Nov. 20, 1945. A. T. ROGOVIN 2,389,276

CONTAINER AND APPLICATOR FOR WAX OR THE LIKE

Filed Dec. 14, 1943

Fig. 1.

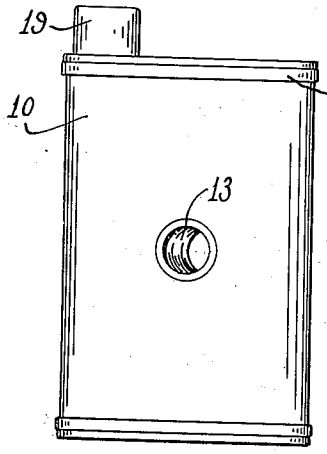


Fig. 2.

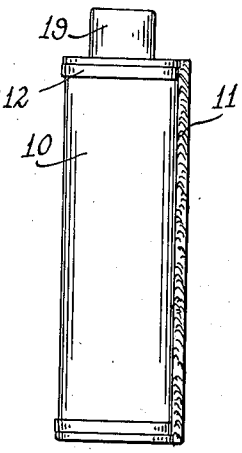


Fig. 3.

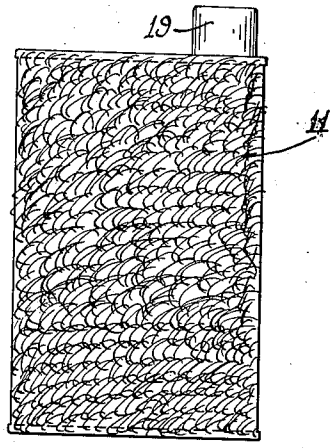


Fig. 4.

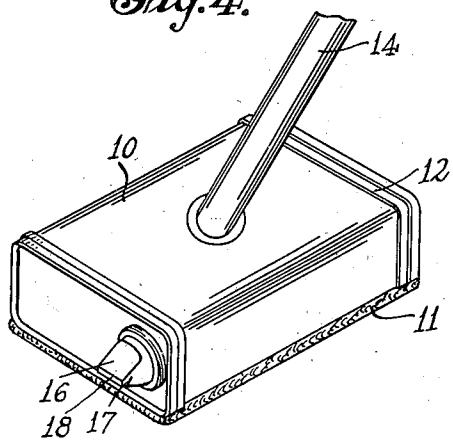


Fig. 5.

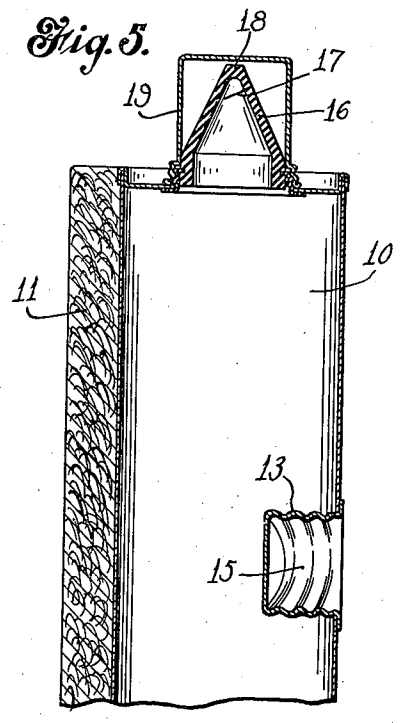
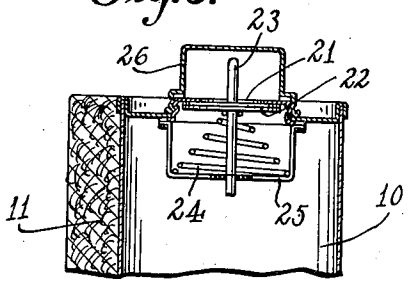


Fig. 6.



