United States Patent

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[54] **LIQUID WASTE CONTAINER**
2 Claims, 3 Drawing Figs.

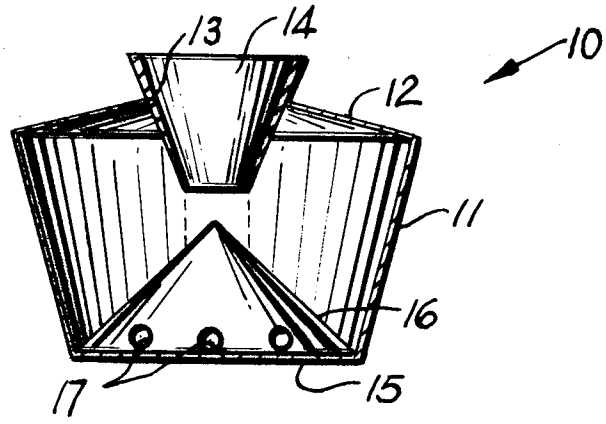
[52] **U.S. Cl.** **4/258**
[51] **Int. Cl.** **A61c 17/04**
[50] **Field of Search** 4/258, 274, 267, 261, 283, 285

[56] **References Cited**
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Primary Examiner—Samuel B. Rothberg

ABSTRACT: A device for receiving liquid waste, the device being on the order of a cuspidor. The main body of the device includes a flexible upper wall to which is secured an upwardly extending funnel which may be pushed downward onto an internal cone secured to the bottom wall of the device in order to close the device.



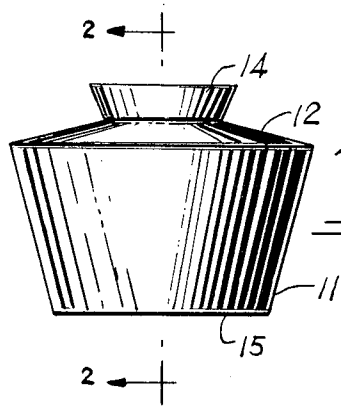


Fig. 1.

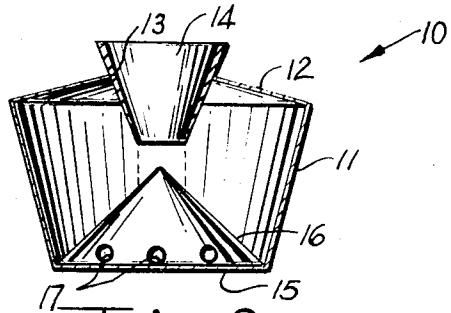


Fig. 2

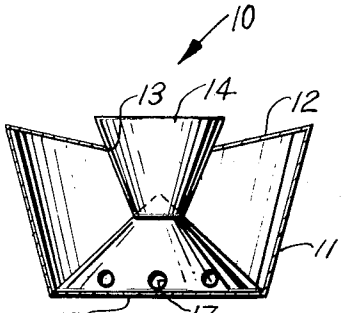


Fig. 3.

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LIQUID WASTE CONTAINER

This invention relates to containers, and more particularly to a liquid waste container.

It is therefore the primary purpose of this invention to provide a liquid waste container which will have a hollow main body with a flexible upper wall within which is secured a funnel for receiving the liquid waste so that it may be directed downward into the main body of the device.

Other objects of this invention are to provide a liquid waste container which will have a hollow cone secured to the bottom wall on the interior of the container, the apex portion of the cone being received within the funnel, this arrangement serving to prevent spilling the contents thereof.

A further object of this invention is to provide a container of the type described which will have openings in the hollow cones secured within the bottom, in order to increase the capacity of the container, the cone having openings also serving as baffle means within the liquid, thus aids in preventing accidental spilling of the contents from the container.

Other objects of the present invention are to provide a liquid waste container which is simple in design, inexpensive to manufacture, rugged in construction, easy to use and efficient in operation.

These and other objects will be readily evident upon a study of the following specification and the accompanying drawing wherein:

FIG. 1 is a vertical view of the present invention shown in elevation;

FIG. 2 is a cross-sectional view taken along the line 2—2 of FIG. 1; and

FIG. 3 is similar to FIG. 2, but showing the container closed.

According to this invention, a liquid waste container 10 is shown to have a main body 11 having an upper flexible wall 12. An opening 13 centrally located through wall 12, carries funnel 14 which tapers on the interior of body 11.

It shall be noted that funnel 14 serves to direct the waste fluid into the container 10.

The main body 11 also includes a bottom wall 15 to which is secured fixedly on the interior of body 11, a cone 16 having a plurality of spaced-apart openings 17 which allow for container 10 to have an increased liquid-receiving capacity.

In use, when the liquid level becomes high enough it will flow into the opening 17 of cone 16 thereby increasing the capacity of container 10, the cone 16 also acting as baffle means for aiding in the preventing of spilling liquid therein.

When it is desired to close container 10 pressure upon funnel 14 will cause upper wall 12 to flex downward and the small-diameter portion of funnel 14 will engage the apex portion of the inner cone 16 thus closing off funnel 14.

What I claim is:

1. A liquid waste receiving container, comprising, a tapered and hollow main body a bottom wall, a flexible upper wall carried by said main body having an opening centrally thereof, a frustoconical-shaped funnel engaging in said opening of said flexible upper wall and a hollow perforated cone carried by said bottom wall whereby liquid will flow through said perforations thereby increasing the capacity of said container.

2. The combination according to claim 1 wherein said funnel in said upper wall when urged downwardly flexes said upper wall downwardly within said main body and said funnel engages the apex portion of said cone on said bottom, whereby said bottom cone also acts as a baffle for the liquid waste and aids in preventing spilling of said liquid waste when said funnel is not closed off by said bottom cone.

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