Sept. 21, 1937. F. KRONER 2,093,762

CLEANING AND PROTECTING DEVICE FOR SAFETY RAZORS

Filed April 17, 1936

Fig. 1

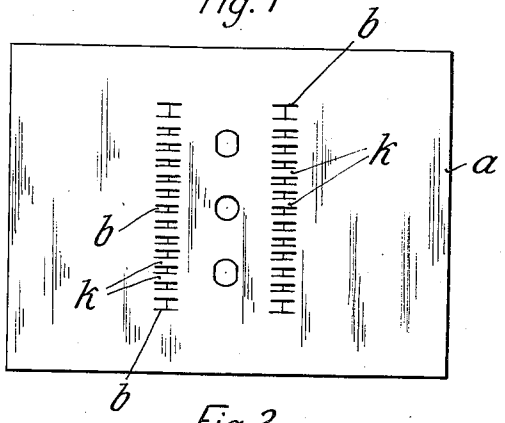


Fig. 2

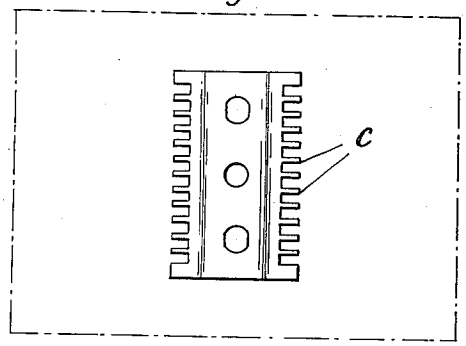


Fig. 3

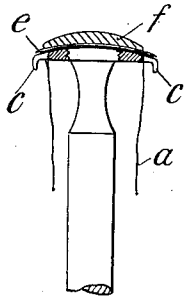


Fig. 5

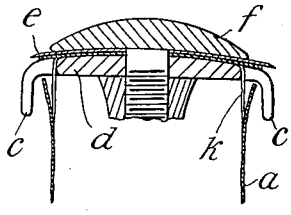
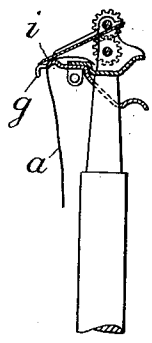


Fig. 4



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CLEANING AND PROTECTING DEVICE FOR SAFETY RAZORS

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Application April 17, 1936, Serial No. 74,825
In Germany April 12, 1935

4 Claims. (Cl. 30—41)

My invention relates to safety razors, and the like, and the object of the present invention is to provide a means for the use on safety razors to keep the guard clean during shaving. This means preferably consists in a flexible strip of a suitable material, which is placed upon the guard and is provided with perforations of such a nature to cover the teeth of the guard. Prior to shaving, such a flexible strip is drawn over the teeth of the guard, whereupon the razor is used in the ordinary manner. When, after shaving the flexible strip is removed, the lather, hairs etc., will be removed together with the said strip, leaving the guard and particularly its teeth in a clean state.

The flexible strip is suitably provided with perforations of such nature, that the guard teeth will be covered from above as well as below. For this purpose the perforations are made in the shape of an H for example, by being punched. Thereby a single flexible strip may be used for double-edged safety razors. In order to enable such a strip to be drawn over the guard teeth, the openings in the strip must be larger than would be necessitated by the size of the guard teeth. Notwithstanding this, the present invention enables the tongues produced by the perforations to be in close contact with the guard teeth.

The present invention has been illustrated in the accompanying drawing by way of example, in which

Fig. 1 is a top plan view of the flexible strip.

Fig. 2 shows in broken lines the position of the strip upon the guard of a safety razor.

Fig. 3 is a side view of a razor ready for use.

Fig. 4 shows the present invention applied to another type of safety razor than that shown in Fig. 3.

Fig. 5 is a sectional view on an enlarged scale showing the exact position of the flexible strip on the guard.

The strip *a* can be made of any desired material, preferably of a water-repelling nature or of any other appropriate, non-absorbing material, e. g. especially cellophane-like material. In case of transparent material being used it is advisable to employ a coloured material.

Fig. 1 shows the shape of the perforations in the strip for the reception of the guard teeth. These perforations are produced by punchings *b* of H-shape. The punchings are longer than corresponds to the size of the guard teeth, so that the strip may be conveniently pulled over the teeth, particularly, when the guard teeth are provided along both edges of the guard. As may be gathered particularly from Fig. 5, the tongues produced by the H-shaped punchings will lie snugly against the guard teeth both from above and below, so that all residues will be taken up by the flexible strip when subsequently pulled off. In order to safely attain this object, it is advisable, as already pointed out, to make the strip from a material which, even in a moist state, does not lose its elastic properties, nor turns soft, such for instance, as cellophane.

From Fig. 2 it can be seen, in what manner the flexible strip *a* is placed upon the guard *d* of a safety razor in that at first one end of the strip and then the other end, is drawn over the teeth *c* of the guard into the position shown in Fig. 3. After the blade *e* and the backing plate *f* have been placed in position, the safety razor is ready for use. The strip *a* is preferably of such a size, that its ends will hang down for a short distance along the handle of the safety razor so as to enable all the lather to be taken up by the strip.

After shaving the backing plate and the blade are first removed, and then the flexible strip is seized by its downwardly hanging ends and pulled away from the guard *d* which is left clean, while the flexible strip which carries on it all the shaving residues then is thrown away.

Fig. 4 illustrates a self-stropping safety razor having a guard *g* along one edge only which guard similarly as the guard in Figs. 3 and 5 is covered with a flexible strip *a*, which is held in position by the blade *i*.

I claim:

1. In combination with the guard of a safety razor, a flexible strip having perforations corresponding in number to the teeth of said guard and being H-shaped forming tongues adapted to cover said teeth both from above and below upon said strip being placed in operative position on said guard with the guard teeth projecting through said perforations.

2. In combination with the guard of a safety razor having two shaving edges and a handle to support said guard, a flexible strip of a length to cover the entire guard with the ends of said strip hanging below said guard on both sides of said handle, said strip having a double row of perforations corresponding in number to the teeth of said guard and being H-shaped forming tongues adapted to cover the teeth of said guard along the two shaving edges both from above and below upon said strip being placed in operative position on said guard with the guard teeth projecting through said perforations.

3. The combination as specified in claim 1, in which said flexible strip is made of cellophane.

4. The combination as specified in claim 2, in which said strip is made of cellophane.

FRIEDRICH KRONER.