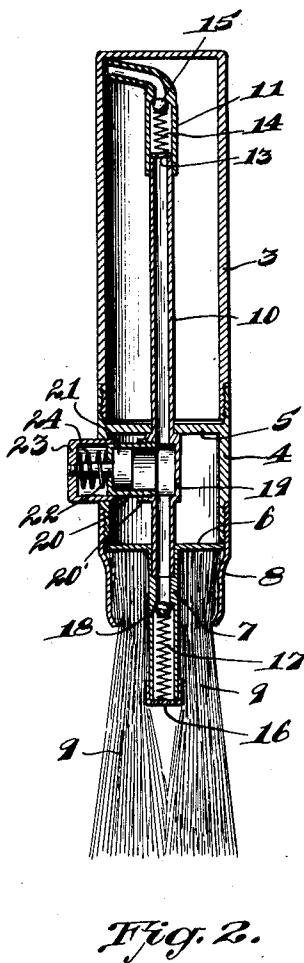
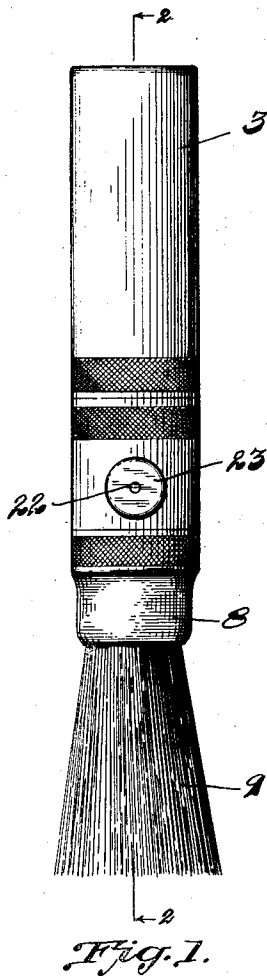


C. F. STOEW SAND.  
 SHAVING BRUSH.  
 APPLICATION FILED OCT. 22, 1919.

1,392,369.

Patented Oct. 4, 1921.



Witnesses:

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*Charles F. Stoevsand,*  
 By *Joshua H. Stone*  
 his Attorney.

# UNITED STATES PATENT OFFICE.

CHARLES F. STOEWSAND, OF CHICAGO, ILLINOIS, ASSIGNOR TO WALTER KARGUS, LOUIS CLEPPE, AND CHARLES F. STOEWSAND, ALL OF CHICAGO, ILLINOIS, A CO-PARTNERSHIP.

## SHAVING-BRUSH.

1,392,369.

Specification of Letters Patent.

Patented Oct. 4, 1921.

Application filed October 22, 1919. Serial No. 332,443.

*To all whom it may concern:*

Be it known that I, CHARLES F. STOEWSAND, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Shaving-Brushes, of which the following is a specification.

My invention relates to new and useful improvements in shaving brushes, and has for its object the provision in a shaving brush of means for delivering liquid soap to the bristles of the brush.

Other objects will appear hereinafter.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a side elevational view of my invention.

Fig. 2 is a longitudinal central sectional view of my invention.

The approved form of construction as illustrated in the drawings comprises a tubular handle 3 which is cup-shaped and constitutes the liquid container. The open end of the member 3 is exteriorly threaded so as to engage with the interiorly threaded end of an extension 4 in which is positioned and preferably made integral therewith a partition 5, the opposite end of the member 4 being inclosed by a partition 6 which has, preferably made integral therewith, a centrally positioned and outwardly extending tubular member 7. Threaded upon the member 4 is bristle retaining member 8 which is adapted to retain in position the bristles 9. Extending through the member 4 and communicating with the interior of the member 3 at one end and the interior of the member 7 at the other end is a tubular member 10. Secured to the end of the member 10 which communicates with the member 3 is a laterally turned extension 11 which is tubular, having the passage adjacent the laterally turned end reduced to form shoulders on the interior of the larger portion. Positioned within the member 11 so as to rest upon the end of the member 10 is a suitable washer 13 which engages one end of a spiral spring 14 positioned within the member 11. The opposite end of the member 14 engages a

