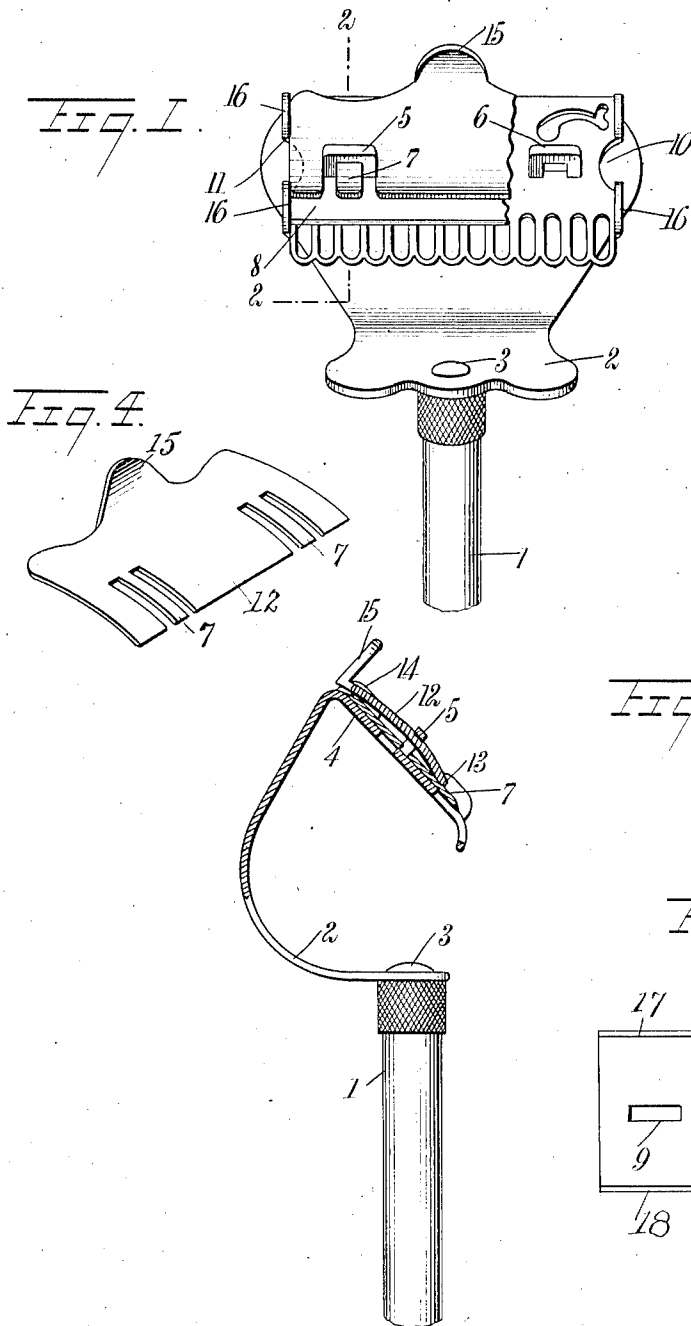


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SAFETY RAZOR.
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1,061,159.

Patented May 6, 1913.



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SAFETY-RAZOR.

1,061,159.

Specification of Letters Patent.

Patented May 6, 1913.

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To all whom it may concern:

Be it known that I, CHARLES G. BLUH, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Safety-Razor, of which the following is a full, clear, and exact description.

This invention relates to razors and particularly to what is known as safety razors.

The object in view is to provide an improved blade and holder co-acting therewith for positively holding the blade in proper position and against accidental movement.

Another object of the invention is the provision of a guard plate formed with one or more upstanding eyelets designed to accommodate a blade formed with a slot, and also a clamping member passing through the eyelet and pressing against the blade for holding the same firmly against the guard plate.

A still further object of the invention is the provision and arrangement of an improved holder and razor blade co-acting therewith formed so as to be quickly removed and applied and be positively locked against any longitudinal or lateral movement when applied.

