March 21, 1967 E. D. SNODDERLY 3,309,727

FOAM SHAVE APPLIER

Filed March 23, 1965

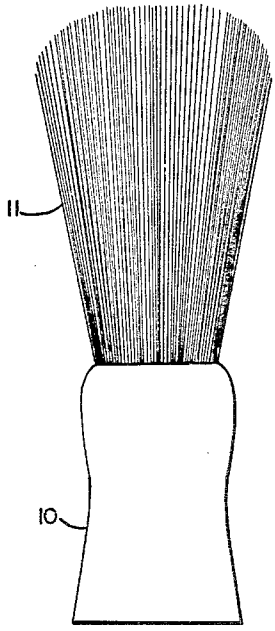

FIG. 1.

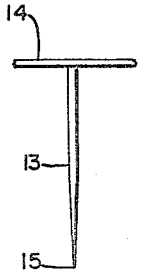

FIG. 2.

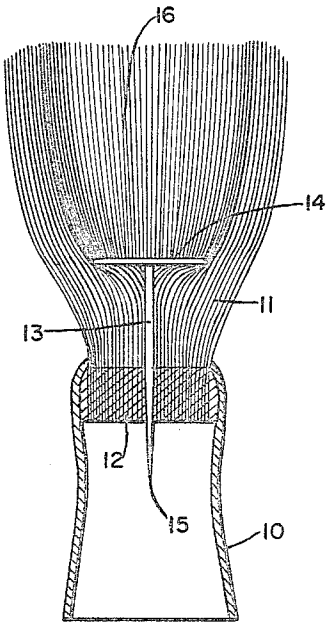

FIG. 3.

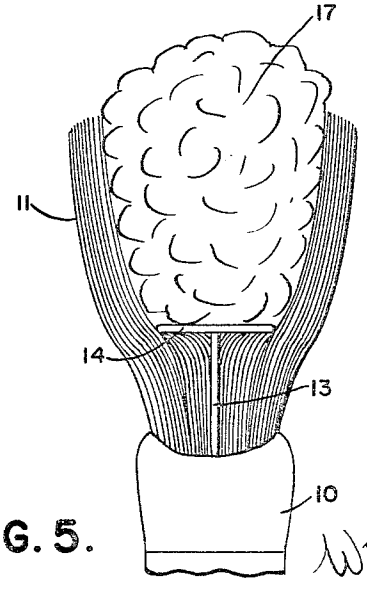

FIG. 5.

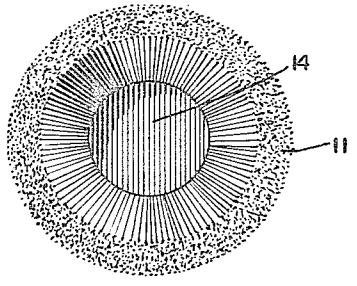

FIG. 4.

INVENTOR
Earl D. Snodderly

BY Wilkinson, Mawhinney & Theibault
ATTORNEYS

United States Patent Office 3,309,727
Patented Mar. 21, 1967

3,309,727

FOAM SHAVE APPLIER

Earl D. Snodderly, Box 431, Johnson City, Tenn. 37601

Filed Mar. 23, 1965, Ser. No. 442,027
1 Claim. (Cl. 15—160)

The present invention relates to foam shave applier and has for an object to provide a shaving brush in conjunction with an attachment therefor by which a suitable cavity is formed in the bristle body opening through an end of the brush for the purpose of receiving shaving cream or the like whereby the operations of applying lather and the like to the face of the shaver and the brushing action by which the lather is worked into the skin are simplified and combined in a single action which will economize time and facilitate the action of working the lather into the areas of the facial skin requiring shaving.

Another object of the invention is to provide a device applicable to conventional shaving brushes by which the bristles of the brush element may be spread or otherwise displaced to form such cavity.

A further object of the invention is to provide an extremely simple form of attachment which may be manufactured and sold separately from the shaving brush as an independent commercial article by which existing shaving brushes may receive the benefits of the invention by a simple and easily understood application of such attachment.

A still further object of the invention is to provide an attachment which may equally well be incorporated in manufacture of a shaving brush so that brushes so equipped will have an increased attraction for purchasers.

With the foregoing and other objects in view, the invention will be more fully described hereinafter, and will be more particularly pointed out in the claims appended hereto.

In the drawings, wherein like symbols refer to like or corresponding parts throughout the several views:

FIGURE 1 is a side elevational view of a shaving brush and stand or handle of conventional form.

FIGURE 2 is a side elevational view of a form of attachment for carrying out the purposes of the invention.

FIGURE 3 is a vertical sectional view of the brush of FIGURE 1 after incorporation of the attachment of FIGURE 2.

