

No. 834,022.

PATENTED OCT. 23, 1906.

H. S. PHILLIPS.
RAZOR BLADE HOLDER.
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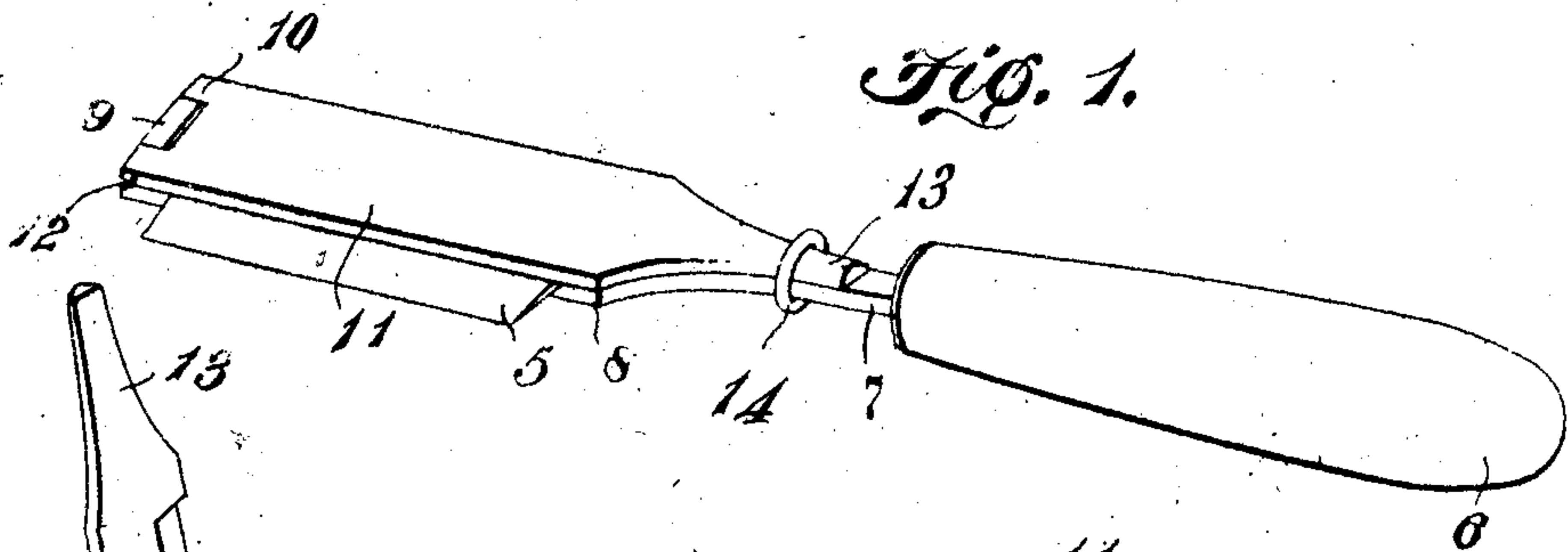


Fig. 1.

