Sept. 14, 1926. 1,599,708

E. R. GEDGE

WAX DISTRIBUTOR AND POLISHER

Filed August 13, 1924

Fig. 1.

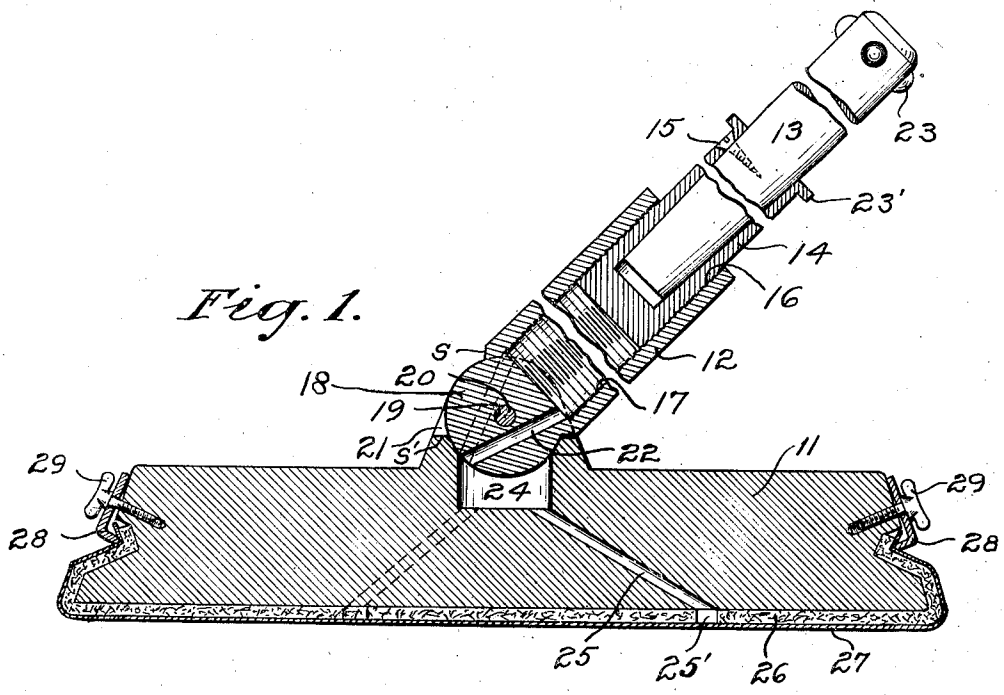
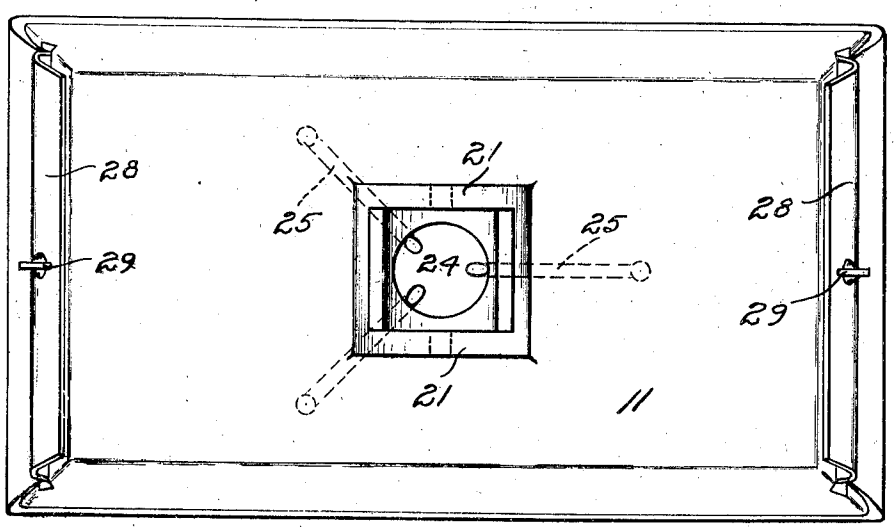


Fig. 2.



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EDNA R. GEDGE, OF LOS ANGELES, CALIFORNIA, ASSIGNOR TO PEERLESS PRODUCTS CO., A CORPORATION OF CALIFORNIA.

WAX DISTRIBUTOR AND POLISHER.

Application filed August 13, 1924. Serial No. 731,774.

My present invention is a floor-conditioning tool designed especially for use as a wax distributor and floor polisher; and it is an especial object of this invention to provide a wax distributing and floor polishing tool of simplified construction and improved appearance.

It is an object of this invention to provide a floor conditioning tool with a wax container connected both with a handle and with a weight through and by which wax may be applied to a floor; and a preferred embodiment of my invention may comprise a weight having a central cavity disposed between upstanding lugs by means of which a wax container is pivotally connected thereto; and this wax container may have threaded connection with a thimble secured upon or integral with a handle, the construction referred to being such that a rotation of the handle, or a rotation of the mentioned thimble upon the lower end thereof may be effective to press wax downwardly from said container and through the mentioned cavity in the weight at the lower end thereof, the wax so fed being preferably delivered through a plurality of inclined ducts opening through the bottom of said weight.

