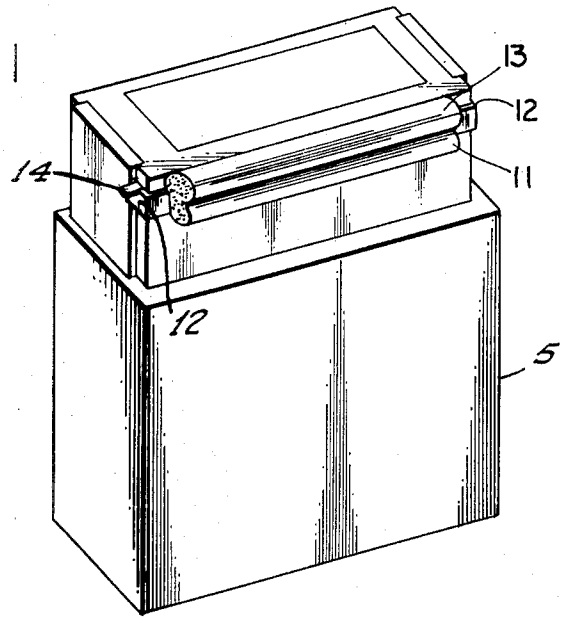
June 30, 1970 M. J. REGAN 3,517,442

ATTACHMENT FOR INCREASING THE EFFECTIVENESS OF AN ELECTRIC SHAVER

Filed April 8, 1968

FIG. 1



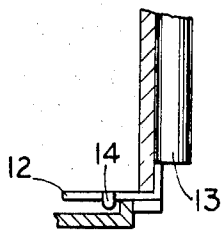


FIG. 3

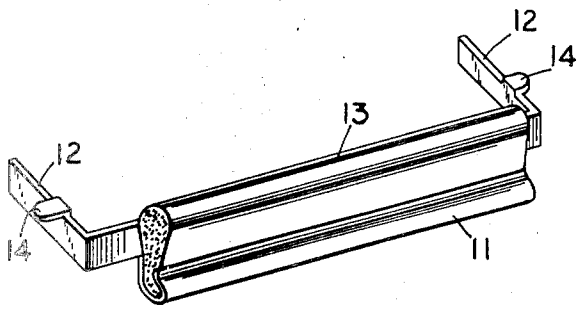


FIG. 2

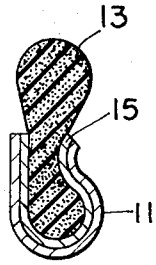


FIG. 4

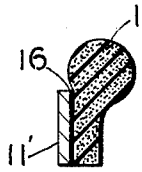


FIG. 5

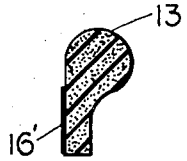


FIG. 6

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ATTACHMENT FOR INCREASING THE EFFECTIVENESS OF AN ELECTRIC SHAVER

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Int. Cl. B26b *19/38*
U.S. Cl. 30—41 4 Claims

ABSTRACT OF THE DISCLOSURE

A clip means for holding absorbent material detachably upon the housing of an electric shaver, whereby said means contain arms for retention thereof by door-like closures at opposite ends of the head of the shaver; said clip means being usable singly or in pairs. Said absorbent material may be moistened with a skin conditioning lotion or other suitable emollient, which is applied by the pressure of said material upon the face and neck prior to and simultaneously with the use of an electric shaver.

This invention is an improvement over my copending application Ser. No. 683,335, filed Nov. 15, 1967, and has been devised for the purpose of providing independent clip elements which may be used singly or in pairs, for attachment upon certain models of electric shavers wherein such clips can be accommodated.

As with my original invention, it is the purpose of this improvement thereon to provide an easier, more comfortable shave for the user of an electric shaver, by permitting application of a lotion or other suitable emollient to moisten the skin and soften the beard simultaneously with the cutting of the latter. It has been found that simultaneous moistening renders the skin pliable and also, that it serves to eliminate the burning sensation experienced when an electric shaver, after being used for more than a few moments, heats up and causes the skin to become reddened and irriated.

In addition, as particles of the beard are cut off, some are caught in the pores of the absorbent material and lodged a distance from the cutting heads of the shaver so that they are not again subjected to the cutting action, thus increasing the effectiveness of the shaver in removing the growth of beard from the face and neck. This is found to be especially true when an oil-based lotion or like emollient is applied to the absorbent material. Said particles of beard are removed from the absorbent material, after the shaving is completed, by removing the applicator from the shaver and washing the same in preparation for succeeding uses.

The structure of the present invention may be more readily understood by reference to the drawings, in which

FIG. 1 is a perspective view of the clip device of the present invention as it would appear when attachted to a conventional electric shaver **5**;

FIG. 2 is a perspective view of the clip as in FIG. 1, with the attachment means exposed;

FIG. 3 is a top plan view of the clip device at one end thereof;

FIG. 4 shows the means by which the absorbent material may be retained in the clip; and

FIGS. 5 and 6 show alternate means for such retention, either by adhesion as at **16** in FIG. 5, to a linear strip **11'**, which is insertable through the channel formed in member **11**; or by direct adhesion of said absorbent material to said linear member **11**, as at **16'** in FIG. 6.

Referring more particularly to the drawings, the clip device **11** of the present invention is shown as the same

would be attached to an electric shaver having at its opposite ends door-like members which are adapted to snap shut against the ends of the cutting heads. End portions **12, 12** are held by such door-like members, and absorbent material **13** such as sponge rubber or a like porous, resilient substance is retained along the side, or along both sides, where a pair of such clip devices are used, so that the uppermost edge of said absorbent material is substantially on a plane with the cutting surfaces of the head of the shaver.

In FIG. 2, lips **14, 14** are shown, which provide added security for the retention of the clip device in its position upon the shaver head.

In FIG. 3 the lip **14** on clip arm **12** is shown as the same would be held by the said door-like element of the shaver.

FIG. 4 shows the absorbent material **13** retained in a channel in clip **11** formed by the longitudinal bending of said linear member to provide compression of the absorbent material as at **15**, at a point substantially central in the body of the said absorbent material.

As an alternative to compression, adhesion may be used to retain the absorbent material, and in FIG. 5 said absorbent material **13** is shown adhered at **16** to a linear member **11'**, which member facilitates insertion of said absorbent material through the channel of member **11**.

FIG. 6 provides an additional method for adhering said absorbent material to the clip device, said method consisting in the application of an adhesive of the pressure-sensitive type to the said absorbent material as at **16'**, said adhesive surface being applied directly to the wall of said linear member **11**.

What I claim as my invention, and wish to secure by Letters Patent of the United States, is:

1. An electric razor, a clip having a channel, a sponge member linearly disposed in said channel; and arms at the ends of the clip securing the clip to the razor in such a position as to have the sponge apply an emollient, releasably retained therein, to the skin of the user while shaving.

2. The invention as in claim **1**, wherein said member is retained within an element insertably engaged with said clip.

3. The invention of claim **1**, wherein said sponge member is retained in said channel by compression.

4. The invention as in claim **1**, wherein said sponge member is provided with an adhesive surface for application of said member directly to the wall of the clip.

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DANIEL BLUM, Primary Examiner

U.S. Cl. X.R.

15—244; 30—34, 90