Sept. 3, 1929. R. M. G. PHILLIPS 1,727,176

TOOTHBRUSH CABINET

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Fig. 1.

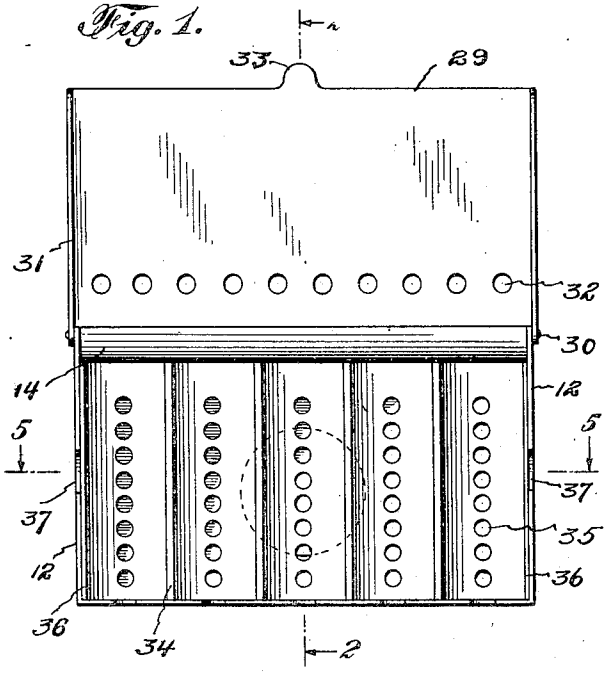


Fig. 2.

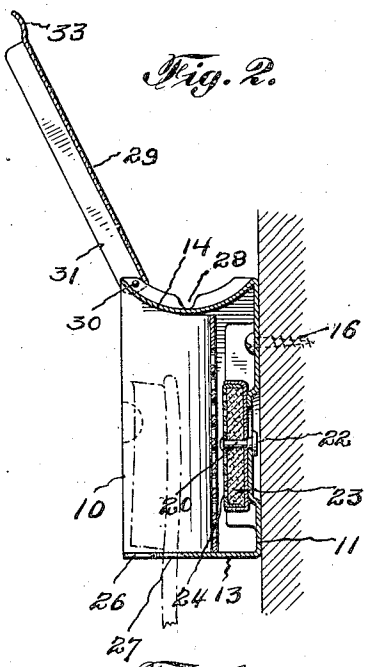


Fig. 3.

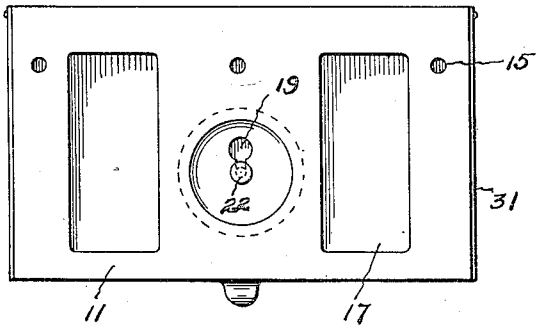


Fig. 4.

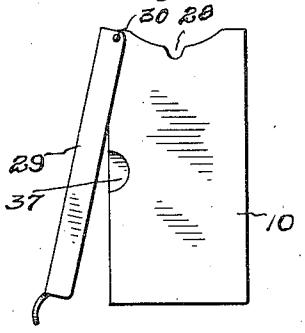
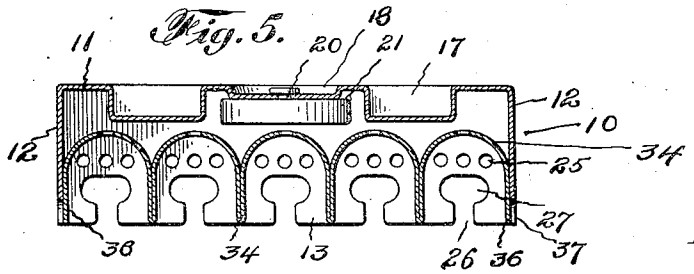


Fig. 5.



