United States Patent

Harrison, Sr.

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[54] FACE WETTER FOR SHAVING

[72] Inventor: **Jack Robert Harrison, Sr.**, 9209 Ferndale Road, Dallas, Tex. 75238

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[52] **U.S. Cl.** **30/41**, 222/565

[51] **Int. Cl.** **B26b 21/44**, B65d 47/00

[58] **Field of Search** 30/41, 41.5, 86, 90; 210/320; 222/420, 442, 564, 565

[56] **References Cited**

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Primary Examiner—Andrew R. Juhasz
Assistant Examiner—Gary L. Smith
Attorney—Alexander & Dowell

[57] **ABSTRACT**

The safety razor has a handle carrying a head adapted to hold a double-edged safety razor blade, the head having a recessed underside. A face wetter vessel adapted to carry a liquid is mounted on the handle and has a base entering the recessed underside of the razor head. The base has a series of perforations therein at opposite sides thereof adjacent to the edges of the razor blade through which drops of the liquid are deposited on the face of the user when the razor handle is tilted from the vertical in the act of shaving.

7 Claims, 4 Drawing Figures

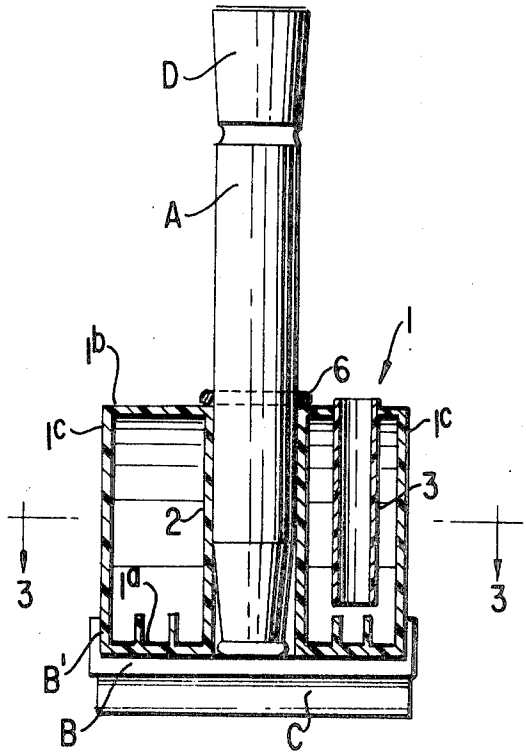


FIG. 1

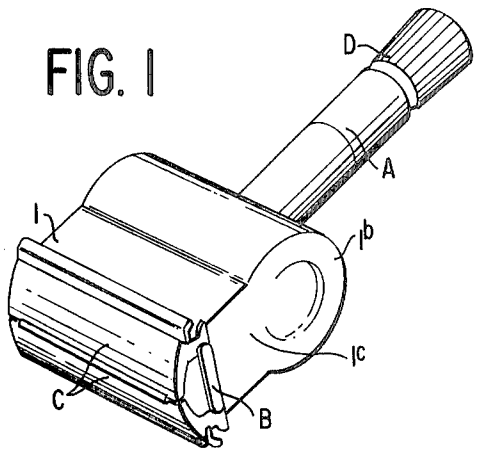


FIG. 2

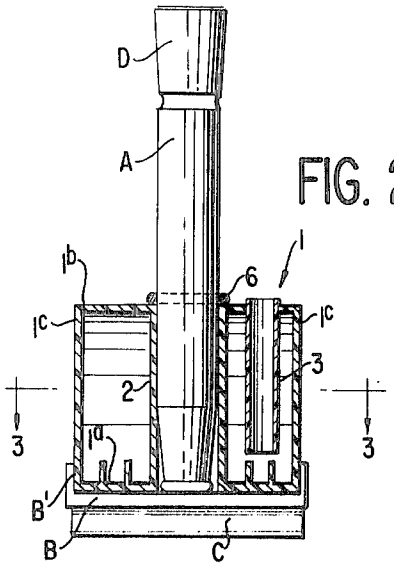


FIG. 3

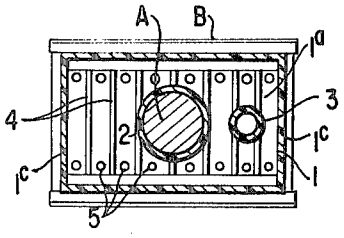
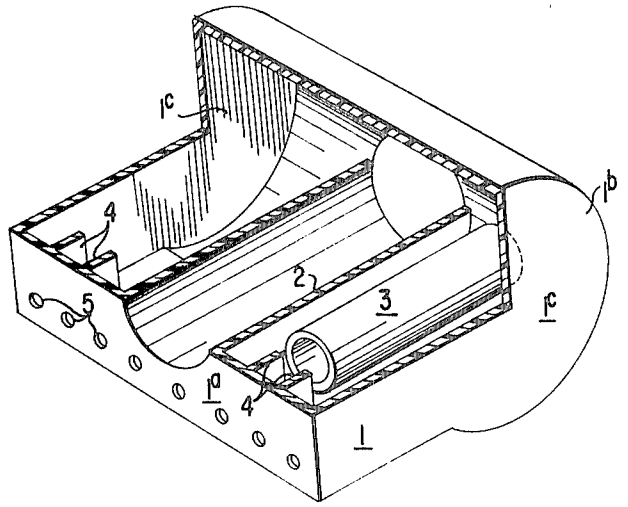


FIG. 4



INVENTORS

Jack Robert Harrison, Sr.

BY Alexander Powell

ATTORNEYS

FACE WETTER FOR SHAVING

DESCRIPTION OF INVENTION

This invention is a novel face wetter for safety razors of the usual type having a handle connected at one end to a double-edged razor holding head, the underside of the head being recessed, and the head carrying a pair of pivoted flaps which when closed maintain the razor blade compressed into arcuate form between the head and the flaps.

One object of the invention is to provide a face wetter for such safety razors which may be either formed integrally with the razor, or may be mounted on the handle thereof, the face wetter comprising a substantially rectangular vessel for holding water or other liquid solution and having a base adapted to fit within the recessed underside of the razor head to prevent rotation thereof on the handle, and having means for filling the vessel, the base of the vessel having rows of perforations along each side adjacent the edges of the razor blade adapted in certain positions of the razor to permit the flow of water or solution from the vessel in the proximity of the razor blade. Subdividers are also provided on the inside of the base located between the perforations in the base, which subdividers act to distribute the flow of water or other solutions over the perforations as the razor and face wetter is tilted to different degrees from the vertical tilted or by side movement. When the vessel has been filled with water or other solution, the razor blade will follow directly behind the face wetter which is depositing drops of water or other solution on the face of the user as the razor is tilted in the act of shaving.