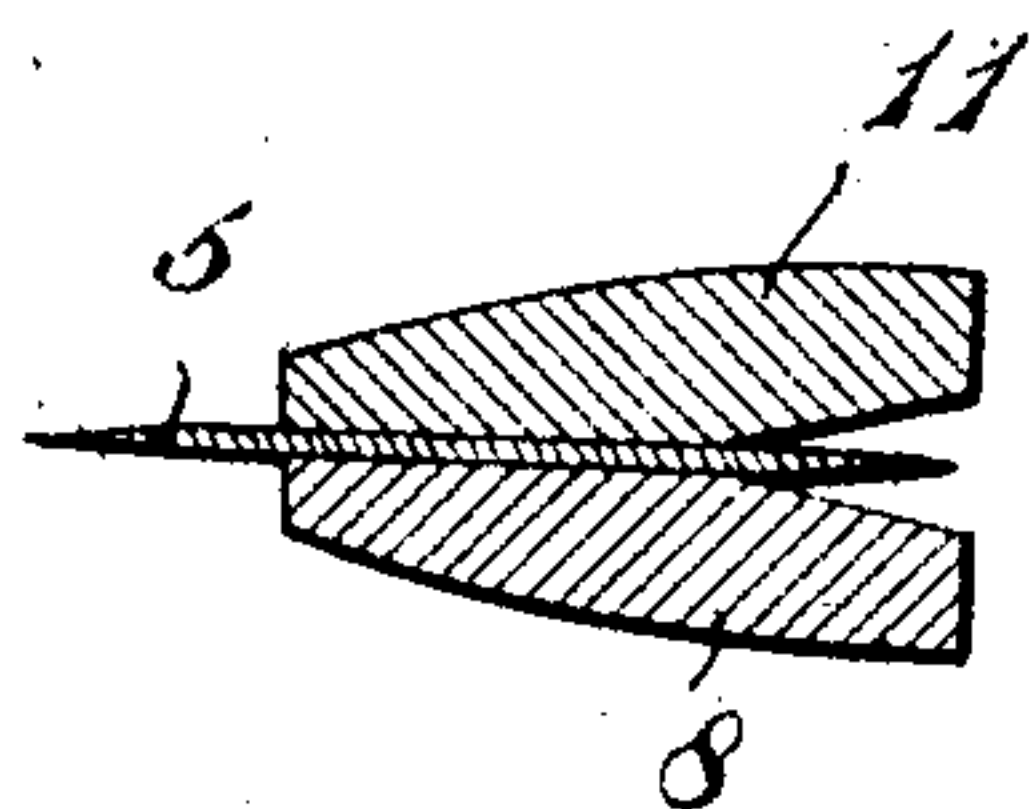


Fig. 4.

