July 18, 1950 J. J. OLLMAN 2,515,890

BRUSH HOLDER

Filed April 14, 1948

Fig. 1

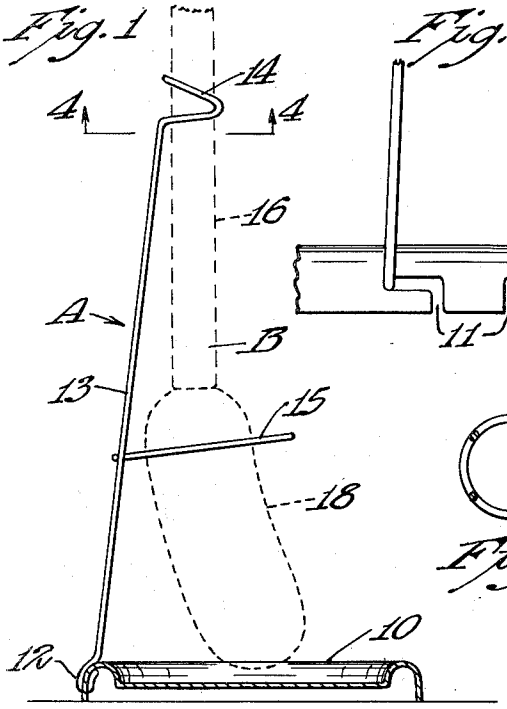


Fig. 3

Fig. 4

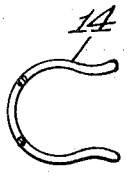


Fig. 2

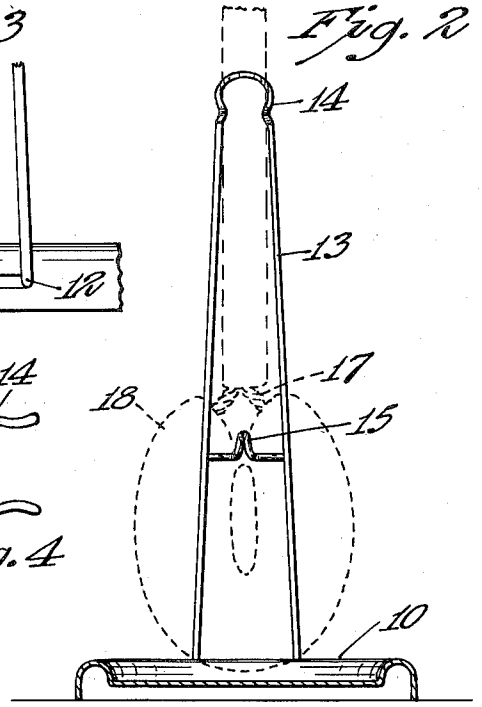


Fig. 5

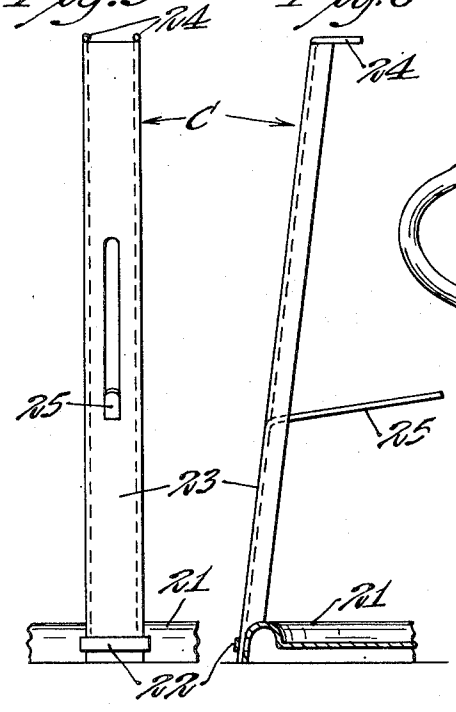


Fig. 6

Fig. 8

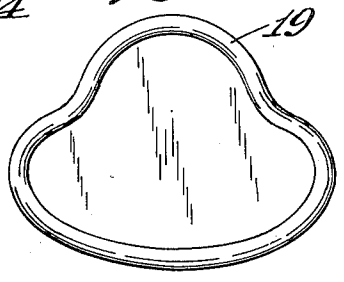


Fig. 7

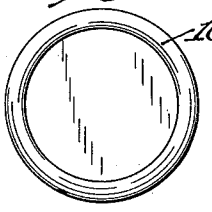
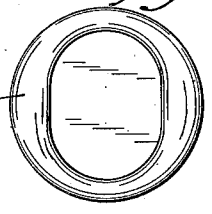


