

J. E. REIS.
SHAVING BRUSH.
APPLICATION FILED MAR. 29, 1912.

1,042,967.

Patented Oct. 29, 1912.

Fig. 1.

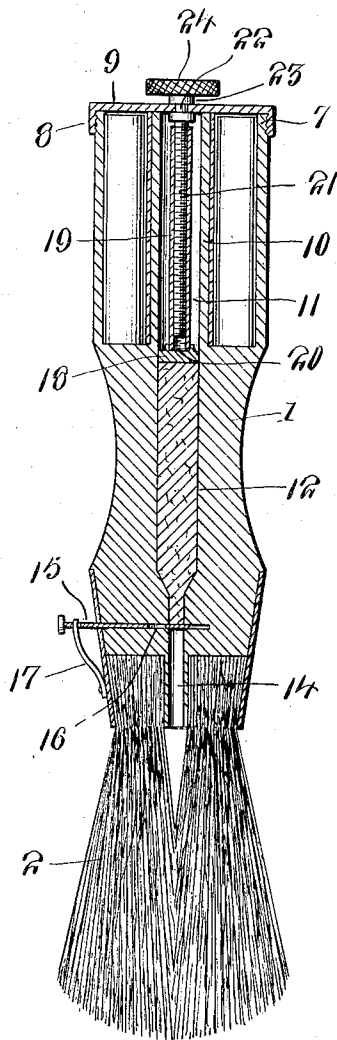


Fig. 2.

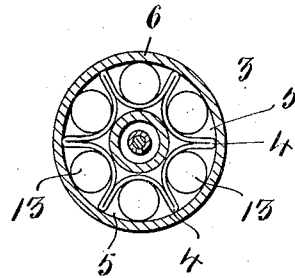
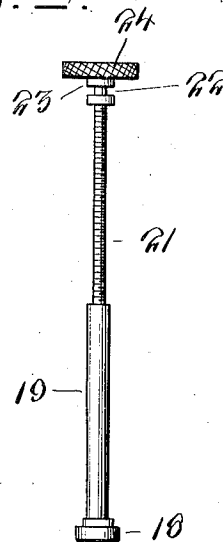


Fig. 3.



Witnesses
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JOHN E. REIS, OF TAMPA, FLORIDA.

SHAVING-BRUSH.

1,042,967.

Specification of Letters Patent.

Patented Oct. 29, 1912.

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To all whom it may concern:

Be it known that I, JOHN E. REIS, a citizen of the United States, residing at Tampa, in the county of Hillsboro and State of Florida, have invented new and useful Improvements in Shaving-Brushes, of which the following is a specification.

This invention relates to brushes and particularly to shaving brushes, the object of the invention being to provide a brush which will be so constructed that a paste like soap can be quickly and conveniently fed to the bristles of the brush.

Another object of the invention is to provide a brush with a magazine which is designed to contain one or a plurality of sticks of soap whereby the supply in the feed passage of the brush can be replenished as desired.

Another object of the invention is to provide a brush in which the cap of the handle or magazine will form a manipulating member whereby the operation of placing the soap stick in the brush by aid of the feeding means will be greatly facilitated.

In the drawing forming a part of this application and in which like numerals of reference indicate similar parts in the several views:—Figure 1 is a vertical section through the brush showing the actuating rod of the plunger in its inoperative position in full lines and in its operative position in dotted lines. Fig. 2 is a horizontal section on line 2—2 of Fig. 1. Fig. 3 is a side view of the plunger and the actuating rod therefor.

The handle 1 has secured thereto at one end the bristles 2 and at the opposite end the handle is provided with a magazine chamber in which is mounted a defining member 3 which is so constructed that the portions 4 of the member are radially disposed and spaced relatively so as to form therebetween the intervening elongated compartments 5 whose open sides are closed by the walls 6 of the handle. At the outer end the walls 6 are threaded as at 7 to receive the correspondingly threaded flange 8 of the cap 9.

The magazine like portion is provided with a longitudinal tube 10 whose bore 11 is continued directly into the feed bore 12 in the handle 1. The bore 12 is substantially co-extensive with each compartment 5. The compartments are designed to contain sticks of paste like soap 13 as shown particularly

in Fig. 2 and when desired one of these sticks may be removed and inserted in the passage 12 for use. The passage 12 opens into the restricted nozzle 14, the latter being extended into the bristles 2 of the brush as shown in Fig. 1. A valve plate 15 is slidably mounted in the handle 1 and it is adapted to be extended across the outlet end of the nozzle 14 so as to prevent the soap from being discharged to the brush. The valve plate has an opening 16 therein which is adapted to align with the nozzle whereby the soap can be fed to the brush. A spring 17 on the handle 1 has a portion yieldingly engaged against the valve plate 15 so as to normally hold the latter in a closed or cut-off position.

To effect the discharge of soap to the bristles 2 of the brush I provide a plunger or follower 18. This follower is provided with a tubular portion 19 which is interiorly threaded as at 20 so as to receive the correspondingly threaded screw 21. This screw is rotatably mounted as at 22 upon the central portion of the cap 9, the said screw being provided with spaced hollows 23 which are disposed upon the opposite sides of the cap 9 so as to hold the screw against longitudinal movement. The outer end of the screw is provided with a knurled head 23 which may be manually operated so that the plunger can be brought to bear against the soap.

Now that the details of construction of the brush are fully described it is said that when it is desired to convey a quantity of soap to the bristles 2 the valve 15 is manipulated so as to cause the opening 16 therein to register with the nozzle 14. The screw 21 is then rotated so that the plunger 18 is applied against the soap with sufficient pressure to cause the latter to be conducted by way of the nozzle 14 to the bristles.

It is stated that the feeding means of the follower and the cap 9 are relatively disposed and connected together so that on the initial insertion of a stick of soap in the passage 12 the cap 9 can be conveniently held in the hand and manipulated and the follower inserted in the passage 12 behind the soap so as to force the latter to its operative feeding position.

I claim:—

A shaving brush, comprising a handle having a longitudinally extending passage and provided with a tube disposed in line

with the passage and extending from one
end of the handle, a nozzle also disposed in
line with the passage, bristles secured to the
handle and embracing said nozzle, a cap
5 closing one end of the said tube, a member
swiveled to the cap and provided with a
screw extending into the tube of said han-
dle, a follower operating in said passage
and having a threaded connection with the
10 screw, whereby on adjustment of the latter
in one direction the follower will be fed
toward the nozzle, a valve slidably mounted

in the handle and disposed between one end
of the passage, and an adjacent portion of
the nozzle and provided with a passage 15
adapted to aline with the nozzle, and means
for normally holding the valve in a cut-off
position.

In testimony whereof I affix my signature
in presence of two witnesses.

JOHN E. REIS.

Witnesses:

G. H. CORNELIUS,
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