

March 18, 1924.

1,487,655

L. HLAVACEK
BLADE HOLDING DEVICE
Filed March 9, 1922

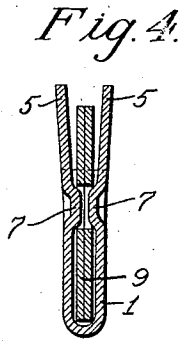
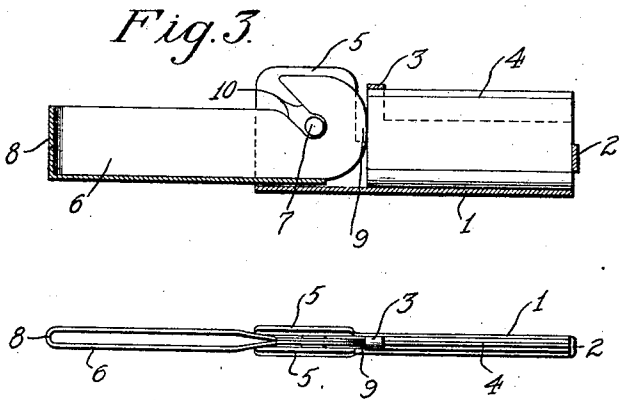
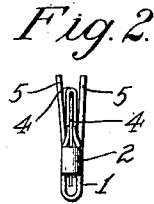
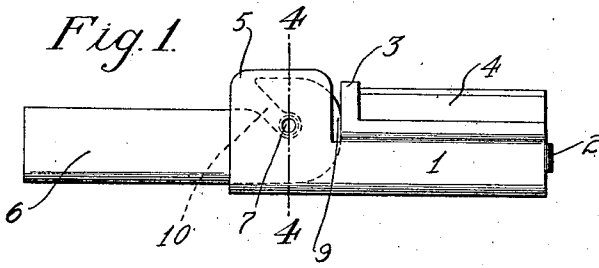
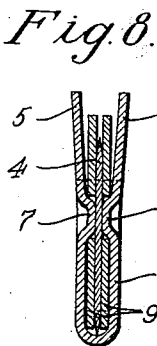
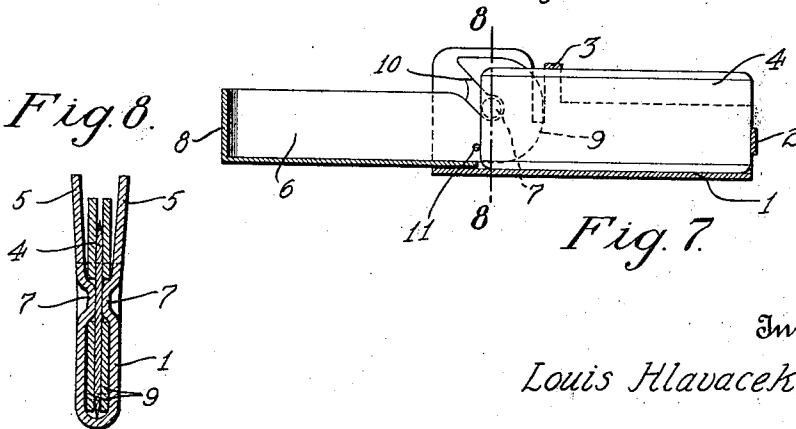
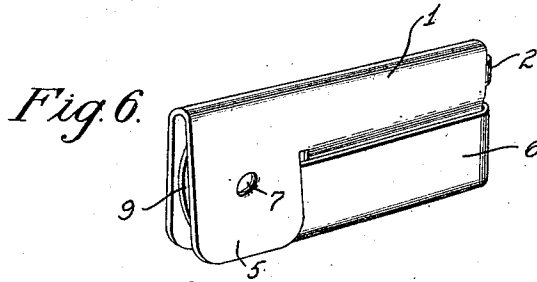


Fig. 5.



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UNITED STATES PATENT OFFICE.

LOUIS HLAVACEK, OF CHICAGO, ILLINOIS.

BLADE-HOLDING DEVICE.