Fig. 9



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BRUSH HOLDER

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2 Claims. (Cl. 248—112)

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This invention relates to brush holders and particularly to brush holders for holding and supporting toilet bowl cleaning brushes.

It is the general object of the invention to provide a novel and improved brush holder for holding and supporting such brushes as toilet-cleaning brushes, the brush holder including means which will catch and retain any water which may drain from the brush after the brush has been used.

Another object is to provide a handy and sanitary brush holder for receiving and holding toilet bowl brushes after use and which can be supported as on the floor of a bathroom and will effectively act to prevent soilage of the floor by the brush.

The objects and advantages of the invention will more fully appear from the following description made in connection with the accompanying drawings, wherein like reference characters refer to the same or similar parts throughout the various views and in which:

Fig. 1 is a view partly in side elevation and partly in vertical section illustrating a brush holder embodying the invention, a toilet bowl cleaning brush being shown in dotted lines as it will appear when supported by the brush holder;

Fig. 2 is a view partly in vertical section and partly in front elevation, illustrating the brush holder, a brush supported therein being shown in dotted lines;

Fig. 3 is a detail showing the manner of connection between the standard and the base;

Fig. 4 is a section taken substantially on line 4—4 of Fig. 1 as is indicated by the arrows;

Fig. 5 illustrates in rear elevation portions of a modified form of a brush holder;

Fig. 6 is a view partly in side elevation and partly in vertical section of the modified form of brush holder;

Fig. 7 is a plan view of a base of the type shown in Figs. 1 to 4 as well as Figs. 5 and 6.

Fig. 8 is a plan view of an alternate form of base that may be employed; and

Fig. 9 is a plan view of a third type of base that may be employed.

Referring first to the form of the device illustrated in Figs. 1 to 4 and 7, there is provided in accordance with the form of the invention there illustrated, a brush holder designated in its entirety by the letter A. The brush holder A includes a dished base 10 of circular shape having a central imperforate portion to which an external flanged portion is connected, the flanged portion of the base rises from the central portion

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and is curved outwardly therefrom, whereupon the flanged portion is carried downwardly to a point below the central portion and this flanged portion acts to support the base as on a floor with the central portion raised off of the floor. A pair of opposed bayonet slots 11 are cut in the down-turned flange of the base 10 to receive hook ends 12 of a substantially U-shaped wire standard 13. This standard runs upwardly to a considerable height above the base 10 and it inclines slightly inwardly from that portion of the flange of the base 10 to which it is connected so that the upper portion of the standard will overlie the central part of the base 10. At its upper end the wire of the standard 13 forms two inwardly-projecting opposed reversely-bent arms 14 and these arms at their extremities are curved slightly toward each other so that their extremities are spaced closer than their intermediate portions. Attached to the standard 13 in downwardly spaced relation from the arms 14 and in spaced relation above the base 10, is a wire support 15 having a central double pin-like portion which inclines slightly from the horizontal, the outer portions of the support being spaced slightly above those portions of the support connected to the standard 13.

In assembling the standard 13 on to the base 10, the two lower ends of the standard 13 are swung toward each other so that the hooks 12 may be received within the lower ends of the vertical portions of the bayonet slots 11, said lower ends of the bayonet slots being spaced more closely than the outer extremities of the horizontal portions of these slots. The hooks 12 having been received in the lower portions of the vertical parts of the slots 11 are carried upwardly in these vertical portions, whereupon the resiliency of the wire forming the standard will cause the two hook ends of the same to move out to the outer spaced ends of the horizontal portions of the bayonet slots and the standard 13 will then be firmly anchored on to the base 10.