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Fig. 6.

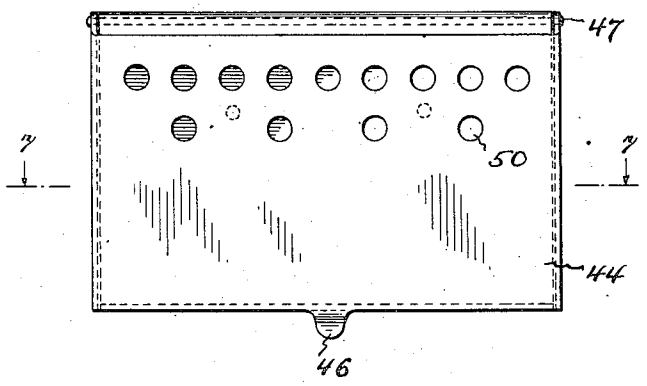


Fig. 7.

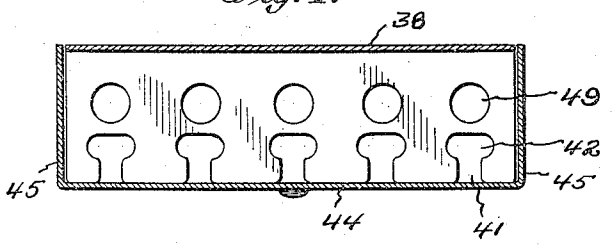
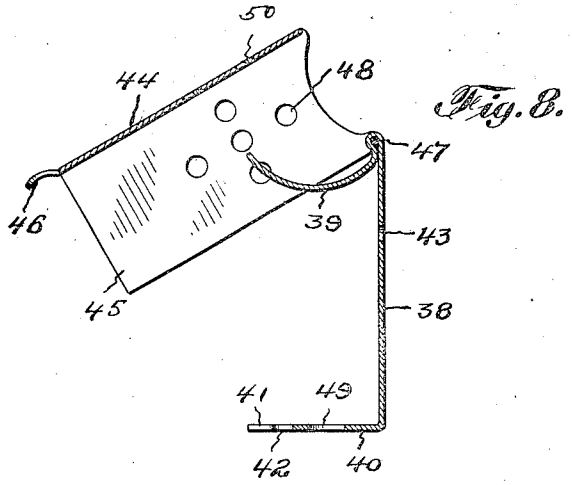


Fig. 8.



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UNITED STATES PATENT OFFICE.

ROSS M. G. PHILLIPS, OF NEW HAVEN, CONNECTICUT, ASSIGNOR OF ONE-THIRD TO WILLIAM SCHOENBERGER AND ONE-THIRD TO SAMUEL MUHLFELDER, BOTH OF NEW HAVEN, CONNECTICUT.

TOOTHBRUSH CABINET.

Application filed May 18, 1927. Serial No. 192,411.

This invention relates to a tooth brush cabinet and is designed particularly as a convenient holder for one or more tooth brushes that will be protected against dislodgment, dirt or other foreign substances, and be subjected to the influences of a deodorant while in the cabinet.

A further object of the invention is to provide a tooth brush cabinet that will be composed of few parts, so designed as to be economically constructed and easily affixed to a wall or the like.

With these, and other ends in view, the invention consists in the embodiment and arrangement of parts hereinafter described and claimed, reference being had to the accompanying drawings, in which

Figure 1 is a front view of my improved tooth brush cabinet with the cover in its up or open position;

Figure 2 is a transverse sectional view thereof, the parts in section being taken generally upon line 2—2 of Figure 1;

Figure 3 is a rear view of the cabinet with the cover in its closed position;

Figure 4 is a side elevation thereof with the cover in a partially closed position;

Figure 5 is a transverse sectional view of the body member, the parts in section being taken generally upon line 5—5 of Figure 1;

Figure 6 is a front elevation of a modified form of cabinet;

Figure 7 is a transverse sectional view thereof, the parts in section being taken generally upon line 7—7 of Figure 6; and

Figure 8 is a transverse sectional view thereof with the cover in a partly open position.

