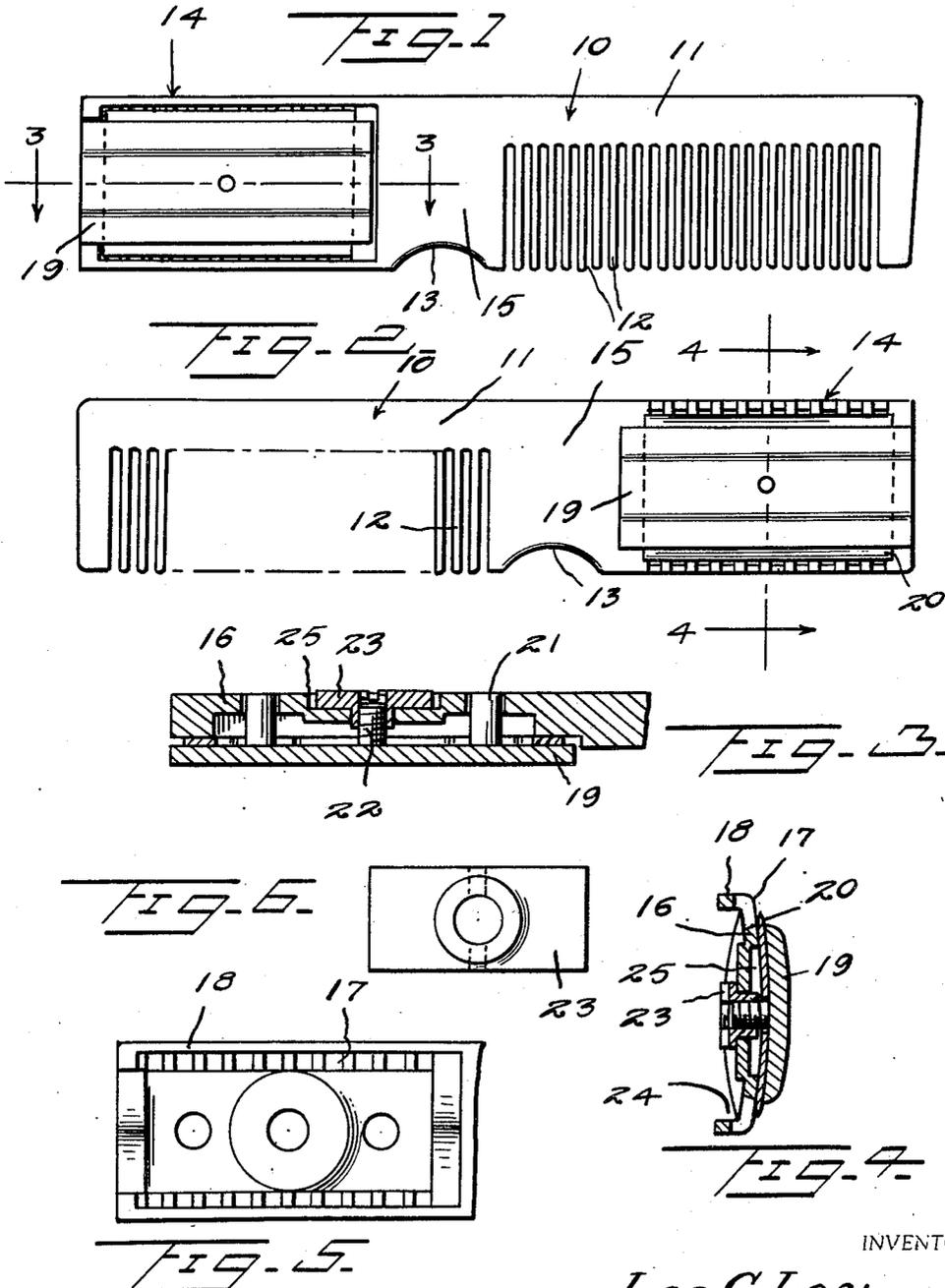


June 7, 1955

L. C. LOY
SAFETY RAZOR

2,709,849

Filed Oct. 31, 1952



INVENTOR

Lee C. Loy

BY *Kimmel & Crowell*

ATTORNEYS

1

2,709,849

SAFETY RAZOR

Lee C. Loy, Woodbridge, N. J.

Application October 31, 1952, Serial No. 317,933

1 Claim. (Cl. 30—47)

This invention relates to a combined comb and razor.

An object of this invention is to provide a combined comb and razor wherein the comb forms the handle for the razor when the latter is in use, and the razor forms the handle for the comb.

Another object of this invention is to provide a razor construction embodying a holder having guard means along the opposite lengthwise edges thereof, with the holder having a recess in the back side thereof forming a pocket or chamber within which the double edge blade is adapted to be positioned when the razor is not in use.

