

No. 837,748.

PATENTED DEC. 4, 1906.

M. R. STAPP.
RAZOR HOLDER.

APPLICATION FILED MAR. 7, 1906.

Fig. 1.

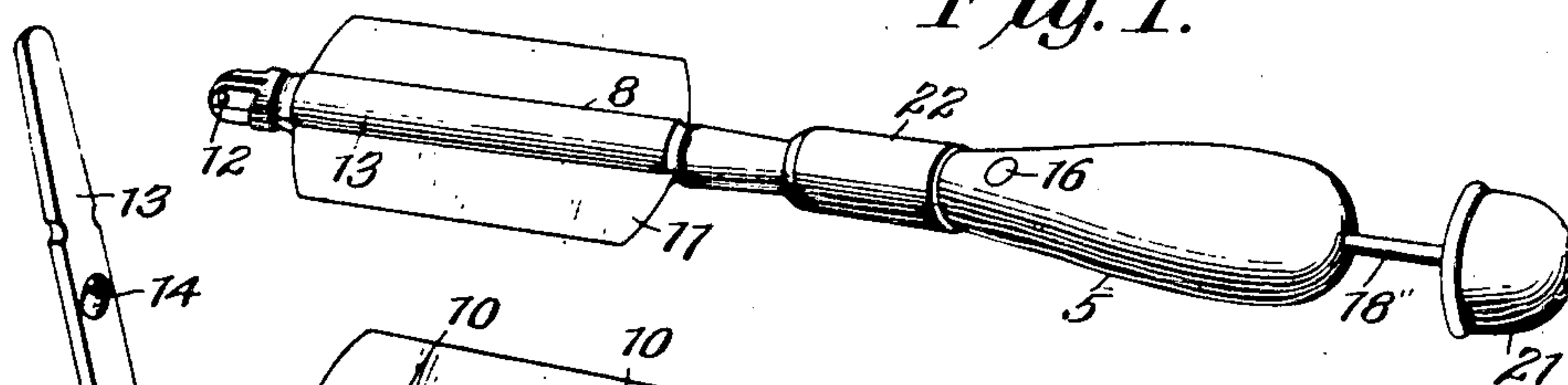


Fig. 2.

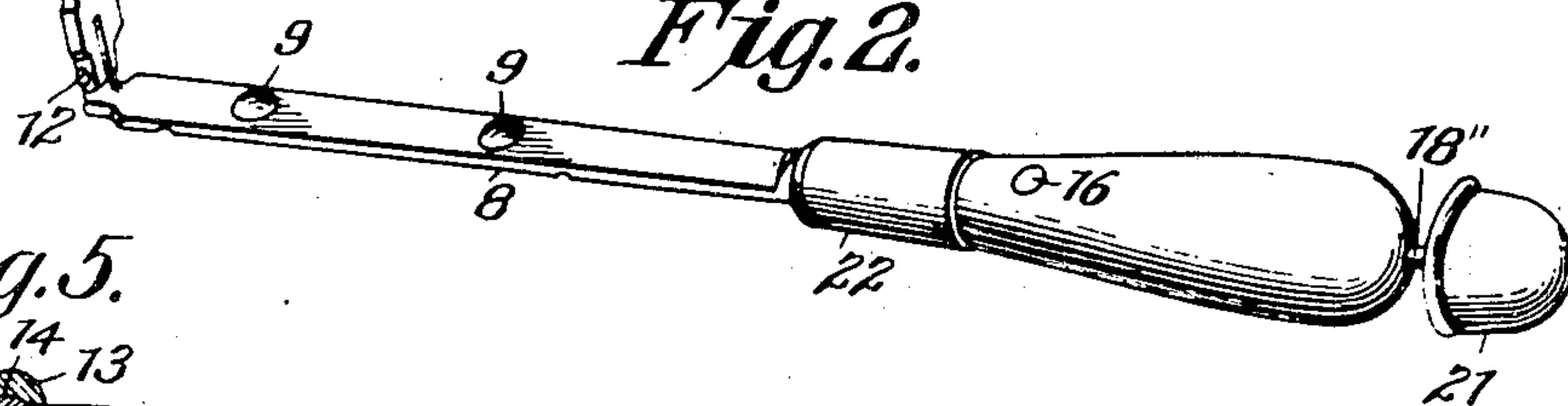


Fig. 5.

