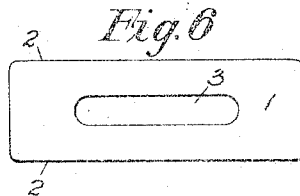
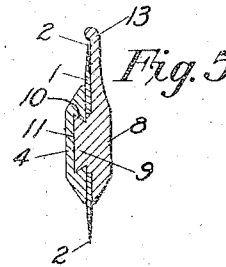
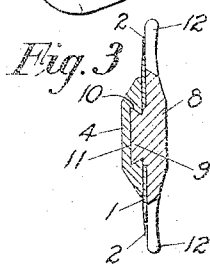
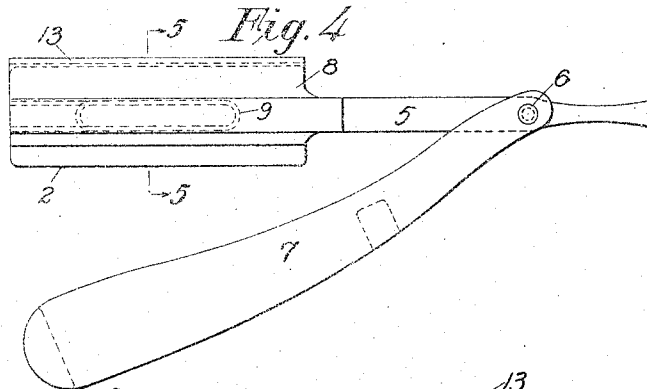
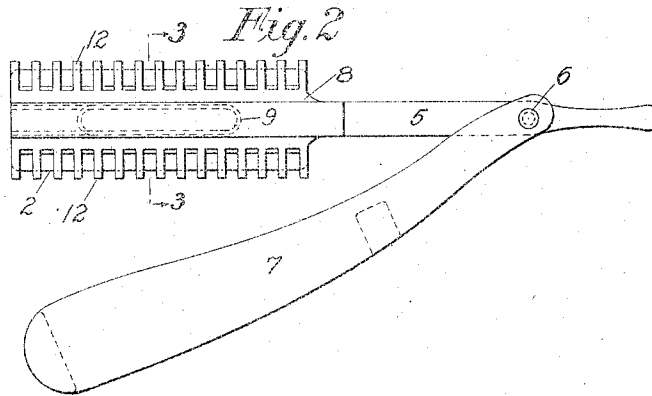
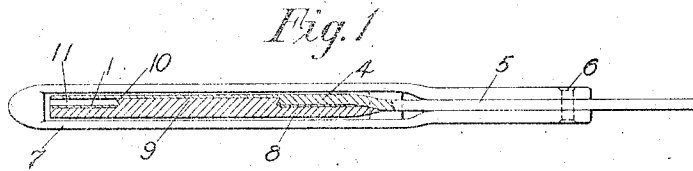


S. I. PRESCOTT.
RAZOR.

APPLICATION FILED MAR. 16, 1907.



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UNITED STATES PATENT OFFICE.

SYDNEY I. PRESCOTT, OF NEW YORK, N. Y., ASSIGNOR TO THOMAS C. DURHAM, OF NEW YORK, N. Y.

RAZOR.

No. 854,841.

Specification of Letters Patent.

Patented May 28, 1907.

Application filed March 16, 1907. Serial No. 362,750.

To all whom it may concern:

Be it known that I, SYDNEY I. PRESCOTT, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented a new and useful Razor, of which the following is a specification.

This invention relates to an improvement in razors and one of the objects thereof is to provide a simple efficient device in which a thin, replaceable blade is used and which can be used in the same manner as a razor of the ordinary type.

Another object of the invention is to provide a thin, flat, detachable, double-edged blade having an elongated perforation through which a device may be passed to position and fasten the blade in position, the blade being stiff enough to retain a straight edge.

A further object is to provide a device of this character having a double-edged blade and a double-edged safety guard so arranged that the razor may be used in the same manner as one of the ordinary type.

With these and other objects in view, the invention consists in certain constructions and combinations which will be hereinafter fully described and then specifically pointed out in the claims hereunto appended.