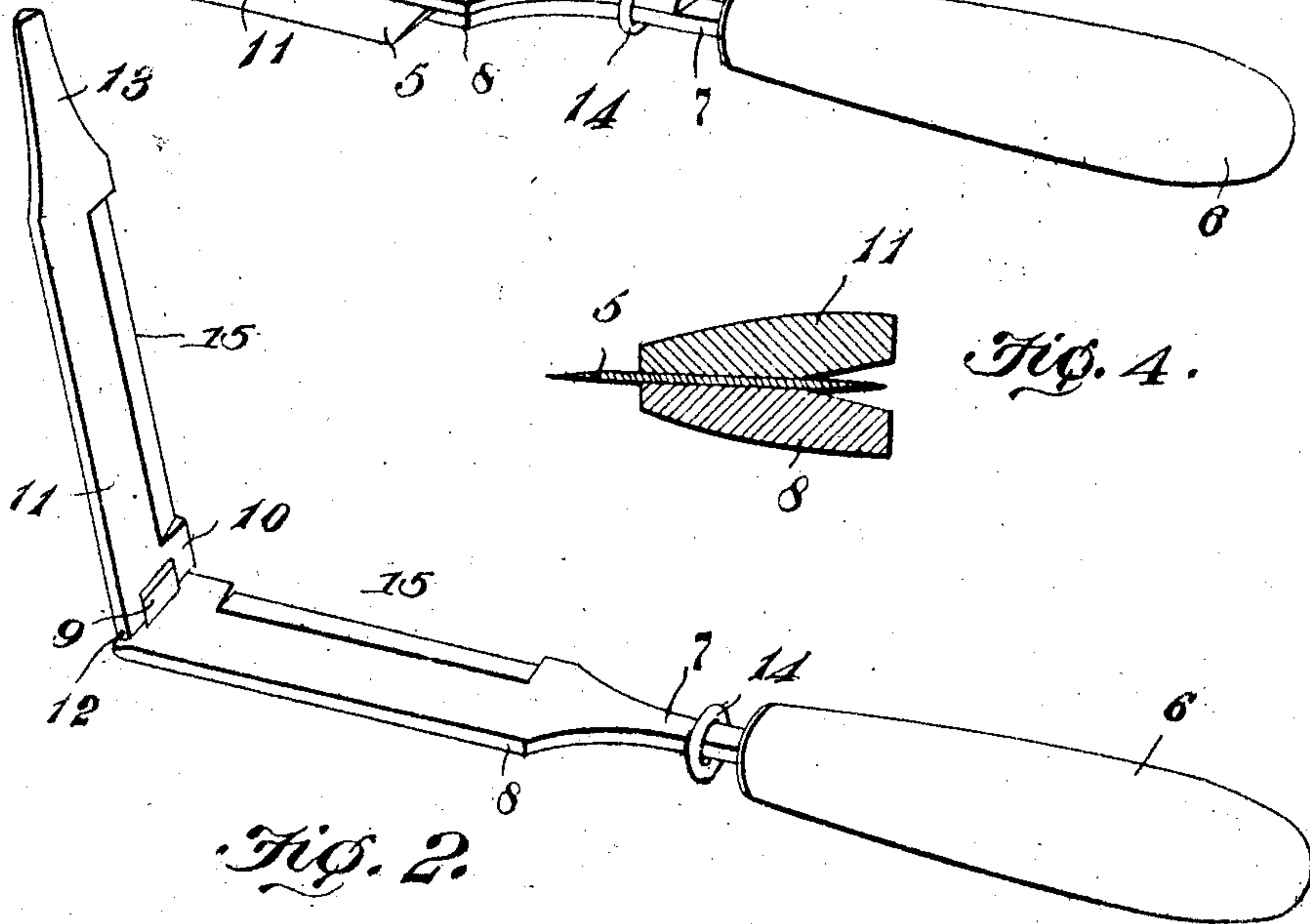


Fig. 2.

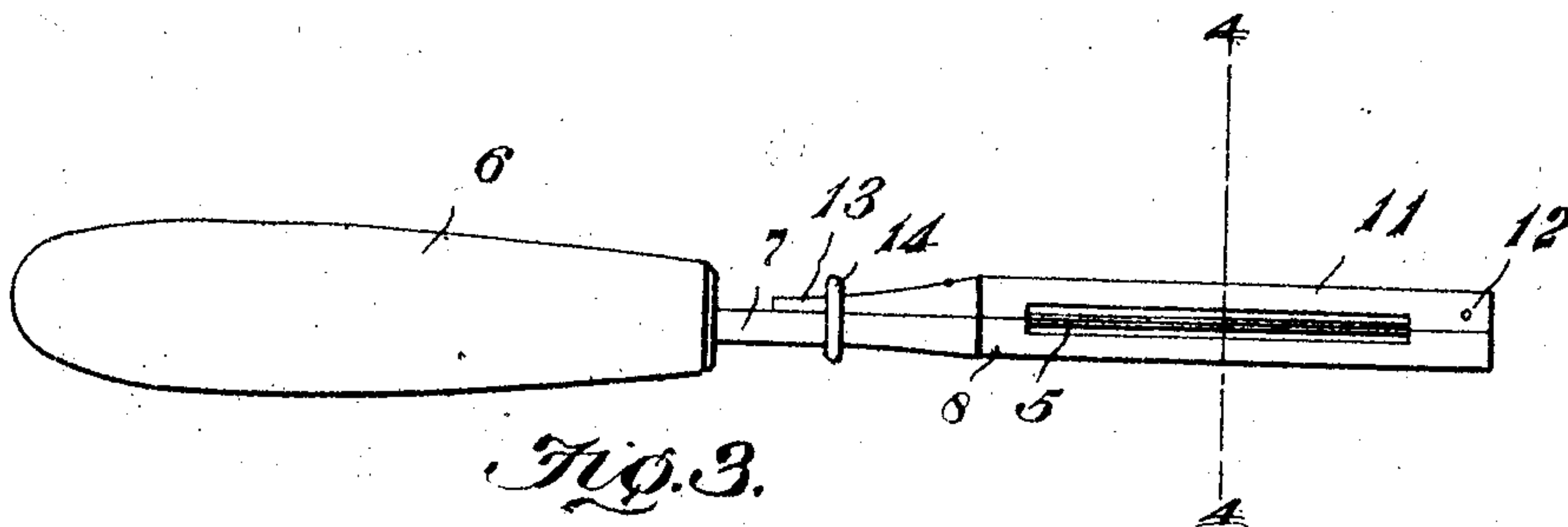


Fig. 3.

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RAZOR-BLADE HOLDER.

No. 834,022.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HAROLD S. PHILLIPS, a citizen of the United States, residing at Meadville, in the county of Crawford and State of Pennsylvania, have invented a new and useful Razor-Blade 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" and similar safety-razors.

The object of the invention is to provide a holder having relatively stationary and movable clamping members the adjacent faces of which are formed with longitudinal grooves or recesses adapted to receive and protect one cutting edge of the razor-blade while the opposite edge thereof is being honed or otherwise sharpened.

A still further object of the invention is to generally improve this class of device, so as to add to their utility and durability, as well as to reduce the cost of manufacture.