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To all whom it may concern:

Be it known that I, LOUIS HLAVACEK, a citizen of the United States, residing at Chicago, Illinois, have invented certain new and useful Improvements in a Blade-Holding Device, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention comprises a blade holding device. In another aspect it may be considered a pocket knife, for when the blade is placed in the holder it has all the functions of a knife and is to be so considered. It is contemplated to provide a device of this character comprising two associated components, readily attached and detached from each other and each of which may be cut and stamped from a sheet of metal or any suitable material and folded along their central line to form the body of each component; wherein provision is made for holding a large variety of the safety razor and like blades now on the market and when placed in the holder means are provided for forcing the blade into position where it will be securely held in position; wherein a guard or shield is provided and is foldable on the holding element to provide a shield for the blade when the holder handle is in closed position; wherein the shield or handle may be detached from the holder element; and which will, in a word, constitute a simple and effective means for utilizing old safety razor blades which would otherwise be thrown away.

An embodiment of the invention is illustrated in the accompanying drawing, the following views being shown:

Fig. 1, is a view in side elevation of one form of the device, in open position;

Fig. 2, is a view in end elevation of the parts in the position shown in Fig. 1, and viewed from the right of that figure;

Fig. 3, is a view in longitudinal section of the parts in the position shown in Fig. 1;

Fig. 4, is a view in vertical section on line 4—4 of Fig. 1;

Fig. 5, is a view in top plan of the parts in the position shown in Fig. 1;

Fig. 6, is a view in perspective showing the parts in closed position;

Fig. 7, is a view in longitudinal section of a slightly modified form in open position; and

Fig. 8, is a view in vertical section of the same on line 8—8 of Fig. 7.

In these views 1 represents a holder component formed by bending a suitable piece of material along its central line to form a channeled member having spaced apart sides and connected at its front end by a strap 2. A similar strap 3 at its other end extends upwardly from the edges of the sides and constitutes a connection for the sides and a holder to limit and prevent a blade 4 from riding up and out of the holder when it has been slipped therein as shown in Fig. 1. Just beyond this strap 3, the sides are extended upwardly and these extended portions 5 constitute a bearing for a handle and guard element 6. Portions of these extensions are punched inwardly to constitute projections 7 which provide a pivot or fulcrum and bearing upon which the handle and guard component is swung into open and closed position.

The handle and guard component 6 comprises a piece of suitable material bent centrally to constitute spaced apart side members joined at one end by a folded over portion 8. These constitute a guard or shield for the blade when the parts are in the position shown in Fig. 6. For the purpose of having the sides in about the same plane when so closed, the upper edges of the sides of the holder are bent inwardly at their upper edges and this also insures resilient contact with the sides of a blade when inserted in the holder.

The other end of the handle is rounded to form a bearing surface 9 and the two sides are forced together at this point so that they will bear against a blade as shown in Figs. 1 and 3 and hold it in position within the holder. Means are provided for permitting removal of the handle from the holder so that a blade may be readily inserted in the holder and as here shown such means includes a slot 10 cut into the joined end portions of the sides, the angle being such that when the handle or guard portion is swung upwardly at an angle of about 45 degrees to the holder, the handle may be slipped downwardly and disconnected from the pivot points 7 upon which it is swung.

For certain types of blades which are longer than the ordinary varieties the form shown in Fig. 7 is provided. As here shown the bearing part or rounded portion 9 is formed with spaced apart portions of the sides 10 which permits a blade to pass back beyond the pivot points 7 as shown in Fig.

7. When this construction is used, there is provided a pin or rivet 11 which bears against the end of the blade when the handle is in open position and holds it against slipping back out of the holder.

5 From the foregoing it will be seen that the present invention provides a simple and economical structure which meets the objects above set forth. While it has been shown in the embodiment herein illustrated, it will be understood that I do not wish to be limited to the precise form of this disclosure, as many changes are contemplated as within the spirit of the invention and its scope as set forth in the claim.

15 What I claim is:

A blade holding device comprising a holder component formed from a piece of material bent centrally to constitute side portions, in spaced-apart relationship; a mem-

ber joining the sides at one end thereof; a member joining the edges of the side portions at another portion thereof and constituting a restraining element for a blade when inserted in the holder; a bearing and pivot for a handle formed on another portion of the holder component; and a handle and guard component formed from a piece of material folded to constitute spaced apart sides, pivotally and detachably associated with the holder and foldable over a portion thereof when in one position, and means for holding the blade securely in the holder, said means including a bearing member on the handle and adapted to bear against and force the blade into position in the holder when the handle is in open position.

In testimony whereof I affix my signature.

LOUIS HLAVACEK.