FIGURE 4 is a top plan view of the bristle element and attachment showing a formation of the cavity for the shaving cream or the like.

FIGURE 5 is a fragmentary vertical sectional view with portions of the stand removed and illustrating a form of application of shaving cream or the like to the cavity formed in the bristle element.

Referring more particularly to the drawings, **10** designates a conventional form of stand or handle and **11** the bristle assembly of a shaving brush of a conventional form now in extensive use.

As shown in FIGURE 2 the bristles **11** are mounted in a brush base **12** and this base is affixed to the handle or stand **10** in any conventional or other manner so that this base **12** is held fixedly in the upper portion of the stand **10**.

The attachment of this invention is illustrated more particularly in FIGURE 2 and comprises generally a pin **13** carrying at its upper end a preferably round flat head **14** of a diameter dependent on the size of shaving cream cavity desired. This pin may or may not be sharpened to a point **15** to facilitate application to the bristles and brush base **12**.

As shown in FIGURE 3 the pin **13** will be inserted as near as practicable in a central line down longitudinally through the bristles **11** and the base **12**. The degree to which the pin **13** penetrates the base **12** may be varied

in accordance with length of cavity or pocket **16** desired.

FIGURE 4 shows a top plan view of the brush with the attachment assembled thereto, indicating that the spreading action of the pin head **14** upon the bristles **11** will cause the bristles to arrange themselves in a circular distribution bordering the cavity or pocket **16** with the upper end of the pocket freely and at all times open to the introduction of the lather or foam shave cream indicated at **17** in FIGURE 5 in one application thereof in which the material **17** may be loaded into the cavity in a mass with portions thereof rising above the cavity if desired.

The depth to which the pin **13** is pushed into the base **12** will therefore control both the vertical or axial dimension of the cavity and also its width or diameter. The head **14** of the pin will serve not only as a spreader but also as a bottom or foundation for the cavity or pocket **16** and will form a floor on which the shaving material may be directly received and supported, which floor will, unlike the bristles, be imperforate and will prevent the shaving material from any further downward movement which also will be resisted by the ring of bristles laterally in the vicinity of the head **14** owing to the compaction of the bristles caused by the spreading movement. The ring of bristles, so spread, will be forced into a more compact or denser association, particularly at and for some distance above the pin head **14** so as to interpose a barrier to prevent exuding of the shaving material outwardly of the brush and to retain the same, at least in the lower portions of the cavity from being dissipated and wasted.

At the same time the upper portions of the bristles will be free to move, to execute their usual lathering operation and to retain their flexibility when moved back and forth across the face so that by the use of the attachment the lathering and consequent shaving operations are improved.

When the brush is worn out the attachment may be removed and replaced in a fresh brush without expense.

Where the pin **13** is made with a blunt lower end, a hole may be bored through the brush base **12** and the pin held therein by adhesive or other suitable means.

An ordinary shaving brush has a prescribed bristle assembly in which the bristles are set in a base with rubber, glue or other suitable material. The pin **13** and head **14** may be of any suitable material, for example, metal, plastic, etc.

Although I have disclosed herein the best form of the invention known to me at this time, I reserve the right to all such modifications and changes as may come within the scope of the following claim.

What is claimed is:

A foam shave applier comprising

(a) a stand-handle,

(b) a brush base secured in the stand-handle,

(c) an assembly of shaving brush bristles having ends thereof affixed in said base,

(d) means for spreading the assembly as to major lengths of the bristles in a substantially hollow circular conformation to form a foam-receiving internal ever-open cavity at outer ends of the assembly, said means including a pin comprising

(e) a shank fastened in the brush base and extending a substantial distance outwardly of the base and outwardly of the adjacent end portion of the stand-handle,

(f) a spreading head on the shank at its outer free end portion embedded in the bristle assembly and causing the bristles to form into said circular conformation providing said cavity of which said head forms a base,

(g) the outer portion at least of said head being flat and smooth, and

(h) said pin head being thin and flat as to its undersurface and located in the brush assembly a distance within the cavity greater than half the length of the bristle assembly to produce a substantial cavity with a relatively dense side wall for holding shaving foam.

References Cited by the Examiner

UNITED STATES PATENTS

1,092,710	4/1914	Hartmann	15—110
1,120,476	12/1914	Hansen	15—191
1,694,364	12/1928	Albright	15—192
2,656,559	10/1953	Wiseman	15—176 X
2,786,222	3/1957	Rolker	15—193

FOREIGN PATENTS

663,618	4/1929	France.
3,349	1900	Great Britain.
498,999	11/1954	Italy.

CHARLES A. WILLMUTH, *Primary Examiner.*

PETER FELDMAN, *Assistant Examiner.*