Nov. 27, 1928. 1,693,532

B. F. STEWART

SAFETY RAZOR

Filed Dec. 10, 1927

Fig. 1.

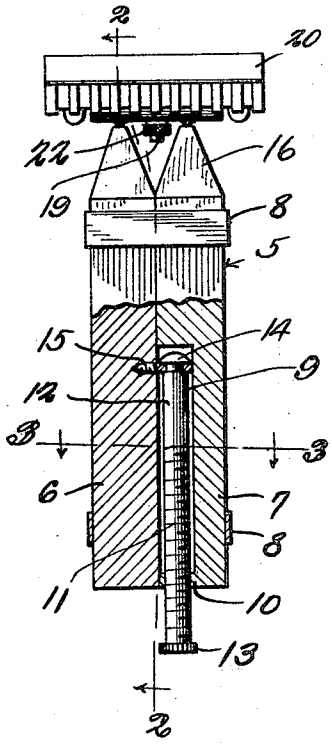


Fig. 2.

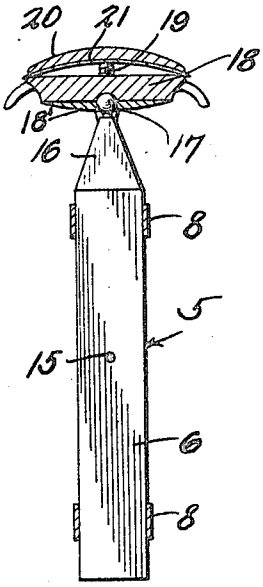


Fig. 3.

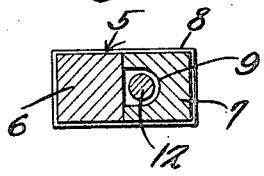
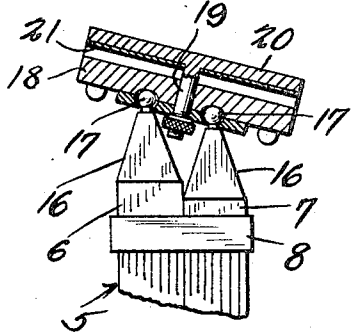


Fig. 4.



B. F. Stewart

Inventor

By C. A. Snow & Co.

Attorneys.

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UNITED STATES PATENT OFFICE.

BENJAMIN FLETCHER STEWART, OF BIRMINGHAM, ALABAMA, ASSIGNOR OF ONE-HALF TO ALBERT VANBUREN VINES, OF BESSEMER, ALABAMA.

SAFETY RAZOR.

Application filed December 10, 1927. Serial No. 239,166.

This invention has reference to safety razors and aims to provide novel means whereby the head and blade supported by the head of the razor may be adjusted to various angles to meet the requirements of use.

An important object of the invention is to provide a device of this character including a handle embodying slidable sections, and means for moving the sections with respect to each other to accomplish the adjustment.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawing:

Figure 1 is an elevational view of a safety razor constructed in accordance with the invention, a portion of the handle being shown in section.

Figure 2 is a sectional view taken on line 2—2 of Figure 1.

Figure 3 is a sectional view taken on line 3—3 of Figure 1.

Figure 4 is a sectional view taken at right angles to Figure 2.

Referring to the drawing in detail, the reference character 5 designates the handle of the razor which includes sections 6 and 7 respectively, held together by means of the hands 8, but permitted to move longitudinally with respect to each other.

As shown, the handle section 7 is cut away at 9 defining a wall 10 at one end formed with a threaded opening to accommodate the threads 11 of the adjusting screw 12, there being provided a knurled head 13 at one end of the screw by means of which the screw may be adjusted.

The inner end of the screw 12 is formed with a head 14 that contacts with the screw eye 15 that is carried by the handle section 6, to the end that when the adjusting screw is rotated, the sections 6 and 7 of the handle will be moved longitudinally of each other to tilt the head of the razor.

The inner ends of the sections 6 and 7 are tapered as at 16, where they are provided with balls 17 fitted in sockets of the head 18, the connections between the balls 17 and the sockets 18 being such as to permit of slight movement to allow the tilting of the hand. A securing plate 18′ is mounted on the head 18 and is held into engagement with the balls 17 by means of the shank 19 and nut positioned thereon, so that the head of the razor will be held against lateral movement while in use.

Formed in the head 18 is an opening to accommodate the threaded shank 19 of the removable section 20 of the razor on which the blade 21 is mounted. A nut 22 is secured on the threaded shank 19 so that the usual adjustment of the sections of the head may be made to vary the cutting surfaces of the blade.

From the foregoing it will be seen that due to the construction shown and described, the head of the razor may be tilted to angles of various degrees so that the razor will have a shearing action as it is moved over the face of the user, thereby making it possible to obtain a close shave by passing the razor over the face but once.

I claim:

In a safety razor, a head having sockets, a removable blade holding section having a threaded shank extending through the head, a securing plate having openings disposed adjacent to the sockets and having an opening to receive the threaded shank, a nut on the shank to engage the plate to hold the plate into close engagement with the head, a handle embodying sections movable longitudinally with respect to each other, a ball on one end of each handle section, said balls being fitted in the sockets and held against movement by frictional engagement with the plate.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

BENJAMIN FLETCHER STEWART.