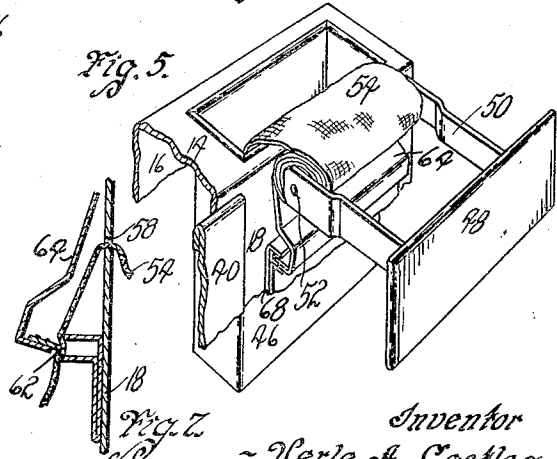
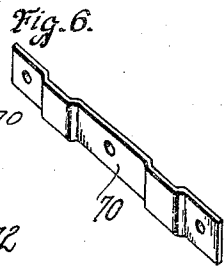
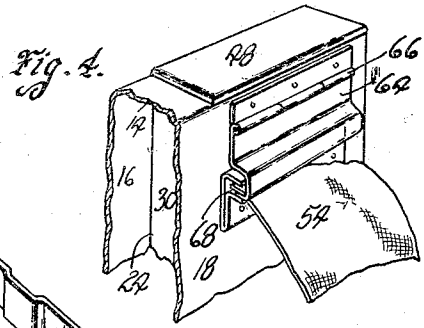
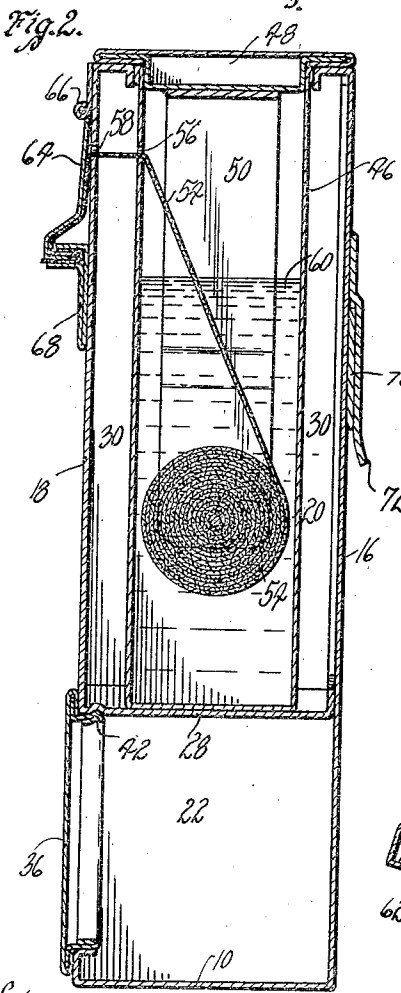
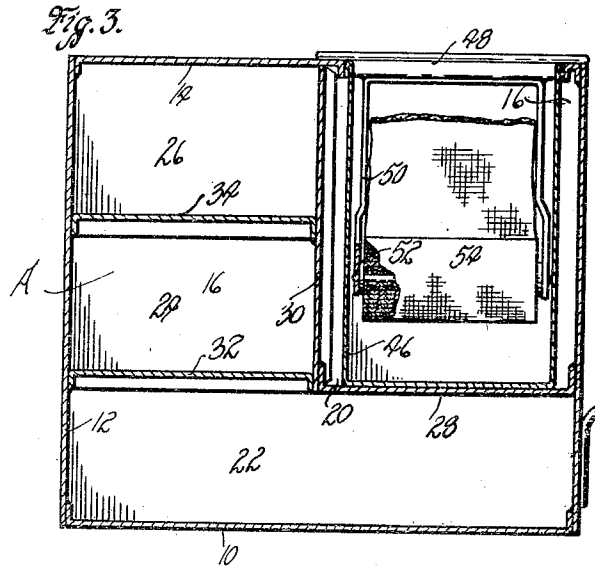
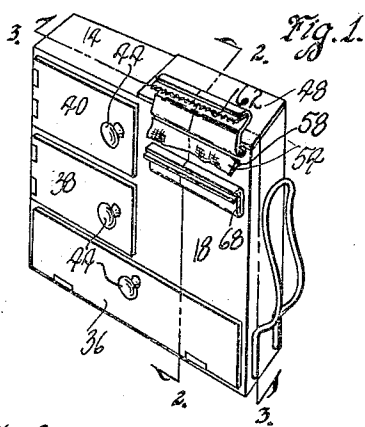


