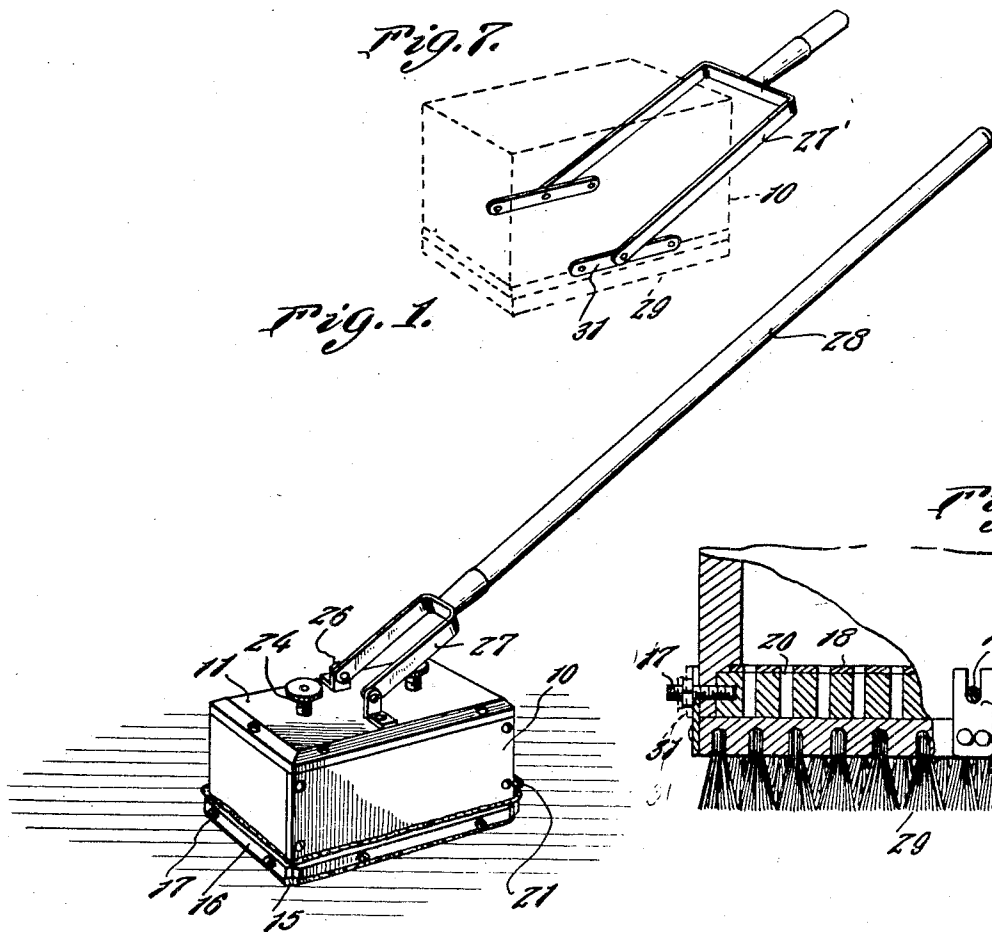


Fig. 6.

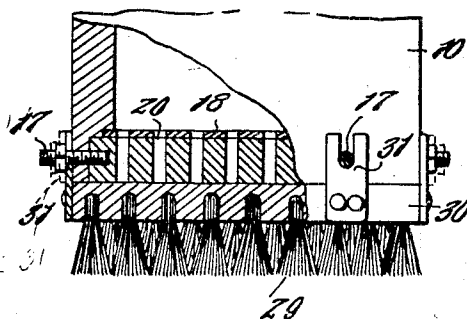
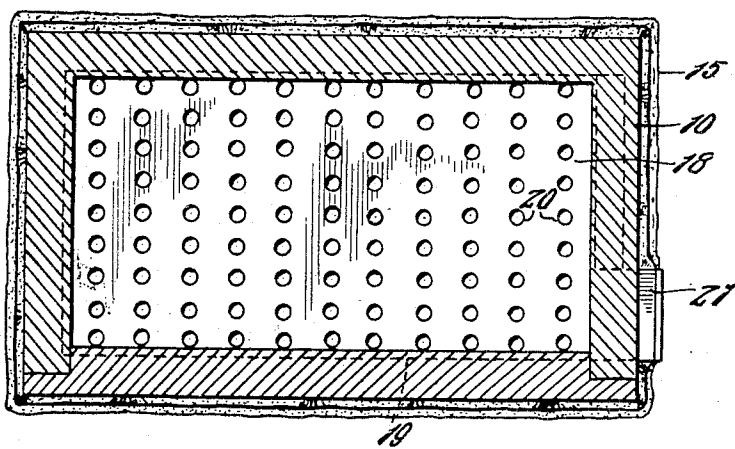


