April 17, 1951 O. OTTOSON 2,549,229

HOLDER FOR DOUBLE-EDGED RAZOR BLADES

Filed Sept. 11, 1944

FIG. 4.

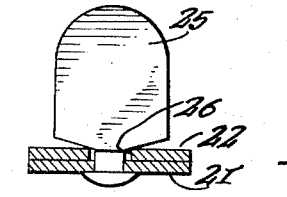


FIG. 1.

FIG. 5.

FIG. 2.

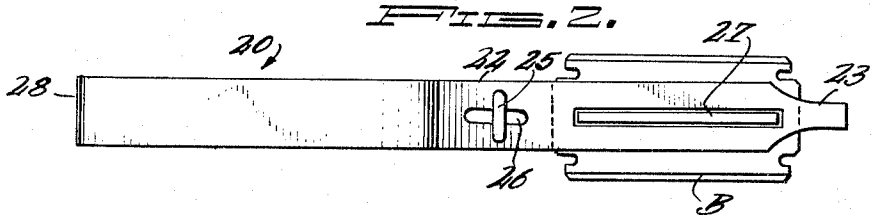
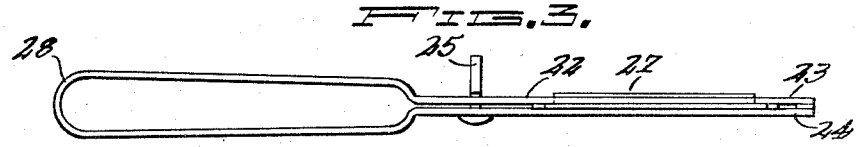


FIG. 3.



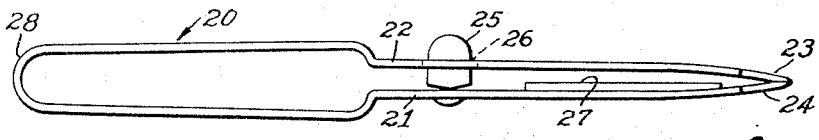


FIG. 6.

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HOLDER FOR DOUBLE-EDGED RAZOR BLADES

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1 Claim. (Cl. 30—338)

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This invention relates to an improvement in holders for double edged razor blades and has for its general object to provide a good holder of simple construction for said blades.

Another object of the invention is to provide a holder for double-edged razor blades that will hold the blade firmly in place and protect the weak center of said blade while it is being sharpened on a razor strap or on the smooth inner side of a glass known as a tumbler.

Still another object of the invention is to provide a holder for double-edged razor blades that will hold the blade securely while it is used for cutting out paper patterns, and for tailors and furriers cutting seams and the like.

Other objects of the invention, not specifically mentioned hereinbefore, will become apparent during the course of the following description of the accompanying drawings.

Figure 1 is a perspective view of my improved holder for double edged rabor blades.

Figure 2 is a top view of the same.

Figure 3 is a side view.

Figure 4 is a transverse sectional view taken substantially along the line 4—4 of Figure 1.

Figure 5 is a transverse sectional view taken substantially along the line 5—5 of Figure 1, and

Figure 6 is a side view with the holder in open position.

Referring now more particularly to the accompanying drawings in which similar reference numerals designate similar parts throughout the various views. The numeral 20, Figure 1, indicates the unit in full, complete with double-edged razor blade in place and ready for operation. Numeral 21 shows the lower flat and blade-like metal piece extending outward from the handle. Numeral 22 shows the upper flat and blade-like metal piece of the holder. Numerals 23 and 24 indicate the two flat metal pieces at the outer tapered end of the holder where the two pieces are held together by spot welding or other means. The tapered ends are made in order to be able to use the forward corners of the double-edged razor to better advantage while cutting. Numeral 25 indicates the lock, which when open and turned parallel with the small slotted opening will slide into said opening due to the spring action of the handle and the two blade-like pieces of metal. Numeral 26 indicates the slotted opening which is part of the locking device. Numeral 27 indicates how the double-edged razor blade is held in place by being placed over a small protruding bar or pressed up shoulder lengthwise in the lower flat metal piece, while said bar or

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shoulder also goes through the slotted opening in the upper flat metal piece and becomes flush with the outer side of said flat metal piece, when the lock is on. Numeral 28 indicates the handle which is oblong in shape and has a slight step at its base in order to create a spring action so that the device will always remain open when the lock is open.

While the operation of the invention will perhaps be fully understood from the foregoing, it is thought that a brief description thereof is desirable.

For example we take the holder for double-edged razor blades as it shows in Figure 6 of the drawings, place the holder in the left hand and insert a double-edged razor blade over the protruding bar-like shoulder 27, apply slight pressure on handle 28 and turn thumb-lock 25 to a closing position. Now the holder may be placed in the right hand and proceed to sharpen the double-edged razor blade over a honing strap as follows: Place strap in left hand and the blade holder in the right hand. When taking the strokes over the strap always put slight pressure on the edge facing the operator when the stroke is away from the operator and at the same time lift the edge of the blade on the opposite side. In a return stroke apply slight pressure on the strap with the edge of the blade that is away from the operator while at the same time lifting slightly the edge of the blade facing the operator. This performance is continued in an alternate manner on both sides of the blade until the desired keen edge has been obtained.

The double-edged razor blade may also be satisfactorily sharpened while held in the holder by placing it inside of a smooth and even drinking glass known as a tumbler, and with short semi-circular strokes back and forth rub the edges of the blade against the inner surface of the glass in an alternate manner until the desired keen edge has been obtained.

It is advisable when the blade is very dull to give it a few strokes on the strap and then hone the blade inside of a glass. In this manner the dullest double-edged razor blade may be sharpened so fine that in many cases it will cut better than a new one. When removing the double-edged razor blade from the holder, the same procedure is performed as when the blade is inserted except that the lock is open instead of closed. May I also state that my improved holder for double-edged razzor blades can be manufactured at very low cost and of any suitable material in addition to metal.

Having thus described my invention fully what is claimed as new is:

A razor blade holder comprising an elongated flat resilient strip bent medially between the ends thereof to form a pair of confronting blade clamping members and a pair of handle forming members connected together at their rear ends, said blade clamping members being longitudinally bowed with the concave sides thereof innermost, the forward ends of said clamping members being fixedly secured together and said handle forming members cooperating with said clamping members in normally biasing the latter apart, a blade positioning member carried by the inner side of one of said clamping members, the other of said clamping members having an opening within which said positioning member engages when said clamping members are disposed in blade clamping position, one of said clamping members having an elongated opening adjacent the rear thereof, and a locking member rotatably carried by the other clamping member engageable through said elongated opening and adapted upon rotation thereof to a position at right angles to the length

of said elongated opening to lock said clamping members in blade clamping position.

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