

No. 843,148.

PATENTED FEB. 5, 1907.

A. H. JACKSON.  
SAFETY RAZOR.

APPLICATION FILED OCT. 13, 1906.

Fig. 1.

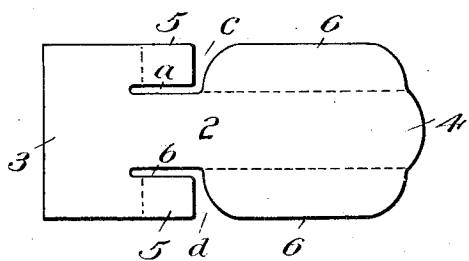


Fig. 2.

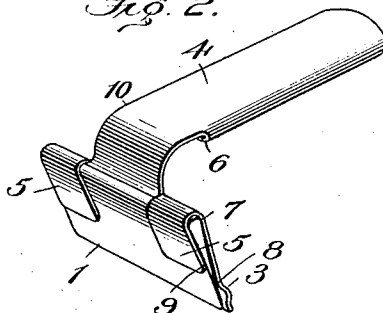


Fig. 3.

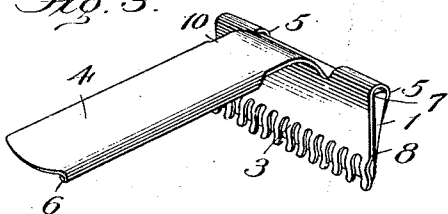


Fig. 4.

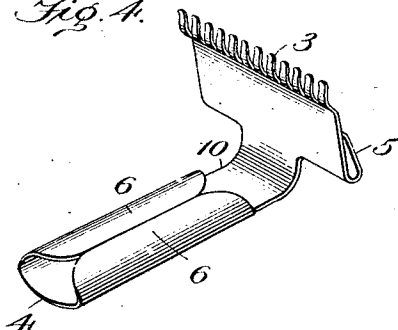
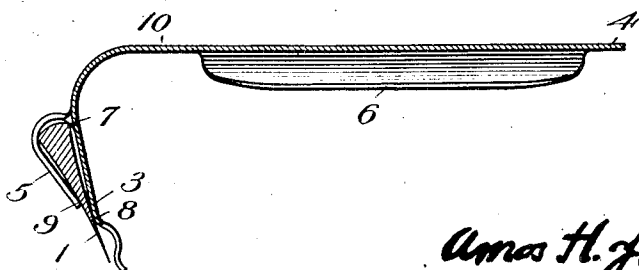


Fig. 5.



Witnesses

Edwin L. Bradford  
Ralph Wormelle

Inventor

Amos H. Jackson

By

J. R. Nottingham

Attorney

# UNITED STATES PATENT OFFICE.

AMOS H. JACKSON, OF FREMONT, OHIO.

## SAFETY-RAZOR.

No. 843,148.

Specification of Letters Patent.

Patented Feb. 5, 1907.

Application filed October 13, 1906. Serial No. 338,787.

*To all whom it may concern:*

Be it known that I, AMOS H. JACKSON, a citizen of the United States, residing at Fremont, in the county of Sandusky and State of Ohio, have invented certain new and useful Improvements in Safety-Razors; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates more particularly to that type of razors commonly known as "safety-razors;" and it consists, essentially, of a specially-prepared blade, preferably of the hollow-ground variety, and a novelly-constructed guard having a handle integral therewith.

The prime object of the invention is to simplify and cheapen the cost of production of this class of razors, and this object is accomplished by reducing the number of parts to the lowest possible number without affecting the shaving qualities of the implement. In the present instance the blade forms one part, and the guard, handle, and clamping means form the other part, these latter parts being constructed from a single piece of metal.

In the drawings, Figure 1 is a plan view of the blank from which the guard, handle, and clamping devices are formed. Fig. 2 is a perspective view looking toward the front of the implement; Fig. 3, a similar view looking toward the rear of the same; Fig. 4, a perspective view of the guard, the blade being removed; and Fig. 5 a central longitudinal section of the implement complete.

Referring to the several views, the numeral 1 indicates the blade, which is preferably of the hollow-ground type and of any desired length.

The numeral 2 indicates a suitably-shaped blank of spring metal from which the guard 3, the handle 4, and the clamping-lips 5 are formed, the blank being slitted at two points *a* and *b* and cut at two points *c* and *d* to permit of the handle and clamping-lips being formed. The handle portion of the blank is bent over and away from the body portion of the guard at the proper angle, so that when grasped by the hand of the operator the blade will be brought to about the correct inclination for clean and smooth shaving.

To adapt the handle for a firm and con-

venient grasp, it is provided with integral side flanges 6 6, which are bent over toward each other to approximately an oval shape in cross-section and have the corners of their respective ends slightly rounded.

The clamping-lips are bent over upon the face of the body portion of the guard, sufficient space being left between them and the said body portion for the insertion of the blade.

The guard is formed at the lower edge of the body portion and consists of a plurality of curved teeth. Commencing from the body the teeth curve outwardly, then inwardly, and again slightly outwardly, so that a perfect guard against the accidental cutting of the face in shaving is prevented.

The guard and clamping-lips are so formed that the blade is provided with three separate and distinct bearing-points 7, 8, and 9, respectively, two of which, 7, and 8, bear upon one side of the blade for its entire length, one at the upper edge and the other near the lower edge, while the third, 9, bears approximately intermediate of the bearing-points 7 and 8 upon the opposite side of the blade. Thus it will be seen that said blade will be firmly and evenly held against accidental displacement. These bearing-points form important features of my invention, as all undue strain upon the blade, caused by the pressure exerted by the spring-clamping lips will be prevented, such strain being liable to occur where the bearing-points do not extend the entire length of the blade, and thereby cause buckling of the blade at its cutting edge.

The handle is so curved from the body portion of the guard that when the flanges 6 6 and the clamping-lips are bent into proper position, a convenient resting-place is provided for the thumb of the hand.

Having thus fully described my invention, what I claim is—

1. As a new article of manufacture, a blank for razor-guards, consisting of a sheet of spring metal, approximately rectangular in shape, having two parallel, longitudinal slits, and oppositely-disposed cuts intersecting the slits, whereby clamping-lips are formed and side flanges provided to form a portion of the handle.

2. As a new article of manufacture, a safety-razor guard and handle, constructed of a single piece of spring metal, the guard having clamping-lips formed by oppositely-disposed cuts extending from the outer edge inwardly

and intersected by longitudinal slits, said clamping-lips being bent over upon the outer surface of the guard, and the handle having side flanges formed by the said inwardly-extending cuts, which flanges are bent inwardly toward each other to form an oval-shape under grasping-surface.

3. In a safety-razor, the combination with a hollow-ground razor-blade, of a single-piece guard and handle, the guard having clamping-lips bent over upon the outer face thereof, said clamping-lips being formed by in-

wardly-extending transverse cuts intersected by longitudinal slits, and the handle provided with side flanges which are bent inwardly toward each other to form an oval-shape grasping-surface, said flanges being formed by the inwardly-extending transverse cuts.

In testimony whereof I affix my signature in the presence of two witnesses.

AMOS H. JACKSON.

Witnesses:

J. J. ANDERSON,  
F. J. FISHER.