July 15, 1924. 1,501,835

C. BASH

TOOTHBRUSH CONTAINER

Filed Jan. 10, 1923

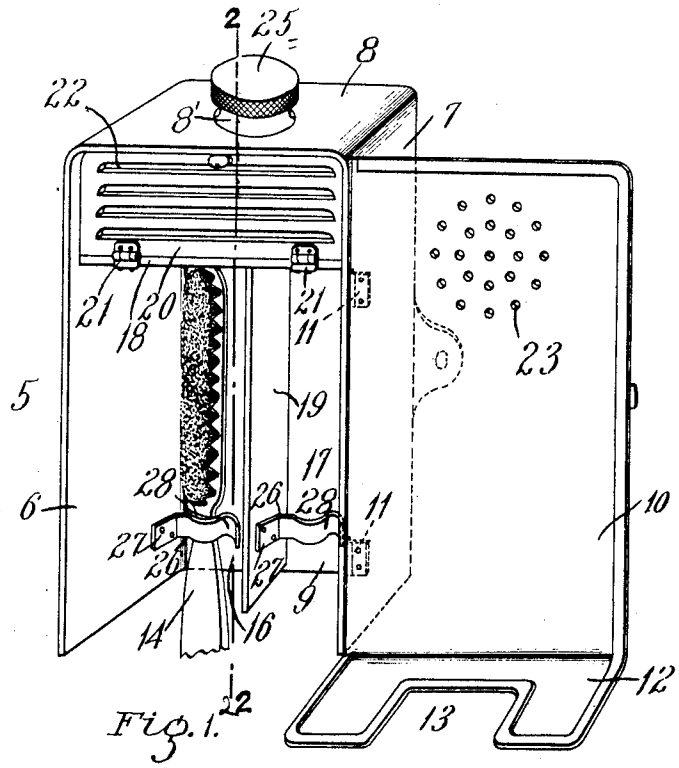


Fig. 1.

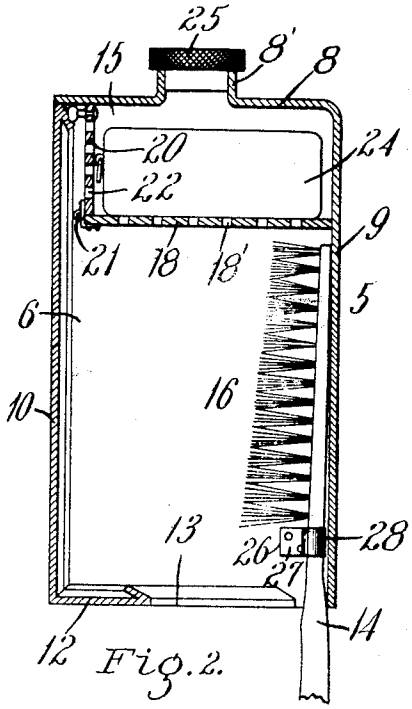


Fig. 2.

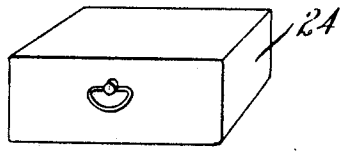


Fig. 4.

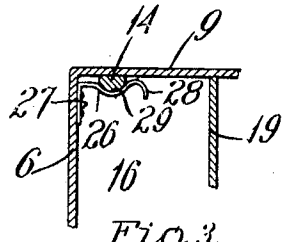


Fig. 3.

Inventor:
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UNITED STATES PATENT OFFICE.

CHARLES BASH, OF BROOKLINE, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO CHARLES HERRICK, OF DENVER, COLORADO.

TOOTHBRUSH CONTAINER.

Application filed January 10, 1923. Serial No. 611,873.

To all whom it may concern:

Be it known that I, CHARLES BASH, a citizen of the United States, residing at Brookline, in the county of Norfolk and State of Massachusetts, have invented new and useful Improvements in Toothbrush Containers, of which the following is a specification.

This invention relates to a container for tooth brushes.

The object of the invention is to provide a container which will hold one or more tooth brushes firmly in position and which will enclose the bristle portion of the brush to keep it clean and free from dirt.

The invention consists particularly in a tooth brush container with deodorizing material located therein and means to position a tooth brush in said container, said deodorizing material being preferably positioned in said container by means of a porous member, upon which the deodorizing material in liquid form is poured and by which it is absorbed.

The invention further consists in the combination and arrangement of parts set forth in the following specification and particularly pointed out in the claims thereof.

Referring to the drawings:

Figure 1 is a perspective view of a container embodying my invention with a tooth brush illustrated positioned therein and with the door opened.

Fig. 2 is a sectional elevation taken on line 2—2, Figure 1.

Fig. 3 is a plan of one of the tooth brush positioning brackets with a portion of the casing in section.

Fig. 4 is a perspective view of the porous member which contains the deodorizing material.

Like numerals refer to like parts throughout the several views of the drawings.

In the drawings, 5 is a casing consisting of sides 6 and 7, a top 8 and a back 9. A door 10 is hinged to the side 7 of the casing by means of hinges 11, a spring in the hinges not being shown in the drawings. The door 10 has a horizontal flange 12 thereon which, when the door is closed, projects into the interior of the casing and constitutes a bottom therefor. Said flange is provided with a recessed opening 13 through which the handles of tooth brushes 14 project when the door is closed. The interior of the casing 5 is subdivided into compartments 15, 16 and 17 by a horizontal partition 18 and by a vertical partition 19. The horizontal partition 18 is provided with slots 18′ which open into the compartments 16 and 17. The front of the compartment 15 is closed by means of a door 20 hinged at 21 to the horizontal partition 18. This door is also provided with slots 22 and the door 10 is provided with perforations 23 which align with all the compartments 15, 16 and 17. The door 20 is normally closed by means of springs in the hinges 21, not shown in the drawings, and the same is true of the door 10.

