

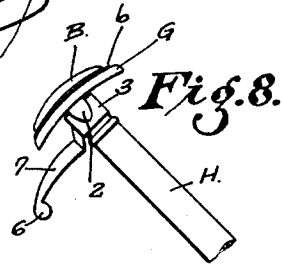
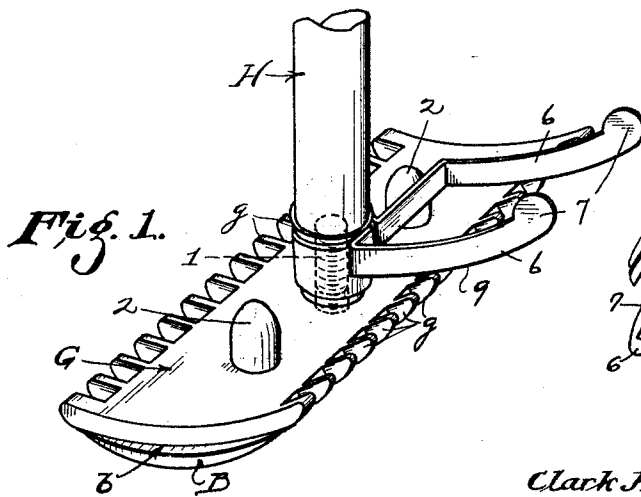
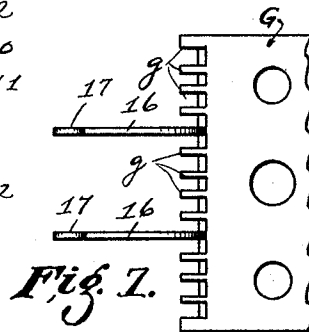
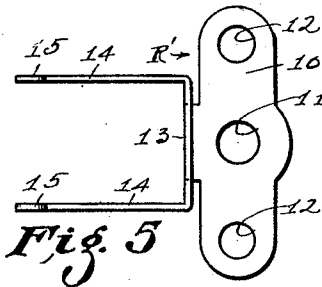
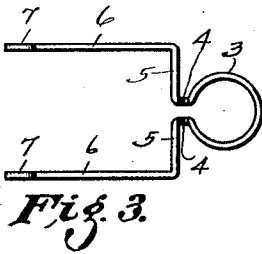
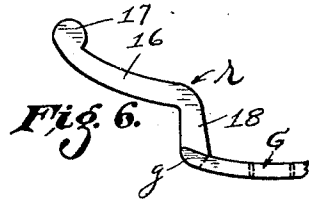
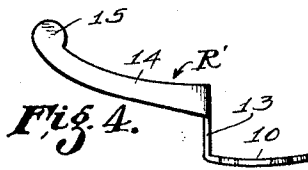
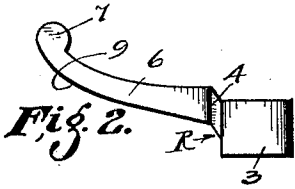
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1,700,951

C. H. POWER ET AL

SAFETY RAZOR

Filed June 11, 1927



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SAFETY RAZOR.

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This invention relates to safety razors and more particularly to a safety guard and rest adapted to be applied to safety razors now in use, in the form of an accessory attachment or as an improvement to safety razors during the process of manufacture.

The principal object is to provide a simple and effective rest or guard adapted to be detachably held in position on the handle or body of a safety razor, which rest will prevent tilting of the razor in a shaving operation to an extent which would cause the razor to cut the flesh, and at the same time serve to draw the skin out smoothly in advance of the razor as the same is moved over the face.

Other objects will appear as the description progresses.

In the accompanying drawings we have shown a preferred embodiment of our invention, together with one or two modifications thereof.

In said drawings:

Fig. 1 is a perspective view of a safety razor embodying our improvements in a preferred form;

Figs. 2 and 3, respectively, are side and top plan views of the rest member shown in Fig. 1.

Figs. 4 and 5 are similar views of a modified form of rest.

Figs. 6 and 7 are similar views of another form of rest; and

Fig. 8 is a side elevation of a razor embodying our improvements, shown in the proper angle for shaving.

It will be understood by reference to Fig. 1, that a razor in common use to which our improvements are particularly adapted to be added, usually consists of a body member B having a central threaded stem 1 and pins 2, 2, formed thereon on which are detachably held a blade *b* and a guard G, said blade and said guard being perforated to receive the stem 1 and the pins 2, 2. A handle H is provided which is internally bored and threaded to receive the stem 1 by means of which the handle is detachably connected to the members B, *b* and G.

Our improvements consist in a rest shown as at R, in its simplest form, at R' in a modified form, and at *r* in a still different form.

