

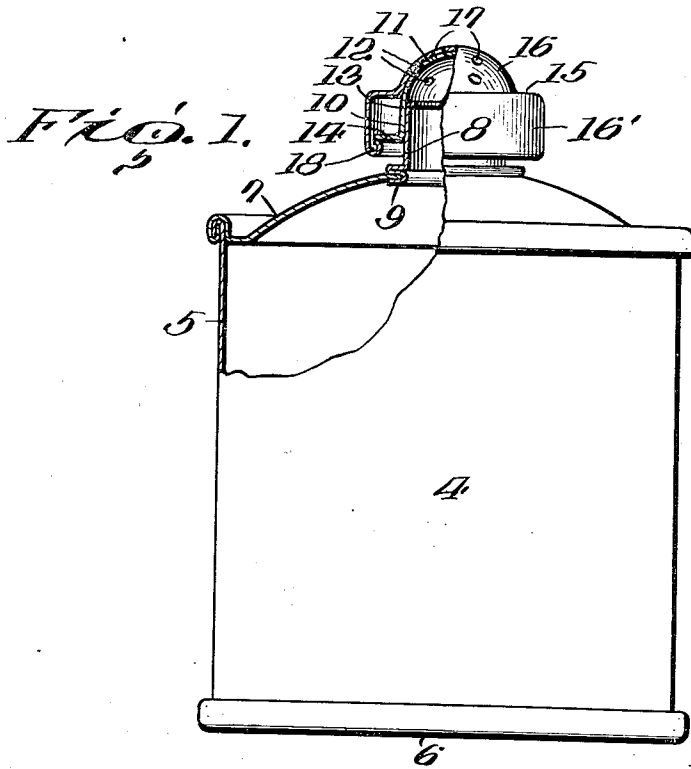
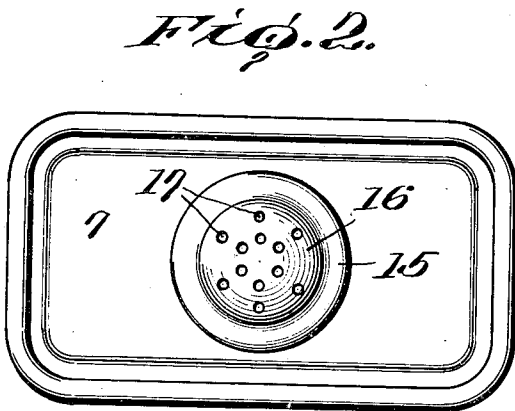
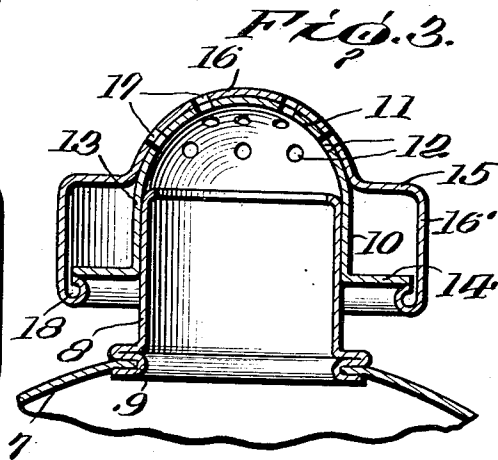
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DISPENSING CONTAINER

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DISPENSING CONTAINER

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3 Claims. (Cl. 221-64)

The invention relates to a dispensing container and more particularly to a container for dispensing tooth powder and the like.

An object of the invention is to provide a container of the above type with a reduced neck portion, said neck portion having an inner cap fixedly attached thereto and an outer cap conforming to said inner cap and yieldingly held in contact therewith.

A further object of the invention is to provide a container of the above type wherein the inner and outer caps therefor have dispensing openings therethrough whereby the means which yieldingly holds said caps against one another will allow free rotation of the parts for bringing into and out of registry the dispensing openings therein for opening or closing the neck of the container.

These and other objects will in part be obvious and hereinafter be in part more fully disclosed.

Referring to the drawing: Fig. 1 is a view partially in side elevation and partially in section showing the improved dispensing container.

Fig. 2 is a top plan view of the same.

Fig. 3 is an enlarged vertical sectional view taken through the upper end of the container.

The invention relates particularly to a container for dispensing tooth powder and the like. The container comprises a body portion having ends joined thereto. One of said ends is provided with a reduced upstanding neck portion which is fixedly attached thereto. The neck portion has a central opening and is closed by an inner cap which is frictionally pressed over the outside of the neck for attaching the same thereto. The inner cap is provided with dispensing openings and has at its lower edge a laterally extending flange. An outer cap is provided for the neck conforming partially in shape to the inner cap and having a depending skirt which is adapted to be curled into a hollow bead at the lower end thereof.