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CONTAINER AND APPLICATOR FOR WAX OR THE LIKE

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Application December 14, 1943, Serial No. 514,286

2 Claims. (Cl. 91—25)

This invention relates to a novel form of container for use with floor wax or similar products which are to be spread upon a floor or other surface and, more particularly, to a container which shall have secured thereto an applicator which may be used in applying the wax to the surface to be polished and which shall also have means for detachably securing a handle to the container so that the latter may be readily manipulated over the floor or other surface to spread the wax. Additionally, it is contemplated by the invention to provide a container with outlet means for the wax or other polishing material, such that it may be readily discharged from the container when desired for spreading upon the floor by the applicator. Moreover, the novel container is so arranged that the wax may be discharged from the container on the floor and spread by the applicator without continually kneeling or stooping by the person doing the work, and the handle attaching means is so arranged that it will not interfere with the packing of the containers of wax or other polishing material together in a carton, as is customary in shipping such products.

In applying wax to a floor, for example, it is common practice to pour the wax from a container or can in which it is customarily bought, onto the floor, and thereafter using a brush or applicator to spread the wax thinly upon the floor so that it may be polished, or, in the case of wax which does not require polishing, so that it will dry evenly and thinly form a hard coating. This means that the person doing the work must interrupt the spreading operation at frequent intervals to pour the wax from the container on the floor. This usually requires stooping to bring the container adjacent to the floor surface to prevent the splashing of the contents, and the application of wax to a floor thus involves continual stooping which becomes very tiresome.

One object of the present invention is to provide a novel form of container for containing wax or other polishing material and providing this container with a applicator or wax spreading element and also a detachable handle such that the handle may be removed when desired but secured to the container when it is desired to use the same, so that the wax may be discharged from the receptacle and spread upon the floor without the use of an applicator which is separate from the container.

A further object of the invention is to provide a novel container for wax or polishing materials, as described, and providing such container with a novel form of outlet means such that the outlet means will normally be closed but may be opened by tipping the container by means of the handle.

A still further object of the invention is to provide a container for wax or polishing material with a handle detachably secured thereto, the means for securing the handle to the container being such that it will not interfere with the packing of the containers compactly for shipment.

To these and other ends the invention relates to the novel features and combinations of parts to be hereinafter described and claimed.

In the accompanying drawing:

Fig. 1 is a front elevational view of a container embodying my improvement;

Fig. 2 is an end view of the same;

Fig. 3 is an elevational view of the container, showing the side opposite that shown in Fig. 1;

Fig. 4 is a perspective view, showing the container with the handle secured in place;

Fig. 5 is a sectional view through the container, showing the means for securing the handle in place and also the outlet means; and

Fig. 6 is a sectional view of the upper portion of a container in modified form, showing a different form of outlet means.

To illustrate a preferred embodiment of my invention, I have shown in the drawing a container 10 of usual form, which is substantially of rectangular shape but which may, of course, be of any desired form. Preferably, however, the container will be provided with at least one flat side, to which an applicator 11 may be secured. This applicator may be in the form of a soft cloth or any other suitable material and will preferably substantially cover the side of the container to which it is attached, so that when the container is moved over the floor, the applicator will contact therewith and the floor will not be scratched by contact of the container. The applicator may be secured to the container in any way desired, such for instance as by the elastic strips 12 as shown in the drawing, so that it may be readily removed for cleaning or for application to another container. If desired, however, the applicator may be permanently secured to the can or container 10 and a new applicator furnished with each can of wax when the latter is sold.

Upon the wall of the container, opposite that to which the applicator 11 is applied, is provided a socket 13 for the reception of the lower end of a handle 14. From reference to Figs. 1, 4 and 5 it will be apparent that the socket 13 is depressed so as to lie substantially wholly below the sur-

face of the container wall. In this way there will be no projecting portion to interfere with the close and compact packing of the containers in shipping or to interfere with the storing of the container upon a shelf. Moreover, it will also be seen that the socket 13 is inclined with respect to the plane of the wall of the container to which it is attached so that the handle 14 may fit snugly therein and project from the container at the proper angle instead of rising vertically therefrom. Also, the socket 13 may be provided with screw threads 15 and the lower end of the handle 14 similarly threaded so that the handle may be readily and detachably secured in place by screwing the lower end thereof into the socket. It may thus be readily removed when it is desired to store the container or during shipping thereof.

