

A. J. POSTANS.  
SAFETY RAZOR.  
APPLICATION FILED MAY 28, 1910.

1,011,844.

Patented Dec. 12, 1911.

Fig. 1.

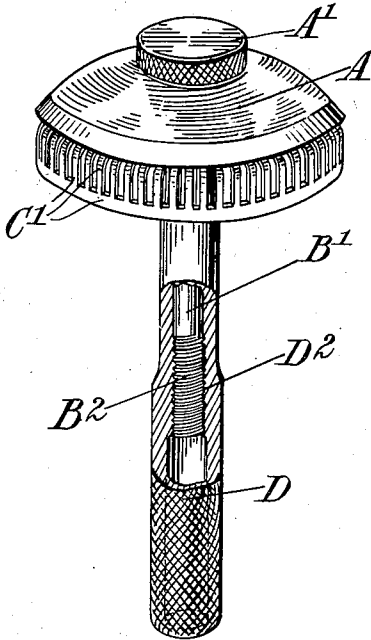


Fig. 2.

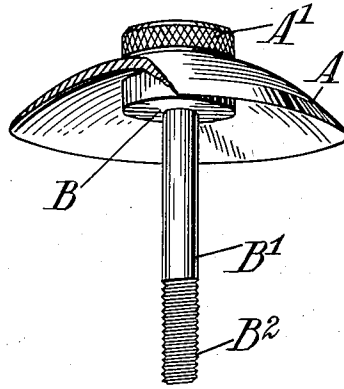
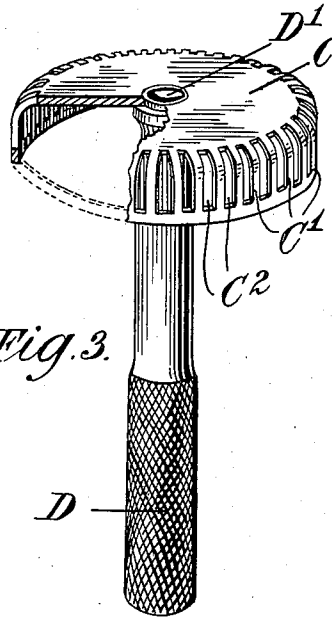


Fig. 3.



WITNESSES

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# UNITED STATES PATENT OFFICE.

ARTHUR JAMES POSTANS, OF MIDDLESEX, ENGLAND.

## SAFETY-RAZOR.

1,011,844.

Specification of Letters Patent.

Patented Dec. 12, 1911.

Application filed May 28, 1910. Serial No. 563,997.

To all whom it may concern:

Be it known that I, ARTHUR JAMES POSTANS, a subject of the King of England, residing at Middlesex, in England, have invented certain new and useful Improvements in Safety-Razors, of which the following is a specification.

This invention is for improvements in or releasing to safety razors of the circular blade type.

It has been proposed heretofore to employ an independent circular blade with a circular guard but a feature of the present invention consists in the blade being formed integral with or secured to part of the holder; this construction enables the blade to be easily handled.

In the accompanying drawings which illustrate one method of carrying out this invention—Figure 1 is a perspective view of a safety razor, the blade and guard being in place relatively to each other and part of the handle being broken away for the sake of clearness; Fig. 2 is a perspective view of the blade and attached parts, a portion of the blade being broken away for the sake of clearness, and Fig. 3 is a perspective view of the guard with its handle, part of the guard being broken away for the sake of clearness.

Like letters indicate like parts throughout the drawings.

The circular blade A is domed in shape and is formed from material of sufficient stoutness to render it rigid. On the inner or concave side of the blade is a distance piece B which may be either integral with the blade or secured thereto and projecting from this is a stem B' having a screw-threaded end B<sup>2</sup>. On the outer or convex side of the blade is a knurled head A' that projects sufficiently to enable an easy hold to be obtained of the blade by its means.

The guard comprises a disk C whose edge is turned over at C' to provide an upright flange that projects in a direction away from the blade. The edge is provided with a series of slots C<sup>2</sup> that extend from a point that lies under the blade when the latter is in position on the guard to a point near the edge of the flange. Extending from the

same side of the guard as that occupied by the flange is a handle D that is hollow. The handle extends through the guard at D' so that the hollow interior is accessible from the blade side of the guard. At a point about mid-way down the length of the handle the interior of the latter is contracted and screw-threaded as shown at D<sup>2</sup> Fig. 1.

To bring the blade into position on the guard all that is necessary is to enter the stem B' into the hollow handle D and then rotate the blade or the handle so that the stem is screwed into the portion B<sup>2</sup>. For handling the blade while fixing it in position, the blade is held by the knurled head A' and it is screwed home so that the distance piece B butts against the guard C. The blade is then in right relation to the guard and the two parts are made of the right relative dimensions so that the requisite cut can be obtained with safety.

The stem B' and the head A' both being fast to the blade enable the latter to be handled easily for putting it in place on, or removing it from the guard and also for washing it; and moreover the stem B' can be utilized to hold it in any desired machine for sharpening purposes if desired.

It will be seen that the razor consists of only two parts which are movable or separable and each of these is accessible from all points so that they can be easily cleaned. The stiff blade domed as shown enables moreover a good cutting edge to be provided and the parts being simple to construct enables the whole to be manufactured cheaply.

What I claim as my invention and desire to secure by Letters Patent is:—

1. A safety razor having a guard member and a blade member, the guard member having a handle rigidly connected thereto, there being a screw threaded orifice in said handle, the blade member having a threaded stem connected to its central portion, and arranged to engage the screw threaded orifice in the handle; substantially as described.

2. In a safety razor, the combination of a circular guard and a domed circular blade that overhangs that portion of the guard nearest the blade, of a central projection A'

fast on one side thereof, and a central stem  
B' fast on the other side, which projection  
and stem constitute with the blade a sepa-  
rate unit that can, as a whole, be attached  
5 to or removed from the guard portion; sub-  
stantially as described.  
In testimony whereof I have signed my

name to this specification in the presence of  
two subscribing witnesses.

ARTHUR JAMES POSTANS.

Witnesses:

HAROLD WADE,  
A. M. HAYWARD.