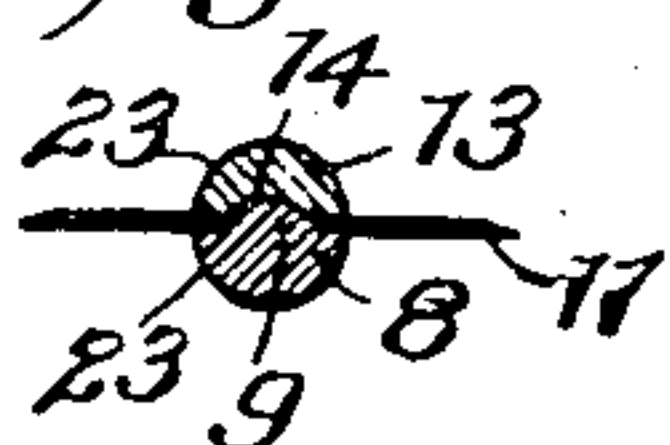


Fig. 3.

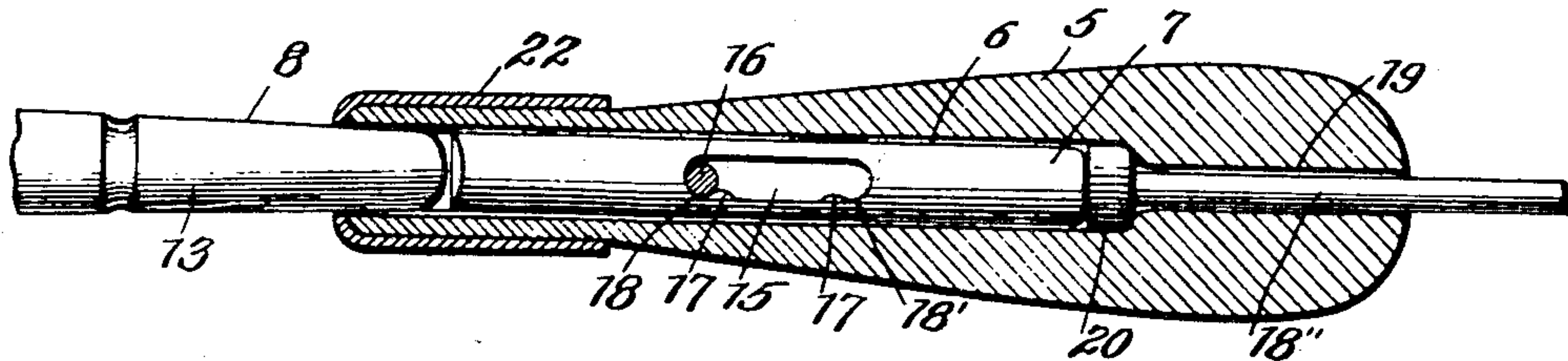
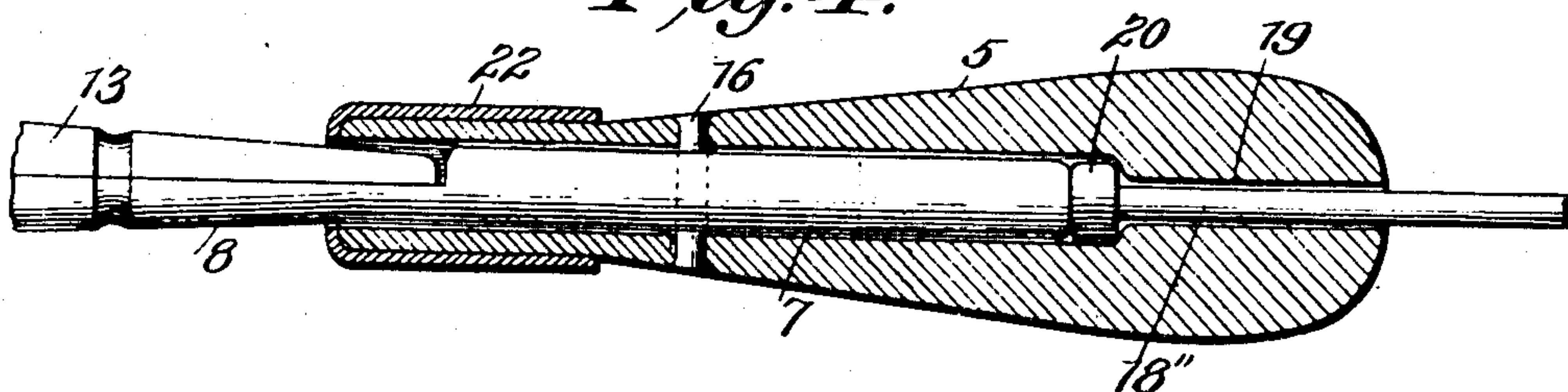


