Nov. 1, 1932. H. A. HUBER 1,885,444

STROPPER

Filed Oct. 19, 1931

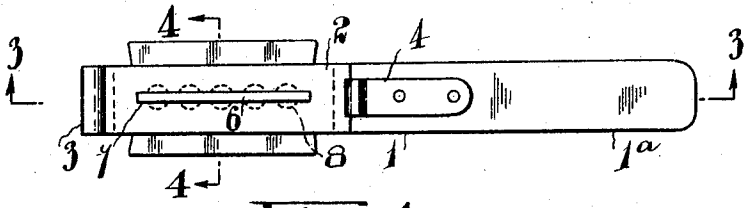


Fig. 1.

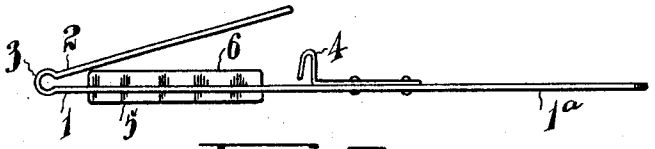


Fig. 2.

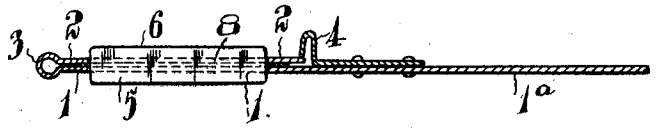


Fig. 3.

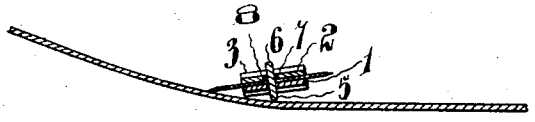


Fig. 4.

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UNITED STATES PATENT OFFICE

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STROPPER

Application filed October 19, 1931. Serial No. 569,656.

This invention relates to stroppers for razor blades and the object of my invention is to provide means for holding the blade on the stropper and properly aligning the blade with the strop when in the stropping position.

I attain my object by forming the stropper of two jaws movable relative to one another and adapted to hold a blade between them, one of the jaws having a projecting rib on its outer side or back and another projecting rib on its other or inner side adapted to pass through a central slot in the blade and also through another slot in the other jaw and to project beyond the outside or back of this other jaw when the stropper is assembled for stropping.

The invention is hereinafter more particularly described and illustrated in the accompanying drawing in which

Fig. 1 is a plan view;

Fig. 2 a side elevation of the stropper in its open position without the blade;

Fig. 3 a longitudinal section on the line 3—3 in Fig. 1; and

Fig. 4 a cross section on the line 4—4 in Fig. 1 showing the stropper in stropping position on the strop.

In the drawing like numerals of reference indicate corresponding parts in the different figures.

The stropper comprises two jaws 1 and 2, preferably composed of a single strip of resilient metal bent back upon itself at 3. To facilitate the relative movement of the jaws 1 and 2 the metal may be bent into a cylindrical hinge member at 3. In the alternative the parts 1 and 2 may be separate and connected by any known hinge member. The part 1 has an extension 1^a thereto which forms a handle. On the part 1 is formed a spring clip 4 of bent resilient metal which is adapted to engage the end of the jaw 2 to retain it in its closed position. By pressing back on the clip 4 the jaw 2 is released.

On the back of the jaw 1 is provided a projection or rib 5, and on the opposite or inner side of said jaw 1 is formed another projection or rib 6 which passes through a slot 7 in the jaw 2, and when the jaws are closed extends beyond the jaw 2 a distance about equal to the distance which the rib 5 extends beyond the back of the jaw 1. The ribs 5 and 6 are shown as integral with one another, being formed as a narrow strip extending through a slot in the jaw 1 in a direction at right angles to the plane of the jaw. The rib 6 is adapted to pass through the central slot 8 of a double bladed razor blade, for example of the "Gillette type". The width of the jaws 1 and 2 is such that the edges of the blade extend slightly beyond the edges of the jaws when the blade is held therebetween. When the blade is held in the stropper and is being manually stropped in the usual manner, the rib 5 or 6, as the case may be, and the edge of the blade engage the strop, and the ribs 5 and 6 are of such a height that they cause the edge of the blade to engage the strop at a suitable angle for stropping.

What I claim as my invention is:

1. A stropper for razor blades comprising two jaws movable relative to one another and adapted to hold a blade therebetween with its edge projecting beyond the edge of the jaws, one of said jaws having a slot formed therethrough, and the other jaw having a projecting rib thereon adapted to extend through a slot in the blade and through the slot in the other jaw and beyond the outer surface of said jaw, the outer edge of said rib and the cutting edge of the blade being adapted to contact with the strop when the stropper is in operation, whereby the blade is positioned at a proper stropping angle to the strop.

2. A stropper for razor blades comprising two jaws movable relative to one another and adapted to hold a blade therebetween with its edge projecting beyond the edge of the jaws, one of said jaws having a slot formed therethrough, and the other jaw having a projecting rib thereon adapted to extend through a slot in the blade and through the slot in the first mentioned jaw and beyond the outer surface of said jaw, and a rib on the outer side or back of the second jaw, the outer edges of said ribs and the cutting edge of the blade being adapted to contact with the strop when the stropper is in operation

whereby the blade is positioned at a suitable stropping angle to the strop.

3. A stropper for razor blades comprising two jaws movable relative to one another and adapted to hold a blade therebetween with its edge projecting beyond the edge of the jaws, each of said jaws having a slot formed therethrough; a bar fitted and secured in one of said slotted jaws with its edges projecting beyond the opposite faces of said jaw to form opposed ribs, the rib on the inner face of said jaw being of a height to extend through the slot in the other jaw and beyond the outer surface thereof when the jaws are in blade gripping relationship to regulate the angle of stropping.

Signed at Toronto, Canada, this 14th day of October 1931.

HENRY A. HUBER.