Fig. 4.



J.A. Tripp ~
INVENTOR

BY Victor J. Evans
ATTORNEY

Aug. 26, 1930.

J. A. TRIPP

1,774,409

FLOOR WAXING DEVICE

Filed Dec. 12, 1927

2 Sheets-Sheet 2

Fig. 2.

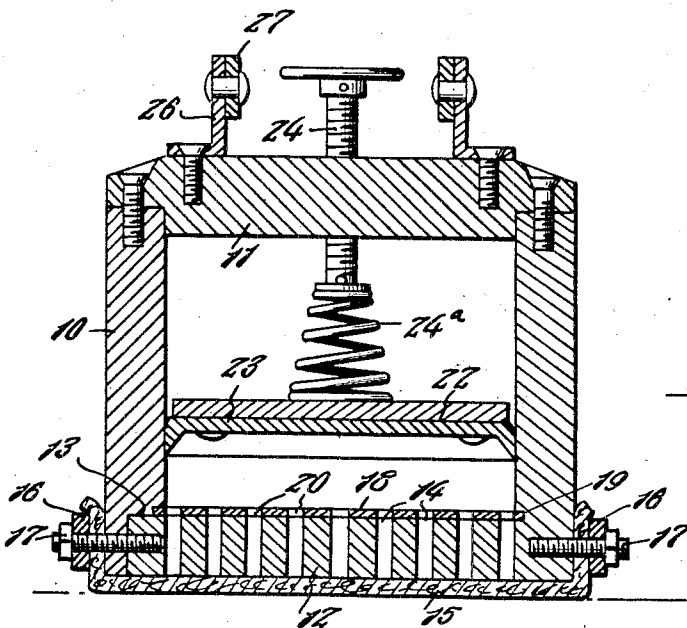
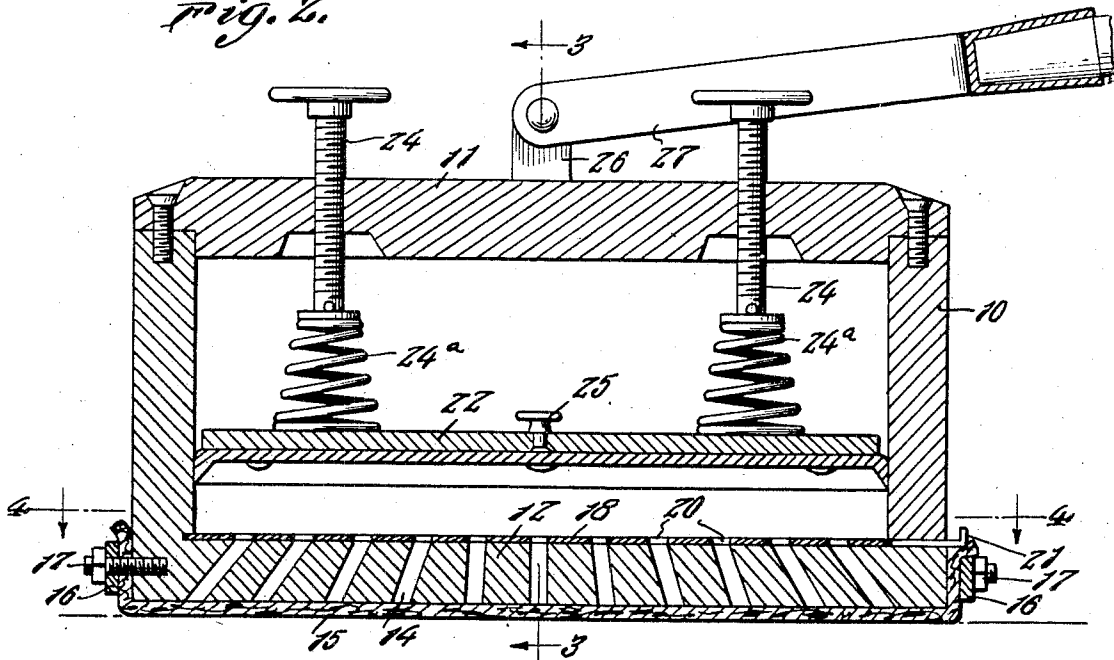