A member of porous material 24 is located in the compartment 15 and a cap 25 constituting a closure has screw-threaded engagement with a neck 8′ on the casing, so that the cap 25 may be removed and deodorizing material, preferably in liquid form, may then be poured upon the member 24 which will absorb the same and the cap 25 is then screwed on to the neck 8′ of the casing until it is necessary to renew the deodorizing material.

The brush 14 is held in position in the casing by means of a bracket 26 perferably formed of spring metal, consisting of a base 27 rigidly fastened to the side 6 of the casing and having an arm 28 projecting approximately at right angles thereto and adjacent to the back 9 of the casing. The arm 28 has a U-shaped recessed portion 29 adapted to receive a portion of the handle of the brush 14. Another bracket of like construction is provided in the compartment 17, the base of which is preferably fastened to the partition 19, although it may be fastened to the side 7 of the casing, if so desired.

The manner in which the tooth brush container is utilized is as follows:—The porous member 24 is saturated with deodorizing material and inserted in the compartment 15 by opening the door 10 and then opening the door 20. The tooth brush is positioned in the compartment 16, or in the compartment 17, or two brushes may be positioned in said compartments 16 and 17 by pushing the handle of the brush under the free end of the arm 28 of the bracket 26 forcing the same away from the back of the casing at its free end and allowing the handle of the brush to enter the recessed

portion 29 in the arm 28, whereupon said arm will spring back into contact with the back of the casing and will hold the brush firmly pressed against said back. The door 10 is then closed. When it is desired to use a brush, the door 10 is opened and the brush removed from the bracket 26 by moving the brush along the back of the casing and thus springing the arm 28 of the bracket 26 toward the front and allowing the brush to be removed. When it is desired to renew the supply of deodorizing material in the porous material 24, it may be done as hereinbefore described, by removing the plug 25 and pouring the deodorizing material on to said porous member.

When the doors 20 and 10 are closed, it will be obvious that the handles of the brushes 14 located in the compartments 16 and 17, will project downwardly through the opening 13 in the flange 12 of the door 10.

It is evident that a circulation of air will take place through the casing by passing through the openings 23 in the door 10 and through the openings 22 in the door 20 and through the openings 18′ in the horizontal partition 18 and thence through the recessed opening 13 in the bottom flange 12 of the door 10. The air thus circulating from the compartment 15, which is filled with the aroma of the deodorizing material, will circulate through the compartments 16 and 17 and will pass out into the room in which the container is located, thus deodorizing and sterilizing the tooth brushes and at the same time deodorizing the room in which the container is placed.

While I have described the material which is placed in the container as being a deodorizing material, it may be either a deodorizing material or a disinfecting material or a deodorizing and disinfecting material both, and the word deodorizing is used with this meaning both in the specification and in the claims. Preferably the deodorizing material is a liquid material and is poured on to the porous member as hereinbefore described, but it is evident that without departing from the spirit of my invention the deodorizing material may be in the form of a powder or a paste.

I claim:

1. A tooth brush container having, in combination, a casing, means to position a tooth brush therein, a porous member adapted to contain deodorizing material and located in said container, a door hinged to said casing and a horizontal flange on said door constituting a bottom for said casing when said door is closed.

2. A tooth brush container having, in combination, a casing, means to position a tooth brush therein, a porous member adapted to contain deodorizing material and located in said container, a door hinged to said casing and a horizontal flange on said door constituting a bottom for said casing when said door is closed, said flange being provided with a recessed opening through which the handle of a tooth brush located in said casing may project when the door is closed.

3. A tooth brush container having, in combination, a casing, a horizontal partition provided with openings and dividing said casing into upper and lower compartments and a vertical partition sub-dividing said lower compartment into two parts, means to position a tooth brush in each of said lower compartments, deodorizing material located in said upper compartment.

4. A tooth brush container having, in combination, a casing, a horizontal partition provided with openings and dividing said casing into upper and lower compartments, a vertical partition sub-dividing said lower compartment into two parts, means to position a tooth brush in each of said lower compartments, deodorizing material located in said upper compartment, the bottom of said casing being open, a door hinged to the front of said casing, and a horizontal flange on said door constituting a bottom for said casing when said door is closed.

5. A tooth brush container having, in combination, a casing, a horizontal partition provided with openings and dividing said casing into upper and lower compartments, a vertcal partition sub-dividing said lower compartment into two parts, means to position a tooth brush in each of said lower compartments, deodorizing material located in said upper compartment, the bottom of said casing being open, a door hinged to the front of said casing, and a horizontal flange on said door constituting a bottom for said casing when said door is closed, said door being provided with perforations aligning with said upper compartment.

6. A tooth brush container having, in combination, a casing, a horizontal partition sub-dividing the interior of said casing into upper and lower compartments, said horizontal partition being provided with openings, a door closing the front of said upper compartment and being provided with openings therein and another door hinged to said casing adapted to close the front of said casing.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CHARLES BASH.

Witnesses:
CHARLES S. GOODING,
FRANKLIN E. LOW.