Aug. 4, 1931. A. F. SNIEGOCKI 1,817,023

RAZOR BLADE HOLDER

Filed June 24, 1929

Fig. 1.

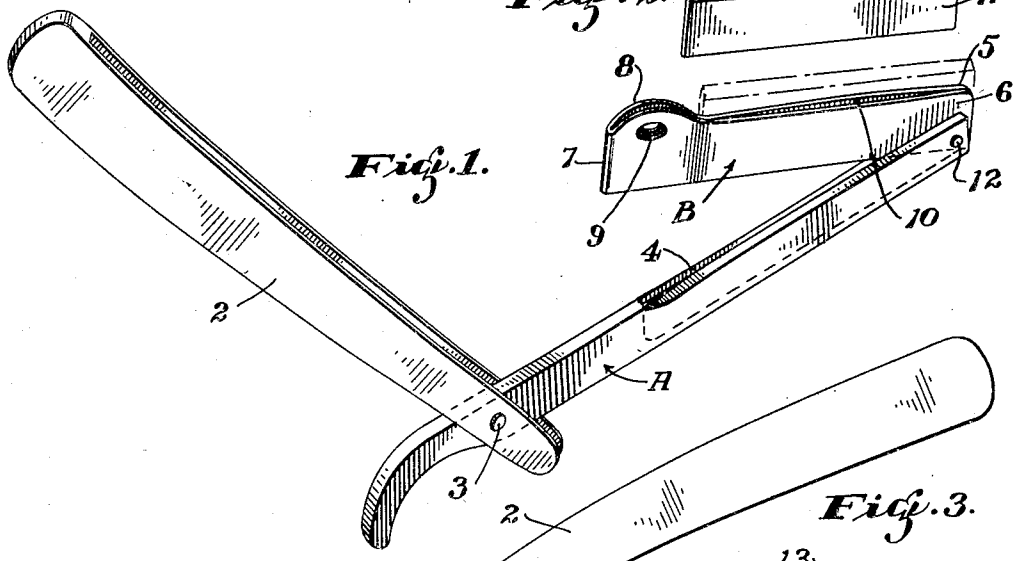


Fig. 2.

Fig. 3.

Fig. 4.

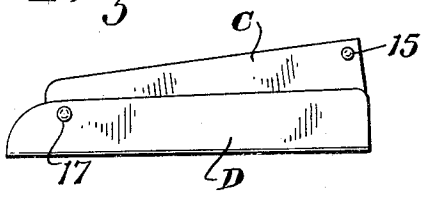


Fig. 5.

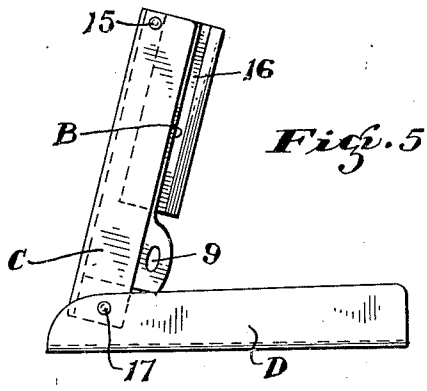
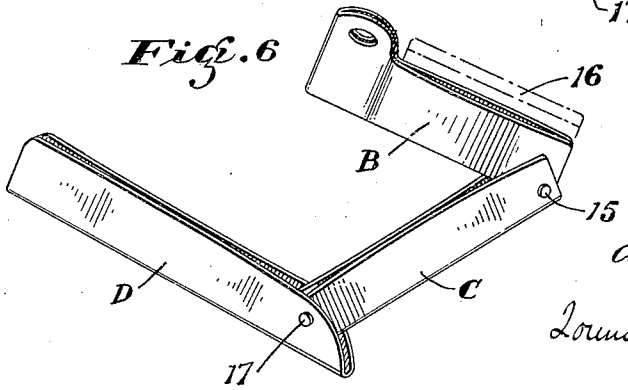


Fig. 6



INVENTOR.
Anthony F. Sniegocki.
BY
Townsend, Loftus & Abbett
ATTORNEYS.

Patented Aug. 4, 1931

1,817,023

UNITED STATES PATENT OFFICE

ANTHONY F. SNIEGOCKI, OF OAKLAND, CALIFORNIA

RAZOR BLADE HOLDER

Application filed June 24, 1929. Serial No. 373,094.

This invention relates to razor blade holders, and it is especially adapted to secure and retain flat blades, such as used in safety razors, ripping knives etc.

The object of the present invention is to generally improve and simplify the construction and operation of razor blade holders; to provide a razor blade holder which may be attached to the handle of an old-fashioned razor or a ripping knife; to provide a holder adapted to receive and secure flat razor blades of varying width and length; and further to provide a holder in which the blade is adjustably secured so as to maintain a predetermined width between the cutting edge of the blade and the back edge of the holder or handle as the blade wears away.

