Nov. 30 1943. W. M. REYNOLDS 2,335,536

GUARD FOR SAFETY RAZORS

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Fig. 1.

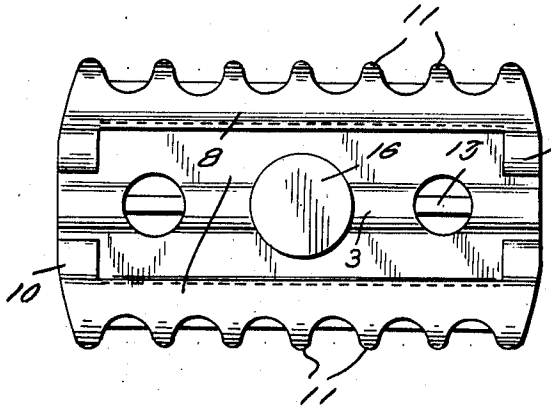


Fig. 2.

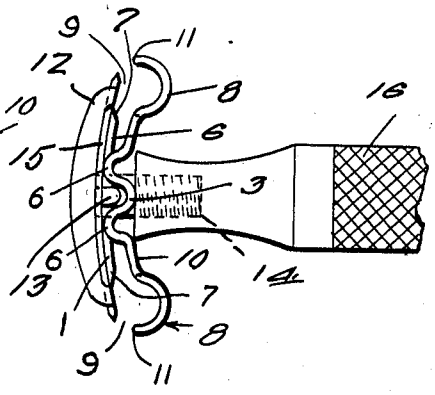


Fig. 3.

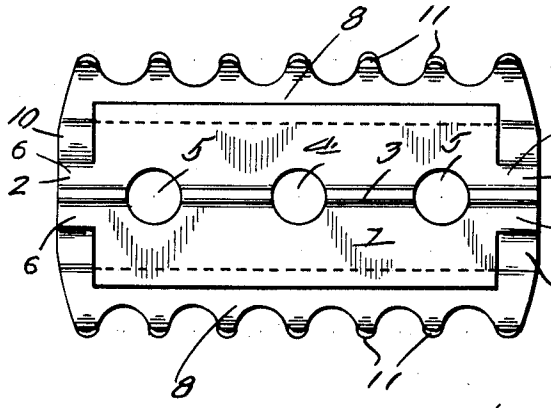


Fig. 4.

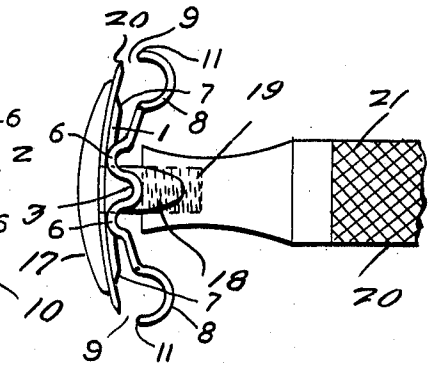
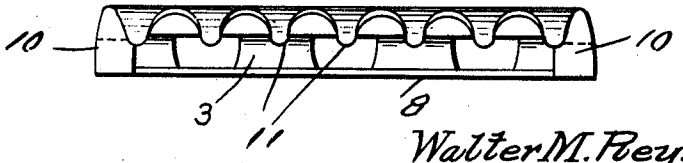


Fig. 5.



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Fig. 6.

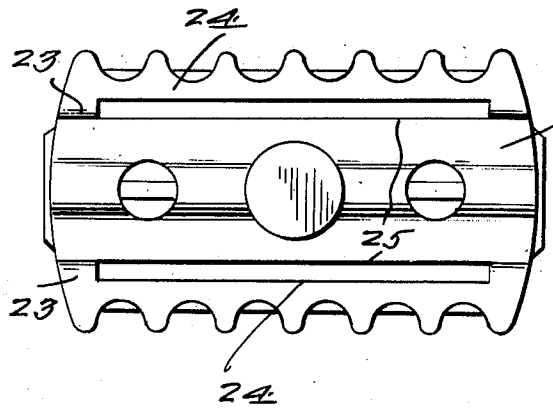


Fig. 7.

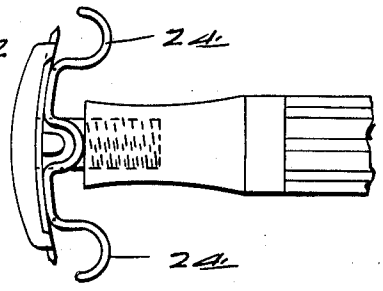


Fig. 8.

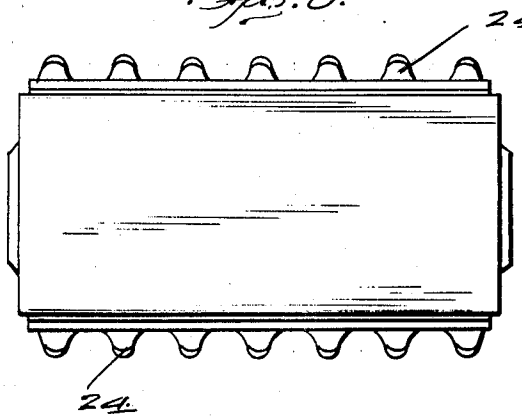
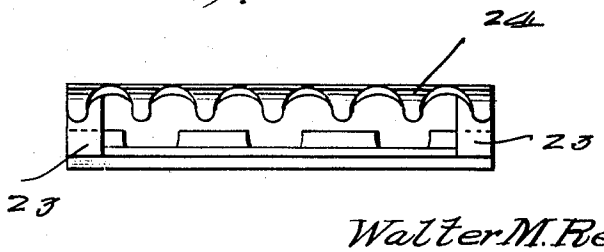


Fig. 9.



