May 1, 1928.

1,667,867

J. MOSLEY

RAZOR BLADE STROPPER

Filed Aug. 28, 1926

Fig. 1.

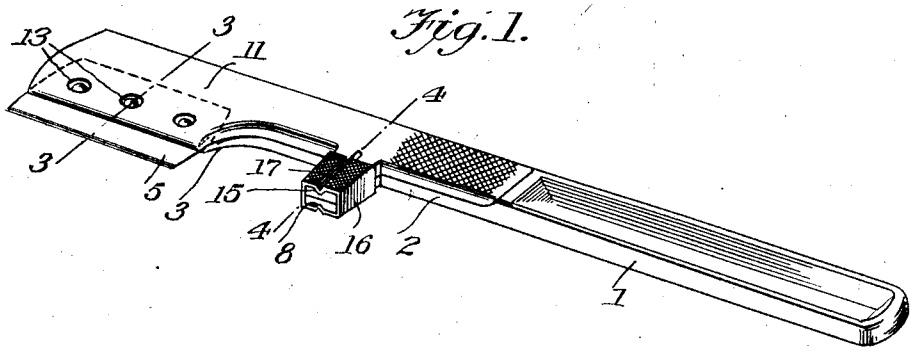


Fig. 2.

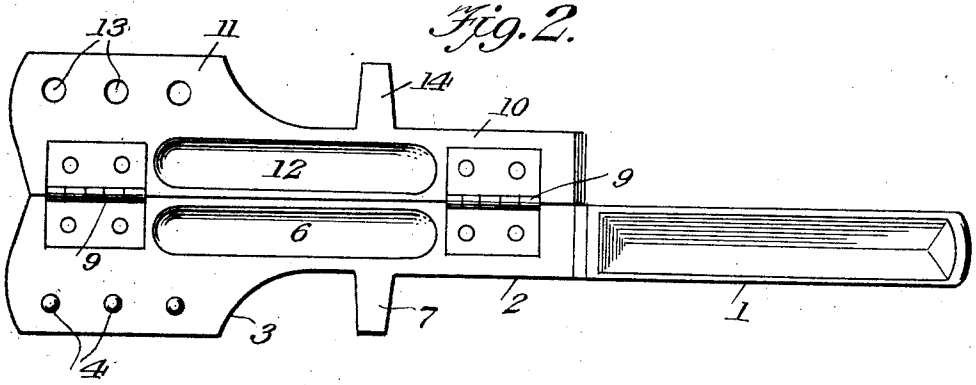


Fig. 3.

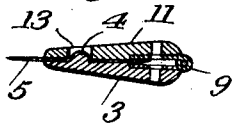


Fig. 5.

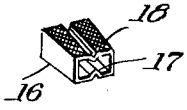
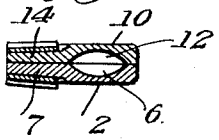


Fig. 4.



John Mosley
INVENTOR

BY Victor J. Evans
ATTORNEY

WITNESS:

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UNITED STATES PATENT OFFICE.

JOHN MOSLEY, OF PEORIA, ILLINOIS.

RAZOR-BLADE STROPPER.

Application filed August 28, 1926. Serial No. 132,161.

My present invention has reference to means for effectively clamping a razor blade to permit the stropping thereof in an easy and expeditious manner.

A further object is the provision of a handle member having an integral blade engaging jaw and a swingable jaw that also engages the blade, and in which the shank portions of each of the jaws has projecting wedge lugs designed for lapping engagement when the jaws are swung against each other, and wherein said fingers receive thereover a spring clamping socket member which binds the fingers together and consequently pulls the jaws in proper engagement with each other to effectively hold a razor blade therebetween.

To the attainment of the above broadly stated objects and others which will appear as the nature of the invention is better understood, the improvement consists in the invention hereinafter described and definitely claimed.

In the drawings:

Figure 1 is a perspective view of the improvement.

Figure 2 is a plan view thereof with the swingable jaw in open position.

Figure 3 is a transverse sectional view approximately on the line 3—3 of Figure 1.

Figure 4 is a sectional view on the line 4—4 of Figure 1.

