Nov. 20, 1934. O. A. FELDON 1,981,383

ANTISEPTIC TOOTHBRUSH CONTAINER

Filed June 6, 1933

Fig. 2.

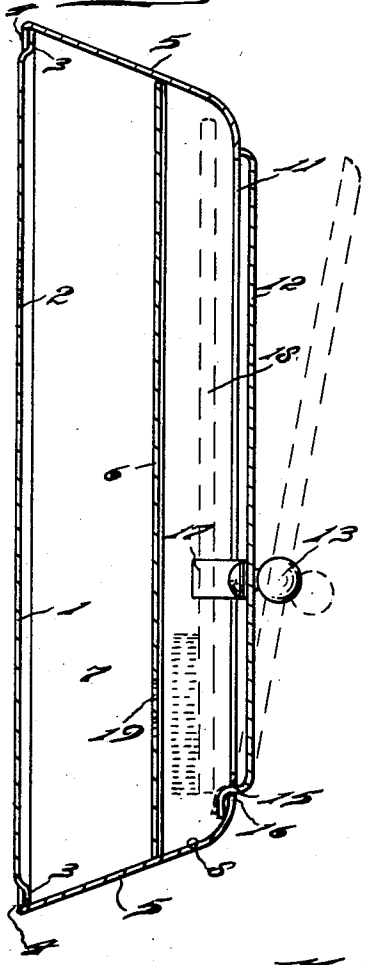


Fig. 1.

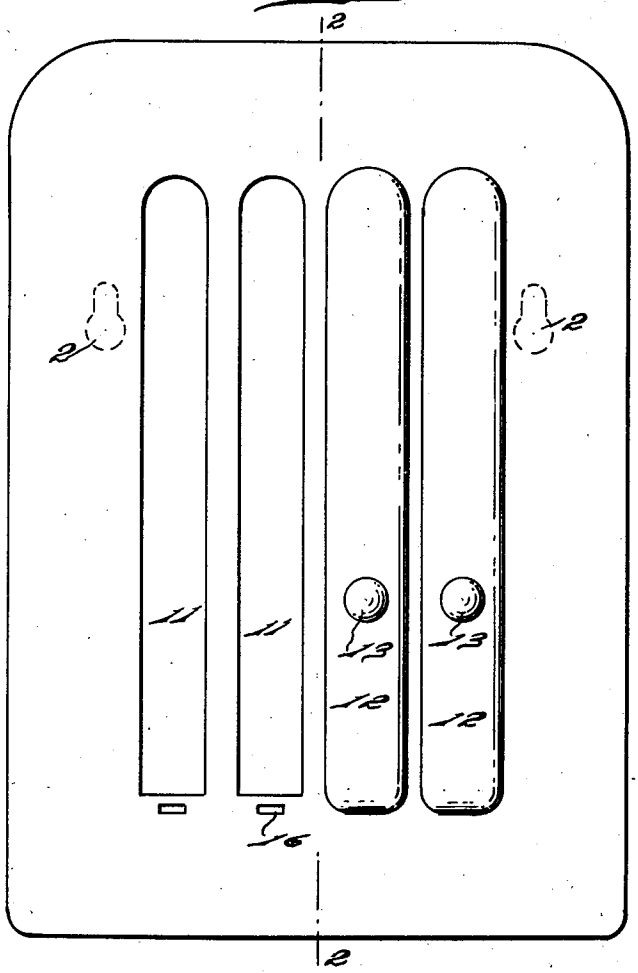
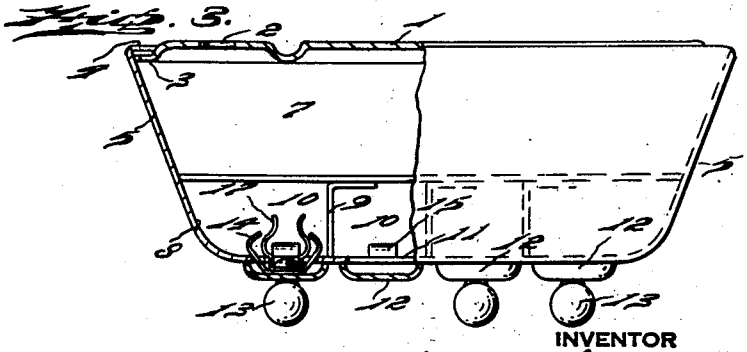


Fig. 3.



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ANTISEPTIC TOOTHBRUSH CONTAINER

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3 Claims. (Cl. 167—3)

The object of this invention is to devise a novel construction and arrangement of a tooth brush container into which the tooth brushes may be placed after use and subjected to a sterilizing and dehydrating action.

A further object is to devise a novel tooth brush container, wherein the tooth brushes may be selectively and individually removed without disturbing the other brushes in the container or exposing them to dust, dirt, germs, bacteria or foreign material with which the air in the room may be laden.