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GUARD FOR SAFETY RAZORS

Walter M. Reynolds, Corpus Christi, Tex., assignor of one-fourth to Paul Cox and one-fourth to Elbert Cox, Corpus Christi, Tex.

Application August 27, 1942, Serial No. 456,395

1 Claim. (Cl. 30—77)

My invention relates to improvements in guards for safety razors, the principal object in view being to provide a guard which will fit substantially any type of razor using a double edge blade and a detachable guard, and which will not choke with lather, cuttings, and the like, is easy to clean without detachment, and reduces to a minimum resistance to progress of the blade over the face.

Other and subordinate objects are also comprehended by my invention, all of which, together with the precise nature of my improvements, will be readily understood when the succeeding description and claim are read with reference to the drawings accompanying and forming part of this specification.

In said drawings:

Figure 1 is a view in rear elevation of my improvided guard, in its preferred embodiment, applied to one type of "Gillette" safety razor.

Figure 2 is a view in side elevation,

Figure 3 is a view in front elevation of the guard detached,

Figure 4 is a view in side elevation of the guard shown in Figures 1 to 3 applied to another type of "Gillette" razor,

Figure 5 is a view in edge elevation of the guard shown in Figure 1,

Figure 6 is a view in rear elevation of a modified form of guard attached to the type of "Gillette" razor shown in Figure 1,

Figure 7 is a view in side elevation of the same,

Figure 8 is a view in front elevation, and

Figure 9 is a view in edge elevation of the modified form of guard.

Referring to the drawings by numerals, and first to Figures 1 to 5, my improved guard, in its preferred embodiment, comprises a substantially rectangular body 1 having reduced end extensions 2 in the longitudinal center thereof. The body 1 is crimped in the longitudinal center thereof to form a trough-shaped front groove 3 extending from end to end of said body, and is provided with a central circular aperture 4 extending through the same and also with similar end apertures 5. The body 1, on each side of the crimp forming the groove 3 curves transversely rearwardly from said groove, as at 6, and the side edges 7 of said body are beveled, as shown.

A pair of transversely arcuate comb bars 8 are provided in the rear of the side edges 7 of the body 1 to extend parallel with said edges and which are set back substantially from said edges to provide a wide clearance 9 between the edges and said bar, and the bars 8 are formed with right angled terminal extensions 10 branching from the reduced extensions 2. The comb bars 8 extend beyond the side edges 7 of the body 1 outwardly thereof and are provided with scalloped outer side edges forming rounded forwardly curved teeth 11 widely spaced apart.

As will now be seen, from an inspection of Figures 1 and 2, the groove 3 and aperture 4 adapt the described guard for use in a "Gillette" razor of the type having a transversely curved blade clamp 12 provided with a central, longitudinal rear key 13 on each side of a rearwardly extending central screw stud 14, both extending through the blade 15, said key fitting in said groove 3 and the stud 14 passing through the central aperture 4 for turning of the usual socketed handle 16 on the stud against the crimp forming the groove 3. Also, as shown in Figure 4, the apertures 4 and 5 adapt the guard for use in a "Gillette" type of razor in which the blade clamp 17 is provided with a pair of end studs 18 at opposite sides of the central screw stud 19, said studs being designed to pass through the blade 20 so that the handle 21 may be applied to the central stud as in the case of the previously described type of razor.

In the modification shown in Figures 6 to 9, the body 22 of the guard is of uniform width throughout, and the right angled terminal extensions 23 of the comb bars 24 extend from the side edges 25 of said body at the ends of the body. Otherwise the construction and arrangement is the same as described in connection with the preferred embodiment of the guard. As will further be seen, the body 22 provides a greater area opposed to the rear side of the blade 26 than is the case in the preferred embodiment of the invention.

Manifestly, the described guards are adapted for use in other types of razors than those described, but which it has not been deemed necessary to illustrate in the drawings nor describe herein.

The foregoing will, it is believed, suffice to impart a clear understanding of my invention without further explanation, it being understood that the present disclosure is illustrative rather than restrictive, and that the invention is susceptible of modifications in other respects than as described without departing from the inventive concept or the scope of the appended claim.

What I claim is:

A guard for a safety razor comprising an elongated rectangular body provided with beveled side edges, and a pair of comb bars extending

along said side edges parallel therewith and in laterally spaced relation to said side edges, said bars having rounded forwardly curved teeth thereon and right angled terminals connecting the same to said body, said body being crimped to provide a central longitudinal trough-like groove therein and a central aperture in the line of said groove, whereby said body is adapted to fit a blade clamp having a central longitudinal key and a central stud for attaching a handle to the clamp, said body having reduced end extensions from which said terminals extend obliquely.

WALTER M. REYNOLDS.