May 15, 1923. 1,455,665

J. RUZE

SAFETY RAZOR

Filed Aug. 1, 1919

Fig. 1.

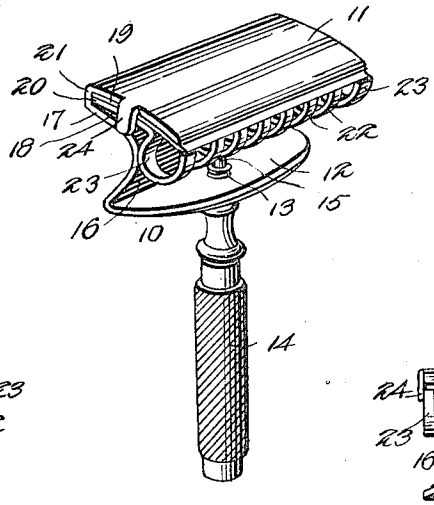



Fig. 2.

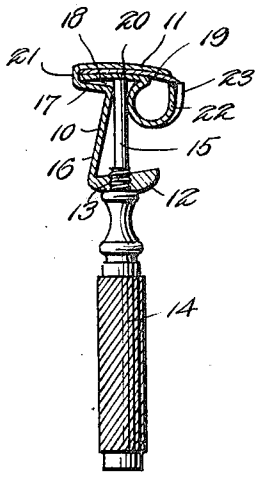
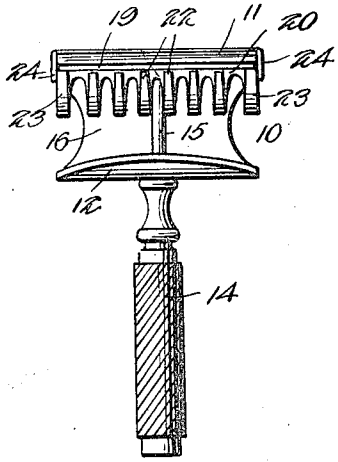



Fig. 3.




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# UNITED STATES PATENT OFFICE.

JOHN RUZE, OF NEW YORK, N. Y.

## SAFETY RAZOR.

Application filed August 1, 1919. Serial No. 314,675.

*To all whom it may concern:*

Be it known that I, JOHN RUZE, a citizen of Czechoslavakia, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Safety Razors, of which the following is a specification.

This invention relates to razors and more particularly to improvements in safety razors, aiming to provide a device of this character which embodies the features of simplicity, cheapness and durability.

One of the principal objects of the invention resides in the provision of a safety razor which comprises a holder and an adjustable guard member adapted to co-act therewith to flex the blade in order to establish proper intimacy between the cutting edge and the guard surface.

Another object of the invention is the provision of a safety razor including a guard member having substantially semi-circular fingers in order to provide a clear space directly beneath the cutting edge to prevent clogging of the same at this point.

Another object of the invention is the provision of a safety razor including a guard strip having a plurality of fingers adapted to be positioned adjacent the edge of the blade, certain of said fingers being extended beyond the others in order to contact with the blade for spacing the remaining fingers with relation thereto and serving also to protect the user from injury by the corners of said blade.

A still further object of the invention is the provision of a razor of this character which is so constructed as to permit of the same being used to shave up as well as down with a high degree of safety thereby giving a close, smooth shave.

With these and other objects in view, the invention resides in the novel construction, combination and arrangement of parts more fully described, claimed and illustrated in the following specification and accompanying drawing, no limitation being necessarily made to the precise details of construction and it being understood that changes and alterations as fall within the scope of the claim may be resorted to when desired.

In the drawings:—

Figure 1 is a perspective view of the invention.

Figure 2 is a vertical sectional view therethrough.

Figure 3 is a front elevation thereof.

Referring to the drawing by characters of reference, 10 designates the body portion which is bent upon itself to provide a curved head 11 and a threaded base 12 for the reception of the threaded portion 13 of a handle member 14, the latter being provided with an extension 15 for a purpose to be hereinafter described. The rear wall of the body portion is inclined inwardly as at 16 from its point of connection with the base 12 to engage the extension to limit its rearward movement and then reversely bent as at 17 to provide a receiver 18 for the blade 19 and guard 20. The head 11 and portion 17 of the body are connected by a vertical wall 21 against which the blade and guard member are adapted to abut to limit the rearward movement thereof and serve as a seat for positioning the blade and guard member with relation to the body. The forward extremity of the guard member is provided with a plurality of curved guard fingers 22, the terminals of which are spaced from and underlie the edge of the blade. The two outermost fingers 23 extend beyond the remaining fingers and are adapted to contact with the corners of the blade for positioning the fingers 22 relative of the edge of the blade and also serving to protect the corners thereof to prevent contact of the same with the user's face. By referring to Figure 2 of the drawing, it will be seen that the extension 15 of the handle member is engaged by one of said fingers 22 and which not only holds the guard member operatively associated with the blade but serves to advance the guard member 20 toward the head 11 to clamp the blade 19 therebetween and due to the curvature of the head, the blade is flexed to vary the distance between its edge and the guard fingers, thereby regulating the quality of the shave desired. In order to retain the blade and guard member in the body portion against lateral displacement, a pair of lugs 24 are bent downwardly from the head in contacting relation with the portion 17.

The fingers are substantially of semi-circular form thus providing a clear space directly beneath the cutting edge of the blade to prevent clogging of the same at this point and also serving as a passage through which water may be flushed for cleaning the blade while the razor is in use. By disengaging the threaded portion 13 from the

base 12, the guard strip and blade may be removed from the body portion, to permit of the cleaning and drying of the blade, guard member, body and handle, after using the same.

What is claimed as new is:—

A safety razor comprising a body portion bent upon itself to provide a curved head and a threaded base, a handle having a threaded portion for engagement with the threaded portion of said base, a curved guard member having a plurality of semi-circular fingers, the end fingers of which are adapted to have their free ends contacting with the blade of the razor for protecting the user from the sharp corners thereof, and the other fingers having their free ends spaced from said blade whereby the blade is unobstructed beneath the cutting edge thereof, an extension projecting upwardly from said threaded portion and being engaged on diametrically opposite sides by the body portion and a finger of the guard member respectively, and said extension being adapted to terminally engage the guard member as and for the purpose specified.

In testimony whereof I have affixed my signature.

JOHN RUZE.