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CLOSURE FOR CONTAINERS

Filed April 24, 1926

Fig. 1.

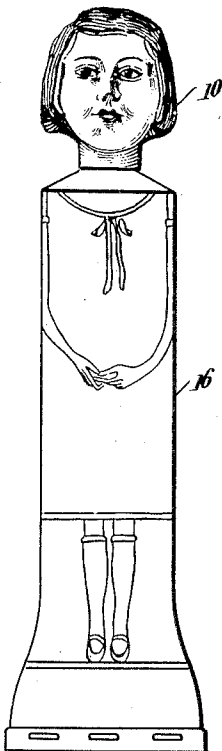
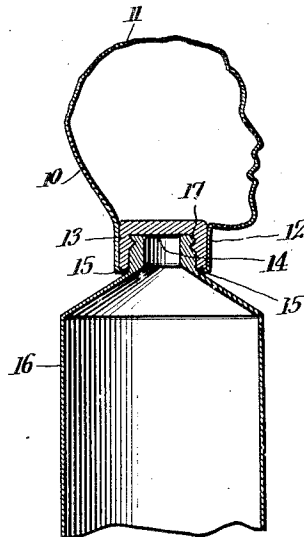


Fig. 2.



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CLOSURE FOR CONTAINERS.

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The present invention relates to closures for small receptacles, and aims generally to improve closures for receptacles such as tubes, bottles or jars.

5 In the drawings I have illustrated for descriptive purposes an embodiment of my invention wherein the closure is of the threaded type adapted to close and seal the opening of a collapsible tube, as for instance col-
10 lapsible paste tubes.

In the drawings,

Fig. 1 is a front elevation of a collapsible tube more particularly adapted for children's tooth paste, associated with one form of my
15 improved closure, and

Fig. 2 is a vertical sectional view through the closure.

In the embodiment of the invention illustrated in the drawings, the improved closure
20 comprises a head portion 10, constituting an ornamental handle for manipulating it. This head may be formed of any suitable material, as for instance, celluloid or other moldable sheet material, pyroxylin or sim-
25 ilar light weight plastic composition, preferably of a specific gravity less than water, and suitably molded, or otherwise formed to provide a figure of a size suitable to serve as a handle member, and which will be of
30 artistic and pleasing appearance. The head portion 10, if desired, may be shaped in the form of a human head, (as shown in Fig. 1) so as to provide a rounded end on top 11, and a reduced neck portion 12. A metal
35 plug 13 is secured within the neck portion 12 of the head in any approved manner as by cementing it thereto, and preferably is recessed, as at 14, to receive therein the neck
40 15 of a collapsible tube or container 16, of usual construction. The neck 15 of the container 16 and the recessed portion 14 of the plug 13 may be formed with suitable interlocking means, as for instance screw threads
45 17, for securely locking the closure to the container.

The closure constructed in accordance with my invention provides a buoyant body which will float in water, and may thus be readily recovered if dropped into a receptacle containing water, as for instance a water closet
50 bowl. Another advantage is that the head is of sufficient size to constitute a handle member easily grasped to manipulate the closure, whereby it may readily be applied

to or removed from the container by small
55 children. When the head portion is shaped in the form of a human head, the weighted neck portion 12 opposite the rounded end 11, tends to cause the head to roll over and stand in an upright position when placed upon a
60 table or other support, whereby the closure will be in a position to be picked up by the user ready to be attached to the container. Another advantage is that the closure is of a size sufficient to prevent it from being lost
65 in the drains of sinks or basins.

Collapsible containers for paste, of the form shown, are usually made from a relatively soft metal, and excessive pressure applied to the ordinary closure to tighten it
70 upon the container, often results in the stripping of the screw threads or other interlocking means between the discharge end 15 of the container and the closure. This is avoided with my improved closure for the
75 reason that the head 10 will be rotated about the plug 13 before sufficient pressure is applied to the closure to strip the threads or other interlocking means.

Obviously my invention is not restricted
80 to the specific design and details of construction shown and described.

What I claim as my invention and desire to secure by Letters Patent is:

1. A closure for containers, comprising an
85 enlarged hollow figured head portion and a reduced neck portion, said head constituting a handle member, a metallic member secured within and to said neck portion and provided with means adapted for interlocking en-
90 gagement with the neck portion of the container.

2. A closure for containers, comprising an enlarged hollow, figured head portion and a
95 reduced neck portion, said head of a relatively light weight material constituting a handle member, a metallic member secured within and to said neck portion and provided with means adapted for interlocking
100 engagement with the neck portion of the container.

3. A closure for containers having a screw threaded neck portion, comprising a hollow
105 head portion of light weight material having a specific gravity less than that of water, constituting a handle portion, and a heavier internally screw threaded member secured to said head portion and adapted for inter-

locking engagement with the neck portion of the container.

4. A closure for containers having a screw threaded neck portion, comprising a hollow head portion of light weight material constituting a handle portion, and a heavier internally screw threaded member secured to said head portion and adapted for interlocking engagement with the neck portion of the container, said closure having a specific gravity less than that of water.

5. A closure for collapsible containers having a screw threaded neck, comprising a hollow member formed of light material shaped to resemble a human head and neck, the head portion of said member constituting a handle portion, and an internally screw threaded plug member of heavier material than said head, secured within said neck, said plug member constituting a weight eccentrically of said closure member, whereby said closure members will tend to assume an

upright position when placed upon a flat surface.

6. A closure for collapsible containers having a screw threaded neck, comprising a hollow member of celluloid or equivalent plastic material shaped to resemble a human head and neck, the head portion constituting a handle portion, and an internally screw threaded plug member secured within said neck and adapted for cooperative engagement with the neck of a container.

7. The combination of a compressible container having a contracted portion constituting an outlet, of a closure for said outlet comprising a cap member having interlocking engagement therewith, and a hollow figured member attached to said plug member and projecting therefrom and constituting a handle portion therefor.

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

ROBERT J. VAUGHAN.