A further object of this invention is to provide in a razor construction of this kind, a clamping plate which in one position is designed to clamp the blade to the holder on the outer convex side of the holder, and in another position thereof is designed to clamp the blade in the recess or chamber which is formed on the opposite side of the holder.

With the above and other objects in view, my invention consists in the arrangement, combination and details of construction disclosed in the drawing and specification, and then more particularly pointed out in the appended claim.

In the drawing—

Figure 1 is a detailed side elevation of a combined comb and razor constructed according to an embodiment of this invention, showing the razor blade in inoperative position,

Figure 2 is a detailed side elevation of the comb and razor showing the blade in operative position,

Figure 3 is an enlarged fragmentary sectional view taken on the line 3—3 of Figure 1,

Figure 4 is a sectional view taken on the line 4—4 of Figure 2,

Figure 5 is a plan view of the razor blade holder with the clamping plate removed,

Figure 6 is a greatly enlarged bottom plan view of the wing nut used with this device.

Referring to the drawing, the numeral 10 designates generally a comb of conventional construction embodying a back 11 and a plurality of tines 12. A razor blade holder generally designated as 14 is connected with the comb 10 by means of a connecting member 15, and one edge of the connecting member 15 is formed with a concave cutout or finger recess 13.

The holder 14 is formed of a transversely arcuate plate 16 having spaced guard fingers 17 extending from the longitudinal edges thereof, and the fingers 17 are connected together at their outer ends by means of longitudinal connecting bars 18. A transversely arcuate clamping plate 19 is adapted to engage the convex side of the plate 16 when the holder is used for shaving, and a double edge razor blade 20 is adapted to be interposed between plates 16 and 19.

Clamping plate 19 is provided with a pair of inwardly projecting pins or studs 21 and is also provided with a threaded stud 22. A T-shaped nut is adapted to engage the stud 22 for tightly pressing plate 19 against blade 20

2

and thereby effecting a transverse bend or tension to the blade 20. When the device is to be used as a comb, the holder 14 forms a handle for the comb and at this time the razor blade 20 is positioned in the concave side of plate 16, this concave side forming a blade chamber 24. The longitudinal edges of the chamber 24 are defined by the connecting bars 18 at the outer ends of the guard fingers 17.

When blade 20 is in chamber 24, as shown in Figures 1 and 3, nut 23 is adapted to engage in a circular recess 25 which is formed in the convex outer side of plate 16. When it is desired to use this device for shaving, blade 20 is disposed on the outer side of holder or plate 16 and is clamped thereto by means of clamping plate 19 and nut 23. Comb 10 will at this time form a handle for the razor so that the razor blade may be used in the conventional manner. When the shaving operation has been completed the clamping plate 19 is removed and blade 20 is disposed on the opposite side of holder plate 16, with clamping plate 19 engaging in chamber 24 and nut 23 engaging in recess 25. Nut 23 will be substantially flush with the outer side of holder plate 16 when nut 23 is within recess 25.

I do not mean to confine myself to the exact details of construction herein disclosed, but claim all variations falling within the purview of the appended claim.

What I claim is:

A razor comprising a handle member, a razor blade holder formed integrally with and extending from one end of said handle member, said holder being formed of a transversely arcuate plate, guard fingers projecting from the opposite longitudinal edges of said plate and having their outer ends bent to extend laterally of said plate, the outer edges of said guard fingers and the edges of said handle being in longitudinal alignment, a longitudinal connecting bar connecting the ends of the respective fingers of each longitudinal edge of said plate, said bars extending laterally of the holder, the side opposite the convex side of said plate of said holder being laterally offset from said handle, said offset side and said bars forming with said holder a blade receiving chamber, a transversely arcuate clamping plate, a threaded stud carried by said clamping plate, said holder having an opening through which said stud engages, and a T-shaped nut threaded on said stud, said holder having a central portion in the convex side thereof offset laterally providing a recess concentric to said opening within which said nut is adapted to engage with the outer face of said nut substantially flush with said convex side when said clamping plate is in said chamber, said chamber in said holder being adapted to receive said clamping plate with the outer face thereof almost flush with said handle, said clamping plate being engageable on either side of said holder for clamping a razor blade in exposed operative or shielded inoperative position.

References Cited in the file of this patent

UNITED STATES PATENTS

879,264	Heissenberger	Feb. 18, 1908
974,083	Likewise	Oct. 25, 1910
1,368,116	Clair	Feb. 8, 1921
1,613,435	Blelock	Jan. 4, 1927
1,785,652	Sasser	Dec. 16, 1930
1,847,887	Muros	Mar. 1, 1932
2,034,262	Marrazzo	Mar. 17, 1936
2,046,709	Taylor	July 7, 1936
2,287,493	Cuomo	June 23, 1942

FOREIGN PATENTS

156,292	Great Britain	Jan. 13, 1921
217,523	Germany	Jan. 5, 1910
730,240	France	May 9, 1932