W. M. EVANS.

SAFETY RAZOR AND BLADE HOLDER.

APPLICATION FILED JAN. 19, 1920.

1,350,960. Patented Aug. 24, 1920.

Fig. 1.

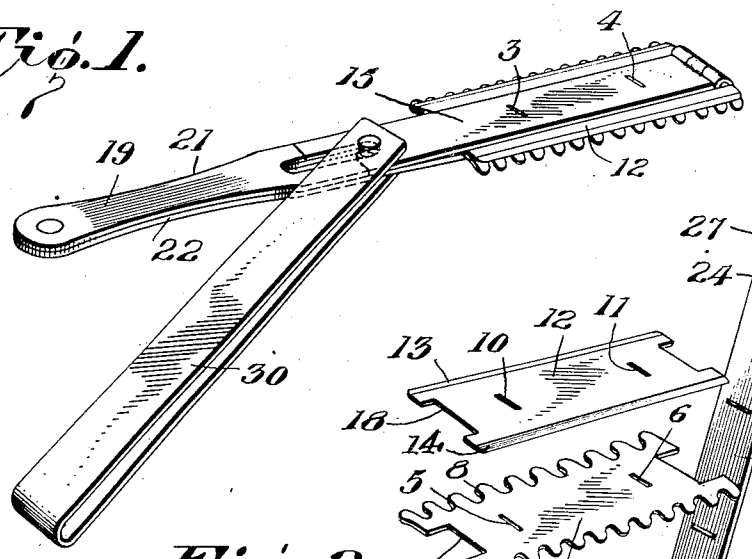

Fig. 2.

Fig. 3.

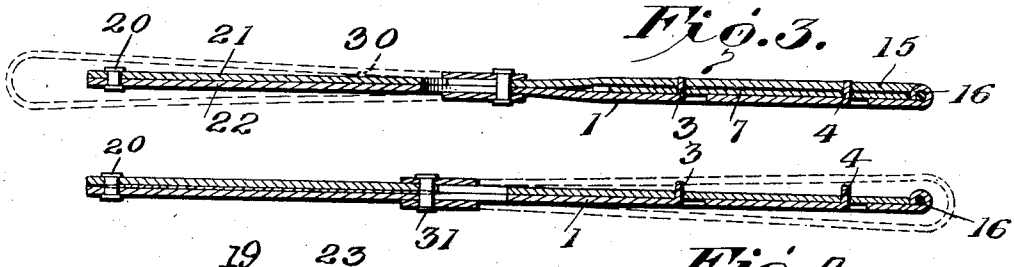

Fig. 4.

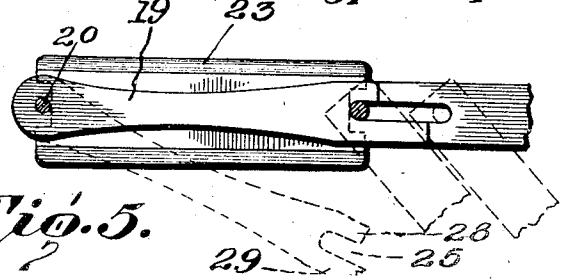

Fig. 5.

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UNITED STATES PATENT OFFICE.

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SAFETY-RAZOR AND BLADE-HOLDER.

1,350,960. Specification of Letters Patent. Patented Aug. 24, 1920.

Application filed January 19, 1920. Serial No. 352,311.

To all whom it may concern:

Be it known that I, WILLIAM M. EVANS, a citizen of the United States, residing at Tampa, in the county of Hillsborough and State of Florida, have invented certain new and useful Improvements in Safety-Razors and Blade-Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The present invention relates to improvements in safety razors and blade holders, and consists more particularly in certain improvements over my prior U. S. Patent No. 1,288,854, granted December 24, 1918.

In the accompanying drawings forming a part of this application, and in which similar reference symbols indicate corresponding parts in the several views:

Figure 1 is a perspective view of an improved implement constructed in accordance with the present invention.

Fig. 2 is a similar view with the parts opened out.

Fig. 3 is an edge view of the device, with parts broken away and showing the handle in one position.

Fig. 4 is a similar view showing the handle in the second position; and

Fig. 5 is a fragmentary plan view, with parts in section, showing the application of a blade to the blade holder.

Referring more particularly to the drawings, wherein only a single embodiment of the invention is illustrated, 1 designates an elongated thin bar of suitable material having a central slot 2 therein and separated spurs 3 and 4 cut and struck up from the material of the bar at one side of the slot 2. The spurs are separated at a suitable distance to be received in slots 5 and 6 in a guard plate 7 which has provided two series of teeth 8 and 9 along opposite longitudinal edges thereof.

