April 28, 1931. B. KENNEDY 1,803,194

COMBINED RECEPTACLE AND TOOTHBRUSH HOLDER

Filed Jan. 29, 1929

Fig. 1.

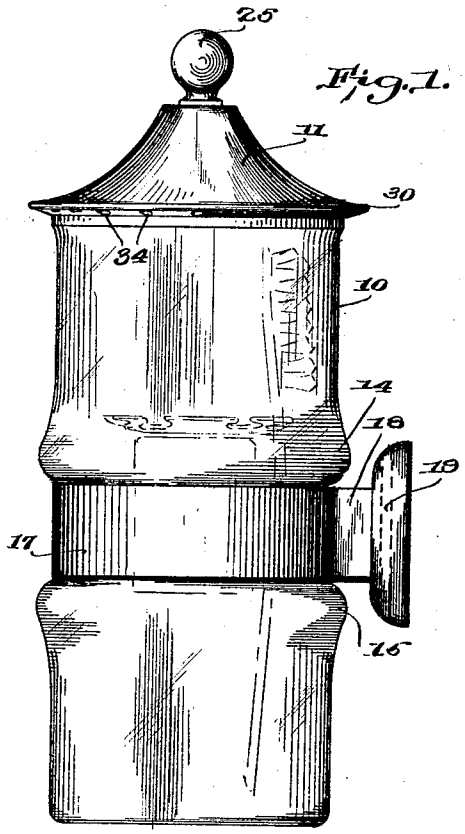


Fig. 2.

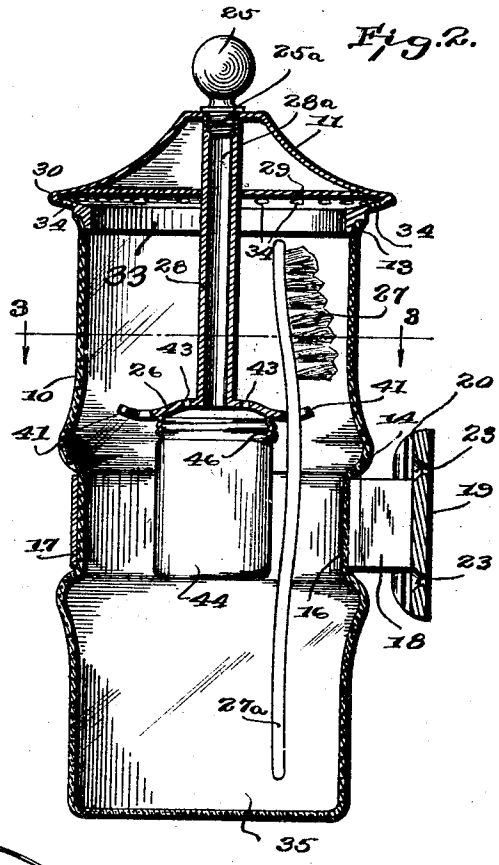


Fig. 3.

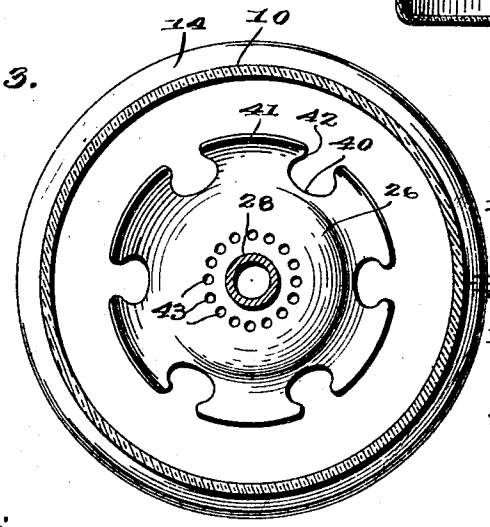
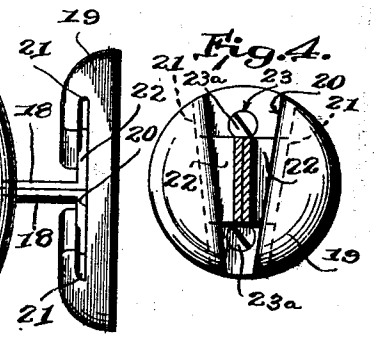


Fig. 4.