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V. A. CASTLE
SANITARY APPLIANCE
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1,869,664



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UNITED STATES PATENT OFFICE

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SANITARY APPLIANCE

Application filed July 28, 1930. Serial No. 471,401.

An object of this invention is to provide a sanitary appliance which is durable, inexpensive, and comparatively easy to manufacture.

A further object of my invention is to provide a sanitary appliance including a tank of water or other cleaning fluid with means for supporting a roll of fabric in such a way that the fabric can be unrolled, dampened by the water, held in a channel shaped holder, and then a piece torn from it while being held.

A further object is to provide a sanitary appliance of this general character having storage compartments, each provided with a door so that the device can be used for holding small articles, the appliance being very desirable in an automobile for instance.

A further object is to provide suitable means for supporting the device either on the dash or door of an automobile, or on the back of the front seat if desired.

The supporting means, of course, can be attached to the members mentioned or may be attached to a wall in a residence so that the device can be used in a home or factory, or wherever it may be found desirable.

More particularly, it is my object to provide a liquid holding tank with a cover having a roll supporting means depending therefrom, a roll of fabric being supported thereby and extending from the tank through a combined holder and cover means for the fabric outside of the tank, a flange being provided against which to tear a piece of fabric from the roll.

With these and other objects in view my invention consists in the construction, arrangement and combination of the various parts of my device, whereby the objects contemplated are attained, as hereinafter more fully set forth, pointed out in my claims, and illustrated in the accompanying drawing, in which:

Figure 1 is a perspective view of my improved sanitary appliance.

Figure 2 is an enlarged sectional view on the line 2—2 of Figure 1, showing the roll of fabric in the tank.

Figure 3 is a sectional view on the line 3—3

of Figure 1, showing the fabric in the tank and the storage compartments.

Figure 4 is a perspective view of a portion of the fabric dispensing mechanism showing a piece of fabric being torn from the roll of fabric.

Figure 5 is a perspective view of the liquid tank cover, the fabric and the roll of fabric removed from the tank, as when filling the same with water or the like.

Figure 6 is a perspective view of a supporting bar for the sanitary appliance.

Figure 7 is a sectional view somewhat similar to the upper left hand corner of Figure 2, illustrating the parts in a different position.

On the accompanying drawing I have used the reference numeral 10 to indicate the bottom of a casing A, the sides, top, back, and front thereof being indicated by the reference numerals 12, 14, 16 and 18.

The interior of the casing A is divided into compartments 20, 22, 24 and 26 by wall members 28, and 30, and shelves 32 and 34. The compartments 22, 24 and 26 are closed by hinged doors 36, 38 and 40.

Friction latches as shown at 42 may be provided for each of the doors adjacent the knobs 44 which are provided for convenience in opening and closing the doors.

Within the compartment 20 a removable tank 46 is positioned. The tank 46 has an open top which may be closed by a cover member 48.

Depending from the cover member 48 are fabric supporting arms 50 adapted to rotatably support a pin or the like 52 on which a roll of fabric 54 is wound. Slots 56 and 58 in the tank 46 and the wall 18 respectively are provided through which the fabric 54 extends, as shown in Figure 2. The tank 46 is adapted to contain a quantity of water 60 or other cleaning fluid as desired.

