

F. W. SHERMAN.
 CUTLERY.
 APPLICATION FILED OCT. 12, 1909.

950,352.

Patented Feb. 22, 1910.

Fig. 1.

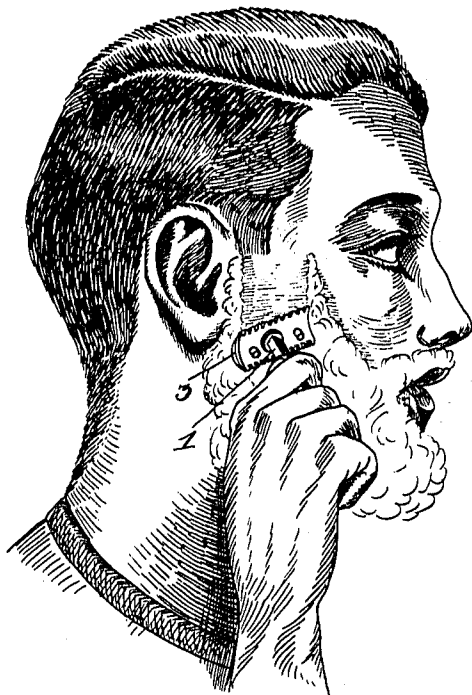


Fig. 2.

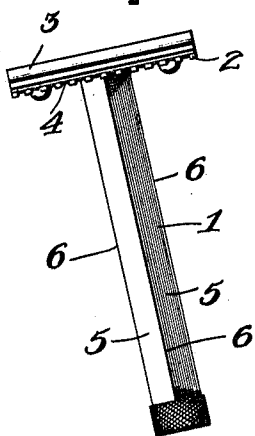


Fig. 4.

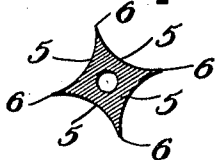


Fig. 3.

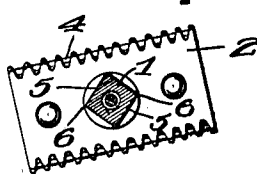
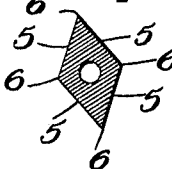


Fig. 5.



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CUTLERY.

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To all whom it may concern:

Be it known that I, FRED W. SHERMAN, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented new and useful Improvements in Cutlery, of which the following is a specification.

This invention relates to improvements in cutlery, and more particularly to an improved handle for a safety razor.

The object of this invention is to provide an improved form of handle which may be readily used in combination with any form of safety razor in which the cutting edge of the blade is at right angles to the handle.

The usual form of safety razors of this type are provided with a cylindrical handle. In shaving with razors of this type it has been found that there is a natural tendency to draw the blade downward over the face with its cutting edge at right angles to the direction of travel, which removes the hair by a hoeing action very disagreeable and especially undesirable to a person having a tender skin.

The form of the handle contemplated in this invention will naturally cause the cutting edge of the razor to engage the face at an angle to the direction of travel, making it extremely difficult, if not impossible, for the operator to draw the blade over his face in any other relation. The advantages of such a construction are obvious, as the cutting edge of blade will always be angularly disposed in relation to the direction of travel and thereby remove the hair by a slicing action instead of a hoeing action which will cause the safety razor provided with this handle to shave with as much ease and with as little discomfort as the well known straight blade razor in general use.

While the preferred form of this invention is illustrated in the accompanying sheet of drawing, yet it is to be understood that minor detail changes may be made without departing from the scope thereof.

Figure 1 is a perspective view showing the operation of this invention in use. Fig. 2 is an enlarged view in side elevation of the complete device. Fig. 3 is a bottom plan view of Fig. 1 showing the handle in section. Figs. 4 and 5 are enlarged sectional views illustrating modified forms of handles.

The handle 1 is adapted to be rigidly secured in any well known manner to the operating parts of the blade holding mechanism

in such a way that the handle is at right angles to the plane of the cutting edge of the blade. In the form illustrated the handle 1 is shown secured to the curved base plate 2 provided with an outer curved securing plate 3 adapted to retain a resilient blade 4 between the two. It is to be understood that this specific form of blade holding mechanism is not a part of this invention, as the handle may be applied to any other form of safety razor of this general type.

The gripping portion of the handle is provided with a plurality of oppositely disposed symmetrical faces 5 meeting in diametrically disposed edges 6. It is necessary to this invention that each pair of oppositely disposed edges lie in planes perpendicular to each other, and one of the planes be perpendicular to the cutting edge of the blade, when the invention is applied to razors of the type having a blade with a cutting edge on each side of the handle, in order that either hand may be used in operating the razor with either edge of the blade. The ends of the handle may be of any desired shape or may follow the contour of the faced portions.

In Figs. 1, 2, and 3, a square handle is illustrated, while Figs. 4 and 5 illustrate modified forms of handles.

All the faces 5 upon the handle are angularly disposed in relation to the cutting edge of the blade 4, and therefore when the operator picks up the razor and draws the same over his face the angularly disposed surfaces of the handle will cause him to grasp the same in such a manner that the cutting edge of the blade will normally travel at an angle to the direction of movement, as clearly illustrated in Fig. 1.

As the angularly disposed faces are perfectly symmetrical the razor may be used with either hand and the same results produced in each case.

In the case of this general type in which the blade is provided with but one cutting edge only, the two faces or surfaces on the side of the handle adjacent to the cutting edge of the blade are only necessary to the operation of this invention, so the other faces may therefore be dispensed with and that part of the handle may be either flat or curved without in any way affecting the result accomplished. Furthermore in a razor of this type having but one cutting edge and when it is desired to use only one hand

in shaving, only one angularly disposed surface or face need be applied.

What I claim is:—

- 5 1. In a safety razor, a cutting blade, a guard, a handle and means for supporting the blade upon the handle at right angles to the cutting edge, said handle provided with four oppositely disposed faces with two diametrically opposite edges lying in a plane at right angles to the cutting edge of the blade.
- 10 2. In a safety razor of the type described, a handle having a plurality of oppositely disposed faces meeting in edges lying in planes at right angles to each other with one plane at right angles to the cutting edge of the blade whereby when the handle is grasped and the razor drawn over the face, the cutting edge will be normally disposed at an angle to the direction of travel.
- 15 3. In a razor, a thin flat blade provided with one or more cutting edges, a handle mounted at an angle to the plane of said blade, and angularly disposed means upon the handle for normally disposing the cutting edge at an angle to the direction of travel during the operation of shaving.
- 20 4. In a razor, a thin flat blade provided with one or more cutting edges, and a handle mounted at an angle to the plane of the blade, said handle provided with one or

more surfaces with the plane of the edges of one surface at an angle to the cutting edge providing means for normally disposing the cutting edge at an angle to the direction of travel during the operation of shaving. 35

5. In a razor, a thin flat blade provided with one or more cutting edges, and a handle mounted at an angle to the plane of the blade, said handle provided with a plurality of surfaces angularly disposed in relation to the cutting edge of the blade, one of which is adapted to be engaged by the hand when the razor is operated, whereby the cutting edge is normally disposed at an angle to the direction of travel during the operation of shaving. 40 45

6. In a razor, a thin flat blade provided with one or more cutting edges, and a handle mounted at an angle to the plane of the blade, said handle provided with one or more concave surfaces with the plane of the edges of one surface at an angle to the cutting edge providing means for normally disposing the cutting edge at an angle to the direction of travel during the operation of shaving. 50 55

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Witnesses:

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