The bead at the lower end of the outer cap is so dimensioned as to extend inwardly beneath the laterally extending flange on the inner cap and thus yieldingly hold the two parts in contact with each other. The outer cap is also provided with dispensing openings and is free to be rotated about the inner cap for bringing the dispensing openings in the respective caps into and out of registry one with another.

Referring more in detail to the drawing, a container embodying the improvements is indicated at 4 comprising a body portion 5 preferably of metal, said body portion having the ends 6 and 7 attached thereto. The end 7 is provided

with a central opening and has a raised reduced neck portion 8 fixedly attached thereto by crimping of the metal at the lower edge thereof as indicated at 9 to a portion of the end surrounding the central opening therein. An inner cap 10 is provided for covering the reduced neck portion, said cap having a dome-shaped top 11 provided with dispensing openings 12 therethrough and a depending portion 13 which is adapted to be frictionally pressed over the outside of the neck for holding the same in place. The inner cap has at its lower edge a laterally extending circular flange 14 which is of considerably greater diameter than the vertical friction wall 13 of the cap.

An outer cap 15 is provided for the neck having a dome-shaped portion 16 which is adapted to conform to the dome-shaped portion 11 of the inner cap and has dispensing openings 17 therethrough. The outer cap 15 is provided with a depending skirt 16' which extends to a point beneath the flange 14 on the inner cap and has the lower edge thereof curled into a hollow bead 18. The inner and outer caps are so dimensioned as to have the bead 18 extend beneath and yieldingly engage the flange 14 on the inner cap for yieldingly holding the inner and outer caps in contact with each other.

When it is desired to dispense the contents of the container, the outer cap may be rotated by the hand about the inner cap until the dispensing openings in the respective caps register with each other. As will be obvious, a further rotation of the outer cap would bring the dispensing openings out of registry and thus close the container.

From the above it will be apparent that a dispensing container has been devised which is simple in construction and cheap to manufacture and wherein the parts which cover or uncover the neck of the container for dispensing the contents thereof are yieldingly held together. Furthermore, when the inner and outer caps for the neck of the container are yieldingly pressed into contact with each other, a closure is provided for said container wherein the contents thereof will not accidentally sift out unless the dispensing openings therein were properly turned into registry. It will be further noted that the yielding means which holds these two caps together will allow free rotation of the outer cap in respect to the inner cap.

It is obvious that minor changes in the details of construction and the arrangement of parts may be made without departing from the spirit

of the invention as set forth in the appended claims.

Having thus described the invention, what I claim as new and desire to secure by Letters Patent, is:—

5 1. A container for dispensing powder and the like including a body portion having ends joined thereto, one of said ends having a reduced neck portion, a dome-shaped inner cap having dispensing openings therethrough, said inner cap
10 being frictionally secured over said neck portion and having a laterally extending flange at the lower edge thereof, and an outer cap having a dome-shaped portion conforming to said inner cap and having dispensing openings there-
15 through, said outer cap having a depending skirt, said skirt having the lower edge thereof curled beneath the flange on the inner cap for yieldingly holding said caps in contact with each other.

20 2. A container for dispensing powder and the like including a body portion having ends joined thereto, one of said ends having a reduced neck portion, a dome-shaped inner cap having dispensing openings therethrough, said inner cap
25 being frictionally secured over said neck portion and having a laterally extending flange at the lower edge thereof, and an outer cap having a dome-shaped portion conforming to said inner

cap and having dispensing openings there-
through, said outer cap having a depending skirt,
said skirt having the lower edge thereof curled
beneath the flange on the inner cap for yielding-
ly holding said caps in contact with each other, 5
said outer cap being free to be turned in respect
to said inner cap for the purpose of bringing the
dispensing openings therein into and out of reg-
istry for dispensing the contents of the container
or for closing the same.

10 3. A container for dispensing powder and the like including a body portion having ends joined thereto, one of said ends having a reduced neck portion, an inner cap provided with a dome-
15 shaped portion having dispensing openings, said cap being fixed to the neck portion of the container and having a laterally extending flange, an outer cap having a dome-shaped portion conforming to and contacting with the dome-shaped
20 portion on the inner cap, said outer cap having dispensing openings adapted to be brought into register with the dispensing openings in the inner
cap, and said outer cap having a depending por-
25 tion bearing against the under side of the flange on said inner cap at the outer edge thereof whereby said flange will yieldingly hold the caps in contact with each other.

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