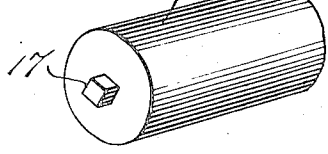
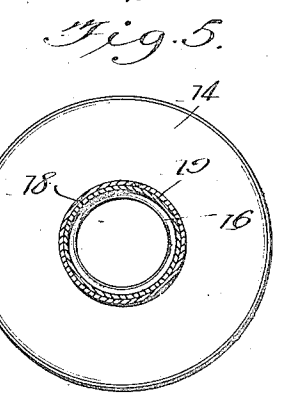
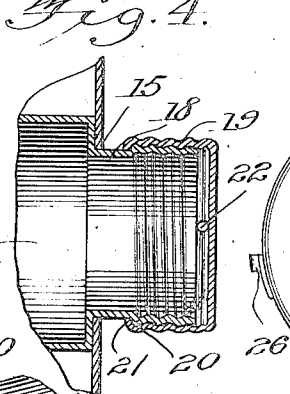
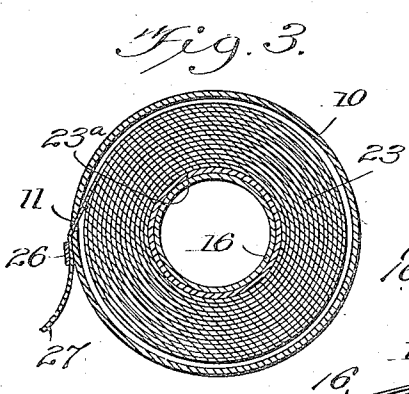
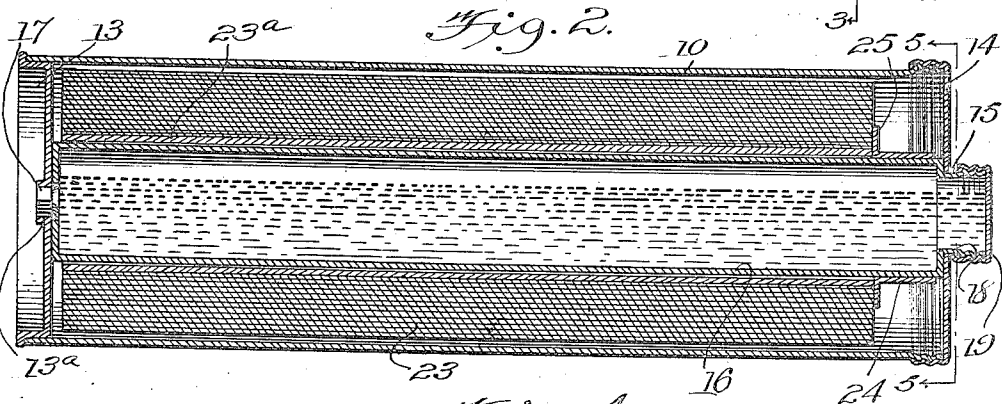
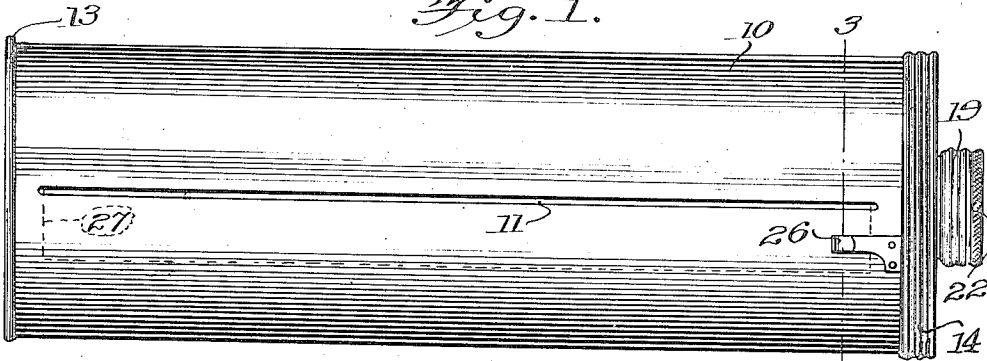


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COMBINATION CLEANING OUTFIT.
APPLICATION FILED DEC. 18, 1915.