Fig. 3.

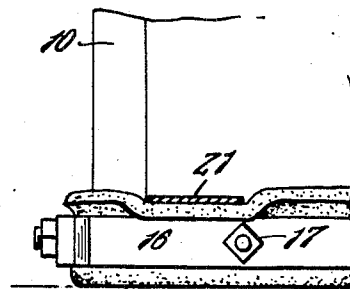


Fig. 4.

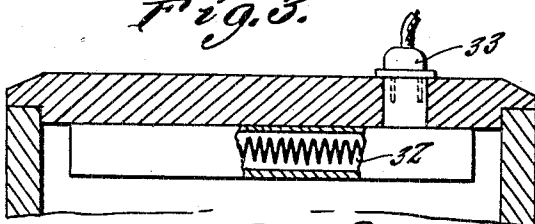


Fig. 5.

J. A. Tripp

INVENTOR

BY *Victor J. Evans*

ATTORNEY

UNITED STATES PATENT OFFICE

JAMES A. TRIPP, OF WILSON, NORTH CAROLINA

FLOOR-WAXING DEVICE

Application filed December 12, 1927. Serial No. 239,589.

This invention relates to floor finishing devices and has for an object the provision of a device which will combine all of the features of a floor oiler, floor waxer, and floor polisher, as well as for sanding and filling, so that all of these operations may be performed with a single device.

Another object of the invention is the provision of a device of the above character which is provided with novel means for regulating the discharge of oil or wax, so that the same may be applied to the floor in regulated quantities.

With the above and other objects in view, the invention further includes the following novel features and details of construction, to be hereinafter more fully described, illustrated in the accompanying drawings and pointed out in the appended claims.

In the drawings:—

Figure 1 is a perspective view of the invention.

Figure 2 is an enlarged longitudinal sectional view.

Figure 3 is a section on the line 3—3 of Figure 2.

Figure 4 is a similar view on the line 4—4 of Figure 2.

Figure 5 is a fragmentary elevation showing one corner of the device.

Figure 6 is a fragmentary end view partly in section showing the use of a brush in connection with the device.

Figure 7 is a view showing a modified form of handle.

Figure 8 is a fragmentary sectional view illustrating means for heating the wax within the hollow body or container.

Referring to the drawings in detail where, in like characters of reference denote corresponding parts, the reference character 10 indicates a hollow member or body which is designed to contain a wax, oil or other material to be applied to a floor or like surface. This member or body is provided with a removable top 11 and a removable bottom 12, the latter having one edge set within a recess 13 provided in one side of the body.

