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SAFETY RAZOR

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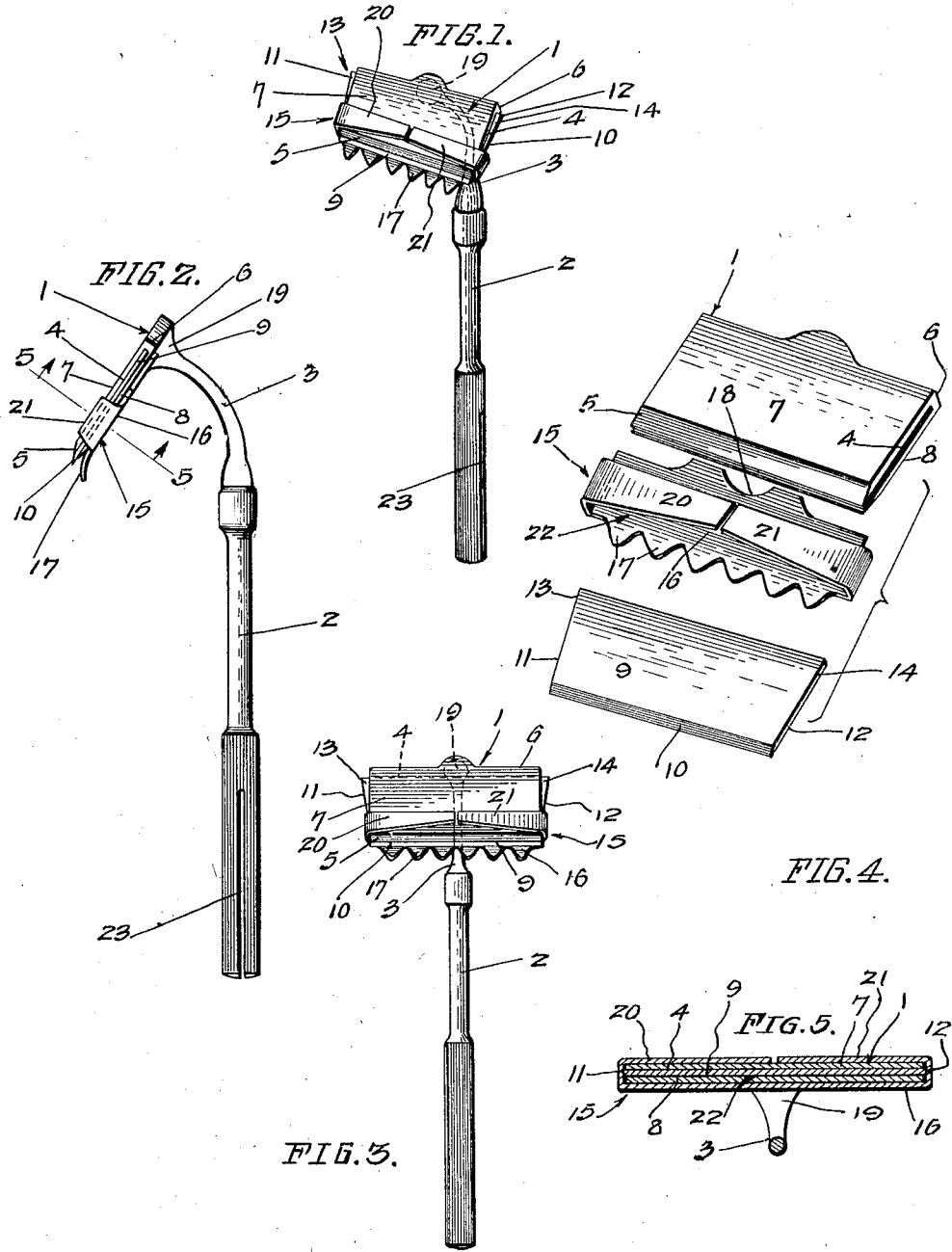


FIG. 4.

FIG. 5.

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SAFETY RAZOR.

Application filed June 12, 1926. Serial No. 115,436.

The present invention relates to improvements in safety razors, and more particularly to improvements in that class of razors shown and described in my patent No. 1,558,021, issued October the 20th, 1925, and has for its primary object the provision of an extremely cheap and simple razor of the character designated and of a design and construction best suited for ordinary shaving and one most easily and readily disassembled for stropping and cleansing purposes.

Another and most important object of the invention is the provision of a razor of this character that is provided with a positive blade-clamping means and guard that may be readily adjusted to place and will securely hold the blade in true alignment relative to the razor proper.

Other objects and advantages of my invention will appear with reference to the subjoined specification, and the accompanying one sheet of drawings, in which:

Figure 1 is a perspective view of a razor embodying the principles of my invention, showing the parts assembled in readiness for use;

Figure 2 is an edge view of the razor, on a somewhat enlarged scale;

Figure 3 is a front elevation;

Figure 4 is a disassembled perspective view, showing the several parts of the razor, namely; the head, the clamp and guard, and the blade; and

Figure 5 is a transverse sectional detail taken through the blade, head and guard, the view being taken on the line 5-5 of Figure 2.

Referring more particularly to the drawings, in which a preferred embodiment of my invention has been shown, 1 indicates the head of the razor, which is of rectangular form and metal construction and preferably integrally formed with a handle 2 and connecting neck 3, these being given the proper angular inclination as therebetween to insure the best cutting results, this inclination being clearly shown in Figure 2.

The head 1 is of comparatively light construction and is provided with a slot 4 extending from its front beveled edge 5 to near its rear edge 6, thus forming two resilient blade-engaging and blade-supporting sections 7 and 8 adapted to receive a razor blade 9 of slightly less thickness than the slot 4, a condition permitting the blade to be readily inserted between the sections 7 and 8.

The blade 9 is preferably wedge-shaped and consists of the cutting edge 10 and tapered sides 11 and 12, the upper extremities of which 13 and 14 extend beyond the sides of the head 1 of the razor and provide a means by which the blade may be removed from the slot through the use of the thumb and fore-finger of either hand.

The clamp-member and guard 15 consists of a thin stamping having a back section 16 bearing a row of guard-teeth 17 at its lower edge and a notch 18 at its upper edge to form a stop and retaining means for the guard and adapted for engagement with the portion 19 of the neck 3 of the razor handle.

The stamping 15 is provided with a pair of resilient clamping fingers 20 and 21, which are formed at opposite edges of the back 16 and extend toward each other with their inner extremities approaching to near proximity, the back 16 and fingers 20 and 21 forming a rectangular opening 22 adapted to receive and fit snugly over the head 1 and clampingly secure in position the blade 9 through the resiliency of the sections 7 and 8, when assembled, as well as to retain the blade in position against lateral pressure.

The lower end of the handle 2 is provided with a blade-slot 23, into which the razor blade may be inserted for stropping purposes, the razor being inverted in this operation and the handle used as a holder.

Having thus described my invention, I claim, and desire to secure by Letters Patent of the United States:

In a device of the character described, a slotted handle bearing a razor-head, said head being constituted of a clamp-like slot-element forming resilient blade-holding members, a wedge-shaped blade adapted to fit and to be held in position between said members, a slidable frictionally retained combination clamp and guard member adapted to be slipped over and embrace both said head and blade to retain them in clamped relation, the said combination clamp and guard member being additionally provided with resilient fingers adapted to serve as guards to said blade's edge, and stop means borne by said head adapted to engage said combination member and position the same relative to said head and blade.

In testimony whereof I hereunto affix my signature.

JOHN J. LIBI.