Fig. 4.



WITNESSES.

E. J. Stewart
L. A. Parker

Milo R. Stapp,
INVENTOR.

By *Chas. H. Lee*
ATTORNEYS

UNITED STATES PATENT OFFICE.

MILO R. STAPP, OF ABERDEEN, WASHINGTON.

RAZOR-HOLDER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, MILO R. STAPP, a citizen of the United States, residing at Aberdeen, in the county of Chehalis and State of Washington, have invented a new and useful Razor-Holder, of which the following is a specification.

This invention relates to devices for holding razor-blades while honing, stropping, or otherwise sharpening the same, and more particularly to a holder especially designed for supporting the cutting-blades of the "Gillette" safety-razor.

The object of the invention is to provide a holder having a pair of clamping members adapted to receive and support a razor-blade and means for moving the clamping members longitudinally of the supporting-handle to release the blade.

A further object is to provide the clamping members with curved or convex faces to permit free tilting movement of the blade during the honing or stropping operation, and, further, to provide a swivel button or handpiece for moving one of the clamping members to release position.

A still further object of the invention is to provide means for locking the clamping members in operative and inoperative positions.

With these and other objects in view the invention consists in the construction and novel combination and arrangement of parts hereinafter fully described; and illustrated in the accompanying drawings, it being understood that various changes in form, proportions, and minor details of construction may be resorted to within the scope of the appended claims.

In the accompanying drawings, forming a part of this specification, Figure 1 is a perspective view of a blade-holder constructed in accordance with my invention, showing an ordinary Gillette razor-blade clamped in position thereon. Fig. 2 is a similar view showing the clamping members released and the blade detached. Fig. 3 is a longitudinal sectional view of the supporting-handle. Fig. 4 is a similar view taken on a line at right angles to the longitudinal plane of Fig. 3. Fig. 5 is a transverse sectional view.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

The improved holder consists of a supporting-handle 5, provided with a longitudinal

bore 6, in which is seated the shank 7 of a longitudinally-movable clamping member 8. The clamping member 8 is provided with one or more projections or studs 9, adapted to enter the openings 10 in an ordinary Gillette razor-blade, (indicated at 11,) and pivoted at 12 to the free end of the clamping member 8 is a pivotal clamping member 13, having its active face provided with spaced depressions or sockets 14 for the reception of the projections 9.

The shank 7 is formed with a longitudinal slot or recess 15, through which extends a transverse pin or rivet 16, adapted to engage the end walls of the slot for limiting the longitudinal movement of the clamping members. The lower wall of the slot 15 is formed with one or more projections 17, defining locking-recesses 18 and 18', so that when the shank 7 is moved longitudinally of the handle the pin or rivet 16 will engage said recesses, and thereby lock the clamping members in operative or inoperative position.