spherical ball 15 which is adapted normally to rest against the shoulder formed in the interior of the member 11. Positioned upon the end of the member 7 is a perforated cap 16. Positioned within the member 7 adjacent its end is a spiral spring 17 which engages at one end the cap 16 and at the opposite end a spherical ball 18 which is normally held in engagement with shoulders formed on the interior of the member 7. The member 10, intermediate its ends and preferably at that portion which projects through the portion 4, is bulged to form a reservoir 19. Projecting from one side of the member 10 is a circular flange or nipple 20' in which is threaded a cup-shaped member 20. Positioned within the cup-shaped member 20 is a plunger 21 having a stem 22 which projects through an opening in the base of the cup-shaped member 20. The outer end of the member 22 is secured to a cup-shaped member 23 which is adapted to telescope the member 20. Embracing the member 22 and positioned within the cup-shaped member 23 so as to engage the outer surface of the member 20 is a spiral spring 24.

By my invention I have provided a novel shaving brush which delivers the soap to the bristles of the brush as needed and thereby eliminates the necessity of mixing a lather and then applying the same to the face or of applying the soap to the face and then mixing the lather. The soap which is in liquid form is contained within the tubular portion 3. By having the laterally turned extension on the member 10 the tubular member 10 is in communication with the liquid as long as any of the liquid is contained within the member 3 inasmuch as the brush, when in use, is generally held in an inclined position. Upon pressing the plunger 21 inwardly the ball-valve is opened and the liquid contained in the tube 10 is forced outwardly by mechanical action through the perforated cap 16. Upon the inward pressure of the plunger 21 the ball-valve within the member 10 which is normally held in closed position by means of the spiral spring 14 prevents the escape of the liquid in the tube 10 into the liquid container 3. Upon outward movement of the plunger 21 the valve which is closed by the spherical member 15 is opened and permits the flow of the liquid from the member 3 into the tubular member 10. It is evident that the liquid in

the member 3 will be forced into the tubular member 10 because of the suction exerted by the plunger 21. The perforated cap permits the liquid to be delivered in a fine spray to the bristles of the brush.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

Having described my invention, what I claim as new and desire to secure by Letters Patent is:

1. A shaving brush comprising a liquid container; a tubular member communicating with said container and leading to the bristles of said brush; a valve at each end of said tubular member; and means for forcing liquid in said container through said tubular member to the bristles of said brush, substantially as described.

2. A shaving brush comprising a liquid container; a tubular member mounted within and communicating with said container and leading to the bristles of said brush; a valve at each end of said tubular member; means for forcing liquid in said container through said tubular member to the bristles of said brush; and means for retaining said valves normally in closed position, substantially as described.

3. A shaving brush comprising a hollow

handle, a body of bristles mounted thereon, a tube leading from the handle to the bristles, two valves in the tube opening toward the bristles, and means interpositioned in said tube and laterally movable in said handle, adapted to draw a fluid from the handle by suction through one of said valves and to force it out mechanically to the bristles through the other valve.

4. A shaving brush comprising a hollow handle, a body of bristles mounted thereon, a tube leading from the handle to the bristles, two valves in the tube opening toward the bristles, a cylinder communicating with said tube and forming a side extension thereof, and a spring pressed piston in said cylinder adapted to draw a fluid from the handle by suction through one of said valves and to force it out mechanically to the bristles through the other valve.

5. A shaving brush comprising a hollow handle, a body of bristles mounted on one end of said handle, a tube leading from the bristles to a point adjacent to the wall of the handle near its opposite end, and a plunger interposed in said tube adapted to act upon a supply of fluid in said tube for forcing a portion of said fluid from the tube into contact with the bristles.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES F. STOEWSAND.

Witnesses:

JOSHUA R. H. POTTS,  
LAURA J. ERICKSON.