It will be apparent that with the above construction a container, as described, may be sold full of wax or desired polishing material, and that an applicator 11 may be attached thereto either permanently or detachably, and that, when the handle 14 is secured in place the container itself may be used as a mop or brush to spread the wax upon the floor by means of the applicator. In such case, however, it would be necessary at intervals for the person using the device to raise the container from the floor and unscrew a cap or other closing device and pour the wax upon the floor so that it may be spread by the applicator 11.

In order to simplify this latter operation and render it less tiresome, I have provided the container with an end outlet 16 which may be of some material such as natural or synthetic rubber, this outlet member being wedge-shape in form as shown in Figs. 4 and 5, and provided with an opening in the form of a slot 17 which lies upon one side of the outlet member and below the apex 18. It will be apparent that, when the upper portion of this outlet member is engaged by some object and moved in one direction as permitted by the resiliency of the material of which it is made, the slot 17, which is normally closed, will be opened and will allow the material to flow upon the floor. With the construction shown, it will be seen that it is only necessary when the container is resting upon the floor in the position shown in Fig. 4, for example, for the operator to give the handle 14 a slight twist. This will tilt the can upon one edge and thus cause the upper end 18 of the outlet member to contact with the floor and cause some of the wax to be discharged. Moreover, it will be seen that this tilting is in the same direction as would be the case in merely pouring wax from the container upon the floor, so that substantially the entire contents of the can may be gradually discharged in this way. The operation may be performed without any stooping or without removing the hands from the normal position upon the handle 14 so that it requires no substantial, additional effort to tilt the can, discharge some of the contents on the floor, and thereafter proceed with the spreading operation.

The outlet element 16 may be covered by a cap 19 during shipping or storage, so that it will be protected and the contents of the container prevented from leaking or being discharged.

In Fig. 6 of the drawing, I have shown a somewhat modified form of container, which is provided with a different form of outlet means. In this instance, an outlet member is provided at the upper end of the can which has an opening 21 normally closed by a valve 22 mounted on a guide stem 23, the valve being held against the opening by a compression spring 24 supported by a spider 25 disposed within the can but secured to the top end thereof. The outlet 21 may, in this instance, be covered by a screw cap 26 similar to the cap 19 shown in Fig. 5, so that the valve will be protected except when the device is not in use.

The modified form of my valve in Fig. 6 operates substantially like the outlet means previously described and illustrated in Figs. 4 and 5. When it is desired to use the device, it will of course be understood that the cap 26 is removed so that the projecting end of the valve stem 23 will be exposed. Therefore, when it is desired to discharge some of the wax from the container on the floor, it is only necessary to tip the container by twisting the handle 14 as described above until the outer end of the stem 23 engages the floor, thus pushing the valve inwardly against the action of the spring 24 and releasing or discharging some of the contents of the can.

While I have shown and described some preferred embodiments of my invention, it will be understood that it is not to be limited to all of the details shown but is capable of modification and variation within the spirit of the invention and within the scope of the appended claims.

What I claim is:

1. A container for wax or the like, having a flat face and an applicator secured upon said face, a handle detachably secured to said container at a side opposite that upon which the applicator is secured, said container being provided with outlet means on an end wall thereof joining said faces, said outlet means being normally closed, and means engageable with the floor or the like for opening said outlet means.

2. A container for wax or the like, having an applicator secured upon a face thereof, a handle secured upon an opposite face thereof and projecting upwardly therefrom in an inclined direction whereby the container may be moved along the floor with the applicator in contact with the floor, said container being provided with outlet means at one end, and means for controlling the discharge of the container through said outlet means by tipping said container to engage said controlling means with the floor.

ABRAHAM T. ROGOVIN.