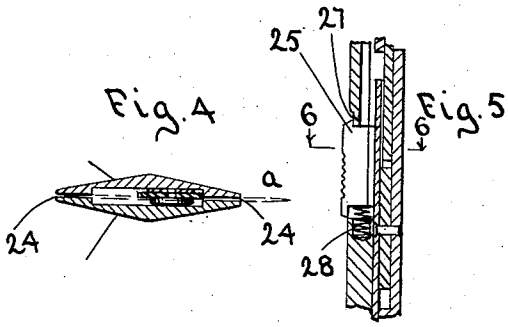
April 8, 1924.

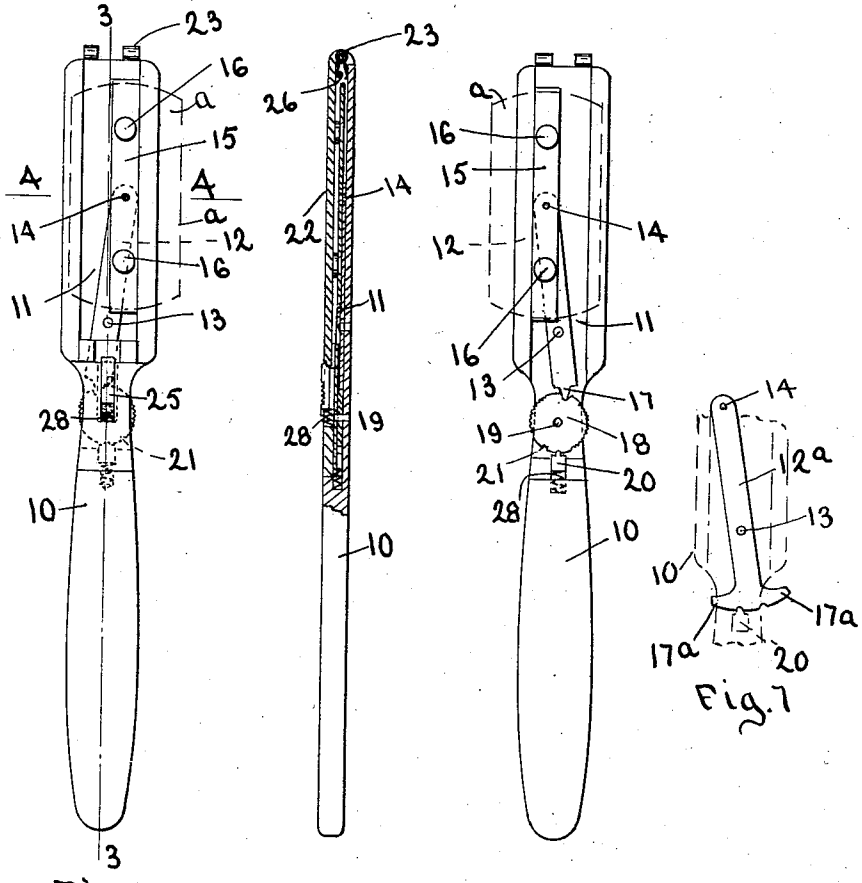
1,489,631

E. P. DU FRESNE

RAZOR STROPPING DEVICE

Filed June 25, 1923





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UNITED STATES PATENT OFFICE.

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RAZOR-STROPPING DEVICE.

Application filed June 25, 1923. Serial No. 647,528.

To all whom it may concern:

Be it known that I, EDWARD P. DU FRESNE, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Razor-Stropping Devices, of which the following is a specification.

My invention relates to devices for holding safety razor blades during the process of honing or stropping.

The essential feature of my invention is the novel construction by means of which the blade may be shifted to expose either edge and at the same time shield the opposite edge.

This provides an efficient means for honing or stropping both edges without change in the holder or reversal of the blade.

In the following specifications and claims and the drawings forming a part thereof, the details of construction of this device will be fully described, and the novel features pointed out.

In the drawings:

Fig. 1 is a side view of my invention in which the parts are in position to expose one edge of the razor blade.

