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Jan. 16, 1923.

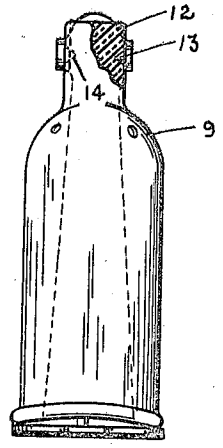
1,442,712

J. L. DOERNER.

SANITARY HOLDER FOR TOILET ARTICLES.

FILED JUNE 2, 1921

Fig. 1



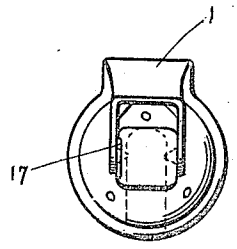


Fig. 2

Fig. 3

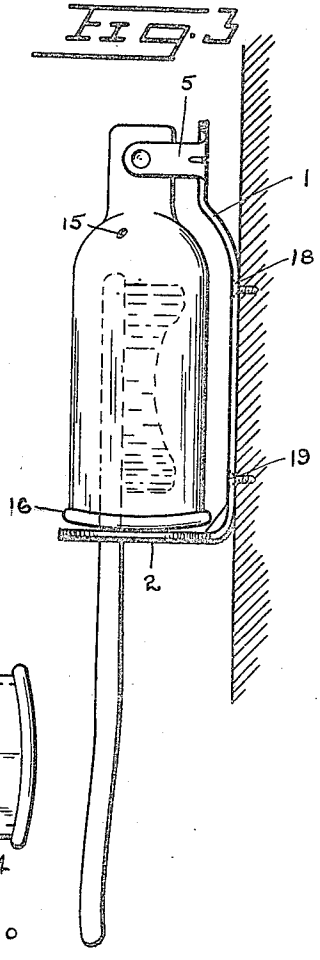


Fig. 4

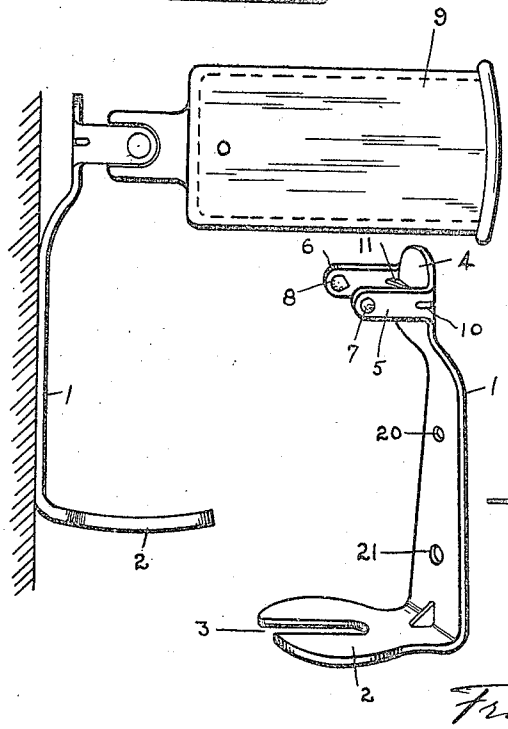


Fig. 5

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Patented Jan. 16, 1923. 1,442,712

UNITED STATES PATENT OFFICE.

JOHN L. DOERNER, OF ROCHESTER, NEW YORK, ASSIGNOR OF ONE-HALF TO SIEGMUND GALLMEIER, OF ROCHESTER, NEW YORK.

SANITARY HOLDER FOR TOILET ARTICLES.

Application filed June 2, 1921. Serial No. 474,564.

To all whom it may concern:

Be it known that I, JOHN L. DOERNER, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Sanitary Holders for Toilet Articles, of which the following is a specification.

The object of this invention is to provide a new and improved form of sanitary holders for tooth brushes, safety razors, and other toilet articles.

This and other objects of this invention will be fully illustrated in the drawings, described in the specification, and pointed out in the claims at the end thereof.

In the accompanying drawings:

Figure 1 is a front elevation of the holder with a portion thereof partly broken away.

Figure 2 is a top plan view of the holder.

Figure 3 is a side elevation of the holder as it appears when fastened to the wall.

Figure 4 is a side elevation of a slightly modified form of holder showing the glass container in a horizontal position ready to receive the toilet article therein.

Figure 5 is a detail perspective view of the bracket of the holder.

In the several figures of the drawing like reference numerals indicate like parts.

The sanitary holder forming the subject matter of this invention comprises the vertical bracket 1 which has the base 2 bent out at right angles thereto at the lower end thereof. This base is circular in outline and has the radial slot 3 cut into the middle thereof beginning at the extreme outer edge of the base and ending at a point past the center thereof. The top of the vertical bracket 1 is slightly bent outwardly and then upwardly to form a short extension 4 thereon. This extension has a pair of parallel ears 5 and 6 formed thereon, which project out from the extension 4 and bracket 1. The ears 5 and 6 have the conical lugs 7 and 8 respectively formed thereon near the outer ends thereof. These lugs 7 and 8 point towards each other and form suitable pivots for the upper end of the glass bell 9 to swing thereon, which bell or container may be made of glass, celluloid, or any other transparent or translucent material. The ears 5 and 6 are reinforced at the corners where they branch out from the extension 4 by the ribs 10 and 11 that are formed into the ears in order to stiffen the joint between them and the extension 4.