WITNESSES

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COMBINED RECEPTACLE AND TOOTHBRUSH HOLDER

Application filed January 29, 1929. Serial No. 335,959.

This invention relates to a combined receptable and tooth brush holder.

An object of the invention is the provision of a receptacle for supporting a bracket for tooth brushes with the bracket being carried by a cover for the receptacle which is secured to the wall of a room.

A further object of the invention is the provision of a receptacle for housing a tooth brush holder which is suspended from the cover for the receptacle, a container being supported from the bracket which carries tooth brushes for housing an antiseptic agent which may evaporate with the vapors or fine particles passing through perforations in the bracket and entering the receptacle, the cover being provided with perforations in the corrugated flange which rests upon the open end of the receptacle whereby the antiseptic which has entered the receptacle in any form may be distributed to the atmosphere while permitting circulation of air in the receptacle.

This invention will be best understood from a consideration of the following detailed description, in view of the accompanying drawings forming a part of the specification; nevertheless it is to be understood that the invention is not confined to the disclosure, being susceptible of such changes and modifications which shall define no material departure from the salient features of the invention as expressed in the appended claims.

In the drawing:

Figure 1 is a view in elevation of the tooth brush holder constructed in accordance with the principles of my invention,

Figure 2 is a vertical section of the same, and

Figure 3 is a horizontal section taken along the line 3—3 of Figure 2.

Referring more particularly to the drawings, 10 designates a receptacle preferably formed of some transparent material whereby the interior of the receptacle may be inspected without the removal of a cover 11. The receptacle has a closed bottom 12 and its upper end, as indicated at 13, open. The intermediate portion of the receptacle is provided with spaced angular rigs 14 and 15. Between the ribs 15 is a cylindrical portion 16 adapted to receive a metal clamping member 17.

The metal clamping member is in the form of a flat strip of metal which embraces the cylindrical portion 16 and has its end, as shown at 18, turned outwardly in flat contact with each other. An attaching disc 19 is provided with a V-shaped slot 20 having grooves 21 at the side edge thereof to receive the outwardly turned flanges 22 of the ends 18. The disc 19 has perforations 23 to receive any well known form of fastening means such as screws 23ª for securing said disc to the wall of a room. When the flanges 22 are fitted within the grooves 21 the ends 18 of the band 17 are clamped together.

The top 11 is frusto-conically shaped and has a finger piece 25 which may be grasped by rotating the top or cover 11 on the upper edge 13 of the container 10. In order to place a bracket 26 in such position that a tooth brush 27 which is to be selected will appear before the person rotating the cover, the bracket 26 is supported by a rod 28 secured to a plate 29 forming part of the cover which supports the bracket 26.

The cover is provided with a flange 30 turned inwardly from the edges 31 of the cover and downwardly and inwardly as shown at 32 to provide a shoulder which rests upon the upper end 13 of the receptacle 10. A flange is extended downwardly at 33 and embraces the inner wall of the receptacle adjacent the upper end. The flange, as indicated at 34, is provided with perforations to permit the circulation of air between the exterior of the container and the interior 35 of the receptacle. It will be noted that the air must rise to the plate 29 before it passes through the perforations 30.

The bracket 26 is in the shape of a disc having cut-out portions 40 which form recesses to receive the handle of a tooth brush and to provide fingers 41 at opposite sides of the recess. The mouth of the recess, as indicated at 42, is of less width than the body of the recess to prevent accidental discharge of the handle from each recess.

The central portion of the disc adjacent the connection between the rod 28 and the

disc is provided with a plurality of perforations 43 to permit vapors or fine particles of antiseptic stored in a transparent container 44 to escape to the interior of the receptacle 10. The container is threaded at 46 onto a circular flange which depends from the bracket 26.

The container 44 is filled with any suitable antiseptic which may be in the form of a powder or liquid whereby the fine particles of powder or vapors from the liquid will pass through the perforations 43 and saturate the chamber 35 of the receptacle 10. Since the tooth brushes are supported on the bracket 26 the antiseptic will aid in maintaining sterilization of the brushes. The air and likewise vapors may escape through the perforations 34 in the flange 30 from time to time. The last-mentioned perforations aid in maintaining circulation between the exterior and interior of the receptacle 10.

