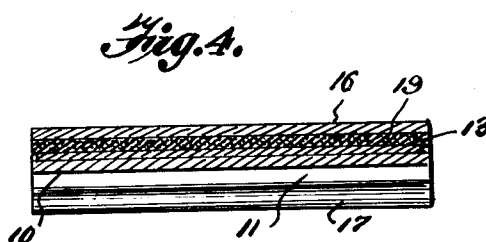
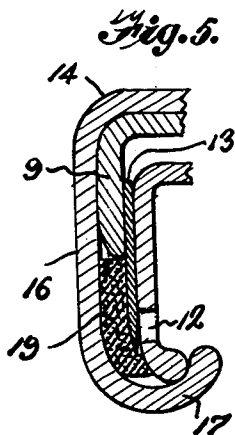
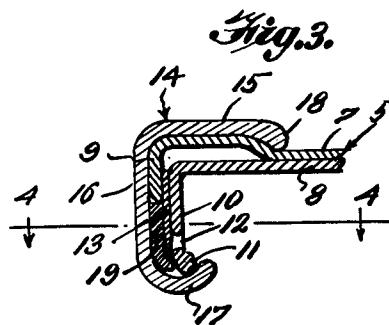
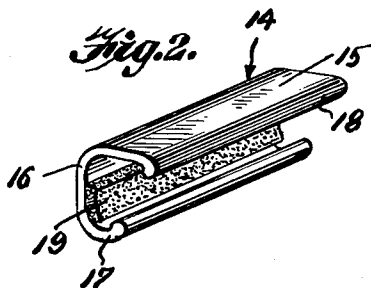
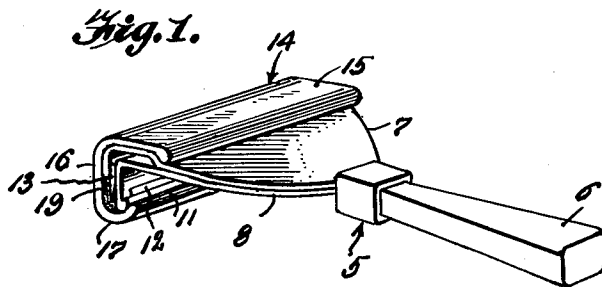


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T. O. GANZER
RAZOR BLADE PROTECTOR

2,636,264

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RAZOR BLADE PROTECTOR

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1 Claim. (Cl. 30—90)

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The present invention relates to improvements in means for protecting razor blades and has as its principal object the provision of means whereby a single edge blade may be protected between shaves while in the razor, thus increasing the usefulness and durability of the blades, which under present circumstances becomes defective due to corrosion and rust, even when substantially wiped dry after shaving.

Another important object of the invention is to provide a razor blade protector, which not only protects the edge of the blade but also applies a lubricant to this portion of the blade so that oxidation cannot readily take place along the cutting edge of the blade.

Still another object of the invention is to provide a protector of the character stated which can be easily attached to a razor, after each shave, to protect the blade to the extent specified.

These and various other objects and advantages of the invention will become apparent to the reader of the following description.

In the drawing:

Figure 1 is a perspective view of one type of razor with the protector applied.

Figure 2 is a perspective view of the protector.

Figure 3 is a cross-sectional view through the protector and a portion of the razor as shown in Figure 1.

Figure 4 is a section taken substantially on line 4—4 of Figure 3.

Figure 5 is a fragmentary sectional view similar to Figure 3 but somewhat enlarged to show details of construction.

Referring to the drawing wherein like numerals designate like parts, it can be seen, that numeral 5 generally refers to a conventional razor, such as the well-known Schick razor. This type of razor has a handle 6 and a pair of plate members 7, 8 projecting therefrom and flanged downwardly at their forward ends in close proximity to provide a short depending wall 9 and a longer depending wall 10, the latter having an inwardly curved lower end portion 11, in advance of which is a slot 12 for the obvious purpose of permitting the passage of shaving lotion, cut beards and water, when the blade is being rinsed after shaving. Numeral 13 denotes a conventional single edge blade and this blade is generally injected into the razor 5, between the walls 9, 10 by a conventional blade injector, such as is supplied with razor blades and razors of this particular type.

The present invention is generally referred to by numeral 14 and consists of an angular plate,

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preferably of a plastic material and incidentally having some resiliency. This angular plate includes a top wall 15 and a vertical side wall 16, the side wall 16 having its lower edge portion curved inwardly to provide a troughlike formation 17. The free edge of the top wall 15 is bent downwardly to provide a rib 18 adapted to bear against the top plate 7 of the razor 5.

Cemented or otherwise secured to the inside of the vertical wall 16, just above the trough 17 is a strip 19 of suitable material, saturated with oil. This strip serves as a pad. One side of the razor can be engaged in the protector 14, by slight flexing of the protector (the walls 15, 16 preferably being of plastic and resilient) and then slid entirely into the protector, where the sharp edge portion of the blade will bear against the oil saturated pad 19. In a short time after placement of the razor with its blade in this position, oil from the pad 19 by capillary attraction will pass entirely over the cutting edge portion of the blade and thus provide a protective coating against oxidation.

As can be seen in Figure 3, the curved guard portion 11 of the razor will seat in the trough 17 of the protector and the protector will remain steadily in place until displaced laterally off of the razor.

It is also to be understood that the protector can be held in one hand and the guard portion of the razor, first placed over the curved portion 17 and then by rotating the razor inwardly, the razor will seat itself with the protector properly secured against the razor.

While the foregoing description sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

Having described the invention what is claimed as new is:

In a single-edge razor of the Schick type wherein the razor includes a handle, an inner plate member and an outer plate member projecting from said handle in close proximity to each other, the outer plate having a perpendicular wall at its outer end, the inner plate having a perpendicular wall at its outer end, said outer plate having a shoulder formed therein adjacent its outer end to cause the outer portions of said plates and said walls to be in spaced parallel relation to each other, an inwardly curved lip formed on the free end of the wall of the inner plate, and a single-edge blade mounted between

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said walls, the provision of a protector for said blade comprising a body of flexible material having substantially U-shaped cross sectional area, an inwardly extending rib formed on one leg of said body and engageable with said shoulder, the other leg of said body being formed as a trough and engageable over said lip, and a pad of absorbent material fixed to the inner side of the bight portion of said body and adapted to bear against said blade.

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