In carrying out the objects of the invention, a guard plate is provided of the usual contour or any preferred contour, having eyelets secured thereto or projecting therefrom. Arranged to rest on the guard plate is a blade formed with an equal number of apertures or slots as there are eyelets for permitting the eyelets to project through the slots and accommodate a locking finger projecting from a locking plate designed to be slidably fitted over the blade for clamping the blade firmly to the guard plate.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a front view of an embodiment of the invention, certain parts being broken away to better illustrate the construction; Fig. 2 is a section through Fig. 1 on the line 2-2; Fig. 3 is a top plan view of the improved razor blade; and Fig. 4 is a detail perspective view of a clamping plate.

Referring to the accompanying drawings by numerals, 1 indicates a razor handle of any desired construction, connected to a plate 2 in any desired way, as by having the end

3 threaded into the plate 2. The plate 2 is provided with a turned over portion 4 of substantially the usual general contour, and also the substantially usual angle for forming a supporting face. Struck up from the face 4 are a pair of eyelets 5 and 6 designed to receive fingers 7. The razor blade 8 is formed with slots 9 for accommodating the eyelets 5 and 6. The slots 9 are made an equal distance from the ends of the blade and from the side so that the blade may be turned over or reversed as desired. It will be noted that the ends of the blade 8 are made straight, while the face 4 of the plate 2 is cut out at 10 and 11 whereby finger holds are provided for easily grasping the end of the blade and applying and removing the same.

The clamping plate 12 from which the fingers 7 project is formed substantially arc-shaped, as shown in Fig. 2, so that the ends 13 and 14 may tightly press against the blade 8 for clamping the same in position. In Fig. 2 the arc of the plate 12 is shown slightly exaggerated as in actual practice the plate will be made almost flat, a sufficient curve being provided only for causing a resilient pressure against the blade. It will also be noted that the plate 12 is formed with a thumb-operating member 15 which may be grasped and moved for applying and removing the plate.

It will be evident that one or more members 15 could be provided for the plate 12 without departing from the spirit of the invention, and also it will be evident that the pressed up eyelets 5 and 6 could be made separate and soldered or otherwise rigidly secured to the face 4. It will also be noted that the guard plate 4 is provided with guiding ears 16 which act as protecting members also.

It will be understood that slight changes may be made in the construction and arrangement of the various parts without departing from the spirit of the invention, as for instance, making only one of the eyelets 5, or making more than two.

In constructing the blade 8 the same is formed with cutting edges 17 and 18 so both the front and rear edges may be used. In order to keep account of the number of times each edge has been used, the same are numbered 1' and 2'. In use, for instance, Number 1' could be placed outward so as to be used until the same has become dull. The

blade then could be reversed and edge Number 2' could be used until the same becomes dull. By constructing and arranging the blade as described, namely so that the same
5 may be turned over or turned around and have both sides sharpened, a maximum amount of use may be secured from the blade and an accurate account may be kept of how many times each edge is used by reference to
10 the indicating numerals 1 and 2 arranged adjacent thereto.

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

15 In a safety razor, a flat guard plate formed with a pair of spaced eyelets projecting therefrom, a flat razor blade adapted to rest against said guard plate, said razor blade being formed with a pair of spaced aper-
20 tures so arranged as to permit said eyelets to project therethrough when said blade is positioned on said guard plate, and a bowed

pressure plate of resilient material having a body formed with a plurality of notches extending inwardly from one edge of the plate 25 whereby a pair of spaced tongues are presented normally in the same plane as the body of the pressure plate, said tongues being adapted to project through said eyelets and to be brought under tension and to bring
30 under tension the body of the pressure plate for locking said razor blade to said guard and for causing the front and rear edges of the pressure plate to press the front and rear edges of said razor blade against said guard 35 plate, for the full length of the razor blade.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES G. BLUH.

Witnesses:

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PHILIP D. ROLLHAUS.