Feb. 16, 1932. T. GLEN, JR 1,845,706

FLOOR POLISHER

Filed July 1, 1930

Fig. 1.

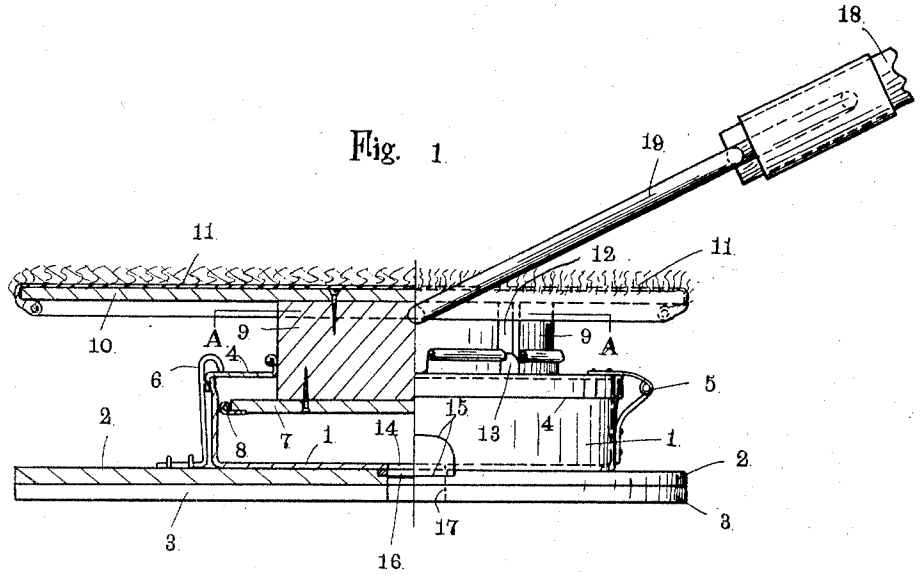
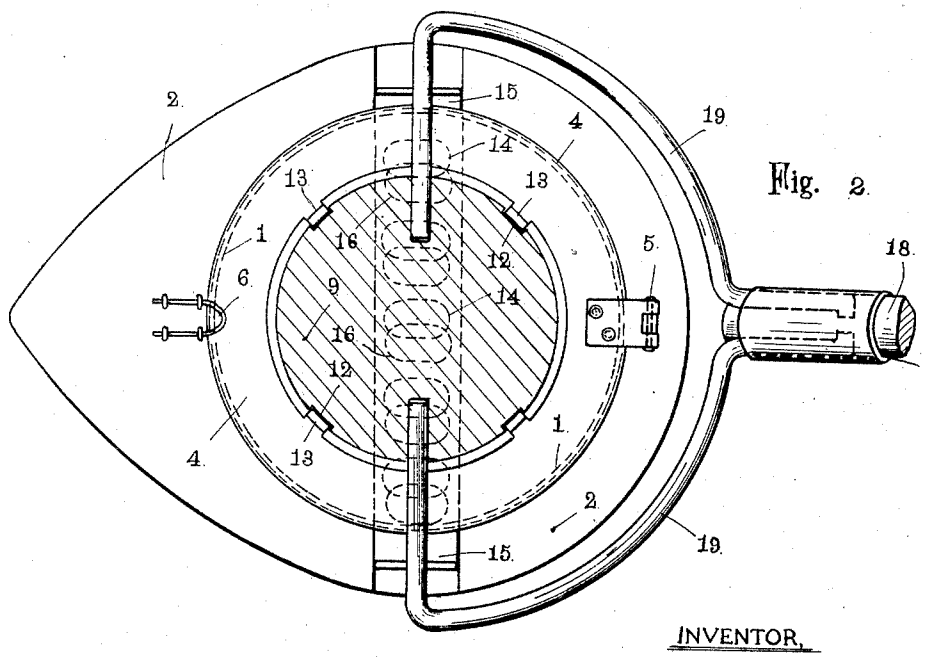


Fig. 2.



WITNESSES.

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UNITED STATES PATENT OFFICE

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FLOOR POLISHER

Application filed July 1, 1930, Serial No. 465,207, and in Australia August 5, 1929.

The invention relates to manually operated apparatus for distributing polishing material and polishing floors, linoleum and the like.

My invention is more particularly applicable for the employment of polishing paste and other semi-fluid polishes.

According hereto a container for the polish has a base upon which felt or similar material for distributing the polish is secured.

Apertures in the base correspond with similar apertures in the felt.

Within the container is a plunger having a cylindrical extension which projects upwardly through the top of the container and has secured upon it a plate to which sheep skin or other polishing material is applied.

Guide snibs projecting from the container engage in vertical grooves in the extension.

The apparatus is moved to and fro over the surface to be polished and the plunger is depressed to force out the polish by a handle having arms which fit into holes formed for their reception in the plate or in the extension.

The invention is illustrated in the drawings wherein:

Fig. 1 is a side elevation the left hand half in section and

Fig. 2 a plan on A—A Fig. 1.

A cylindrical container 1 for the polish is fixed to a base 2 upon the underside of which is a layer 3 of material suitable for distributing the polish.

A top 4 fits upon the upper end of the container to which it is connected by a hinge 5. A spring clip 6 keeps the top closed upon the container.

Reciprocable within the container is a plunger 7 around the circumference of which a rubber bead 8 may be employed for jointing purposes.

The plunger is secured to an extension 9 upon which is a plate 10 the surface of which is covered by sheep skin 11 or other material suitable for polishing.

The extension has vertical grooves 12 which receive guide snibs 13 preferably formed by cutting the edge of the top downwardy and bending the metal into the groove.

The base 2 has apertures 14 preferably in a diametrical row the openings of which are regulated by a slidable plate 15 having corresponding apertures 16. There are also corresponding apertures 17 in the distributing material 3.

A handle 18 is provided with arms 19 the ends of which fit into holes formed for their reception either in plate 10 or preferably, as shown in the drawings, in the extension 9.

In operation the top is turned upon the hinge 5 taking with it the plunger which is thereby withdrawn from the container.

The polishing paste is then placed in the container and the top replaced.

The slide plate is adjusted to regulate the delivery of polishing paste through the apertures 14, 16 and 17 the delivery being effected by exerting pressure upon the plunger by means of handle 18.

When the paste has been applied and distributed the apparatus is turned over and the polishing effected by the surface 11 of sheep skin.

I claim:—

A floor polisher comprised of the combination of a container for polish, a base thereon, distributing material attached to the base, the base and the distributing material having corresponding apertures, a plunger reciprocable in the container, an extension from the plunger, a top for the container through which the extension projects, a handle connected thereto, a hinge connecting the top to the container, a plate upon said extension and polishing material upon the plate as specified.

In testimony whereof I have signed my name to this specification.

THOMAS GLEN, JUN.