

March 15, 1949.

H. M. LIGHTBURN

2,464,408

RAZOR BLADE HOLDER

Filed June 25, 1945

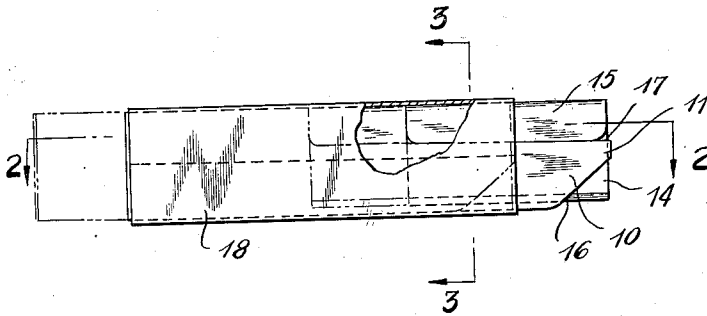


Fig. 1

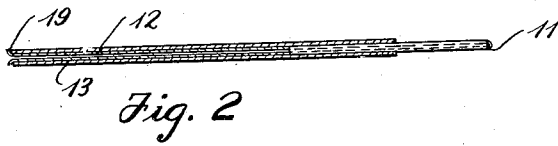


Fig. 2

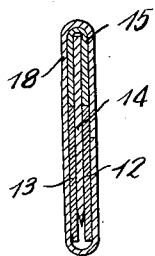


Fig. 3

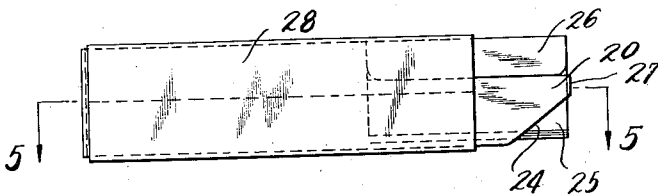


Fig. 4

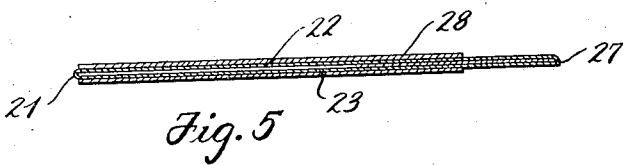


Fig. 5

INVENTOR.

HERBERT M. LIGHTBURN

BY

Hazard & Miller
Attorneys

UNITED STATES PATENT OFFICE

2,464,408

RAZOR BLADE HOLDER

Herbert M. Lightburn, Pasadena, Calif.

Application June 25, 1945, Serial No. 601,465

5 Claims. (Cl. 30—337)

1

This invention relates to a razor blade holder or a cutting implement employing a razor blade.

An object of the invention is to provide an improved razor blade holder or cutting implement which utilizes that type of conventional razor blade which has a back or channel shaped strip that is applied over the upper edge of the blade and extends from end to end thereof.

More specifically, an object of the invention is to provide a razor blade holder consisting of a holding element formed of a section of sheet metal reversely folded upon itself and adapted to receive the blade of the razor blade therebetween. Corners of this holding element are removed to expose a corner of the razor blade and the top of the holding element is rebated to receive the sides of the back of the blade. A sheath closely surrounds the holding element and is slidable thereon to either cover or expose the corner of the blade and to maintain the back of the blade in its rebates.

With the foregoing and other objects in view, which will be made manifest in the following detailed description and specifically pointed out in the appended claims, reference is had to the accompanying drawings for an illustrative embodiment of the invention, wherein:

Figure 1 is a view in side elevation, parts being broken away and shown in section illustrating the improved razor blade holder embodying the present invention.

Fig. 2 is a horizontal section taken substantially upon the line 2—2 upon Fig. 1.

Fig. 3 is a vertical section taken substantially upon the line 3—3 upon Fig. 1 and drawn on an enlarged scale.

Fig. 4 is a view similar to Fig. 1 but illustrating a slightly modified form of construction.

Fig. 5 is a horizontal section taken substantially upon the line 5—5 upon Fig. 4.

Referring to the accompanying drawings wherein similar reference characters designate similar parts throughout, the improved razor blade holder comprises a section of sheet metal 10 reversely folded upon itself at 11 providing two closely adjacent parallel sides 12 and 13 between which the blade 14 of a safety razor blade having a back 15 may be inserted. The blade illustrated is of a conventional type of construction wherein the blade 14 is relatively stiff and has an inverted U shaped channel strip secured over its top edge. The metal strip 10 has a thickness substantially equal to the thickness of the sides of the back 15 so that when the blade 14 is inserted between the sides 12 and 13 the back 15 will not

2

protrude outwardly beyond the sides. The lower forward corners of the strip 10 are removed as indicated at 16 to expose the lower forward corner of the blade 14. At the top of the strip there are formed rebates 17 extending rearwardly from the reverse fold 11 and these rebates are substantially equal in height and length to the dimensions of the sides of the back 15.