Fig. 2 is a similar view with the parts in position to expose the other edge, the cap covering the operating disc being removed.

Fig. 3 is a longitudinal section on line 3—3 Fig. 1.

Fig. 4 is an enlarged section on line 4—4 Fig. 1.

Fig. 5 is an enlarged longitudinal section showing latch for cover.

Fig. 6 is an enlarged section on line 6—6 Fig. 5.

Fig. 7 shows a modified form of the swinging lever.

In the drawings 10 is a holder recessed longitudinally at 11. In this recess the lever 12 is swivelled at 13. Near the upper end of this lever at 14 is swivelled a carrier bar 15 provided with suitable projections 16 adapted to engage perforations in the razor blade *a*. It will be obvious that the carrier bar may be adapted to hold other forms of blade than the one shown in broken lines. The recess 11 is of such width that as the lever 12 swings on the stud 13, the carrier bar 15 engages either side of the recess and aligns the bar in such position that the edge of a blade mounted thereon will project beyond and parallel with that side of the holder.

The lever 12 is extended downward beyond its center of movement and is formed at 17 with a projection adapted to engage a depression in the disc 18 swivelled within the handle at 19.

A spring supported plunger 20 mounted within the handle serves to secure the parts in either position of the blade, by engaging depressions 21 formed in the disc 18. When the blade is placed in position on the blade carrier, I have provided a cover 22 which is adapted to swing on the hinge 23 and shields the blade and moving parts, clearance being provided at 24 between the holder and cover, that the blade may be projected from within. A latch 25 serves to secure the cover in closed position. A spring 26 operates to exert a yielding pressure on the cover, for the purpose of disengaging the lower end 27 when the latch 25 is pressed against the resisting spring 28.

With my invention any suitable form of cover may be used, the swinging lever 12^a Fig. 7 may be provided with projections 17^a and the disc 18 omitted; a sliding member may be substituted for the disc 18; or other equivalents in construction may be used without departing from the spirit and scope of my invention, herein described and illustrated as a preferred form.

Having described my invention, I claim:—

1. A stropping device for razor blades comprising a holder; a blade carrier mounted within the holder and movably related thereto; means whereby the blade on its carrier may be moved to expose either edge.

2. A stropping device for razor blades comprising a holder; a blade carrier mounted within the holder and movably related thereto; means for moving the blade carrier for the purpose of exposing either edge of a blade.

3. A stropping device for razor blades comprising a holder; a blade carrier slidably mounted within the holder; means for sliding the carrier for the purpose of exposing either edge of a blade.

4. A stropping device for razor blades comprising a holder; a cover movably secured to the holder and adapted to lock over the blade carrier; means for sliding the car-

rier, for the purpose of projecting either edge of a blade beyond the respective sides of the holder and cover.

5. A stropping device for razor blades comprising a holder; a blade carrier mounted within the holder and movably related thereto; means for moving the blade carrier for the purpose of exposing either edge of a blade; and means for securing the carrier in either position.

6. A stropping device for razor blades comprising a holder; a blade carrier; a lever swivelled to the carrier and adapted to swing about a stud fixed relative to the holder; means for swinging the lever for the purpose of moving the carrier laterally, relative to the holder.

7. A stropping device for razor blades comprising a holder; a blade carrier; a lever swivelled to the carrier and adapted to swing about a stud fixed relative to the holder; and means for securing the lever at either extreme of its swing.

8. A stropping device for razor blades comprising a holder; a blade carrier; a lever swivelled to the carrier and adapted to swing about a stud fixed relative to the holder; a projecting member mounted within the holder and adapted to engage the lever for the purpose of swinging the same.

9. A stropping device for razor blades comprising a holder; a blade carrier; a lever swivelled to the carrier and adapted to swing about a stud fixed relative to the holder; a projecting member mounted within the holder and adapted to engage the lever for the purpose of swinging the same; and means for securing the moving parts in either extreme position.

EDWARD P. DU FRESNE.