J. A. SERVICE.

SAFETY RAZOR.

APPLICATION FILED SEPT. 8, 1911.

1,038,666. Patented Sept. 17, 1912.

Fig. 1.

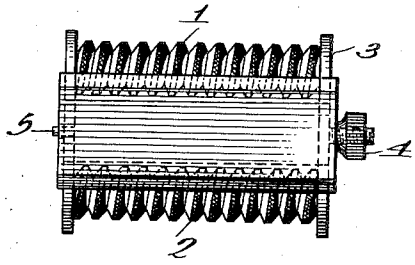


Fig. 3.

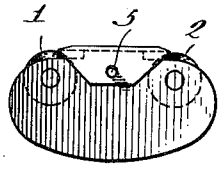


Fig. 2.

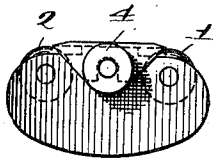


Fig. 6.

Fig. 4.

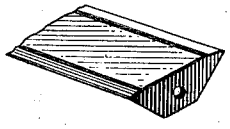
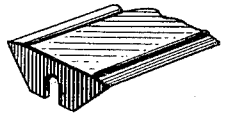


Fig. 5.



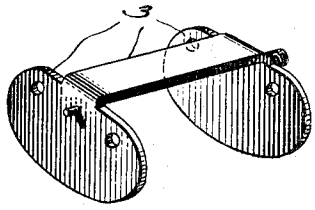


Fig. 7.

Witnesses:

Edgar Tennant

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UNITED STATES PATENT OFFICE.

JOHN A. SERVICE, OF NEW ORLEANS, LOUISIANA.

SAFETY-RAZOR.

1,038,666. Specification of Letters Patent. Patented Sept. 17, 1912.

Application filed September 8, 1911. Serial No. 648,374.

To all whom it may concern:

Be it known that I, JOHN ALEXANDER SERVICE, a subject of Great Britain, and a resident of New Orleans, in the parish of Orleans, State of Louisiana, have invented certain new and useful Improvements in Safety-Razors.

My object is to provide a safety razor, that is more portable, cheaper construction, and has a safer and better cutting action. The following is a specification of the same, reference being made to the accompanying drawings.

Figure 1 is a view of the razor assembled. Figs. 2 and 3 are end views of the same. Figs. 4, 5, 6 are respective views of the blade. Fig. 7 is a view of the frame with rollers and blade detached.

3 is the frame which is made out of one piece of sheet brass and is shown in Fig. 7; 1 and 2 are rollers with circular grooves in them to permit the hair and soap to pass by the blade. The rollers have their outer periphery milled to secure better contact to the face. They are held in position by means of the four set screws. The frame is used for a handle, as the rollers make the action of the razor so easy that the encumbrance of a separate handle is not necessary. It is intended to make the circular grooves on the rollers oblique to their axes in the form of a thread, which will give the razor a side movement when in action, thus increasing its cutting abilities.

The blade has two cutting edges with a lug at each end, Figs. 4, 5, 6. One lug has a small hole in it, Fig. 4, and is held in position by the pin on the frame as is shown in Fig. 3. The other lug Fig. 5 has a slot in it and is clamped in position by means of the thumbscrew Fig. 2. The blade is thus held perfectly flat and rigid on the base of the frame slightly above the level of the two rollers. The blade is shown sharpened on one side only but is not restricted to it.

From the foregoing the simplicity, portability and efficiency are readily discernible.

I claim:

In a safety razor, in combination, a frame provided with roller guards; blade positioning means therebetween said means comprising a pin at one side of the frame and a clamping member at the opposite side of said frame; and a blade provided with inwardly extending lugs coacting with said positioning means whereby it is secured in operative position.

JOHN A. SERVICE.

Witnesses:
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