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J. M. LAWRENCE

2,195,674

RAZOR

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Fig. 1.

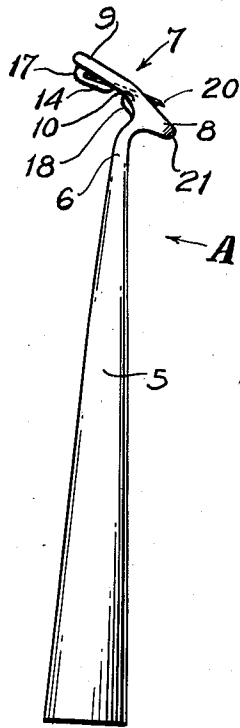


Fig. 2.

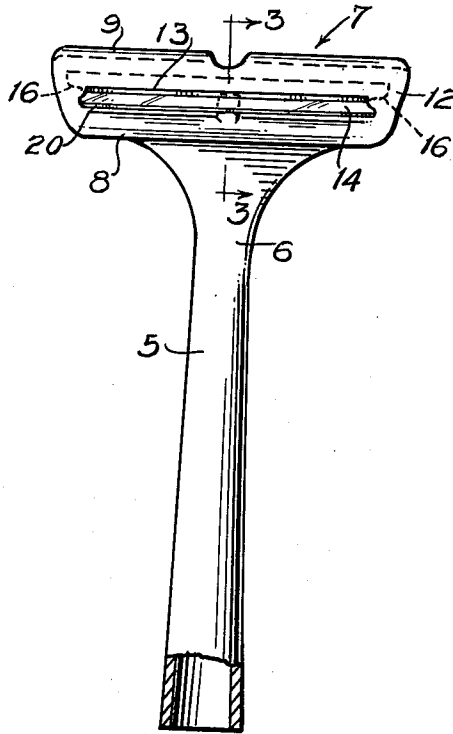


Fig. 3.

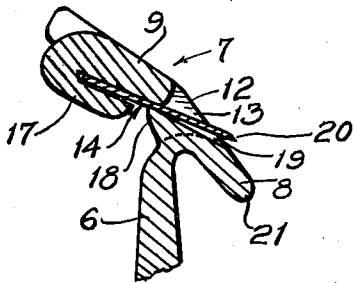
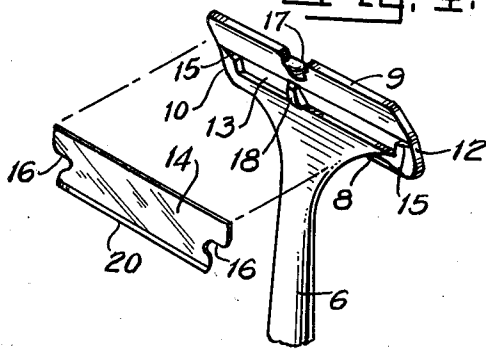


Fig. 4.



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# UNITED STATES PATENT OFFICE

2,195,674

RAZOR

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Application June 26, 1937, Serial No. 150,459

## 1 Claim. (Cl. 30—62)

My invention relates to razors. An important object of the invention is to provide a razor that may be stamped from a single piece of metal.

Another object is to provide a simple, inexpensive razor that may be sold in automatic dispensing machines in public rest rooms, and the like.

Still further objects are to permanently mount a blade in the razor and to provide means for flexibly holding the blade in a shaving position.

The invention also comprises novel details of construction and novel combinations and arrangements of parts, which will more fully appear in the course of the following description.

In the drawing, like reference characters designate similar parts in the several views.

Figure 1 is a side elevation of an embodiment of my invention.

Figure 2 is a bottom view, looking in the direction of the arrow A of Figure 1.

Figure 3 is an enlarged section taken on the line 3—3 of Figure 2.

Figure 4 is a perspective view of the razor and blade dis-assembled.

Referring more in detail to the drawing, the reference numeral 5 designates a hollow handle that is stamped into the tapered shape shown in Figures 1 and 2. A shank 6 connects the handle 5 with a head 7.

The head 7 comprises front and back members 8 and 9 connected at their ends, as shown at 10 and 12, but otherwise spaced apart, to provide a space 13 for receiving a blade 14.

The connecting members 10 and 12 provide shoulders 15 upon which shoulders 16 of the blade rest. A lug 17 is bent down from the back member 9 over the top of the blade 14, to maintain the blade in position.

A lug 18 on the front member 8 engages the other side of the blade. The lug 18 is tapered away from the blade, as shown at 19 whereby only the tip of the lug 18 engages the blade and then at some distance back from the cutting edge 20 of the blade. This arrangement permits free resiliency of the cutting edge of the blade, from end to end. Moreover, the lug 18 holds the blade from the front member 8, to provide for a space for the escape of lather, water and severed hair.

The member 8 has a rounded edge 21 for engagement with the face of the user.

In the use of the present razor, the cutting edge 20 is disposed to cut the user's beard, while the lather, water and severed hair escape through the space 13 between the blade and the front member 8.

The slope of the face of the member 9, opposite the member 8, is such that when the lug 17 is bent over the top of the blade 14, to hold same against such face, the blade (being resilient steel) is materially under tension, by reason of the position of the tip of the lug 18.

It is believed clear that the present razor may be stamped from a single piece of metal. The blade is then inserted, as explained, and the lug is bent down over the top of the blade 14.

It will be noticed from Figure 3 that the tip of the lug 18 does not touch the blade until almost the longitudinal axis thereof, or, in other words, over one-third of the blade, which is a substantial distance back from the cutting edge, is untouched by any part of the razor. This affords considerable freedom for the resilient cutting edge of the blade, which provides better shaving.

While I have illustrated and described what I now regard as the preferred embodiment of my invention, the construction is, of course, subject to modifications without departing from the spirit of my invention. I, therefore, do not wish to restrict myself to the particular form of construction illustrated and described, but desire to avail myself of all modifications which may fall within the scope of the appended claim.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

A razor comprising a head and a handle, the head having spaced members, a blade disposed in the space, a lug in the center of one of said members holding the blade under tension against said member, and a lug in the center of the other head member, opposite the first-mentioned lug, maintaining the blade under said tension and holding it away from the latter member, to provide a tensioned shaving edge and a space for the escape of lather.

JAMES M. LAWRENCE.