In the drawings which form a part of this specification and in which like characters of reference indicate the same parts,

Figure 1 is a plan view, partly in section, of a device constructed in accordance with the invention; Fig. 2 is a side elevation of the structure shown in Fig. 1; Fig. 3 is a cross-sectional view on an enlarged scale taken on the line 3—3 in Fig. 2; Fig. 4 is a side elevation of the structure shown in Fig. 1 with certain parts removed and others substituted; Fig. 5 is a cross-sectional view on an enlarged scale taken on the line 5—5 in Fig. 4; and Fig. 6 is a detail view of a blade.

In the device selected to illustrate the invention, there is provided a thin blade 1 which is provided with two cutting edges 2, as shown in Figs. 3 and 6. The blade is flat, and although thin, is of sufficient thickness to retain the cutting edges in a straight line, thus avoiding the curling of the edges when an excessively thin flat blade is used. The blade is further provided with an elongated

perforation 3 the purpose of which will be hereinafter explained.

There is provided a support for the blade and this support may vary widely in structure. In the best constructions and as shown, a support 4 is provided which is narrower than the blade and extends throughout its length. A shank 5 is extended from one end of the support and this shank is pivoted at 6 to a handle 7 of any suitable character. For the purpose of equalizing the weight and balancing the device, the shank 5 lies in planes offset from the planes of the support and in planes co-incident with the planes of the blade, as is clearly shown in Fig. 1.

A clamp is provided for securing the blade to the support and this clamp may vary widely in structure. In the best constructions and as shown, a substantially flat clamp 8 is used, the clamp being narrower than the blade and extending throughout its length.

For the purpose of positioning the blade with respect to the clamp or support, the clamp or support is provided with an elongated boss of such configuration as to engage the perforation 3 in the blade and prevent any relative turning movement thereof. In the best constructions and as shown, the clamp 8 is provided with an elongated boss 9 engaging the perforation in the blade and projecting beyond. The projecting end of the boss is provided with an angular recess 10 extending around its edge and arranged to be brought, by a sliding movement of the clamp on the support, into engagement with a dove-tailed slide-way 11 cut in the operating face of the support, for the purpose of locking the blade between the support and clamp.

When the device is to be used as a safety razor, the clamp may be provided with a double guard 12 of the usual type formed on the opposite edges of the clamp and arranged to co-operate with the cutting edges of the blade.

When, however, the device is to be used as an exposed blade razor, the clamp may be provided with an extension 13 one edge of which is turned over one edge of the blade to protect it and the user from injury.

It will be readily understood that by placing a blade in position on the elongated boss of the clamp and then sliding the clamp into

position on the support that the blade will be positioned and effectively locked between the support and clamp.

Changes and variations may be made in the structure by which the invention is carried into effect. The invention, therefore, is not to be restricted to the precise details of the structure shown and described.

What is claimed is:

1. In a razor, the combination with a support, of a slideway formed in the support, a clamp, a detachable blade having an elongated perforation and disposed between the support and clamp, and means shaped to fit and passing through the perforation and engaging the slideway for positioning and locking the blade in position, substantially as described.

2. In a razor, the combination with a support having a slideway extended from one end thereof, of a clamp, a detachable blade having an elongated perforation and disposed between the support and clamp, and means shaped to fit and passing through the perforation, and engaging the slideway for positioning and locking the blade in position, substantially as described.

3. In a razor, the combination with a sup-

port having a shank extended from one end thereof and a slideway extended from the opposite end, of a clamp, a detachable blade having an elongated perforation and disposed between the support and clamp, and means shaped to fit and passing through the perforation and engaging the slideway for positioning and locking the blade in position, substantially as described.

4. In a razor, the combination with a support having a shank extended from one end thereof and a slideway extended from the opposite end, of a clamp, a detachable double-edged blade having an elongated perforation and disposed between the support and clamp, a double-edged safety guard formed on opposite edges of the clamp, and means shaped to fit and passing through the perforation and engaging the slideway for positioning and locking the blade in position, substantially as described.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

SYDNEY I. PRESCOTT.

Witnesses:

THOS. C. DURHAM,
A. B. WITHERELL.