Another object of the invention is to provide a face wetter vessel of the above type having a filling tube therein arranged so that the vessel can be filled with water or other solution when the razor is immersed in said solution with the handle pointed downwardly but when the vessel is full and the handle pointed upwardly the same will contain the water in the vessel below the rows of the above-mentioned perforations.

A further object of the invention is to provide a vessel of the above type which can be made of plastic, such as polystyrene or other suitable materials and can be made integrally with the razor or affixed to the razor by means of a rubber band or collar.

I will explain the invention with reference to the accompanying drawing, which illustrates one practical embodiment thereof, to enable others familiar with the art to adopt and use the same; and will summarize in the claims, the novel features of construction, and novel combinations of parts, for which protection is desired.

In said drawings

FIG. 1 is a perspective view of my face wetter applied to the handle of a safety razor.

FIG. 2 is a vertical section through the assembly shown in FIG. 1.

FIG. 3 is a transverse section on the line 3—3 of FIG. 2.

FIG. 4 is an enlarged perspective view of the face wetter showing same partly cut away.

As shown, my novel face wetter is adapted to be used in connection with a double-edged safety razor of the type having a handle A connected at one end to a head B which carries a pair of pivoted arcuate plates C whereby when the knob D at the end of the handle A is rotated the arcuate plates C may be swung outwardly from the head B, permitting a double-edged safety razor blade (not shown) to be inserted upon the head B, so that when the arcuate plates C are again enclosed upon the head B the razor blade will be clamped between the head B and plates C exposing the cutting edges of the blade along the side edges of the head B in the usual manner preparatory to the shaving operation. The particular form of the safety razor forms no part of my present invention, except that in most safety razors the rear face of the head B is recessed, as indicated at B' in FIG. 2.

My novel face wetter comprises a substantially rectangular vessel 1 for holding water or other liquid shaving solution, said vessel having a base 1*a* of substantially the same size and shape as the recessed portion B' of the head B of the razor so as to fit therein to prevent rotation of the vessel 1 on the handle A. The opposite end of the vessel 1 is preferably enlarged and rounded to substantially semicircular shape, as at 1*b*, for the purpose of increasing the volume of the vessel 1. The sides of the vessel are closed by walls 1*c*, and the vessel 1 is adapted to hold an amount of water or liquid shaving solution.