The bell shaped container 9 is provided at the top with the lug 12 which is preferably square in cross section so that two of the flat sides of this lug can engage between the ears 5 and 6 of the bracket 1, conical depressions 13 and 14 being provided to receive the conical lugs 7 and 8 and form bearings therefor. By reinforcing the ears 5 and 6 thru the ribs or depressions 10 and 11, sufficient rigidity is secured for the ears to tightly clamp the lug 12 of the glass container 9 between them.

The glass container is formed by a cylindrically shaped inverted glass bowl having its upper end closed, except for a series of ventilating openings 15, 15, that are provided in the wall of the container near the closed end thereof. The lower end of the glass container is left open and is surrounded with a bead 16 that forms a smooth edge thereon. As shown in Figures 3 and 4 this edge is slightly curved corresponding to the radius thru which it is adapted to swing, in moving the glass container from a horizontal to a vertical position on the lugs 7 and 8. This permits the central portion of the glass container to rest on the middle section of the base 2 when the container or cover is in its vertical position with the toilet article in place therein. The frictional contact that the curved edge of the glass container makes with the base serves to hold the container in its vertical position and prevents it from moving away therefrom, except thru a slight force that may be exerted by the person desiring to swing the container from the vertical or closed position into its horizontal or open position for the purpose of taking out the tooth brush contained therein.

To insert a tooth brush into the container it is swung out away from the bracket 1 into the opened or horizontal position as indicated in Figure 4. In this position the ear 6 is allowed to spring into a shallow groove 17 formed on one side of the lug 12. The engagement with this groove permits the ear 6 to hold the container in the horizontal position so that the brush end of the tooth brush can be inserted therein. The container with the tooth brush is then swung down so that the handle of the tooth brush passes into the slot 3 in the base 2 and moves the container from the horizon-

tal position shown in Figure 4 to the vertical position shown in Figures 1 and 3. The downward movement of the container forces the ear out of engagement with the shallow groove 17. The glass container when in the vertical position is closed at the bottom by the base 2 of the bracket 1 except for the small opening formed by the slot 3 in the base thru which the handle of the tooth brush extends into the inside of the container. The brush end of the tooth brush is thus enclosed in a dust-proof casing that keeps the brush sanitary and prevents foreign matter from settling thereon. The vent holes 15 are provided to allow the moisture in the brush to evaporate but these holes are small enough so that no dust can get into the inside of the container.

The bracket is fastened to the wall by means of the screws 18 and 19 which are adapted to pass thru the holes 20 and 21 provided in the vertical portion of the bracket 1.

The container above described is especially adapted for holding tooth brushes, but by enlarging the glass container and giving it an enlarged square form instead of the cylindrical form, a safety razor may be inserted therein in the same manner and kept free from dust therein.

The base 2 of the bracket shown in Figure 4 is curved to conform with the curvature of the bottom of the container 9. When the container is, therefore, placed on top of the base the base snugly fits against the under side of the container and closes it up tight with only the slot 3 leading into it.

I claim:

1. In a sanitary holder for toilet articles, the combination of a bracket, a base having a slot therein formed at the lower end of said bracket, a pair of outwardly projecting ears formed at the upper end of said bracket, a container having a reduced solid end mounted to swing between said ears, said container having a shallow groove formed on one side thereof, one of said ears being adapted to engage into the shallow groove in said container and hold said container in a horizontal position on said bracket, said base being adapted to make frictional contact with the lower end of said container when in vertical position and hold said container in said position, said base also partially closing the lower end of said container.

2. In a sanitary holder for toilet articles, the combination of a bracket, a base formed at the bottom of said bracket, a pair of outwardly projecting ears formed near the upper end of said bracket, a reinforcing rib formed integral with said bracket and said ears at the corners thereof to stiffen the said ears, a container mounted to swing on said ears and between said ears and said base, said container having a closed top and an open bottom, the bottom of said container being curved to conform to the radial swing of said contained between said ears and said base to make frictional contact with said base.

3. In a sanitary holder for toilet articles, the combination of a bracket, a pair of ears formed at the top of said bracket, a container having a reduced end at the top thereof and having a pair of depressions formed at opposite sides thereof, lugs formed on the inside of said pair of ears, said lugs being adapted to engage into the depressions in said reduced end of said container, said reduced end having a channel formed on one side thereof adapted to receive one of said ears and hold said container in a predetermined angle to said bracket.

4. In a sanitary holder for toilet articles, the combination of a vertical bracket, a base plate at the bottom of said bracket, an outwardly and upwardly projecting extension at the upper end of said bracket, a pair of parallel arms formed on said extension and overhanging said base plate, a hollow dome having a solid extension of reduced diameter formed at the top thereof, means for pivotally supporting said container extension between said arms and hold said hollow dome in place above said base plate, means provided on said dome extension to positively lock said dome in an angular position to said vertical bracket.

In testimony whereof I affix my signature.

JOHN L. DOERNER.