A number of tooth brushes may be supported by the recess 40 of the bracket 26 and when it is desired to remove a brush the owner will revolve the cover 11 through the finger piece 25 when necessary in order to determine which brush is his. The cover is then removed together with the bracket 26 and container 44 and the cover is returned after the tooth brush has been removed. It will be seen by this construction that a number of tooth brushes may not only be supported in spaced relation but they will be protected against air in the room while at the same time being maintained in an antiseptic atmosphere.

The rod or tube 28 has a passage 28^a extending entirely through the same and opening into the neck of the container 44 at its lower end and through the top of the cover 11. The knob or finger piece 25 is threaded at 25^a into the upper end to close the same to the atmosphere. By this construction it is not necessary to remove the cover 11 together with the tooth brush holder and the container 44 when it is desired to replenish the antiseptic in the container. The knob or stopper may be removed and the antiseptic, preferably in the form of a liquid, may be poured into the container through the tube 28.

The container 44 operates as an enlargement depending from the bracket 26 and aids in maintaining the handles 27^a of the tooth brushes 27 out of contact with each other and maintains said handles in spaced relation. It will therefore be noted that the member 25 performs a double function in that it closes the tube while providing a finger piece which may be grasped for rotating the cover 11 and likewise the bracket 26 in placing the proper tooth brush at the front of the receptacle when the owner desires to remove it from the receptacle.

I claim:

1. A combined antiseptic housing and holder for tooth brushes comprising a receptacle having a removable cover, a bracket suspended from the cover for supporting brushes, a container depending from the bracket and adapted to house an antiseptic, the bracket forming the top of the container and provided with perforations for placing the container in communication with the receptacle adjacent the brushes.

2. A combined antiseptic housing and holder for tooth brushes comprising a receptacle, a removable cover for the receptacle, a hollow rod secured to the cover and depending into the receptacle, the outer end of the rod opening to the atmosphere, a stopper for the upper open end, a bracket for brushes secured to the lower end, a container for an antiseptic depending from the bracket, the lower end of the rod opening into the container whereby the antiseptic may be filled into the container by the removal of the stopper, the container being in restricted communication with the receptacle.

3. A combined antiseptic housing and holder for tooth brushes comprising a receptacle, a removable cover for the receptacle, a hollow rod secured to the cover and depending into the receptacle, the outer end of the rod opening to the atmosphere, a stopper for the upper open end, a bracket for brushes secured to the lower end, a container for an antiseptic depending from the bracket, the lower end of the rod opening into the container whereby the antiseptic may be filled into the container by the removal of the stopper, the container being in restricted communication with the receptacle, the container being removably connected to the bracket.

4. A combined antiseptic housing and holder for tooth brushes comprising a receptacle, a removable cover for the receptacle, a hollow rod secured to the cover and depending into the receptacle, the outer end of the rod opening to the atmosphere, a stopper for the upper open end, a bracket for brushes secured to the lower end, a container for an antiseptic depending from the bracket, the lower end of the rod opening into the container whereby the antiseptic may be filled into the container by the removal of the stopper, the container being in restricted communication with the receptacle, the top being provided with openings for placing the receptacle in communication with the atmosphere.

5. A combined antiseptic housing and holder for tooth brushes comprising a receptacle, a removable cover for the receptacle, a hollow rod secured to the cover and depending into the receptacle, the outer end of the rod opening to the atmosphere, a stopper for the upper open end, a bracket for brushes secured to the lower end, a container for an

antiseptic depending from the bracket, the lower end of the rod opening into the container whereby the antiseptic may be filled into the container by the removal of the stopper, the container being in restricted communication with the receptacle, the top being provided with openings for placing the receptacle in communication with the atmosphere, the container being spaced from the walls of the receptacle and adapted to maintain the handles of the brushes in spaced relation from each other.

Signed at Gloversville, in the county of Fulton and State of New York, this twenty-first day of January, A. D. nineteen twenty-nine.

BERT KENNEDY.