A handle or sheath 18 is provided which is of a flattened tubular form and the length of this sheath is somewhat smaller than the length of the reversely folded strip 10. The sheath is designed to closely fit about and to be slidable on the holding element and may occupy a position as shown in full lines on Fig. 1 wherein it exposes the entire forward portion of the holding element including the exposed lower corner of the blade 14. On sliding the holding element rearwardly in the sheath as indicated by dotted lines on Fig. 1 the corner of the blade will be covered by the sheath and thus serve as a protection against accidental injury. Forward movement of the holding element 10 with relation to the sheath may be limited by flaring the rear edges of the sides outwardly as indicated at 19 on Fig. 2.

In Figs. 4 and 5 I have illustrated an alternative form of construction wherein the holding element consists of a single strip of sheet metal 20 reversely folded upon itself as at 21 providing closely adjacent parallel sides 22 and 23. The forward lower corners of the holder element are beveled off as indicated at 24 to expose the lower corner of the blade 25. The upper corners are rebated so as to snugly receive the back 26. In this form of construction one side 22 is provided with a small detent 27 at its forward edge that can be snapped over the forward edge of the side 23 and which will lock the blade between the sides of the holding element. A sheath 28 snugly fits about the holding element and may slide thereon to either expose or cover the forward portion of the holding element and the blade mounted thereon.

In the above described construction whenever the blade becomes worn or damaged it is possible to easily slide off the sheath and either reverse the position of the blade in the holding element so as to expose the other corner or to replace the blade with a new blade.

It will be appreciated from the above described construction that an improved razor blade holder is provided designed to utilize a backed blade and to firmly retain the blade in position and providing a suitable handle therefor while cutting.

Various changes may be made in the details

3

of construction without departing from the spirit and scope of the invention as defined by the appended claims.

I claim:

1. A device of the class described comprising a strip of sheet metal reversely folded on itself and between the sides of which the blade of a backed safety razor blade is receivable, said strip being cut away at one lower corner to expose a corner of the blade and being rebated at its top edge to receive the sides of the safety razor blade back, and a sheath closely fitting about said reversely folded strip and slidable thereon serving to cover or expose the exposed corner of the blade and to retain the blade in position with the sides of the back of the blade in their respective rebates.

2. A device of the class described comprising a strip of sheet metal reversely folded on itself and between the sides of which the blade of a backed safety razor blade is receivable, said strip being cut away at one lower corner to expose a corner of the blade and being rebated at its top edge to receive the sides of the safety razor blade back, and a sheath closely fitting about said reversely folded strip and slidable thereon serving to cover or expose the exposed corner of the blade and to retain the blade in position with the sides of the back of the blade in their respective rebates, the rebates of said strip being of such size and shape as to fit snugly about the sides of the back in retaining its top flush with the top of the strip.

3. A device of the class described comprising a strip of sheet metal reversely folded on itself and between the sides of which the blade of a backed safety razor blade is receivable, said strip being cut away at one lower corner to expose a corner of the blade and being rebated at its top edge to receive the sides of the safety razor blade back, and a sheath closely fitting about said reversely folded strip and slidable thereon serving to cover or expose the exposed corner of the blade and to retain the blade in position with the sides of the back of the blade in their respective

4

rebates, the sides of the strip being approximately equal in thickness to the thicknesses of the sides of the back of the razor blade.

4. A device of the class described comprising a strip of sheet metal reversely folded on itself to provide a holding implement and between the sides of which the blade of a backed safety razor blade is receivable, said strip being cut away at the reverse fold to expose a corner of the blade, and being rebated at its top edge from adjacent the reverse fold inwardly to receive the sides of the safety razor blade back, and a sheath closely fitting about said holding implement and slidable thereon serving to expose or cover the exposed corner of the blade and to retain the blade in position with the sides of the back of the blade at their rebates.

5. A device of the class described comprising a strip of sheet metal reversely folded upon itself adjacent its center to provide a holding implement and between the sides of which the blade of a backed safety razor blade is receivable, means for releasably fastening the forward ends of said sides together, the forward ends of said sides being cut away adjacent their lower corners to expose a corner of the blade and being rebated at their upper forward corners to receive the sides of the safety razor blade back, and a sheath closely fitting about said reversely folded strip and slidable thereon serving to cover or expose the exposed corner of the blade and to retain the blade in position with the sides of the back of the blade in their respective rebates.

HERBERT M. LIGHTBURN.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS			
Number	Name	Date	
1,454,055	Klamroth	May 8, 1923	
1,887,188	Ross	Nov. 8, 1932	