

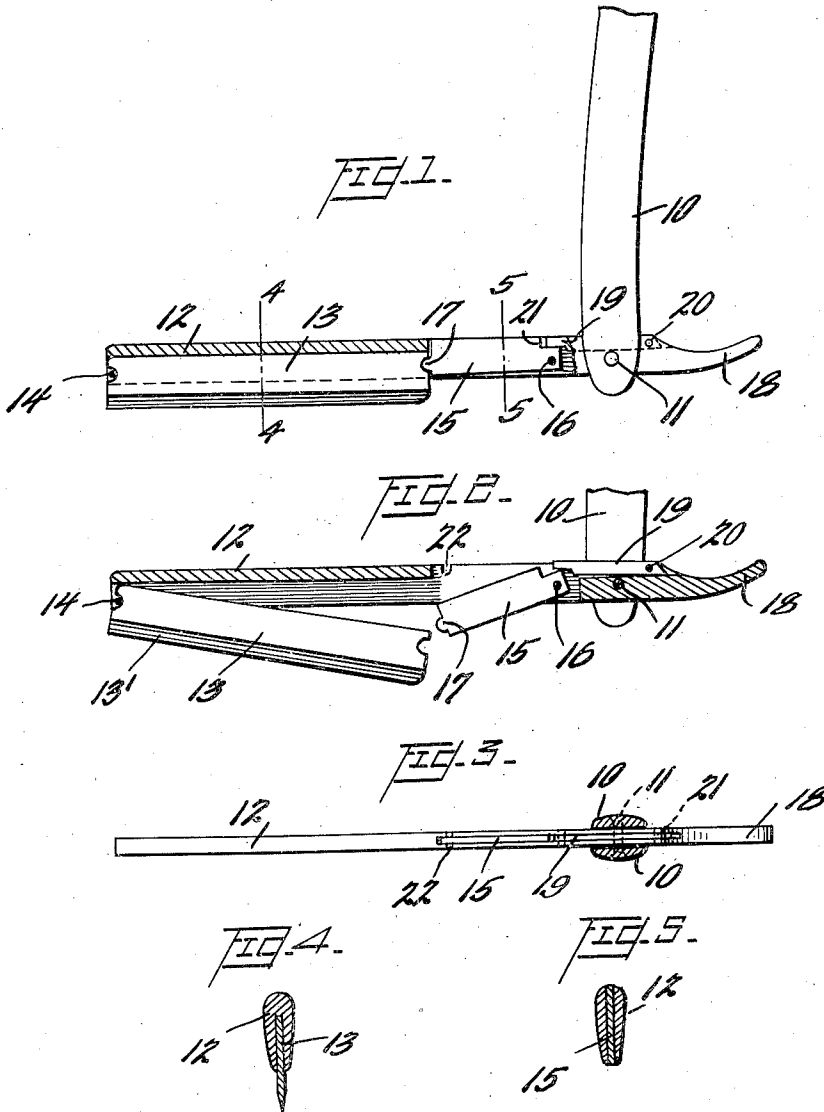
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RAZOR

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## UNITED STATES PATENT OFFICE

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RAZOR

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2 Claims. (Cl. 30—330)

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My invention relates to a straight razor with a changeable blade and it is an object of the same to provide a razor of this type that shall be more practical for various reasons than those heretofore known, one reason being that the blade is held in place more securely than in other razors having detachable blades. An advantage of the construction of my invention is that a razor of the character described is capable of being honed and stropped accurately and conveniently.

Another object of the invention is to provide a razor in which either wedge-shaped blades, concave blades or thin blades can be used, at the choice of the user.

Another object is to provide a razor in which the blades can be reversed, i. e., turned end for end, thus providing either a square point at the front end or a rounded point, according to the preference of the user.

Another object is to provide a device of the character described, wherein the general construction shall be such that the razor shall be as simple, convenient and practical to handle as is the conventional straight razor.

Another object of the invention is to eliminate the necessity of honing and stropping a razor in a barber-shop if the user prefers to substitute new blades instead of honing and stropping the blade already in use.

