

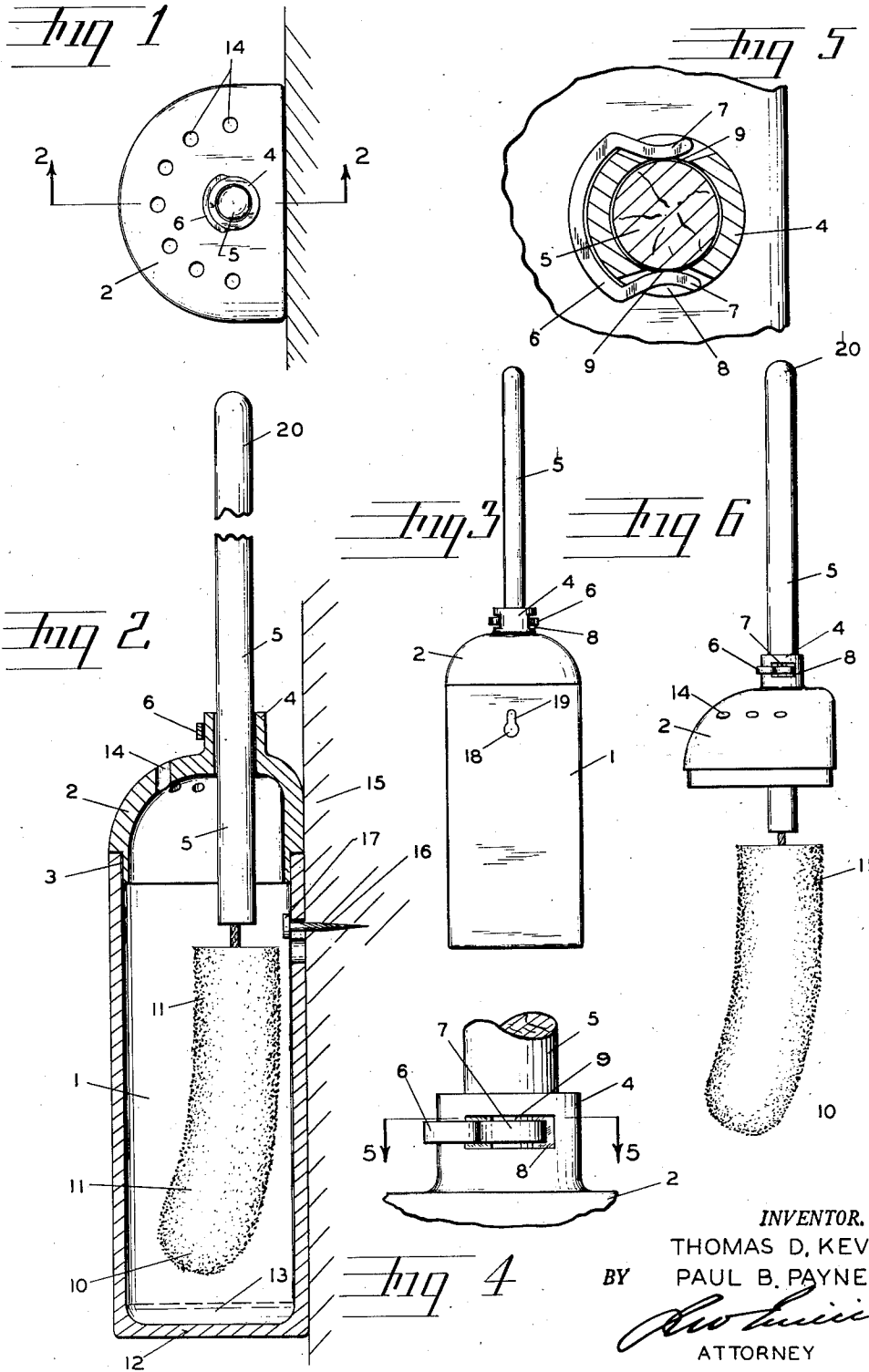
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SANITARY CONTAINER FOR BRUSHES

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SANITARY CONTAINER FOR BRUSHES

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6 Claims. (Cl. 21—83)

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This invention relates to sanitary containers for brushes and is particularly adapted for holding brushes that are being used to cleanse and sterilize lavatories and the like.

The primary object of the invention is to provide a brush container for storing the brush used for cleansing lavatories, said container having means for sterilizing the brush while being stored.

A further object of the invention is to provide means within the container for holding the brush clear of the bottom of the container, said means adapted to adjust the height of the brush within the container.