In its preferred form as at R, said rest embodies a spring steel member having a central loop portion 3, which upwardly formed extensions 4, 4, connecting with right angularly bent portions 5, 5, which are bent at

right angles to provide parallel side portions 6, 6, which terminate in rounded members 7, 7. The loop 3 is adapted to frictionally engage and to be supported on the lower portion of the handle H immediately above the concave upper surface of the guard G, so that when the handle body B and guard G are tilted, as shown in Fig. 8, at a proper shaving angle the lower curved surfaces 9, 9, of the rest R, R' or *r* will rest upon the skin and prevent the razor being tilted further and to an extent which will render the cutting of the skin possible. The loop 3 of the rest R has sufficient tension to hold the same frictionally in adjusted position on the handle H.

The proper position for the rest R is as is shown in Fig. 1, at right angles to the members B, *b* and G, the edges 9 of the rest arms 6, 6, are so formed that the rest will have a rocking contact with the skin.

The form of rest shown at R' in Figs. 4 and 5 includes an integral member formed of sheet steel, and embodying a plate 10 having an opening 11 in the center thereof to receive the stem 1, and other openings 12, 12 spaced therefrom to receive the pins 2, 2, by means of which the member R' is held in position on the guard and under the lower end of the handle H.

The plate 10 is of concave cross section so as to fit the upper concave surface of the guard G, upon which it rests and between which and the handle H it is held in position on the razor. Member R' is bent upwardly from the portion 10 at 13 and has right angularly bent portions 14, 14 extending at right angles to the portion 13, and provided with the rounded ends 15, 15. Portions 14 and 15 of the member R' correspond to the portions 6 and 7 of the member R.

The third form of device shown in the drawings consists in providing a pair of laterally extended arms 16 and 16 from the guard member G, on which arms the rounded portions 17, 17 are provided, as in the other two forms of device. The member G is provided on its sides with a plurality of teeth as at *g*, *g*, etc., and said member G may be formed as shown in Figs. 6 and 7 with two of the inner teeth equally spaced from the ends of said member, extended to provide the arms 16, 16, said two teeth being extended upwardly at 18 and thence rearwardly at 16, as shown in Fig. 6.

The forms of devices shown at R and R' are very simple and cheaply made of spring

metal, stamped into form and detachably held on the members G by means of the handle H. The form of device *r*, however, shown in Figs. 6 and 7 necessitates the forming of the guard or rest arms 16, 16 on the member G, which would necessarily be done when the razors are manufactured or by supplying supplementary members G with our improvements added thereto. In either of the cases, however, the result obtained by the use of our improvements is the same, the particular form not being material to our invention.

When the member R is provided, said member may be rotated on the stem H so as to be selectively operative when either cutting edge of the blade *b* is used. When the member R' is used in a shaving operation, the same can be reversed to correspond to the used cutting edge of the blade *b*, by detaching the handle H and member R' and reversing it in position on the member G. The same is true of the form of device *r* formed on the member G. Member G may be provided with a pair of the arms 16 on one or both sides thereof, in which case the reversal of said member will be unnecessary. When only one side, however, is provided with said arms, the guide G may be reversed in the same manner as the member R'.

What we claim is:

1. In a safety razor, the combination with a body, a guard detachably held thereon and provided with laterally extending teeth, a handle detachably connected with said body for holding a blade in operative position between said guard and said body, and a skin stretching device detachably supported by means of said handle and having a pair of arms spaced apart and extended laterally from said guard in substantial parallelism

with the teeth thereon and adapted to rest upon the skin at points remote from the guard teeth.

2. In a safety razor, the combination with a body, a guard detachably held thereon and provided with laterally extending teeth, a handle detachably connected with said body for holding a blade in operative position between said guard and said body, and a skin stretching device detachably supported by means of said handle and having a pair of arms spaced apart and extended laterally from said guard in substantial parallelism with the teeth thereon and adapted to rest upon the skin at points remote from the guard teeth, said arms being spaced upwardly from the guard and inclined further upwardly therefrom at their ends, for the purpose described.

3. In a safety razor, a skin stretching device embodying a sheet metal plate formed with an attaching portion and a pair of transversely extended upwardly curved arms spaced apart longitudinally of the attaching portion, as described.

4. In a safety razor, the combination with a body, a guard detachably mounted thereon and a handle for clamping said guard onto said body, of a skin stretching device integrally formed with a central attaching portion attachable to the razor adjacent said guard, and adapted to be held in position by said handle, and provided with a pair of longitudinally spaced arms formed in a common plane substantially above said guard and extending rearwardly from an edge of said guard for engagement with and for stretching the skin in a shaving operation.

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