The bottom 12 is provided with a number of discharge openings 14 for the passage of

the contents of the body and an absorbent member 15 extends beneath the bottom over the openings so that this material will take up oil or wax from the body and distribute it over the floor or surface. The absorbent material 15 is folded upward along opposite sides and ends of the body and is held in place by clamping strips 16 which are removably secured in place through the medium of fastening devices 17. By this means, different materials may be secured beneath the body. For example, the device may be used to distribute wax over the surface of the floor and to afterward polish the floor. The absorbent material 15 used for distributing the wax would be removed and a different piece of material used for polishing. During the polishing operation, the discharge of wax from the body would be prevented through the medium of a slide 18. This slide is mounted in guideways 19 provided in opposite side walls of the body and has openings 20 therein which are adapted to be moved into and out of register with the openings 14 to control these openings. The discharge of material from the body may be thus entirely stopped, or, it may be permitted to escape in regulated quantities. The slide 18 is provided with a finger piece extension 21 by means of which it may be conveniently manipulated. This finger piece is resilient and engages the upper edge of the absorbent material 15 so that the slide is held against accidental movement, but may be readily moved when desired.

Located within the hollow member or body 10 is a follower 22 which may be provided with a flexible sheet 23. This sheet is secured to the under face of the follower and engages the inner walls of the hollow member and acts to compress and force the contents of the hollow member outward through the openings 14. To assist in this operation, there are provided adjusting screws 24. These screws extend through the top 11 and have their lower ends secured to springs 24^a which are in turn engaged with the follower. A handle or finger piece 25 is provided for convenience in removing the follower. The top 11 is removably secured in place so that

the hollow member may be conveniently filled.

Secured to the top 11 are spaced brackets 26 and pivotally secured to these brackets is a substantially U-shaped member 27 which carries a handle 28 for convenience in using the device.

In Figure 6, the hollow member or body 10 has removably secured thereto a brush. This brush is composed preferably of fiber and hair bristles 29 which are carried by a brush head 30, and extending upwardly from this brush head are spaced plates 31. The upper ends of these plates are bifurcated to receive the fastening devices 17, so that the brush may be removably secured to the body 10.

It will be seen from the foregoing description and accompanying drawings that through the use of the invention, floors or other surfaces may be conveniently oiled or waxed, and polished. In addition, the material 15 may be removed and sand paper substituted, so that the invention may also be used for smoothing large surfaces. When used as a polisher or smoother, the follower 22 may be removed and a suitable weight substituted.

It is preferable to use in connection with the brush shown in Figure 6, a handle of the type illustrated in Figure 7. This handle is provided with a U-shaped member 27' whose arms are longer and are spaced wider apart than the arms of the member 27. The extremities of the arms 27' are pivotally attached to bars 31 and the opposite ends of these bars are provided with openings for the passage of the fastening devices 17, as shown by the dotted lines in Figure 6 of the drawings. This places the point of connection of the handle near the bottom of the hollow body 10 and prevents tilting of the body when the brush is being used.

When using a heavy wax, the follower 22 and the pressure regulating means therefor may be dispensed with and an electric heating element 32 may be substituted so as to melt the wax and permit it to freely pass through the openings 20 to the cloth 15. A plug and socket 33 is provided whereby the element 32 may be conveniently connected with a source of current.

The invention is susceptible of various changes in its form, proportions and minor details of construction and the right is herein reserved to make such changes as properly fall within the scope of the appended claims.

Having described the invention what is claimed is:—

1. A device of the character described comprising a hollow member having discharge openings in the bottom thereof, a handle secured to said member, an absorbent material arranged beneath the bottom of said member over the openings, means to regulate

the discharge openings, a follower within the hollow member, and adjusting screws threadedly engaging the hollow member and having their inner ends yieldingly connected with the follower to adjustably position said follower to force the contents of the hollow member outward through the discharge openings.

2. A device of the character described comprising a hollow member having discharge openings in the bottom thereof, a handle secured to the member, an absorbent material arranged beneath the bottom of said member over the openings and extending upward around the sides and ends of the hollow member, clamping strips extending along the upturned portions of the absorbent member around the hollow member and spaced below the edges of the absorbent member, a perforated slide movable within the hollow member over the bottom to regulate the discharge of the contents of said member, and a finger piece extending outwardly from the slide and frictionally engaging the edge of the absorbent material above one of the clamping strips to yieldingly hold the slide in adjusted position.

In testimony whereof I affix my signature.

JAMES A. TRIPP.