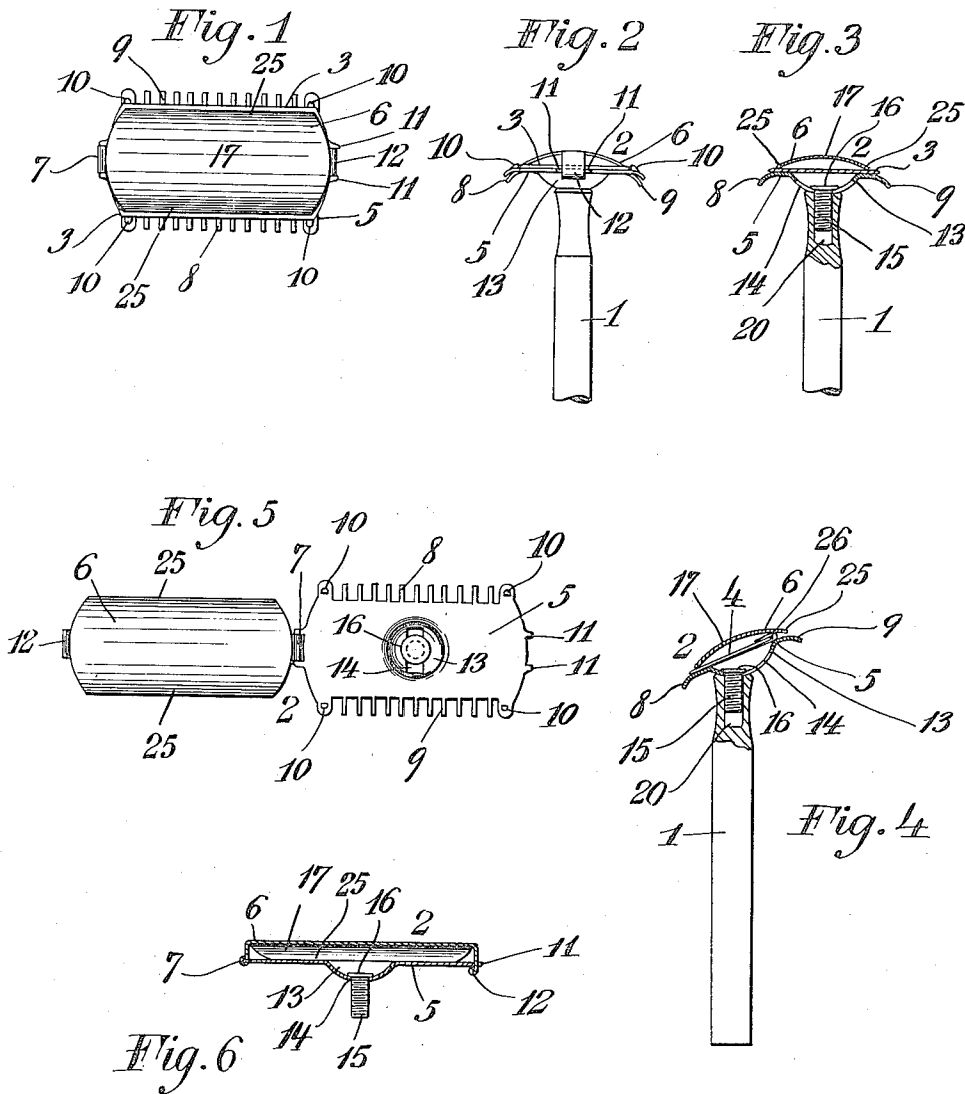


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 SAFETY RAZOR.  
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1,184,425.

Patented May 23, 1916.



Inventor  
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 By his Attorney  
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# UNITED STATES PATENT OFFICE.

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## SAFETY-RAZOR.

1,184,425.

Specification of Letters Patent.

Patented May 23, 1916.

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*To all whom it may concern:*

Be it known that I, ROBERT CORN, a subject of the Emperor of Russia, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Safety-Razors, of which the following is a full, clear, and exact specification.

This invention relates to safety razors. More particularly this invention relates to improvements in blade-holders for holding safety razor blades.

The object of the invention is to provide an improved holder adapted to hold more than one particular kind of a safety razor blade.