The razor blade holder is shown by way of illustration in the accompanying drawings, in which:

Fig. 1 is a perspective view of an old-fashioned type of razor, showing the application of the razor blade holder,

Fig. 2 is a perspective view of a flat type of razor blade adapted to be secured in the holder,

Fig. 3 is a side elevation of the razor shown in Fig. 1, showing the blade in position within the holder,

Fig. 4 is a side elevation of a ripping knife showing the application of the invention,

Fig. 5 is a side elevation of the ripping knife showing the knife partially opened,

Fig. 6 is a perspective view of the ripping knife, showing the parts completely opened to permit insertion or removal of the razor blade.

Referring to the drawings in detail, and particularly Fig. 1, A indicates the handle of an old-fashioned razor and 2 the sheath or secondary handle into which the handle A is adapted to be folded, so as to protect the cutting edge of the razor. The handle A, is in this instance, pivotally secured to the sheath 2 in the usual manner, as indicated at 3. The outer end of the handle is grooved, as indicated at 4, to form a receptacle for a razor blade holder, generally indicated at B. This holder is constructed of a thin metal, such as spring bronze, stainless steel or the like. It consists of two side sections, such as shown at 5 and 6 which are joined at one end, as indicated at 7. The joined end is slightly rounded or enlarged, as indicated at 8, and perforated as at 9 to form a finger grip. The side sections 5 and 6 are slightly bowed in the center, as shown at 10, to permit ready insertion or removal of a flat type of razor blade, such as shown at 11 in Fig. 2.

The holder B is pivotally secured as at 12 in the grooved end of the handle A, and as such may assume a position as shown in Fig. 3, or the position shown in Fig. 1. The holder pivots at the point 12 and when it is grasped at the point 9 it may be swung upwardly and outwardly of the groove 4 to assume the position shown in Fig. 1. In this position the razor blade 11 is either inserted or removed and when the holder is depressed or swung back into the groove, as shown in Fig. 3, the sides 5 and 6 of the holder are squeezed together and they thus clamp and rigidly secure the blade 11. In this position the razor is ready for use and it may be used in the same manner as an old-fashioned razor, and it may be stropped in the same manner. When using the device in the manner that is customary in the use of the old fashioned razor the user is permitted to obtain an effective grip by engaging the perforated finger grip 8—9 by virtue of which the finger grip performs the dual function of facilitating shifting of the clamping member on its pivot and may serve as a grip when using the instrument for shaving purposes.

Blades such as shown in Fig. 2 of varying length and width may be employed, as they

are vertically adjustable between the side sections 5 and 6 and they are also longitudinally adjustable between said side sections. The razor blade is rigidly clamped regardless of its length or width as the bowed side sections 5 and 6 are constructed of such thin resilient metal that they securely grip the blade when the bowed sides are pressed inwardly, by being forced into the groove 4. This adjustability of the blade is important, first because it permits the use of longer and shorter blades; secondly because it permits the use of blades of different width or height; and third because it permits a uniform distance to be maintained between the cutting edge shown at 13, Fig. 3 and the back 14 of the handle as the blade wears away from stropping and general use.

The holder is also applicable to ripping knives and the like, such as shown in Figs. 4, 5 and 6. The holder is, in this instance, also indicated at B and it is pivotally secured in the handle C at the point indicated at 15. The razor blades indicated at 16 are inserted or removed in the same manner as the blade shown at 11 in Figs. 2 and 3. A sheath or handle D is employed, and the handle C is pivotally secured thereto, as indicated at 17. When a blade is to be inserted or removed the parts are separated to assume the position shown in Fig. 6. When the blade is inserted it assumes the dotted line position shown at 16. The holder B is then depressed within the handle C, to assume the position shown in Fig. 5 and if it is desired to protect the cutting edge the holder B and the handle C are swung into the main frame or sheath B, as shown in Fig. 4.

While certain features of the present invention are more or less specifically described, I wish it understood that various changes may be resorted to within the scope of the appended claim, similarly that the materials and finishes of the several parts employed may be such as the manufacturer may decide, or varying conditions or uses may demand.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

In a device of the character described, a handle provided at its back edge with a longitudinal groove to receive a clamping member, a clamping member composed of a single piece of resilient material folded back upon itself to provide opposing clamping faces to receive a blade between them, a pivotal connection between the handle and the outer end of the clamping member, said clamping faces being slightly bowed outwardly intermediate their ends and adapted to be forced toward each other on to the sides of the blade by the walls of the groove in the handle when the clamping member is swung on said pivot into said groove and thereby bind the clamping faces tightly against the side walls of the groove and firmly against the blade, whereby to bind and hold the blade tightly between said clamping faces, said clamping member having its said faces enlarged at the inner end of the clamping member to provide a finger grip to facilitate shifting of the clamping member on its pivot and which may serve as a finger grip when using the device.

ANTHONY F. SNIEGOCKI.