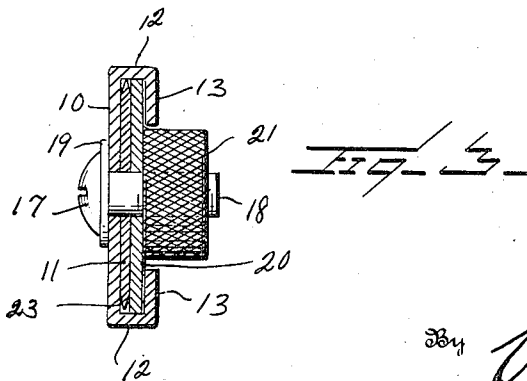
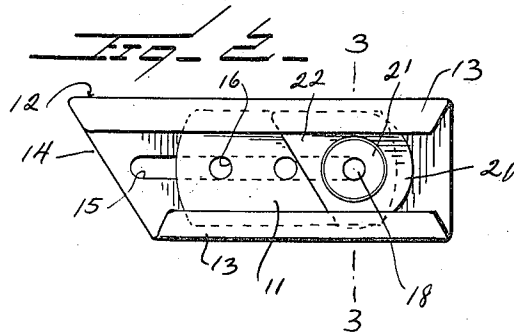
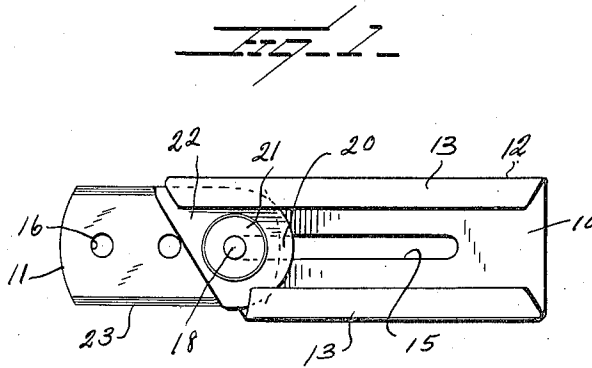


June 10, 1924.

1,496,927

W. A. EVERS
RAZOR BLADE HOLDER
Filed Jan. 24, 1923



Inventor

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By

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UNITED STATES PATENT OFFICE.

WILLIAM A. EVERS, OF MARTINSBURG, WEST VIRGINIA.

RAZOR-BLADE HOLDER.

Application filed January 24, 1923. Serial No. 614,673.

To all whom it may concern:

Be it known that I, WILLIAM A. EVERS, a citizen of the United States, residing at Martinsburg, in the county of Berkeley and State of West Virginia, have invented certain new and useful Improvements in Razor-Blade Holders, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to razor blade holders for the blades of safety razors and more particularly to means for holding the blade to permit its use as a cutting instrument corresponding to a knife.

15 An important object of the invention is to provide a device of this character which is adapted for use in holding double edge blades and including means for holding the blade so that one edge of the blade will be withheld from contact with anything which might dull the same, thereby prolonging its life.

A further object of the invention is to provide a device of this character which is simple in its construction and operation, which may be cheaply produced and which will prove durable and efficient in service.

20 These and other objects I attain by the construction and arrangement shown in the accompanying drawings wherein for the purpose of illustration is shown a preferred embodiment of my invention and wherein like reference characters designate like parts throughout.

25 In the drawings:—

Figure 1 is a side elevation of a holder constructed in accordance with my invention, the blade being extended;

Figure 2 is a similar view of the blade withdrawn; and

30 Figure 3 is a section on the line 3—3 of Figure 2.

Referring now more particularly to the drawings, the numeral 10 indicates a trapezoidal plate, the parallel edges of which are spaced apart a distance slightly greater than the width of the blade 11 to be accommodated and provided with outstanding flanges 12, the ends of which are directed toward one another, as indicated at 13, and parallel the plate 10. The plate 10 has one end edge thereof of slightly greater length than the corresponding end edge and the excess length arranged at one end so that one end of the plate is substantially square

whereas the opposite end is beveled, as indicated at 14.

Formed in the plate 10 is a slot 15, one edge of which is spaced from the adjacent face of the flange 12 at the corresponding side of the plate 10 a distance equal to the distance between the side edges of the openings 16 formed in the blade 11 as a means for securing the same in position upon a razor in which it is employed, this securing means not being herein shown. The slot 15 is of the same width as the openings 16 and a headed securing member 17 has its shank 18 extending through the slot and one of the openings 16 of the plate 10 and having a sliding fit in the slot 15, a washer 19 being positioned beneath the head and sliding upon the edges of the slot at the face of the plate remote from the flanges 12.

The numeral 20 designates a clamping plate of a width equal to the distance between the flanges 12 which is superimposed upon the blade 11 and has an opening through which the shank 18 extends. This shank is threaded and provided with a clamping nut 21 so that the clamping plate 20 may be forced into engagement with the blade 11 to hold the same in adjusted position. The clamping plate 20 is provided with an extension 22 having an inclined face which projects slightly beyond the inclined face 14 of the holder when the blade and plate are arranged at one limit of their movement within the holder.

It will be noted by an inspection of the sectional view in Figure 3, that the construction of the plate as above described positions the blade 11 so that one side edge thereof is in engagement with the corresponding flange 12 of the plate 10. The plate being of greater width than the blade, it follows that the opposite edge thereof is held in spaced relation to the adjacent flange 12 and accordingly will not be marred thereby. The edges of these blades being beveled, as indicated at 23, the cutting portion thereof will be held in spaced relation to the plate 10 and clamping plate 20 and accordingly may not be damaged thereby. When it is desired to extend the blade, the clamping nut 21 is loosened and the blade extended for the desired distance when the clamping nut is again tightened. Attention is called to the fact that when the blade is in the closed position or retracted so that it

lies entirely upon the plate 10, the overhanging flanges 13 serve to prevent engagement of the cutting edges thereof with adjacent articles.

5 I claim:—

10 In a device of the type described, a plate having parallel side edges and provided at such edges with flanges, the outer ends of the flanges terminating in portions directed toward the flange at the opposite side of the plate and paralleling the plate, the plate being of a width greater than the blade to be accommodated and having a slot formed therein paralleling said flanges and spaced

from one of the flanges a distance equal to the distance from the edge of the blade to the securing element receiving opening thereof, a pivot bolt slidable in said slot and adapted to be extended through the securing element receiving opening of the blade, and a clamping plate likewise slidable within the slot and through which said pivot bolt extends, the bolt being provided with a clamping nut for forcing said plate into engagement with said blade. 20 25

In testimony whereof I hereunto affix my signature.

WILLIAM A. EVERS.