Mounted for longitudinal and rotary movement in the end of the handle 5 is a swivel-handpiece, the stem 18 of which is seated in an opening or bore 19, communicating with the bore 6 and provided with an enlarged head 20, adapted to bear against and move the shank 7 longitudinally of the handle when the terminal knob or button 21 is pressed inwardly. It will thus be seen that when a longitudinal pressure is exerted on the button 21 the clamping members will be projected beyond the sleeve or collar 22 to released position, thereby permitting the movable member 13 to be swung laterally on its pivotal connection to release the blade.

The exposed walls of the clamping members 8 and 13 are preferably curved or convex, as indicated at 23, so as to permit free tilting movement of the blade 11 when stropping or honing the same.

In operation the razor-blade is placed in position on the projecting lugs of the member 8 and the movable member 13 swung downwardly in contact therewith, after which the members are moved longitudinally of the handle until the pin 16 engages the recess 18, thereby locking said members in closed or operative position. To release the blade, the handle is grasped in the fingers and an inward pressure exerted on the button 21 with the palm of the hand, which causes the head 20 to engage and project the clamping members beyond the collar 22, and

in which position the movable member 13 may be readily swung laterally to release the blade.

In sharpening the razor-blade the latter is placed on the strap or hone with the curved or convex surface of the adjacent clamping member bearing against the same. The handle is then grasped in the fingers with the button engaging the palm of the hand and the holder moved back and forth over the hone or strop in the usual manner. The button 21 permits free rotation of the handle on the stem 18, while the curved or convex faces of the clamping members permits the opposite edges of the razor-blade to be alternately tilted in contact with the strop or hone during the sharpening operation.

Having thus described the invention, what is claimed is—

1. An implement embodying a handle, clamping members adapted to receive a cutting-blade and having their outer ends pivotally united and their inner ends carried by and movable longitudinally of the handle, and means for projecting the clamping members to release one of them.

2. An implement embodying a handle, clamping members adapted to receive a cutting-blade, and having their outer ends pivotally united and their inner ends carried by the handle, means for projecting the clamping members to release one of them, and means for locking said members in operative and inoperative position.

3. An implement embodying a handle, clamping members provided with interfitting parts and adapted to engage and support a cutting-blade, said members having their inner ends disposed within the handle, and means for projecting the clamping members to thereby release one of them.

4. An implement embodying a handle, clamping members adapted to receive a cutting-blade and having convex bearing-surfaces and members having their outer ends pivotally united and their inner ends carried by the handle, and means operating within the handle for projecting the clamping members to release one of them.

5. An implement embodying a handle, clamping members having their outer ends pivotally united and their inner ends carried

by the handle, one of said members being provided with a shank mounted for longitudinal movement within the handle, and a handpiece adapted to engage the shank for projecting the clamping members to release one of them.

6. An implement embodying a handle, a plurality of clamping members one of which is provided with a slotted shank mounted for longitudinal movement in the handle, a pin extending transversely of the handle and adapted to engage the walls of the slot for limiting the longitudinal movement of the shank, and a handpiece carried by the handle and adapted to engage the adjacent end of the shank for projecting the clamping members and releasing one of them.

7. An implement embodying a handle, a plurality of clamping members one of which is provided with a shank mounted for longitudinal movement in the handle, a slot formed in the shank and having its walls provided with locking-recesses, a handpiece mounted for longitudinal and rotary movement in the handle and adapted to engage the adjacent end of the shank for releasing one of the clamping members, and a pin extending transversely through the handle and slot and adapted to engage the recesses for locking the clamping member in operative and inoperative positions.

8. An implement embodying a handle provided with a longitudinal bore having a reduced bore communicating therewith, a clamping member having a slotted shank seated in the longitudinal bore, a second clamping member pivoted to the first member, a transverse pin carried by the handle and adapted to engage the walls of the slot, and a stem mounted for longitudinal and rotary movement within the reduced bore and provided at one end thereof with an enlarged head fitting within the longitudinal bore and engaging the shank, the opposite end of said stem being provided with a handpiece.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

MILO R. STAPP.

Witnesses:

PHIL. S. LOCKE,
S. K. BOMES.