Referring to the annexed drawings, which are made a part of this application and in which similar reference characters indicate similar parts:

Fig. 1 is a side elevation of the device of my invention, with parts broken away;

Fig. 2, a similar view, with certain parts in different position;

Fig. 3, a top plan, with part of the handle omitted;

Fig. 4, a section on line 4—4 of Fig. 1; and

Fig. 5, a section on line 5—5 of Fig. 1.

In the drawings, reference character 10 indicates the folding sheath portion of the razor, which may be of conventional type, and which has pivoted thereto the handle 12, as by means of a rivet 11.

The handle 12 is grooved from its front end for about half of its length to receive a blade 13, the handle being capable of use with various types of blades, such as wedge-shaped blades, hollow-grooved blades and thin blades having a shim at the back, as "Gem" blades and the like, by reason of features to be described. Close to the front end there is an abutment 14, which is preferably formed by a transverse pin extending

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through the walls at opposite sides of the groove so as to engage in a notch in one end of the blade, but which may take other forms within the scope of my invention.

At the other end of the blade there is another notch which may be similar in shape, depth and position to the notch first described, and a lever 15 fulcrumed at 16 has a forwardly extending lug 17 that preferably fits closely in the rear notch of the blade 13, the lever 15 being located in a continuation of the groove or recess at the front of the handle. The movement of the lever in one direction is limited by engagement of the back of the blade 13 with the bottom of the recess in the front part of the handle, i. e., the part here shown adjacent the top of the handle in the position of parts in the drawings. The size of the blade and the dimensions of the groove are preferably so selected that the back of the blade rests against the adjacent surface of the handle throughout its length, making a solid support independent of the abutments 14 and 17, and precluding any movement of the blade independently of the handle, the abutments however serving to prevent endwise motion of the blade while locking it in place against the handle.

In effect the lever 15 is located in a continuation of the groove for the blade 13, though the cross-sectional shape of the groove may be different in the portion occupied by the lever and the groove is cut through the back of the handle forming a slot, a further shallow continuation of said groove extending out toward end of the tang 18, said continuation affording space for a slip of spring metal 19, pivoted near its rear end, as on a rivet 20 and engaging at its front end in a recess at 21 in the lever 15. It will be seen that in the preferred construction the upper edge of the lever corresponds with the upper margin of the handle, while the lower edges of these parts also lie in the same plane.

Adjacent the front end of the lever 15, when located as in Fig. 1, there is a finger notch 22 in each side member of the handle, the two notches providing a space for insertion of an object such as a thumb nail so as to bear against the back of the lever 17 and force it from the position of Fig. 1 against the pressure of spring 19 into the position of Fig. 2, where the blade can be removed and another substituted for it.

As shown in Fig. 4, the blade may fit in the groove throughout the entire depth of the groove, but blades of other shapes will be held securely in place by reason of the engagement of the back of the blade with the bottom of its groove,

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the holding action of the abutments at 14 and 17, and the engagement of the side walls of the groove with such partial flat faces as may be located at opposite sides of the blade.

It will be seen that the blade can readily be reversed, so that the rounded end will be at the front, instead of the square corner. When the blade has been located properly, as in Fig. 2, upward pressure against the under edge of lever 17 will cause the parts to assume the position of Fig. 1.

It will be obvious to those skilled in the art that many changes may be made in the device herein disclosed, all without departing from the spirit of the invention; and therefore I do not limit myself to what is shown in the drawings and described in the specification, but only as indicated in the appended claims.

Having thus fully described my invention, what I claim is:

1. A razor having a flat-sided holder with a deep elongated blade-receiving longitudinal recess in one edge thereof, a shallow longitudinal recess in the opposite edge, and a slot extending through the holder between said recesses, a blade having similarly located and similarly shaped notches at its opposite ends, an abutment on

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the holder fitting in either of the notches in the blade, a lever in the slot of the holder, said lever having an end fitting in either notch of the blade, and a leaf spring in the shallow recess of the holder, one end of said spring resting in a depression in the lever.

2. A razor as in claim 1, said lever filling the slot from side to side, and a transverse finger notch in the holder adjacent the point of contact of the lever and the blade.

OLIVER BARNOLD STOKES.

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