It is a further object of my invention to provide improved, simple and effective means for the retention of a fabric or fabrics, or the like, on the lower surface of the mentioned weight, my preferred means for this purpose comprising a plurality of substantially identical resilient clips formed of sheet metal and retained by thumb screws, or the like, all parts of the mentioned retaining means preferably lying below the top of the mentioned weight and within the horizontal dimensions thereof, this construction producing a trim appearance and avoiding all danger of scarring of mop-boards, or the like.

Other objects of my invention will appear from the following description of an advantageous embodiment thereof, taken in connection with the appended claims and the accompanying drawings, in which—

Fig. 1 is a median vertical section through a floor-conditioning tool illustrating my invention.

Fig. 2 is a top plan view of the weight element or main body thereof, with a fabric or fabrics so attached as to extend beneath the lower surface thereof.

Referring to the details of that specific embodiment of my invention chosen for purposes of illustration, 11 may be the weight or main body of my floor-conditioning tool, this element being comparatively heavy and provided with a substantially flat bottom, and 12 may be a wax container pivotally connected thereto and surrounding the lower end of a handle 13, shown as co-axially disposed, the said handle being preferably connected by means of a threaded thimble 14 provided at its lower end with a screw head 15, having external threads 16 adapted to engage suitable threads 17 upon the interior of the container 12.

The container 12 may be connected to the weight 11, or its equivalent, by means such as a bearing head 18 having a transverse opening 19 to receive a bolt 20 or the equivalent, whose ends may extend also through upstanding lugs 21 upon the weight 11. The weight 11 may also be provided with a duct or ducts 22, through which wax, or the like, may be pressed, upon the axial rotation of the handle 13, (shown as provided with prominences 23, as an aid to the gripping of the same) or upon the direct rotation of the thimble 14 (shown as provided with a knurled collar 23′).

To limit the pivotal movement of the container 12, or its equivalent, relatively to the weight 11, or its equivalent, so that wax delivered through the ducts 22 shall always enter a cavity 24, from which it can escape only through a duct or ducts 25, the container 12 and the weight 11 may be provided, respectively, with stops S, S′.

Although the described organization is capable of use in the application of any material suitably fluent to permit its delivery through ducts 25, the appropriate diameter of these ducts being obviously dependent upon the fluidity of the wax or other material to be delivered therethrough, and although the described organization might be employed even in the scouring of a floor or the like, as by means of a sheet of sand paper or other abrasive material secured thereto, I have shown my floor-conditioning tool as provided with a felt 26 and with a cloth 27, holes being preferably provided as at 25′, in the felt, to permit the delivery of wax, or the like, therethrough, the felt then serving primarily as a cushion element and the cloth 27, which may be a piece of ordinary cheese cloth, being effective in the distribution of

said wax. The felt 26, and the cloth 27, or either of these, or any other preferred sheet material, such as, for example, a sheet of sand paper for an abrasive use or a piece of carpet for a polishing use, may optionally be retained by means such as the resilient clips 28, shown as adjustable by means of thumb screws 29 both threaded into inclined walls of said weight, the dimensions of these clips and screws being preferably such that they may lie entirely below the top and within the horizontal dimensions of the bottom of the weight 11,—this construction contributing, as indicated above, to the trim appearance of my floor-conditioning tool and obviating the liability of accidental damage of mop-boards, or the like.

Although I have herein described a single complete embodiment of my invention, it will be understood that various features thereof might be independently employed and also that various modifications might be made by those skilled in the art, without the slightest departure from the spirit and scope of my invention, as the same is indicated above and in the following claims.

I claim as my invention:

1. In a floor-conditioning tool, a weight having a substantially flat bottom and means for the retention of a fabric thereon, a wax container pivotally connected with said weight, and a handle secured to said wax container and provided with means coaxial with said handle, for ejecting wax from said container toward said flat bottom.

2. In a floor waxer, a fabric-carrying weight having a substantially flat bottom; a wax container pivotally connected with said weight; a handle secured to said wax container and provided with means for ejecting wax therefrom; and means permitting a flow of wax directly from said wax container to and through said weight.

3. In a combination as described in claim 1, means whereby the lower end of said handle may be effective to force wax from said container through ducts opening in the lower surface of said weight.

4. An organization as described in claim 2, in which the said handle is provided at its lower end with threaded means for forcing wax from said container.

5. An organization as described in claim 2, in which the container is provided with a bearing projection through which extends a wax duct.

6. An organization as described in claim 2 in which said weight and said container are provided with co-operating stops to limit the relative movement therebetween.

In testimony whereof, I have hereunto set my hand at Los Angeles, California, this 7th day of August, 1924.

EDNA R. GEDGE.