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2,164,820

ATTACHMENT FOR ELECTRIC RAZORS

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Fig. 1.

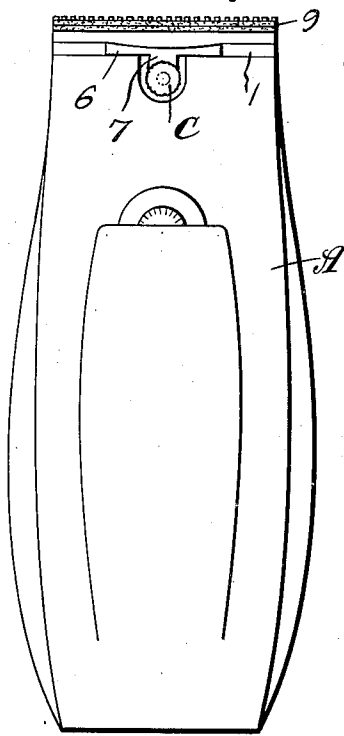


Fig. 2.

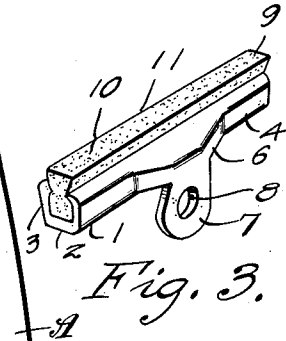
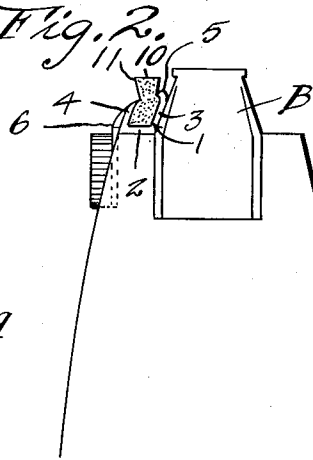


Fig. 3.

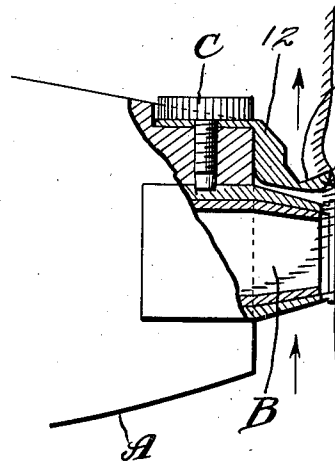
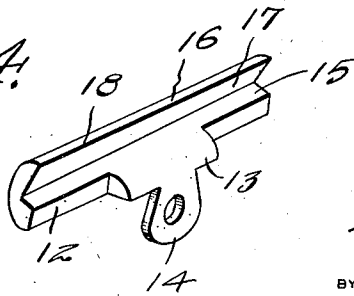


Fig. 5.

Fig. 4.



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ATTACHMENT FOR ELECTRIC RAZORS

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2 Claims. (Cl. 30-34)

This invention relates to attachments for electric razors of the kind generally known as dry shavers, and its general object is to provide an attachment for application to any type of dry shaver and the like, for lifting the hairs immediately in advance of the cutter, so that they will be disposed perpendicular to the skin to be received by the cutting means accordingly, as such position of the hairs are necessary in order that they can be cut at their juncture with the skin, with the result my attachment materially increases the efficiency of the razor particularly to the extent that it enables the user to produce a very close shave in less time and effort, than is possible without the attachment.

A further object is to provide an attachment of the character set forth, that can be easily and expeditiously applied to the razor, and is detachable therefrom for cleaning or other purposes.

Another object is to provide a razor attachment that is simple in construction, inexpensive to manufacture, and extremely efficient in use and service.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawing and specifically pointed out in the appended claims.

In describing the invention in detail, reference will be had to the accompanying drawing wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a front elevation illustrating one form of my attachment applied to a razor.

Figure 2 is a side view thereof.

Figure 3 is a perspective view of the form as shown in Figures 1 and 2.

Figure 4 is a perspective view of a modified form.

Figure 5 is a view partly in section illustrating the form of Figure 4 applied to a razor, and in use.

Referring to the drawing in detail, it will be noted that I have illustrated my attachment as being applied to one type of razor known as a dry shaver but it will be understood that it can be applied to any type. The type shown includes the usual handle A, cutting means B and a set screw C for the cutting means, the attachment being secured to the razor by the set screw in the form shown, but it can be secured by any means suitable for the purpose.

The form of attachment as shown in Figures 1 to 3 inclusive includes an elongated body 1 of a

length co-extensive with the length of the cutting means, and the body is of channel formation to provide a flat bottom wall 2 and parallel inclined inner and outer side walls 3 and 4.

