No. 840,989. PATENTED JAN. 8, 1907.

R. H. BROWN.

SAFETY RAZOR.

APPLICATION FILED AUG. 2, 1905.

Fig. 1.

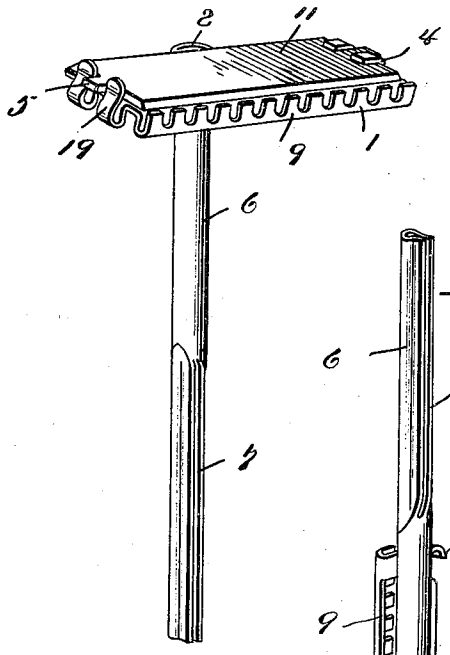


Fig. 3.

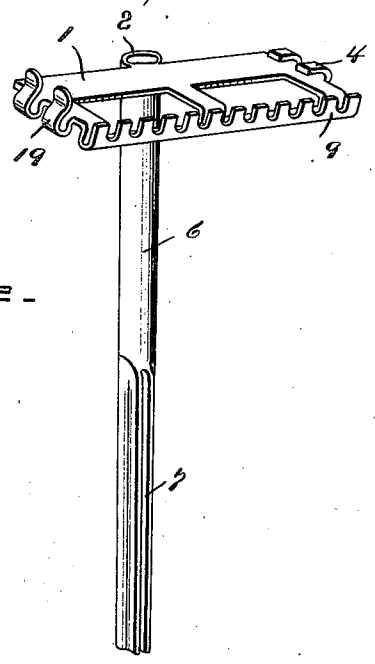


Fig. 2.

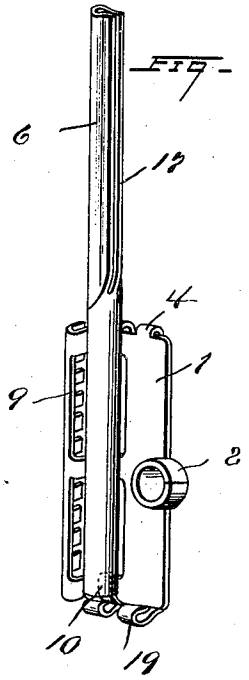


Fig. 5.

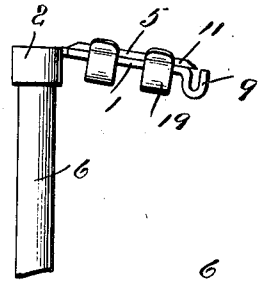


Fig. 4.

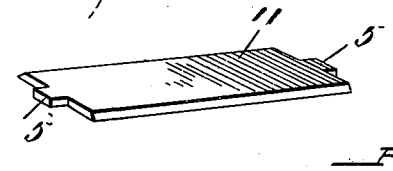
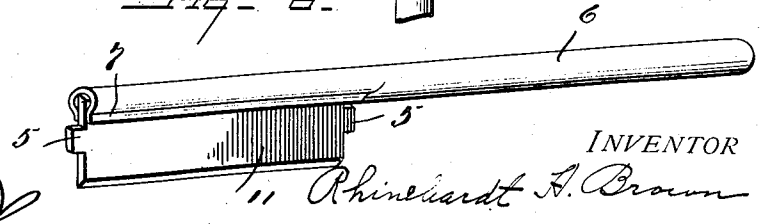


Fig. 6.



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RHINEHARDT H. BROWN, OF FREMONT, OHIO.

SAFETY-RAZOR.

No. 840,989. Specification of Letters Patent. Patented Jan. 8, 1907.

Application filed August 2, 1905. Serial No. 272,369.

To all whom it may concern:

Be it known that I, RHINEHARDT H. BROWN, a citizen of the United States, residing at Fremont, in the county of Sandusky and State of Ohio, have invented new and useful Improvements in Safety-Razors, of which the following is a specification.

This invention is a razor of that class known as "safety-razors," having a removable blade and a guard-plate, the blade being sharpened on both edges, so that either edge can be used.

The object of the invention is to form an improved device of the kind characterized particularly by an improved base-plate and guard and by improved means for holding the blade thereto. Another special feature is a detachable handle which may be secured to the base-plate for packing in small space and will also hold the blade while it is being stropped.

In the accompanying drawings, Figure 1 is a perspective view of the razor. Fig. 2 is a perspective view of the handle removed from its socket and attached to the base-plate in position for packing. Fig. 3 is a perspective view of the head of the razor with the blade removed. Fig. 4 is a perspective view of the blade detached. Fig. 5 is an edge or side view of the head of the razor. Fig. 6 is a perspective view of the handle with the blade inserted therein for stropping.

Referring specifically to the drawings, 1 indicates a head-plate to which the blade 11 is attached. This head-plate has at one side or edge a socket 2 to receive the handle 6, whereby the razor is manipulated. As shown in Fig. 5, the axis of the socket 2 is at an angle less than a right angle to the plane of the head-plate, which makes the operation of the device handier than if the handle were perpendicular thereto.

The base-plate 1 is preferably formed or stamped of sheet metal and has at the edge opposite the socket 2 a row of guards 9, which project slightly in advance of the cutting edge of the blade and serve the usual purpose of preventing cutting the face. At one end the plate has hooks 4, curved back and over the same, and at the opposite end has spring-clips 19, formed by bending tongues up and back over the plate. The blade 11 has at opposite ends lugs 5. When the blade is put in place on the base-plate, one end is inserted under the hooks 4 and the other is snapped in under the clips 3, with the lugs 5 fitting between the hooks and the clips. This holds the blade securely in place and prevents any lengthwise or lateral motion, the lateral motion particularly being prevented by the lugs 5 in the positions shown.

One end of the handle 6 fits snugly within the socket 2, or it may be screwed in, if desired. The other end of the handle, which is preferably made in the form of a tube, is flattened and slotted, as at 7, so that the blade 11 may be fitted and held within the slot, as shown in Fig. 6. Then the blade can be applied to the strop or hone and sharpened like an ordinary razor.

On the rear or under side of the base-plate 1, at one end thereof, preferably the end having the clips 19, is a clip 10, formed by bending a tongue back and over, and this clip is arranged to receive the end of the tubular handle 6 when said handle is detached from its socket in the manner shown in Fig. 2. The end of the handle is slipped under the clip, which thus holds the handle in place and keeps the parts together and in small compass suitable for packing and carrying.

The blade is alike on both sides or edges, so that either cutting edge may be used. In use the edge next to the guard 9 is used. When this edge becomes dull, the blade can be turned around and the other edge used.

What I claim as new, and desire to secure by Letters Patent, is—

1. A razor comprising a plate provided with a handle and having spaced spring-clips at its ends, and a blade held on the plate by said clips which take over the ends of the blade and having lugs projecting into the spaces between the clips.

2. In a razor, a blade-holding plate having a tongue bent over backwardly at one end thereof to form a clip, and a handle extending parallel to the plate and detachably engaged with the clip.

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

RHINEHARDT H. BROWN.

Witnesses:

JOHN A. BOMMHARDT,

SHIRLEY BOMMHARDT.