Figure 5 is a perspective view of the spring clamping socket member.

As disclosed by the drawings I provide a handle 1 that has one of its faces cut away or otherwise reduced to form a shank extension 2 that merges into an outwardly extending portion that provides a jaw 3. The jaw on its inner flat face is provided with spaced aligning teats 4 that are received through the usual openings in a razor blade 5.

In order to add to the resiliency or flexibility of the shank 2, I form the same, on its inner face, with a longitudinal depression 6, and the said shank has on its outer edge a laterally extending finger 7 whose side walls merge toward each other and whose outer face is beveled inwardly, and formed with a central longitudinal groove 8. Thus the outer surface of the finger is wedge shaped.

Hingedly secured on the inner face of the shaft and the jaw extension thereof, as indicated by the numerals 9, there is a shank 10 whose outer edge is widened to provide the same with a jaw 11. The shank and a portion of the jaw has its inner face grooved longitudinally, as at 12, and the jaw portion of the shank 10 is provided with spaced openings 13 designed to receive the teats 4 therein when the shank and its jaw 11 is swung over the inner straight face of the shank 2 and its jaw 3. The shank 10 has on its outer edge a finger extension 14 whose inner face is flat or straight and whose sides and outer face are beveled and inclined inwardly to the outer end of the said finger. This finger has its outer face grooved longitudinally, as at 15, and the finger 14 is designed for lapping engagement with the finger 7 when the jaw carrying shank 10 is swung over the jaw carrying shank 2.

In order to effectively and securely lock the razor blade 5 between the jaws I pass over the wedge fingers 7 and 14 a spring socket member or clip 16. This clip has a wedge shaped bore, complemental to the wedge shaped fingers and has its sides grooved longitudinally to provide inwardly extending lugs 17 that are received in the grooves in the outer faces of the fingers. The opposite sides of the socket member or clip 16 are milled, as at 18, whereby the member 16 may be readily inserted over the fingers for locking the jaws together, or rather holding the jaws in locked position, and for removing the said member from the fingers when the razor blade is to be removed from between the jaws or a blade is to be arranged between said jaws.

The fingers 7 and 14 further combine with each other, when the jaws are arranged in closed position, to provide a rest for the fingers of the user whereby to better control the handle during the honing and stopping action.

My improvement is of a very simple construction, but it will be apparent that razor blades may be effectively and firmly engaged between the jaws thereof so that such blades may be stropped in an easy and expeditious manner.

Having described the invention, I claim:—

1. A device for holding a safety razor blade for the stropping thereof, comprising a member having a shank extension that merges into a jaw, means on the jaw for engaging with a razor blade, said shank having its outer edge provided with a laterally

projecting finger whose sides and outer face are beveled inwardly and the said outer face grooved longitudinally, a second shank having a blade engaging jaw hingedly secured to the first mentioned shank and having its outer edge formed with a laterally extending finger, said finger having its sides and outer face beveled inwardly and its said outer face grooved longitudinally, and a spring socket member of wedge-shaped formation and having inner longitudinally extending lugs designed to be inserted over the fingers for frictional engagement therewith when the fingers are in lapping relation.

2. In combination, a pair of jaws hingedly connected along one side and adapted to have their faces closed against each other, one of said jaws having openings formed therein registering with similar openings in a razor blade, teats formed on the face of the other jaw and adapted to be inserted through the razor blade openings and into the openings of the other jaw whereby to receive the blades between the jaws, shanks of reduced area extending from the jaws and forming a handle therefor, one of said shanks terminating short of the other shank with the end of said longer shank of an increased thickness so as to maintain a uniform size throughout the handle, a tapering laterally extending finger formed on each shank and arranged adjacent each other with the jaws in closed position, said fingers having longitudinally extending grooves on the opposite faces thereof, and a tubular clip formed complementary with the tapering formation of the fingers having ribs formed inwardly thereof and adapted to slidably fit upon said fingers with the ribs seating in said grooves and frictionally engaging the fingers whereby to retain the same in closed position.

In testimony whereof I affix my signature.

JOHN MOSLEY.