The outer wall is beveled at its upper end and is inwardly flared accordingly toward the inner wall, while the inner wall is slightly wider than the outer wall, with a flange 5 formed on the upper edge thereof and inclined toward the outer wall.

The outer wall is enlarged midway its ends to provide a boss 6 extending laterally therefrom and formed on and depending from the boss 6 is a lug 7 having an opening 8 therein, as best shown in Figure 3. The lug is disposed at right angles with respect to the boss, as well as the bottom wall 2, in the form as shown.

Mounted in the channel of the body for fitting association therewith is a skin friction strip 9 of rectangular formation in the form as shown, but in any event it is provided with a flat upper surface 10 to provide an edge 11. The strip 9 is held clamped within the channel by the beveled upper edge of the outer wall and by the flange 5 of the inner wall and in a manner whereby the portion of the strip that extends beyond the body is inclined with respect thereto. The strip 9 may be formed from any material suitable for the purpose such as hard rubber, leather or the like.

It will be obvious as best shown in Figure 2, that the attachment is applied to the razor in a manner so that the body is seated on the head of the razor laterally of the cutting means B, with the inner wall engaged with the latter, the inner wall being inclined to follow the shape of the cutting means, and the lug 7 is received by the shank of the set screw C, for securing the attachment in place. The outer end of the strip 9 is substantially flush with the outer end of the cutting means, and the edge 11 is adapted to engage the skin in advance of the cutting means during the use of the razor, for lifting the hairs to dispose the latter perpendicular to the skin, so that the hairs will be arranged accordingly when they reach the cutting means, with the result they will be cut at their juncture with the skin, thereby providing a close shave, as will be apparent.

While the channel of the body 1 is shown as being of substantially rectangular configuration with a rectangular strip 9 therein to fit the walls thereof, it will of course be understood that the channel may be of any shape, with a strip of corresponding shape to fit therein and held accordingly by the walls of the body.

In the form of Figures 4 and 5, it will be noted that the body 12 is also of elongated formation to be co-extensive with the length of the cutting means and has a boss 13 formed thereon, with an apertured lug 14 depending from the boss, for application of this form to the razor in the same manner as the form of Figures 1 to 3, and as clearly shown in Figure 5.

The body 12 is also channeled longitudinally as at 15, but in this instance, the channel provides a skin contacting and hair receiving member 16 having a flat face 17 to receive the hairs as shown in Figure 5 and which extends into an outer skin engaging edge 18.

The application of this form is clearly shown in Figure 5 but it might be mentioned that the inner face of the body 12 may be disposed in contacting engagement with the cutting means, but in any event the body and the lug are seated on the head, with the lug disposed at right angles to the body for fitting association thereof with the head, and the lug is mounted in the recess for the head of the set screw. Such arrangement places the flat face 17 outermost, and immediately in advance of the cutting means, so as the razor is moved across the skin, the hairs contact the flat face and are lifted for disposing them substantially perpendicular to the skin, so that they will be in that position when the cutting means reaches the same.

It is thought from the foregoing description that the advantages and novel features of the invention will be readily apparent.

It is to be understood that changes may be made in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:

1. An attachment for an electric razor, comprising an elongated channel shaped body provided with a flat bottom wall and parallel side

walls disposed at an inclined angle with respect to the bottom wall, a skin friction strip seated in the channel and shaped to define a skin engaging edge exteriorly of the channel, a flange formed on the outer longitudinal edge of one of said side walls and directed substantially toward the other side wall, the latter wall being of less width than the flanged wall and having its outer longitudinal edge beveled and inclined toward the flanged wall for cooperation with the flange for securing the strip within the channel with its outer portion disposed at an angle to its seated portion, and means for securing the body to the razor with said skin engaging edge in advance of the cutting means of the razor for disposing hairs perpendicular to the skin to be received by the cutting means accordingly.

2. An attachment for an electric razor, comprising an elongated channel shaped body provided with a flat bottom wall and parallel side walls disposed at an inclined angle with respect to the bottom wall, a skin friction strip seated in the channel and shaped to define a skin engaging edge exteriorly of the channel, a flange formed on the outer longitudinal edge of one of said side walls and directed substantially toward the other side wall, the latter wall being of less width than the flanged wall and having its outer longitudinal edge beveled and inclined toward the flanged wall for cooperation with the flange for securing the strip within the channel with its outer portion disposed at an angle to its seated portion, a boss formed on the body and extending laterally and centrally thereof, an apertured lug formed on the boss and disposed at right angles with respect to the body, screw means for passage through the aperture for securing the attachment to the razor with said skin engaging edge in advance of the cutting means of the razor for disposing hairs perpendicular to the skin to be received by the cutting means accordingly.

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