Extending through the vessel 1 on the axis thereof, from the base 1*a* to the circular end 1*b*, is a tube of sufficient diameter to permit the handle A and the knob D to pass therethrough when assembling the vessel 1 on the razor in the manner shown in FIGS. 1 and 2. Also extending inwardly of the vessel parallel with the tube 2 is a filling tube 3, the tube 3 being anchored in the circular end 1*b* of the vessel and terminating short of but adjacent to the base 1*a*, as shown in FIGS. 2 and 4. Thus the space within the vessel 1 around the tubes 2 and 3 may be completely filled with water or liquid shaving solution as shown in FIGS. 3 and 4.

On the inner face of the base 1*a* are a series of spaced subdividing fins 4 extending inwardly of the vessel a short distance, and between the fins 4 extending through the base 1*a* of the vessel at adjacent opposite edges thereof are a series of perforations 5 as shown in FIGS. 3 and 4, said perforations 5 permitting the water or other solution within the vessel 1*a* to flow in drops when the razor and vessel are tilted to either side from an upright position, the subdividers acting to allow a flow of water or other solutions as the razor and the attached face wetter is tilted to different degrees or angles from the vertical. When the vessel 1 has been filled with water or other solution the razor blade will follow directly behind the face wetter which is depositing drops of water or other solutions on the face of the user when the razor is tilted in the act of shaving.

The vessel 1 can be filled when the razor is immersed in water with the handle pointed downwardly, and when the vessel is full the handle may be turned upwardly and the vessel will contain the water therein, the water remaining in the vessel 1 until the razor is again used in the act of shaving and is tilted to different angles from the vertical.

The vessel is preferably made of plastic, such as polystyrene or other suitable material, and can be made integral with the razor or may be affixed to the razor by means of a rubber band or collar 6 (FIG. 2) around the handle A of the razor and engaging the circular end 1*b* of the vessel 1, the band 6 retaining the vessel on the handle A in the position shown in FIGS. 2 and 3 preventing rotation of the vessel on the handle by reason of the base 1*a* engaging in the recessed portion B' of the head B of the razor.

I claim:

1. In combination with a safety razor having a handle carrying a head adapted to hold a double-edged safety razor blade, said head having a recessed underside; a face wetter comprising a vessel adapted to carry a liquid mounted on the handle and having a base conforming with and entering the recessed underside of the razor head; said base having rows of perforations therein along opposite sides thereof adjacent to the edges of the razor blade through which drops of said liquid will be deposited on the face of the user when the razor handle is tilted from the vertical in the act of shaving; a series of subdivider fins on the inner face of the base alternating with the said perforations of the series, to maintain liquid at the perforations of the series when the razor is tilted sidewise.

2. A face wetter for safety razors having a handle and a blade-carrying head, said wetter comprising a substantially rectangular vessel adapted to carry a liquid and to be mounted on the handle, and having a base adapted to contact the underside of the razor head; said base having series of perforations therein at opposite sides thereof adjacent to the edges of the razor head through which drops of said liquid are deposited on the face of the user when the razor is tilted from the vertical in the act of shaving; a series of subdivider fins on the inner side of the base alternating with the said perforations on the series, to maintain liquid at the perforations of the series when the razor is tilted sidewise.

3. In a combination as set forth in claim 1, said vessel having a tube extending therethrough from the base to the opposite end, of larger diameter than the razor handle, through which the handle extends; and means around the handle engaging said opposite end of the vessel for retaining the vessel positioned on the handle.

4. In a combination as set forth in claim 3, said means comprising a resilient band.

5. In a combination as set forth in claim 1, a filling tube extending inwardly of the vessel from the end opposite from the base and terminating adjacent to but spaced from the said base of the vessel, whereby the vessel may be filled with liquid when immersed in said liquid, the liquid remaining in the vessel below the rows of perforations when the handle is pointed vertically downwardly.

6. In a wetter as set forth in claim 2, said vessel having a tube extending therethrough from the base to the opposite end, of larger diameter than the razor handle, through which the handle may extend.

7. In a wetter as set forth in claim 2, a filling tube extending inwardly of the vessel from the end opposite from the base and terminating spaced from the said base of the vessel, whereby the vessel may be filled with liquid when immersed in said liquid, the liquid remaining in the vessel below the rows of perforations when the handle is pointed vertically downwardly.

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