H. L. BOYNTON.

SHAVING BRUSH.

APPLICATION FILED MAY 26, 1913

1,083,587. Patented Jan. 6, 1914.

Fig. 1

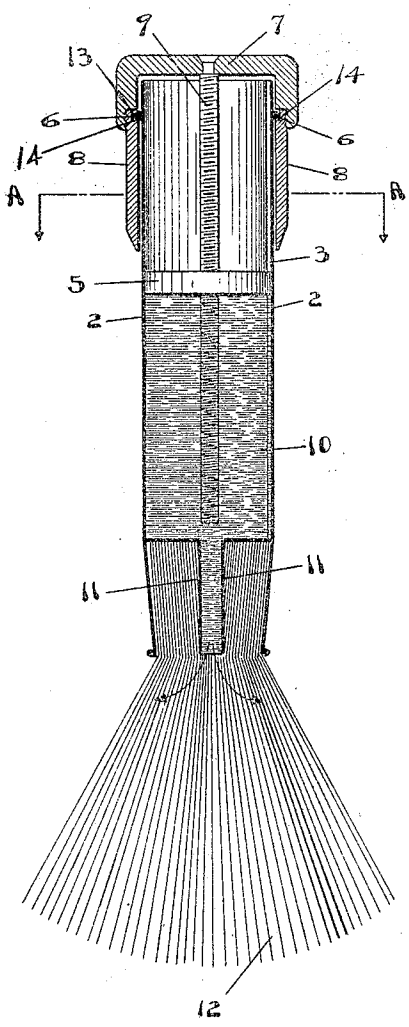
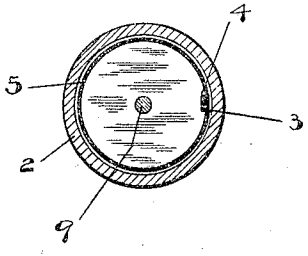


Fig. 2



WITNESSES:

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SHAVING-BRUSH.

1,083,587. Specification of Letters Patent. Patented Jan. 6, 1914.

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To all whom it may concern:

Be it known that I, HARRY L. BOYNTON, a citizen of the United States, residing at Portland, in the county of Multnomah and State of Oregon, have invented certain new and useful Improvements in Shaving-Brushes, of which the following is a specification.

My invention relates to brushes that are used for producing lather on the face preparatory to shaving, and has for its object to provide a device of this kind that will contain soap-paste in the handle which is composed of a hollow cylinder and a screw-cap attached to the end of said handle.

Further objects and advantages of my invention will be made clearly apparent in the following specification taken in connection with the accompanying drawing which forms part of this application, in which:—

Figure 1 is a longitudinal section through my invention, and Fig. 2 is a cross-section taken on line A A of Fig. 1, looking in the direction of the arrows.

Like characters of reference indicate like parts in the several figures of the drawing, of which:—

The numeral 2 indicates the cylinder or handle of the brush, to which is fastened spline 3, which runs longitudinally of said cylinder and registers with slot 4 of plunger 5. Adjacent the top portion of cylinder 2, is an annular rib 6, which prevents longitudinal motion of cap 7 and ring 8, respectively. Firmly secured to cap 7, is a screw 9, which passes through a threaded aperture in plunger 5 and serves to press said plunger downwardly and thus force soap-paste 10, into tube 11 from whence said soap-paste spreads outwardly (toward the direction of the arrows) into bristles 12, where it is converted into lather by coming in contact with water, which is applied to said bristles.

In order to operate my invention it is first necessary to insert soap-paste 10 into cylinder 2 and place plunger 5 within said cylinder, above said soap-paste and turn screw 9 into said plunger until shoulder 13 of cap 7 comes into contact with rib 6, after which ring 8 is passed over bristles 12, and over the outside of cylinder 2 and screwed into cap 7 until shoulder 14 of said ring contacts with said rib 6. To press the soap-paste downwardly, cap 7 and ring 8, (which is screwed thereto) must be rotated, which causes plunger 5 to force the soap-paste through tube 11, from whence said paste spreads outwardly into bristles 12 which are then moistened and lather produced by rubbing them on the face. The spline 3 registers with slot 4 and prevents plunger 5 from revolving within the cylinder, which revolution would prevent said plunger from downward travel when the screw is turned.

My invention may be constructed of any material and made of any size deemed suitable for all the requirements of such a device, and while I have described and illustrated a preferred form of construction and combination of elements deemed suitable for all the requirements for such a device, I desire to include in this application all mechanical equivalents and substitutes that may be fairly considered to come within the scope and purview of my invention as defined in the appended claim.

Having thus fully described my invention so that others skilled in the art which appertains may be enabled to construct and use the same, what I claim and desire to secure by Letters Patent, is:—

In a device of the character described, a hollow cylinder adapted to receive soap-paste, a delivery tube fastened to one end of said cylinder, an annular rib on the outward surface and adjacent the end of said cylinder remote from the bristles, said bristles being attached to the cylinder adjacent the delivery tube, a spline fastened within said cylinder in longitudinal relation thereto, a plunger with a vertical slot therein to register with said spline and prevent said plunger from circular motion, a screw-threaded cap with an annular shoulder forming part thereof revolubly mounted on one end of said cylinder, a screw-threaded ring passing over the outside surface of the cylinder and registering with said cap, an annular shoulder integral with said ring; the shoulder of said cap and ring contacting with the horizontal surfaces of said annular rib, the pwardly projecting portion of said shoulder registering with the periphery of said rib to prevent lateral and longitudinal

motion of said cap and ring, a screw firmly fixed to said cap and passing through a threaded aperture in the plunger and operable by the circular motion of the cap and ring for the purpose of actuating said plunger which forces the soap-paste into said delivery tube and from thence into said bristles, substantially as described.

In testimony that I claim the foregoing as my own, I hereunto affix my signature in the presence of two subscribing witnesses.

HARRY L. BOYNTON.

Witnesses:
PETER HABERLIN,
Mrs. H. L. BOYNTON.