1,255,772.

Patented Feb. 5, 1918.



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COMBINATION CLEANING OUTFIT.

1,255,772.

Specification of Letters Patent.

Patented Feb. 5, 1918.

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To all whom it may concern:

Be it known that I, ROY C. MILLER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented new and useful Improvements in Combination Cleaning Outfits, of which the following is a specification.

The invention relates to devices, particularly adapted to washing and cleaning the hands and face and has for an object to provide a compact package that can be conveniently carried about, and which contains the necessary constituents for removing dirt, grease or dust from the body.

My invention is particularly useful to automobilists, in instances where the autoist, having completed some repairs, to his machine on the road, desires to remove accumulations of grease or dirt from his hands and face, at least until he can reach a habitation or road-house and obtain the desired soap and water. To this end there is provided a package containing a liquid soap, with convenient means for sprinkling the liquid upon the hands or face to remove the accumulated grease and dirt. Further a towel can be used to dry the washed and cleaned parts of the body, the liquid and towel being both carried in the same package and arranged to be readily accessible without wasting the same.

Still further, the structure contemplated, is so designed that when not in use, there will be no leakage, therefore permitting of storing the unit away in the tool box or under the seat in the automobile.

In the further disclosure of the invention reference is to be had to the accompanying drawings, constituting a part of this specification, in which similar characters of reference denote corresponding parts in all the views, and in which:—

Figure 1 is a front elevation of the article,
Fig. 2 is a vertical longitudinal sectional view, taken through the article,

Fig. 3 is a vertical transverse sectional view, taken on the line 3—3 in Fig. 1,

Fig. 4 is a fragmentary enlarged sectional view, showing the closure cap in position to permit of an emittance of the fluid,

Fig. 5 is a vertical transverse sectional view taken on the line 5—5 in Fig. 2, and

Fig. 6 is a fragmentary perspective view of one end of the fluid container.

Referring more particularly to the views,

I provide a substantially tubular casing 10, preferably of metal or cardboard, and provided with a longitudinal slot 11, extending almost throughout the length of the casing. An end 13, forming a rigid part of the casing has an elongated opening 13^a therein and a cover 14 for the casing is threaded onto the opposite end as shown, said cover being provided with a central opening 15.

Disposed within the casing 10 is a liquid container 16, preferably tubular in shape and formed at its closed end with an elongated lug 17, fitting into the opening 13^a to prevent rotation of the container in the casing. The other end of the container has a threaded neck 18 projecting through the opening 15 of the cover 14 and which latter element, may if desired, be soldered to the neck at their points of contact. Thus it will be seen that the cover 14 acts also as a centralizer to hold the outer end of the container centrally in the casing.

A cap 19 is threaded onto the neck 18 and when screwed up thereon will close the container and prevent leakage of a liquid soap with which the container is filled. An annular rib 20 is formed on the neck near its inner end and an annular portion or edge of the cap is crimped inwardly when the cap has been screwed up on the neck, thus forming a flange 21, which engaging the stop rib 20 limits the unthreading of the cap and prevents removal thereof from the neck. Referring to Fig. 4 it will be seen that the cap has a vent opening 22, which, when the cap is in open position as shown in Fig. 4, permits of sprinkling the fluid from the container onto the hands. When the cap is closed or screwed upon the neck the opening 22 will be covered by the neck, thus sealing the former and preventing leakage.