In the embodiment of my invention, as shown herein, 10 designates the body member which is constructed with a back portion 11, side portions 12, bottom 13, and top portion 14.

The back portion 11 is provided with a plurality of openings 15 to admit attaching screws 16, and one or more recesses 17 to receive plaster or the like if the cabinet is positioned while the wall is being formed. Other convenient means for attaching the cabinet may be adapted equally as well as those described.

In the back portion 11 is a depression 18, through the bottom of which is a slot 19 to receive the stud 20 of the deodorizing member 21, the head 22 of the stud 20 is smaller than the enlarged portion of the slot 19. The means just described provides convenient mechanism for separably securing the member 21 in a fixed position within the body member. This member 21 is filled with a deodorant 23 and the front face thereof is provided with perforations 24.

In the bottom 13 is a plurality of openings 25 to facilitate the circulation of air within the body member. These holes may be omitted entirely or a greater or less number provided as may be convenient.

The front edge of the bottom is provided with a plurality of slots 26, which terminate in openings 27.

In placing the tooth brush in the cabinet the handle of the brush is passed through one of the slots 26 and into an opening 27, its position then being substantially as shown by broken lines in Figure 2.

The top portion 14 is concaved, to provide a convenient shelf to hold tubes of tooth paste and the like, and the upper end of each of the side portions 12 is cut away at 28 to allow water to drain from the top portion 14.

The cover 29 is hinged at 30 to the body member and is preferably provided with side plates 31, which lie parallel with and against the outer edge of the side portions 12 when the cover is in its down position. One or more openings 32 in the cover facilitate circulation of air within the body member, and a convenient finger piece 33 is formed thereon for manual movement of the cover.

To provide a separate compartment for each tooth brush, I insert an inner wall in the body member, which consists preferably of a single piece of sheet meal folded into a plurality of U-shape sections 34, each of which has one or more openings 35 therethrough to facilitate the circulation of air. Each U-shape section is substantially concentric with one of the openings 27 and the tension of the outer walls 36 against the inner face of the side portions 12 is sufficient to hold the inner wall in position. The wall is readily removed by grasping the same between the fingers, and to facilitate this operation each of the side portions 12 is formed with a finger recess 37.

These cabinets may be manufactured to hold as many brushes as desired, and when placed therein, and the cover is in its down

or closed position, the bristle end of the tooth brush is completely protected from dirt, dust and the like, and is subject to the influence of the deodorant in the member 21 and a current of air within the body member.

In addition to these unique features the tooth paste may be conveniently kept on the top portion of the cabinet without possibility of falling off and is concealed from view.

In Figures 6, 7 and 8 is shown a modified form of this cabinet, wherein the body member is constructed with a back plate 38, a top porton 39 curved similar to the top portion 14, and a bottom member 40 having slots 41 and openings 42 therein. In the back plate 38, which may be constructed similar to the back portion 11, if desired, are one or more openings 43 to receive the attaching screws.

The cover member of this form of cabinet has a front portion 44 with a finger tab 46 thereon, and side portions 45, and is hinged to the body member by a pintle 47. Openings 48 and 49 facilitate the circulation of air within the body member.

A deodorizing member, similar to the member 21, may be fastened to the plate 38 in this type of cabinet, if desired.

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

1. In a tooth brush cabinet, a body having a back, a substantially horizontal wall formed with tooth brush receiving means and end walls extending outwardly at right angles from the back, and a removable member seated on said horizontal wall and folded to provide a U-shaped part which latter encompasses the sides and rear of the tooth brush receiving means, to provide a compartment for the tooth brush, the ends of the member extending at right angles to the back of the body and being frictionally engaged with the respective ends of the body.

2. In a tooth brush cabinet, a body having a back formed with a forwardly depressed part, the center of which is provided with a slot, a removable deodorizing device having a headed stud receivable in the slot and with the head thereof receivable in the depressed part so as to lie in a plane spaced forwardly from the plane of the back, and tooth brush receiving means carried by the back.

In testimony whereof, I have hereunto affixed my signature.

ROSS M. G. PHILLIPS.