After a toilet bowl cleaning brush such as the brush B and including a handle 16, an oval-shaped wire head 17 and bristles 18, carried by the wire head, is used, it is a problem for the housewife to stow this brush away without drainage on to the floor and without danger of soiling any articles with which the brush might come in contact. With the holder A at hand the brush B, after it has been used, may be readily mounted on the holder by placing the brush so that the support 15 projects through the brush head 17 and the support will carry the brush. The handle

16 will then be carried between the two spaced arms 14, the outer ends of these arms being so spaced that they must be spread slightly to take the handle, the said arms having a spring action to grip and retain the handle after properly located therebetween. The inclination given to the support 15 naturally tends to carry the handle toward the standard 13. When the brush is mounted on the holder the head of the brush will be positioned over the central part of the base 10 and any water dripping from the brush will be collected in the dish-like base so that it cannot run on to the floor to soil the floor.

In Fig. 8 there is shown in place of a circular base 10, a base 19, having a different shape to receive a quite wide headed brush. If the base 19 is used the standard will be supported on the base at what appears to be the top of the base as viewed in the drawings.

In Fig. 9 an alternative base 20 is shown, the central portion of which is somewhat oval-shape to take a brush. If the base 20 is employed the standard will be supported at either the left or right side of the base as viewed in Fig. 9.

In Figs. 5 and 6 there is shown an alternative form of holder which may be employed in accordance with the invention, the holder shown in Figs. 5 and 6 being designated as an entirety by the letter C. The holder C includes a dish-shaped strap-like portion 22, pressed from the flange thereof. Supported in the strap-like portion 22 is a standard 23 of general channel shape in cross-section, this standard having at its upper end a pair of inwardly projecting arms 24 to receive the handle of the brush. Punched from an intermediate portion of the standard is a supporting finger 25 which projects diagonally outwardly and slightly upwardly from the standard. Of course the finger 25 serves the same function as the support 15 in the previously described construction. The handle and brush will be received between the two arms 24, the incline given the finger in 25 serving to retain the handle of the brush between these two arms.

It will be seen that a simple but effective brush holder has been provided in accordance with the invention. It will of course be understood that various changes may be made in the form, details and arrangement of the various parts, without departure from the scope of the present invention, which generally stated, consists in the matter disclosed and set forth in the following claims.

What I claim is:

1. A brush holder comprising a dished base having an external down turned supporting flange, there being a pair of bayonet slots formed in said flange, a spring wire standard of substantial U-shape having a pair of hook-like lower ends received in said bayonet slots, said standard projecting upwardly and inclined somewhat inwardly from the portion of the flange to which it is secured so that the upper portion of the standard overlies a central portion of the dished base, said standard having at its upper end a pair of opposing arms between which the handle of a handle equipped brush may be received and a brush support connected to said standard and projected therefrom to overlie the base, said support being spaced downwardly from the upper end of the standard.

2. A holder for toilet bowl cleaning brushes of the type comprising a head frame of annular form with bristles thereon and a central opening and an elongated handle attached to said frame, the holder comprising a dished base directly engageable on a supporting surface, a standard attached at one end to and projecting upwardly from the base adjacent one side marginal edge portion thereof, the standard having at its extreme upper end a pair of opposed arms having free ends which extend laterally therebeyond and between which the handle of a brush of the type mentioned is to be received, and an elongated support connected to and extending laterally from the standard below and beyond the free ends of said arms and in substantially vertical spaced alignment therewith and overlying the base, said support having a rounded forward end portion and being of a size in cross section to have the annular frame of the toilet bowl cleaning brush engaged thereover with the support projecting through and beyond the opening in the head frame and the latter resting upon and supported by the support with the lower end of the brush disposed over the central part of the base, and with the handle of the brush disposed between said arms, whereby a brush of the type referred to having its head frame engaged with said support may be held over the base to drain thereon.

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