As shown a roll 23, of paper toweling or some other moisture absorbing material, encircles the container 16, and in fact is supported thereby, said roll being carried on a tubular sleeve 23^a loosely encircling the container. The roll is inserted in the casing with the container, the former having been first arranged to encircle the container before placing it in the casing. To insure proper unwinding of the roll a collar 24, having a bulge or flange 25, is arranged to loosely encircle the container near one end and abut against the underside of the cover, the said collar preventing longitudinal movement of the roll within the casing.

On the exterior of the casing 10 there is provided a suitable clip 26 and the free end 27 of the roll 23, having been trained through the slot 11, is caught beneath the clip thus holding the free end of the roll from further advancement and thereby preventing to a great extent any undue unwinding of the roll within the casing.

The outfit described is preferably carried in the tool box of the automobile and forms a part of the kit or equipment thereof. Now the autoist, being in a remote place on the road and desirous of cleaning his hands and face, needs only to remove the outfit from the tool box and revolve the cap 19 upon the neck 18 to uncover the opening 22 so that a quantity of the liquid soap in the container 16 can be sprinkled on the hand. When the dirt and grease have been softened by rubbing the liquid soap well into the skin, and the dirt and grease practically removed by the operation, the autoist, releases the projecting end 22 of the roll of toweling, from the clip 26, and, pulling on the former, causes the roll to unwind and a quantity thereof to advance through the slot 11. This removed part of the roll, in the nature of a towel can now be severed from the body of the roll, adjacent the slot, and then used as any ordinary towel is used, to dry the hands or face previously treated with the liquid soap.

It will, of course, be clear that the roll can be easily renewed and that a new container full of liquid soap supplied in place of one that has been emptied.

Thus there is provided a simple, effective and compact outfit that will take up but very little room in the tool box and which can be quickly and effectively used for the desired purpose.

Having described my invention, I claim:—

1. A device of the character described embodying a casing having a longitudinal slot, a fluid containing vessel centrally disposed within the casing and held therein by the opposed ends of the casing, said vessel having its discharge end projecting beyond the adjacent end of the casing, means for controlling the discharge of the fluid from the projected end of the vessel, and a towel-roll supported directly on said vessel for rotation thereabout and having one end projecting through said slot.

2. A device of the character described embodying a casing having a slot therein, a fluid containing vessel fitted within the cas-

ing and fixed relatively thereto, a towel-roll supported by the vessel for rotation thereabout, a collar surrounding said vessel to prevent longitudinal movement of the roll with respect to the vessel, and means for controlling the discharge of fluid from said vessel.

3. A device of the character described comprising a casing having a longitudinal slot therein, a cover removably associated with the casing, and provided with a central opening, a fluid containing vessel fitted within the casing and fixed relatively thereto, one end of said vessel projecting through the opening in the cover, means for controlling the discharge of fluid from the projected extremity of the vessel, and a towel-roll supported directly on the vessel for rotation thereabout and having one end extended through said slot.

4. A device of the character described comprising a casing having one end closed, a liquid receptacle mounted in said casing, a closing cap for the other end holding the receptacle in the casing, said cap being apertured to permit the passage of the discharge end of said receptacle, and a towel holding sleeve mounted directly on the receptacle and arranged between the same and said casing.

5. A device of the character described comprising a casing having one closed end, a liquid receptacle mounted in said casing, a closing cap for the other end holding the receptacle in the casing, said cap being apertured to permit the passage of the discharge end of said receptacle, a towel holding sleeve mounted within the casing for rotation directly on said receptacle, and means including the closed end for holding the sleeve against longitudinal displacement.

6. In combination with a slotted cylinder having one closed end, an apertured closing cap for the opposite end of the cylinder, of a liquid receptacle held in place in the cylinder between the cap and said end and having a discharge end projecting through the cap, a towel supporting sleeve mounted for rotation on the receptacle, and a limiting collar on the receptacle coacting with the closed end to hold the roll against displacement longitudinally, said cylinder being slotted to permit the passage of the towel carried by the sleeve.

In testimony whereof I affix my signature.

ROY C. MILLER.