Many safety razors are so constructed that they can be used only with a particular blade, designed to fit in the particular holder. Consequently, when the user is out of blades and is unable to obtain a fresh supply, the particular safety razor is useless for the time being. The present holder is designed to overcome this objectionable feature and to provide a safety razor adapted for use with double-edged as well as with single-edged blades, and to be used with blades of varying thicknesses and widths.

Another object of the invention is to provide a safety razor of the kind set forth of simple, practical construction adapted to be produced at a low cost.

Other objects will appear as this specification proceeds.

Accordingly, my invention is embodied in a safety razor as hereinafter described and claimed, and as illustrated in the accompanying drawing, in which—

Figure 1 is a plan view of the holder, showing the same adapted for use with a double-edged safety razor blade. Fig. 2 is an end view of the razor. Fig. 3 is a central sectional view. Fig. 4 is an end view of the razor, showing it in adjusted position relative to the handle and holding a single-edged blade. Fig. 5 is a separate view of the holder in open position, and Fig. 6 is a longitudinal sectional view of the holder.

The safety razor comprises three main parts. The handle 1, the holder 2 and the blade. In this instance the blade 3 may be double-edged, as in Figs. 1, 2 and 3, or the blade may be single-edged as in Fig. 4 where the blade is marked 4.

The holder consists of a base 5 and a clamping member 6 forming two leaves,

hinged together at their one ends as at 7. The base 5 is a flat member provided with the guards 8 and 9, one on each edge, and constructed in the usual manner. In addition the base is provided with a plurality of spacing points 10, 10 at the four corners.

11, 11 are guiding fingers for the lock or snap 12 of the clamping member 6. The base is dished centrally to provide a socket 13 having a slot 14 in which moves a threaded stud 15 having a head 16. The clamping member is preferably of about the same size as the base and is made of spring metal so as to be springy longitudinally, and is concave as shown at 17 with reference to the base so as to act as a spring in a transverse direction. The handle is provided with a socket 20 adapted to be screwed on to the stud 15 so as to clamp the base firmly between the head 16 of the stud and the end of the handle as is obvious and clearly shown.

When the razor is to be used with a double-edged blade, the holder is opened and the blade placed in position between the four spacing points 10, as shown in Fig. 1. Should the blade be narrower than the distance between opposed spacing points, it is placed against two of said points on the one side when the blade will be in the proper position for shaving and with reference to the guard 8 or 9.

Thereafter the clamping member is closed upon the blade and the base and the lock or snap 12 is snapped under the base as seen in Fig. 6 and between the guiding fingers 11, as shown in Fig. 1. The clamping member is so designed that it, when closed, is slightly flattened so that the edges 25 thereof are pressed down firmly upon the blade as shown in Figs. 1, 2 and 3 to hold the blade immovable on the base, and because of its springiness longitudinally, the clamping member is held firmly down by the snap 12. Thereafter the handle is screwed on the stud 15 and adjusted as in Fig. 4, to obtain the proper angle and then screwed on tight and the razor is ready for use.

In a similar manner a single-edged blade is inserted except that care is taken to place the cutting edge against the points 10 on the one side thereof to give the blade the proper position for shaving. When, then, the clamping member is closed, one or both of the edges 25 will bear down upon the blade to hold it, or, as shown in Fig. 4, the

thick edge 26 of the blade will be pressed down inside the edge of the clamp which in such case will be flattened a little more.

Figs. 3 and 4 illustrate clearly how both kinds of blades are held firmly in the holder by the clamp 6. It is obvious, therefore, that by means of this holder different kinds of blades may be used and the user is not confined to use one kind of blades. The construction is simple and inexpensive and very practical.

While I have shown and described my invention as being embodied in a particular form it is obvious that details of construction may be varied without departing from the spirit of the invention or the scope of the appended claim.

I claim:

In a safety-razor, the combination of blade holding means adapted to receive and hold either a single-edged or a double-edged

razor blade and for using either edge of the latter after it has been inserted in said blade holding means, the latter comprising a base consisting of a flat member adapted to receive the blade and having a centrally dished portion and four blade positioning points at its corners, said flat member being provided with guards on both of its longitudinal edges, the surface of said base being smooth between the said points and said dished portion, a transversely curved yielding clamping member hinged to said base and adapted to be swung down upon the latter in the longitudinal direction thereof to secure the blade in position, a catch upon said clamping member, and guiding means on the said base adapted to receive the said catch to lock the clamping member in position.

In testimony whereof, I affix my signature.  
ROBERT CORN.