Similar slots 10 and 11 are formed in the blade 12 which is formed with double edges 13 and 14. A short bar 15 is hinged, as indicated at 16, to one end of the elongated bar 1, and is adapted to swing in a flatwise direction with reference to both bars 1 and 15 and the same is arranged to clamp over the blade 12 and guard 7, as shown in Fig. 1, in order to hold these parts in position for shaving.

Recesses 17 and 18 are made respectively in both ends of the guard 7 and blade 12 in order to receive the hinge joint 16 and admit of the reversibility of these parts.

To the opposite end of the elongated bar 1 is secured a second short bar 19, as by means of a pin 20, which admits of the swinging of the short bar 19 in an edgewise direction. Both the short bar 19 and the elongated bar 1 are cut away along oppositely curved lines, as indicated at 21 and 22, in order to form a hand grip for use in holding the razor while shaving.

The short bar 21, in combination with the elongated bar 1, forms a clamp to hold a blade 23 for use in stropping, as shown in Fig. 5. The free ends of both the short bars 15 and 19 are formed with slots 24 and 25, respectively. Adjacent the slot 24, the free end of the short bar 15 is provided with a short prong 26 and an elongated prong 27. In a similar manner the slotted end of the other short bar 19 is provided with a short prong 28 and an elongated prong 29. The long prong 29 of the short bar 19 is arranged opposite the short prong 26 of the other bar 15, so that these prongs may interfit when the two bars are closed, as shown in Fig. 1.

A looped or double handle 30 carries a pin 31 that passes through the slot 2 in the elongated bar 1 and also through the slots 24 and 25 in the short bars 15 and 19, and this pin 31 is slidable in these slots, as indicated in Fig. 5. When in the left hand position shown in Fig. 5, the pin 31 will engage between the prongs 28 and 29 and will prevent the escape of the short bar 19; whereas when shifted to the right hand position such bar 19 may be swung out as indicated. The ends of the handle 30 will prevent the swinging of the short bar 15 about the hinge joint 16 except that the handle is moved to the extreme left hand position.

In use, the razor is opened out to the condition shown in Fig. 2, whereupon the guard 7 is first put in place with the slots 5 and 6 engaging over the prongs 3 and 4 and one recess 17 engaging about the hinge joint 16. Thereupon the blade 12 is placed over the guard 7 with the slots 10 and 11 also engaging the ends of the prongs 3 and 4. The short bar 15 is thereupon moved down over the blade 12, as shown in Fig. 1, and the handle 30 may then be swung around to the position shown in Fig. 4 where it clamps both the elongated bar 1 and the short bar 15

therebetween. In this condition the razor is ready for shaving and may be grasped by the short bar 19 and adjacent portion of the elongated bar 1.

The blades 23, to be sharpened, may be put between the elongated bar 1 and the short bar 19 in the manner indicated in Fig. 5.

It is obvious that those skilled in the art may vary the details of construction and arrangements of parts without departing from the spirit of my invention, and therefore I do not wish to be limited to such features except as may be required by the claims.

I claim:

1. A combined razor and blade holder comprising an elongated bar having a central elongated slot therein and spurs struck up at one side of the slot, a short bar hinged to one end of said elongated bar and adapted to swing in a flatwise direction, said short bar having openings therein to receive the outer ends of said spurs, a guard plate having openings to receive the spurs and end notches to reversibly receive the hinged joint between the short and elongated bars, a blade also having openings to receive the spurs and similar end notches, a second short bar pivoted to the opposite end of the elongated bar and swinging in a flatwise direction, and means for securing the inner ends of the two short bars together, substantially as described.

2. A combined razor and blade holder comprising an elongated bar having a central elongated slot therein and spurs struck up at one side of the slot, a short bar hinged to one end of said elongated bar and adapted to swing in a flatwise direction, said short bar having openings therein to receive the outer ends of said spurs, a guard plate having openings to receive the spurs and end notches to reversibly receive the hinged joint between the short and elongated bars, a blade also having openings to receive the spurs and similar end notches, a second short bar pivoted to the opposite end of the elongated bar and swinging in a flatwise direction, the side edges of said last mentioned short bar and adjacent portions of the elongated bar being curved inwardly, said short bars being provided at their inner edges with slots opening through such edges and having their long and short prongs at opposite sides of the slots arranged alternately and adapted to interfit, and a doubled over handle having a pin engaging in the slot in said elongated bar and in the slots in the short bars and for binding said prongs against swinging movement, substantially as described.

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