With the above and other objects in view as will hereinafter more clearly appear, my invention comprehends a novel tooth brush container in which the tooth brushes are subjected to a sterilizing and dehydrating action.

It further comprehends a novel tooth brush container having a compartment for receiving a sterilizing and dehydrating agent, the fumes from which circulate within the container around the tooth brushes, each of which is within an individual compartment and mounted on an individual door so that a selected tooth brush may be moved into a position accessible to the user without disturbing the other tooth brushes.

Other novel features of construction and advantage will hereinafter appear in the detailed description and the appended claims.

For the purpose of illustrating my invention, I have shown in the accompanying drawing a preferred embodiment of it, which, in practice, will give satisfactory and reliable results. It is, however, to be understood that this embodiment is typical only, and the various instrumentalities of which my invention consists can be variously arranged and organized, and the invention is not limited to the exact arrangement and organization of these instrumentalities as herein set forth.

Figure 1 is a front elevation of a tooth brush container, embodying my invention.

Figure 2 is a section on line 2—2 of Figure 1.

Figure 3 is a top plan view having a portion in section.

Similar numerals indicate corresponding parts.

Referring to the drawing:—

The container is preferably formed from sheet metal and is provided with a back plate 1 having openings 2 to receive fastening devices. Opposite marginal portions of the back plate are deflected inwardly and laterally as at 3 so that the flanges 4 extending laterally from the sides 5 will slidably engage therewith. The casing member has connected with it a partition 6 which contributes to form a compartment 7 adapted to receive the package or carton which contains a sterilizing and dehydrating agent. The partition 6 also contributes to form a tooth brush receiving compartment 8 which is divided by means of the flanged plates 9, secured to the front wall of the casing member and the partition, into individual tooth brush receiving chambers 10. The front wall has vertically directed openings 11 which open into the chambers 10 and are closed by the doors 12 provided with grasping handles 13. The nut for securing a handle to its door also retains in position a spring locking clip 14 the arms of which are reversely bent to frictionally engage the wall of its opening to retain such door in closed position.

The lower end of a door terminates in an offset tongue 15 which curves inwardly and then downwardly and passes through a slot 16 beneath an opening 11.

The nut which secures a handle to its door also secures to such door a spring clip 17 which extends into a chamber 10 to support a tooth brush 18.

The partition 6 has openings 19 through which the fumes from the sterilizer and dehydrator can pass into the individual tooth brush receiving chambers.

It will thus be clear that each tooth brush is enclosed in a substantially air tight chamber having its own individual door on which the tooth brush is carried. When a selected door is swung downwardly to a substantially horizontal position, the brush is accessible for easy removal.

The brushes are not exposed to the air except when being used so that there is no interference with the proper antiseptic and dehydrating action.

The casing member can be slidably disengaged from the back plate so that the antiseptic refills which are in package form can be readily renewed.

It will now be apparent that I have devised a new and useful antiseptic tooth brush container which embodies the features of advantage enumerated as desirable in the statement of the invention and the above description, and while I have, in the present instance, shown and described a preferred embodiment thereof which will give in practice satisfactory and reliable results, it is to be understood that this embodiment is susceptible of modification in various particulars without departing from the spirit or scope of the invention or sacrificing any of its advantages.

Having thus described my invention what I claim as new and desire by Letters Patent, is:

1. A tooth brush container, comprising a casing having a partition dividing it into a rear compartment to receive a sterilizing and dehydrating

agent and a front tooth brush receiving compartment, the wall of the latter having openings through which the tooth brushes pass, and provided with slots beneath the openings, the partition having ports to permit sterilizing and dehydrating fumes to pass to the brushes, individual doors for said openings and having at their lower ends offset tongues to enter said slots and form hinge connection with said casings, clips to retain the brushes on the doors, and means to secure the doors in their closed position.

2. A tooth brush container, comprising a casing having a partition dividing it into two compartments, one to receive a sterilizing and dehydrating agent and the other to receive tooth brushes, means to divide the tooth brush receiving compartment into individual closed tooth brush receiving chambers having openings in their walls through which tooth brushes pass and having slots beneath the openings, the partition having openings to permit fumes from the sterilizing and dehydrating agent to pass to said individual chambers, individual doors having at their lower ends offset tongues to enter said slots and form a hinge connection with said casing, tooth brush holders on said doors, and spring locking members on said doors and engaging the walls of the door openings to retain the doors in closed position.

3. In a tooth brush container, a casing, a partition dividing the casing into a sterilizing and dehydrating chamber and a tooth brush receiving chamber with openings to permit fumes to pass to the brushes, the wall of the tooth brush compartment having openings through which the tooth brushes pass and slots beneath the openings, doors having at their lower ends offset tongues to enter said slots, handles for said doors, clips on the doors to receive tooth brushes fastening devices common to the handles and clip to secure them to the door, and spring locking members having reversely inclined arms to engage the walls of the door openings to retain the doors in closed position.

OTTO A. FELDON.