And a still further object of the invention is to provide a container for brushes that can be hung on the wall at a convenient location to the work to be performed by the brush.

These and other incidental objects will be apparent in the drawings, specification and claims.

Referring to the drawings:

Figure 1 is a plan view of our new and improved brush container, having the brush stored therein.

Figure 2 is a side sectional view of the container, taken on line 2—2 of Figure 1.

Figure 3 is a rear view of the container having the brush stored therein.

Figure 4 is an enlarged fragmentary detail view of the locking mechanism for holding the brush at a predetermined height within the container.

Figure 5 is a plan sectional view, taken on line 5—5 of Figure 4.

Figure 6 shows the brush and the top of the container removed from the container ready for use.

In the drawings:

Our new and improved brush container consists of the container indicated by numeral 1. A special cap 2 is removably mounted to the top of the container at 3 and has a hollow neck 4 extending upwardly therefrom. Slidably mounted within the neck 4 is the handle 5 of a standard brush. This handle is held for movement within the neck by the spring clip 6, having its ends 7 registering with the cut-out portions 8 of the neck 4.

The ends 7 exert sufficient friction against the sides 9 of the handle to prevent its movement through the neck 4 of the cap 2 until force is exerted to the handle and cap for changing the position of the cap on the handle. The object of this locking device is to position the end 10 of the brush 11 slightly above the bottom 12 of the container 1, this prevents the distortion of the brush and keeps the same in good working order.

We have indicated a liquid disinfectant 13

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within the bottom of the container, but any disinfectant as for instance a powder may be used for disinfecting purposes. Vent holes 14 are located within the cap 2 and assist in the ventilation and sterilization of the brush.

The brush container may either set on the floor, or it may be hung on some supporting object, as for instance the wall surface 15. A holding screw or pin 16, having a head 17 passes through the enlarged opening 18 of the slot 19 located in the rear of the container. This makes it easy to remove the container from the support.

We will now describe the operation of our new and improved brush container. The cap 2 is placed over the end 20 of the brush handle 5, the ends 7 of the clip 6 gripping the sides 9 of the handle causing a friction which can only be overcome by the operator when desired to change the position of the cap relative to the handle.

The brush then may be inserted in the container, the cap 2 coming down on the upper end 3 of the container, but when it is desired to use the brush the same is removed from the container and the cap 2 assists in protecting the hands of the operator while using the brush.

We do not wish to be limited to the exact mechanical construction as other mechanical equivalents may be substituted still coming within the scope of our claims.

We claim:

1. A device for supporting a cleaning implement, which device comprises a container having an open top, a cap removably seated on the open top of said container, said cap having an opening through the top thereof, a collar extending upwardly from the cap around said opening and adapted to slidably receive therethrough the handle of a cleaning implement, and a gripping member carried by said collar to frictionally engage the implement handle in selectively adjusted position.

2. A device as defined in claim 1, wherein said collar has openings in opposite sides thereof and said gripping member comprises a spring clip having end portions extended through said side openings in said collar to resiliently engage opposed parts of the implement handle.

3. A device for holding a cleaning implement, which device comprises a bottom container section open at the top, a top cap section open at the bottom and removably seated on the open top of the bottom container section, said cap section having a restricted opening in the top thereof, a collar extending upwardly from the top of the cap around said restricted opening, and a spring

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member mounted on said collar and adapted to resiliently engage the handle of a cleaning implement to frictionally hold the handle in selectively adjusted position in the collar.

4. A device as defined in claim 3, wherein said collar has openings in opposite sides thereof and said spring member comprises a substantially U-shaped clip having its end portions projecting through said opposite openings to frictionally engage transversely opposed parts of the handle. 10

5. A brush holder comprising a container section open at the top and adapted to contain a sterilizing agent, a cap removably seated on said container section to form a cover section, said cap having an opening in the top thereof, a collar extending upwardly from the top of said cap around said opening and provided with a pair of diametrically opposed slots, a brush having a handle freely slidable through said collar; and a member having parts projecting through the slots 15

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in the collar and resiliently engaging said handle whereby the brush may be suspended in selectively adjusted position in the container.

6. A device as defined in claim 5, wherein said handle engaging member comprises a spring clip disposed concentrically about part of the collar and having end portions projecting through the slots in the collar to resiliently engage diametrically opposed parts of the handle.

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REFERENCES CITED

15 The following references are of record in the file of this patent:

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