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 rear elevation of the holder, and Fig. 4 is a transverse sectional view taken on the line 4-4 of Fig. 3.

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

The holder is principally designed for sharpening or honing the razor-blades having oppositely-disposed cutting edges and, by way of illustration, is shown supporting an ordinary Gillette blade, (indicated at 5.)

The device consists of a supporting-handle 6, to which is secured in any suitable manner

the reduced shanks 7 of a stationary clamping member 8. Secured to the free end of the clamping member 8 is a vertical lug or extension 9, adapted to receive the bifurcated end 10 of a movable clamping member 11, said members being pivotally united in any suitable manner, as by a pin 12 passing through the bifurcated end of the member 11 and engaging the extension 9, as shown.

The free end of the clamping member 7 is provided with a reduced extension or shank 13, the side walls of which are inclined or beveled to correspond to the inclination of the shank 7, and slidingly mounted on the shank 7 is a clamping-ring 14, adapted to engage the inclined walls of the shanks 7 and 13 for locking the movable clamping member in engagement with the blade 5.

Formed in the adjacent faces of the clamping members 8 and 11 are longitudinal grooves or recesses 15, which extend through the adjacent longitudinal edges of said members and serve to center and protect one cutting edge of the blade 5 while the opposite edge thereof is being honed or otherwise sharpened.

In operation the blade is placed in position on the stationary member 8, with one cutting edge thereof disposed within the groove 15, after which the movable member 11 is swung downwardly in contact with the blade, and said member is secured in locked position by sliding the clamping-ring 14 longitudinally of the shanks 7 and 13. In sharpening the razor-blade the latter is placed on the hone or strap with the free or exposed cutting edge of the blade bearing on the same and the holder moving back and forth over the strap in the usual manner. To release the blade, it is merely necessary to slide the clamping-ring rearwardly, when the movable clamping member will be released thereby, permitting the latter to be swung upwardly to inoperative position and the blade detached.

Attention is called to the fact that the free end of the shank 13 terminates short of the adjacent end of the handle 6, so as to permit the clamping-ring when moved to operative position to rest on the shank 7, and thus allow the movable member to be moved to open position.

While the holder is principally designed for sharpening razor-blades having double cutting edges, it is obvious that the same may

be used for sharpening blades having a single cutting edge, the result accomplished being the same in both cases.

Having thus described the invention, what is claimed is—

1. An implement embodying a handle, and clamping members carried by the handle and adapted to receive a cutting-blade, said members having their adjacent faces provided with coincident longitudinal recesses for the reception of one edge of the blade.

2. An implement embodying a handle, and stationary and movable clamping members carried by the handle, said members being each provided with a recess disposed at one longitudinal edge thereof for the reception of one edge of a cutting-blade.

3. An implement embodying a handle, a stationary member secured to the handle and provided with a reduced shank, a movable clamping member pivoted to the stationary clamping member and adapted to engage a cutting-blade, said clamping members being each provided at one longitudinal edge thereof with a recess for the reception of one edge of the cutting-blade, a clamping-ring slidably mounted on the shank and adapted to engage the clamping member for locking the same in operative position.

4. An implement embodying a handle, a stationary member carried by the handle and provided with a reduced shank, a movable clamping member pivoted to the stationary member and having one end thereof reduced and terminating short of the handle, said clamping members being adapted to engage a cutting-blade and having their adjacent

faces provided with longitudinal recesses for the reception of one edge of the blade, and a clamping-ring slidably mounted on the shank of the stationary member and adapted to engage the movable member for locking the latter into engagement with said blade.

5. An implement embodying a handle, a stationary member secured to the handle and having its free end provided with a laterally-extended lug, a movable clamping member pivoted to the stationary clamping member and having one end thereof bifurcated for the reception of the lug, means slidably mounted on the stationary member and adapted to engage the movable member for locking the latter in engagement with a cutting-blade, said members being provided at one longitudinal edge thereof with coincident recesses adapted to receive one edge of the cutting-blade.

6. An implement embodying a pair of clamping members adapted to receive a doubled edge cutting-blade, said members having their adjacent faces provided with longitudinal recesses adapted to receive one cutting edge of the blade for centering the same with respect to the walls of said recesses, and means for locking the clamping members in operative position.

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

HAROLD S. PHILLIPS.

Witnesses:

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