A holding means for the fabric 54 is provided in the form of a serrated holder blade 62 supported on a hinged cover plate 64. The hinge connection for the cover plate 64 is indicated at 66. The holder blade 62 is adapted to assume a position in a channel member 68 into which two thicknesses of the fabric 54

are forced, the blade 64 swung to the position shown in Figures 2 and 4. Figure 7 illustrates the holding blade 62 being introduced into the channel member 68.

5 As the fabric is held by the blade 62 a piece may be torn therefrom as shown in Figure 4, the lower flange of the channel member serving as a tearing edge for the fabric. After a piece of fabric is torn from the roll of fabric the remaining portion projecting from the slot 58 is concealed by the plate 64.

10 By providing the roll of fabric immersed in the liquid 60 a piece when torn therefrom will be wetted by the liquid so that the motorist for instance may conveniently obtain a damp cloth for cleaning his hands after changing a tire or the like.

The roll of fabric could be supported out of the liquid and guided into it for wetting the fabric without wetting the entire roll of it if desired.

15 As shown in Figure 5, the top 48, arms 50 and roll of fabric 54 may be removed from the tank 46 when it is desired to replenish the supply of fluid therein. The parts may also be lifted to this position for removing the fabric by inserting another roll and when this is necessary it also becomes necessary to remove the tank 46 so that the fabric can be threaded through the slot 58 in the casing A.

20 One of the storage compartments 22, 24 or 26 could be utilized for containing a roll of dry fabric for drying the hands after they are cleaned if desired.

25 For supporting the casing A I provide a supporting bar 70 shown in Figure 6 of the drawing which may be attached by screws or bolts to any desired substantially vertical surface and with which clips 72 on the casing A may coact. By this arrangement the casing is removable from the supporting bar and consequently from the surface to which it is attached.

30 Other ways may be provided for moistening the fabric from the supply of liquid 60, and other changes may be made without departing from the real spirit and purpose of my invention, and it is my intention to cover by my claims, any modified forms of structure or use of mechanical equivalents, which may be reasonably included within their scope.

I claim as my invention:—

1. In a sanitary appliance of the kind described, a casing, a compartment therein, a tank for liquid in said compartment, and removable therefrom, a slot in said tank, a cover for said tank, a roll support depending therefrom for a roll of fabric, the slot in said tank being provided for such fabric to extend through, a slot in said casing for such fabric to extend through also, holding means for such fabric and a tearing edge adjacent thereto for such fabric.

2. In a sanitary appliance of the kind de-

scribed, a tank for fluid, means for supporting a roll of fabric in said tank, a slot in said tank from which such fabric extends, a channel member for holding such fabric and a blade adapted to be inserted therein, one flange of said channel constituting a tearing edge for such fabric.

3. In a sanitary appliance of the kind described, a casing, a tank, therein for fluid, means for supporting a roll of fabric in said tank, a slot in said casing from which such fabric extends, a channel member and a blade for holding such fabric in said channel whereby a piece may be torn therefrom over one flange of said channel.

4. In a sanitary appliance of the kind described, a casing, a tank for fluid therein, means for supporting a roll of fabric in said tank, a slot in said casing from which such fabric extends, a channel member and a hingedly mounted serrated blade for holding said fabric in such channel whereby a piece may be torn therefrom over one flange of said channel.

5. In a sanitary appliance of the kind described, a tank for fluid, means for supporting fabric in the tank, such fabric extending therefrom, a holder for such fabric comprising a hinged member covering the portion of such fabric projecting from the casing, a flange on said hinged member and a stationary flange, said flanges being adjacent each other when said hinged member is in fabric holding position whereby one of said flanges constitutes a tearing edge for such fabric, said hinged member, when swung to non-holding position, permitting access to such fabric for withdrawing it from the tank.

6. In a sanitary appliance of the kind described, a casing, a compartment therein, a tank for liquid removably mounted in said compartment, a slot in said tank, a cover for said tank, a roll support depending from said cover for supporting a roll of fabric, the slot in said tank being for the fabric to extend through, and a slot in said casing for the fabric to extend through also.

Des Moines, Iowa, July 21, 1930.

VERLE A. CASTLE.