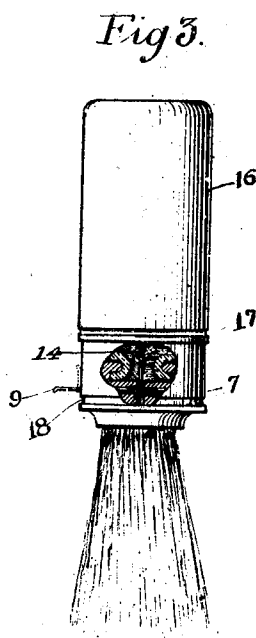
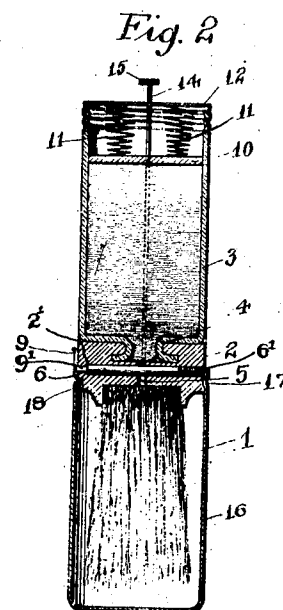
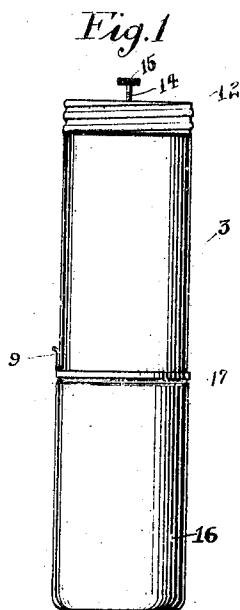


W. C. CUTLER.
 FOUNTAIN BRUSH.
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1,029,173.

Patented June 11, 1912.



Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM C. CUTLER, OF SAWTELLE, CALIFORNIA.

FOUNTAIN-BRUSH.

1,029,173.

Specification of Letters Patent.

Patented June 11, 1912.

Application filed December 9, 1911. Serial No. 664,878.

To all whom it may concern:

Be it known that I, WILLIAM C. CUTLER, a citizen of the United States, residing at Sawtelle, in the county of Los Angeles and State of California, have invented a new and useful Fountain-Brush, of which the following is a specification.

The main object of the present invention is to provide a shaving or other brush with a fountain connected thereto in such manner as to furnish a supply of shaving soap whenever desired.

Other objects of the invention will appear hereinafter.

The accompanying drawings illustrate the invention, and referring thereto:

Figure 1 is a side elevation of the device in closed position. Fig. 2 is a vertical section of the device in closed position. Fig. 3 is a side elevation, partly broken away, with the device in position for use.

The brush 1 is mounted or set in a body 2 of any suitable material, said body also carrying a fountain or soap reservoir 3. Said soap reservoir may consist of a cylinder of glass, having a neck 4, fitting the body 2, the opening of said neck communicating with a passage 5 in the body 2, leading to the interior of the brush 1. A valve consisting, for example, of a rod 6 extending transversely of the body 2, across the passage 5, serves to normally close said perforation, said valve being rotatable in said body and having an opening 7 through which the soap may pass when the valve is turned to proper position. Said valve may be operated by means of a handle 9 extending therefrom, said valve handle normally lying close to the body or fitting 2, but being drawn out sufficiently for operation of the handle when it is required to open the valve.

A screw plug 6' screwing in the body 2 serves to retain the valve 6 in position and prevent longitudinal movement thereof, the handle 9 at the other end of the valve being pivoted to a reduced stem 9' of the valve 6, which bears against a shoulder 2' in the body 1.

The soap in reservoir 3 is of a semi-fluid or plastic nature and means are provided for forcing the soap into the brush when the passage 5 is open. For this purpose a follower plate 10 is mounted to slide within

the cylindrical reservoir 3 and is pressed against the soap therein by means of springs 11 extending between said follower plate, and a cap 12 at the upper end of the reservoir. Said cap 12 may screw onto the upper end of the reservoir so that it may be detached to enable the reservoir to be filled with soap. A cleaning rod 14 extends through the cap 12 and through the follower plate 10, its lower end being adapted to extend into the passage 5 of the body 2, said rod having a handle 15 for manipulation and screwing through the cap 12 so as to enable it to be raised or lowered as required. The cleaning rod may be used to clean the passage 5 of the body 2 and also to clean the opening through the valve, it being understood that when it is desired to close the valve the said rod must be operated in such manner as to withdraw it from the opening in the valve.

A cover 16 in the form of a cup shaped shell is adapted to slide over the body 2 from either end, so as to either cover the brush as shown in Figs. 1 and 2, or to cover the reservoir and serve as a handle as shown in Fig. 3. A head 17 on this cover engages with a groove 18 in the body 2 to hold the cover in place when it is over the brush.

The device is used as follows: The reservoir 3 is charged with plastic soap, and when the brush is not in use it is protected by the cover 16. When the brush is to be used, this cover is slipped off and the valve 6 is opened to allow soap to be forced through passage 5 by the spring operated follower plate 10. The valve may then be closed, and the brush used in the usual manner, the cover 16 being placed on the handle or reservoir end if desired.

What I claim is:

1. The combination of a brush, a body in which the brush is mounted, said body having a passage leading to the brush, a soap reservoir communicating with said passage, a valve movably mounted in said body to open and close said passage, and a handle for said valve pivotally mounted on the valve to be closed against the body or to be turned out to position for manipulation of the valve.

2. The combination of a brush, a body in which the brush is mounted, said body having a passage leading to the brush, a soap

reservoir communicating with said passage, spring operated means in said reservoir for forcing soap through said passage, a valve for closing said passage, and a rod movably mounted in said reservoir to clean said passage and the opening through the valve. In testimony whereof, I have hereunto set

my hand at Los Angeles, California this 25th day of November, 1911.

WILLIAM C. CUTLER.

In presence of—

A. P. KNIGHT,
GLADYS RUSSELL.