Jan. 14, 1936. J. D. RAYMOND 2,028,011

SAFETY RAZOR HANDLE

Filed Aug. 21, 1933

Fig. 1.

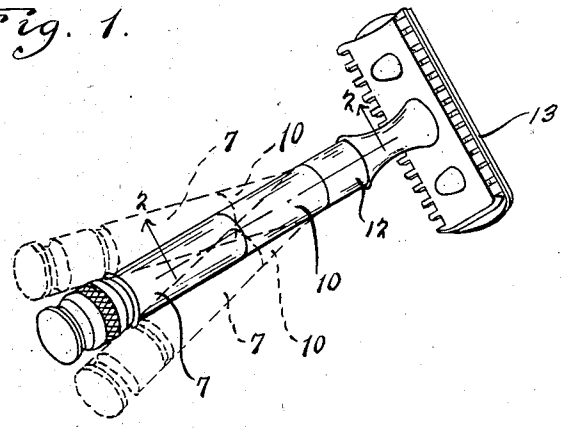


Fig. 2.

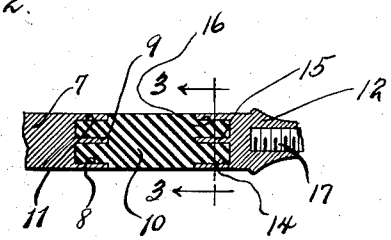
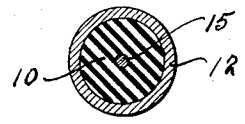


Fig. 3.



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SAFETY RAZOR HANDLE

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Application August 21, 1933, Serial No. 685,991

1 Claim. (Cl. 30—85)

My invention relates to a new and useful improvement in a safety razor handle and has for its object the provision in a safety razor of a handle having a flexible portion formed preferably from rubber or other similar non-corrosive, non-metallic material which may be resilient to a sufficient degree for the purposes intended.

It is another object of the present invention to provide in a safety razor blade a handle having a flexible portion for permitting the easy and smooth following of the blade carrying back over the contours of the face so as to easily move over the projections and into the depressions.

Another object of the invention is the provision in a safety razor of a handle having a flexible portion sufficiently yieldable to permit variation of the handle and the blade carrying head so that a uniform angle of the head toward the face may be presented.

Another object of the invention is the provision in a safety razor of a blade so constructed and arranged as to relieve the face from sudden jars or shocks when the razor carrying back is struck or pressed against the face.

Another object of the invention is the provision in a safety razor of a handle sufficiently flexible and resilient as to effect a smoother, closer shave than is obtained with the rigid handle.

Other objects will appear hereinafter.

The invention consists in the combination and arrangements of parts hereinafter described and claimed.

The invention will be best understood by a reference to the accompanying drawing which forms a part of this specification, and in which,

Fig. 1 is a perspective view of a razor embodying the invention.

Fig. 2 is a fragmentary sectional view taken on line 2—2 of Fig. 1.

Fig. 3 is a sectional view taken on line 3—3 of Fig. 2.

As shown in the drawing, the invention comprises a metallic or rigid handle 7 terminating at one end with the cup portion 8 extending centrally of which is the prong or stem 9. The back 13 is provided with the metallic handle section 12 screwed thereto in the usual manner by threading upon the screw 17 which projects from the back 13. This section 12 is provided at its free end with the cup portion 14 extending centrally of which is the prong or stem 15. An inserted portion 10 which is formed from flexible, yieldable material and of a non-corrosive type such as rubber or the like, is cut away at its end such as 11 and 16. The end 11 is inserted in the cup portion 8, the prong 9 extending into the section 10. The cut away portion 16 is inserted into the cup portion 14, the prong 15 projecting into the section 10. This section 10 being of flexible material permits the bending of the handle in any direction, and the handle is indicated in dotted lines as moved into two directions.

I am aware that heretofore a razor blade handle has been made from coiled wire so as to lend to the handle a certain flexibility. However, this material is generally corrosive and affected by water, soap or the like, whereas it is intended that the section 10 shall be made from rubber or other non-corrosive material which is not subject to any damaging action of the water or soap. Furthermore, in my invention there is a rigid section of the handle at each end of the flexible portion and the use of rubber instead of a spring permits an easier and smoother shaving. This flexible section 10 also permits the handle to be bent at various angles relatively to the blade carrying back 13 so that the blade which is carried on the back may always be extended to the face at the proper angle and a shaving of the depressions and projections of the face becomes an easy and simple operation.

By having the section 10 resilient and preferably made of rubber, the blade carrying back 13 may be struck against the face with indifference as the flexible portion 10 will relieve the face of the shock which would be incident to such an accident when a rigid handle is used.

With a razor blade handle constructed in this manner, an easy, smooth and efficient shaving becomes possible and likelihood of cutting or injury to the face is reduced to a minimum.

While I have illustrated and described the preferred form of construction of my invention, I do not wish to limit myself to the precise details of structure shown, but desire to avail myself of such variations and modifications as may come within the scope of the appended claim.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

A safety razor handle of the class described comprising: a pair of rigid and axially aligned end sections, the adjacent ends of said sections being formed to provide cup-shaped formations, an axial prong projecting outwardly from the base of each of said cup-shaped formations, and

a flexible rubber section of the same diameter as said end sections and having its ends cut away to provide reduced portions thereat with shoulders at the inner ends thereof, said reduced portions being of a size to permit a snug engagement in said cup-shaped formations, said prongs projecting axially into the ends of said reduced portions to spread the same and insure a frictional engagement with the walls of said cup-shaped formations, said reduced portions being of such a length that upon engagement of the ends thereof with the bases of said cup-shaped formations, the edges of said cup-shaped formations will engage said shoulders on said rubber sections.

JOHN D. RAYMOND.