

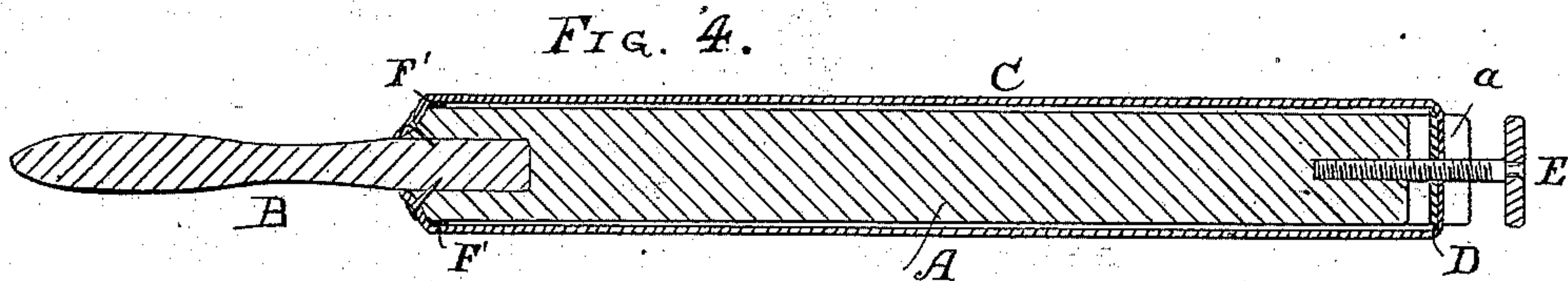
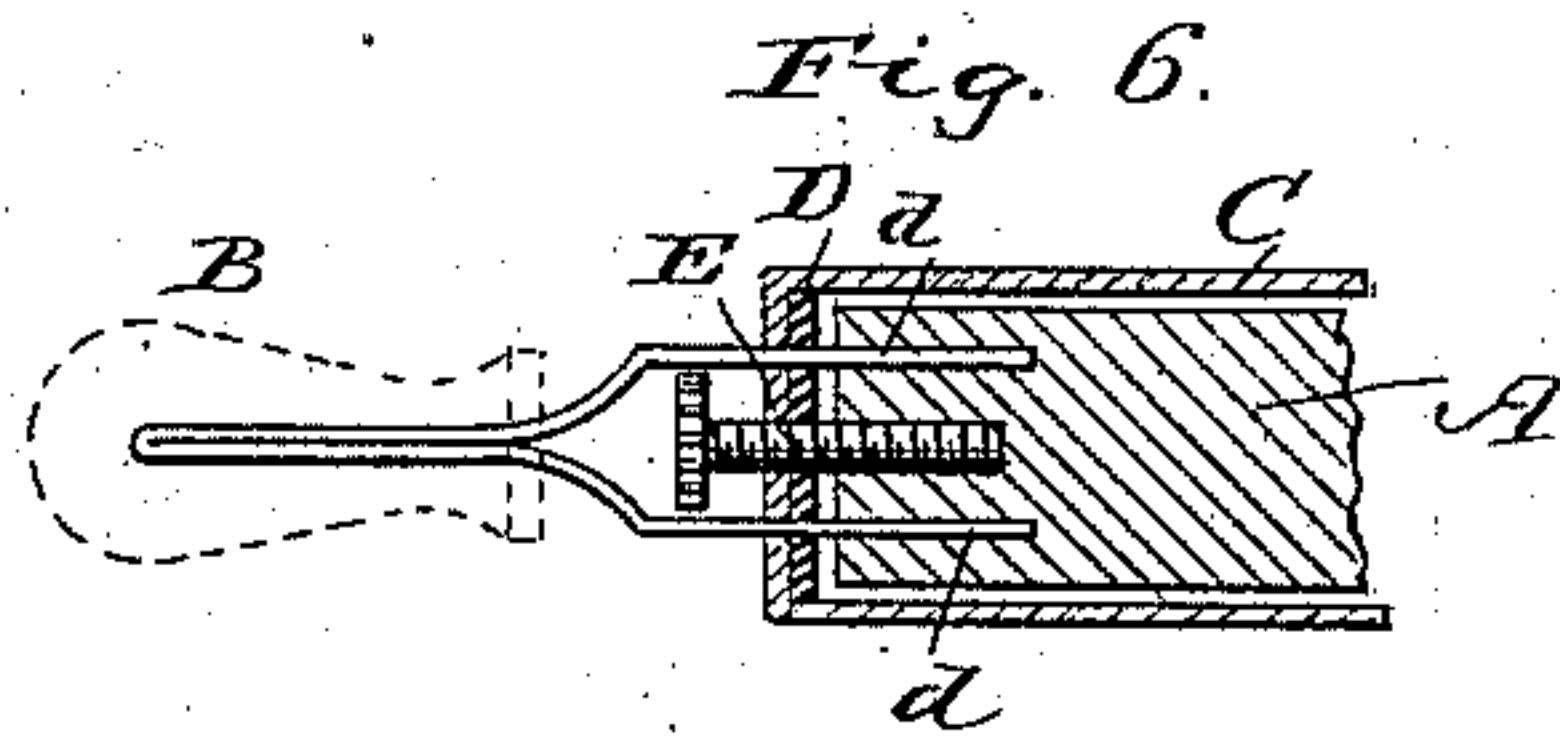
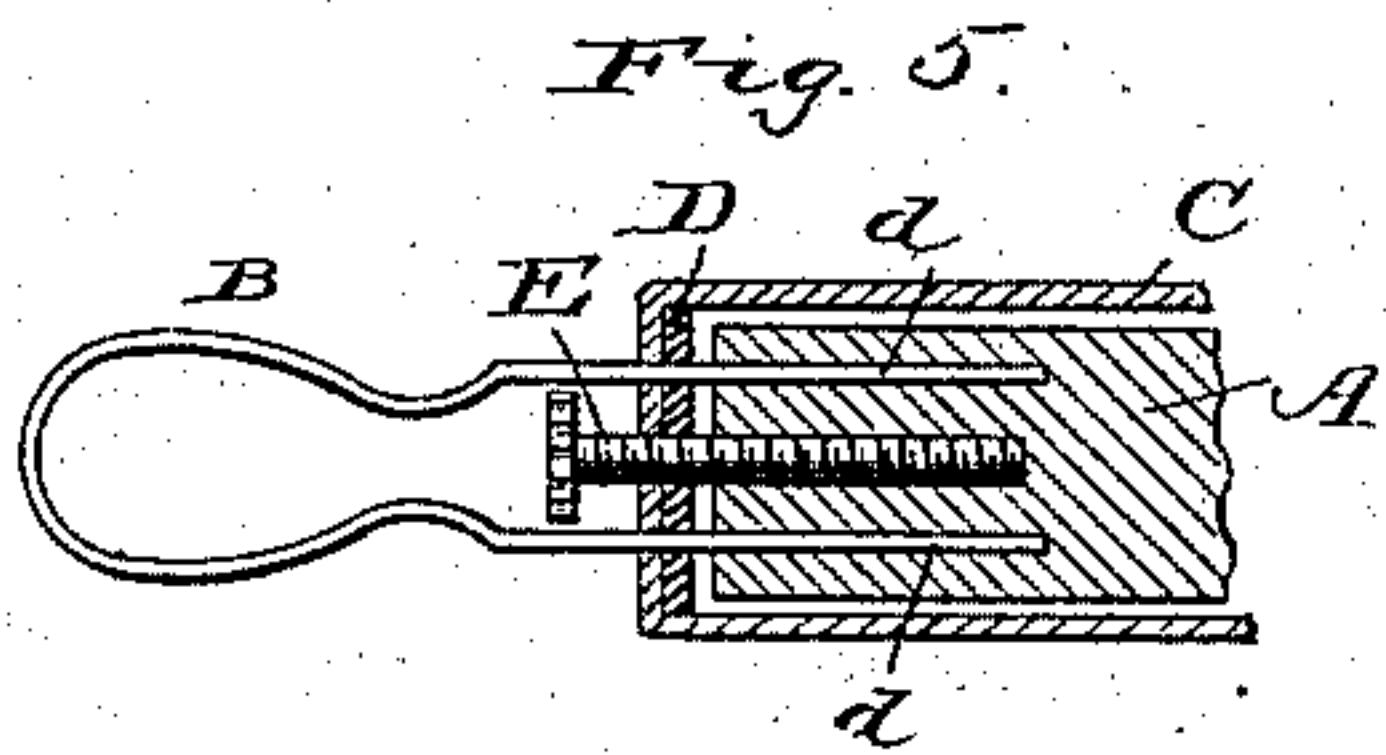
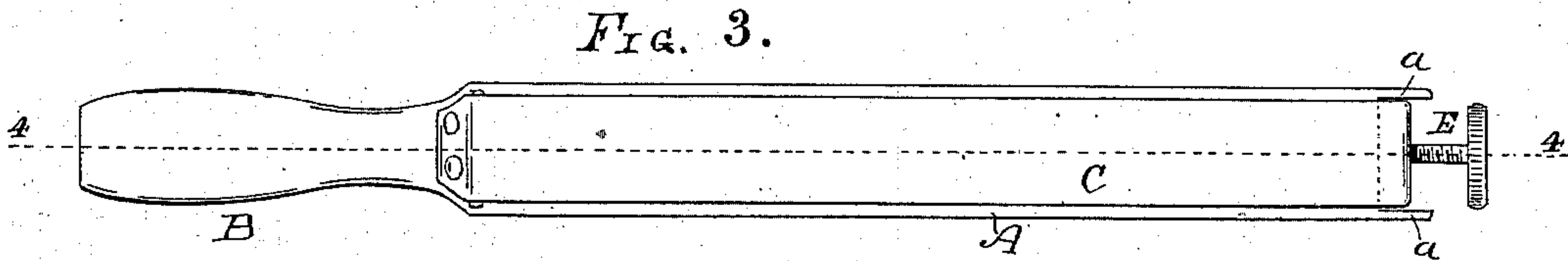
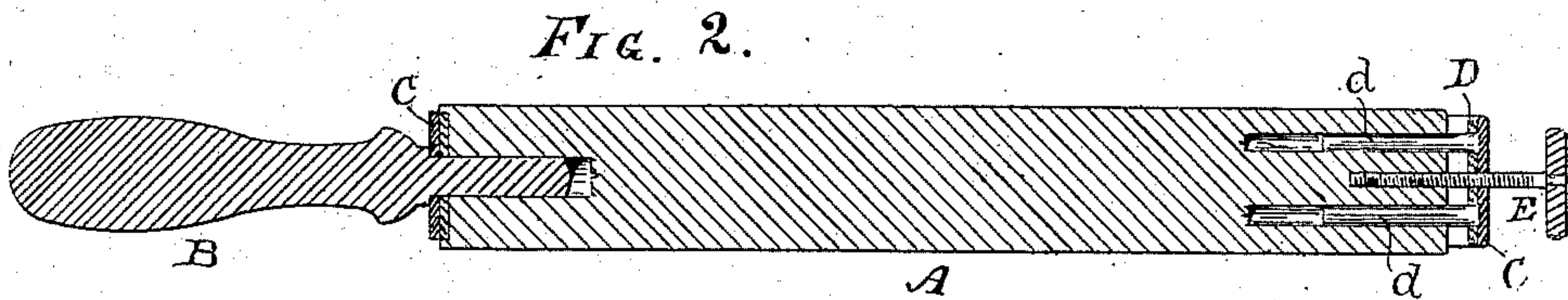
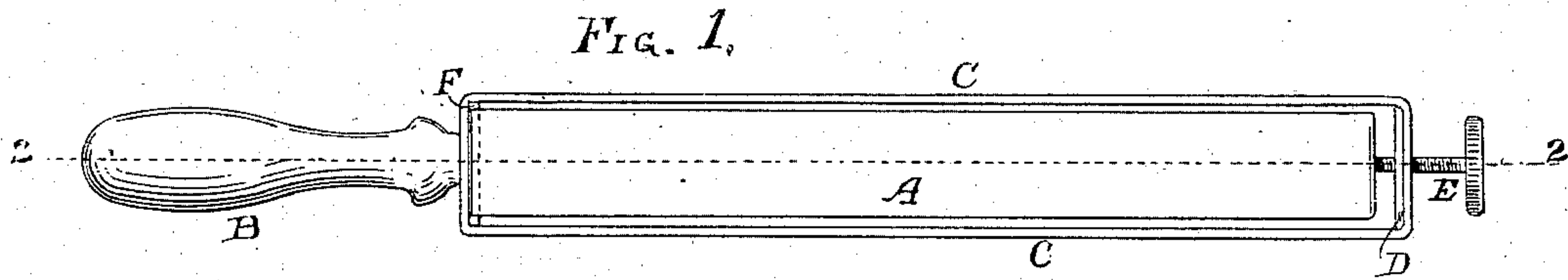
(No Model.)

J. A. WILSON.

RAZOR STROP.

No. 288,389.

Patented Nov. 13, 1883.



WITNESSES,  
Robert Everett,  
H. A. Low

INVENTOR,  
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by Henry Calver, Atty.



# UNITED STATES PATENT OFFICE.

JOHN A. WILSON, OF SPENCER, ASSIGNOR TO JOSEPH R. TORREY, OF  
WORCESTER, MASSACHUSETTS.

## RAZOR-STROP.

SPECIFICATION forming part of Letters Patent No. 288,389, dated November 13, 1883.

Application filed October 1, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN A. WILSON, a citizen of the United States, residing at Spencer, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Razor-Strops, of which the following is a specification, reference being had therein to the accompanying drawings.

10 In razor-strops having extensible stopping-belts, heretofore generally in use, the shank of the handle of the strop is screw-threaded, and passes loosely into a hole formed in the end of the body or rigid portion of the strop, and a tightening block or plate for the stop-  
15 ping-belt is provided with a threaded hole fitting the threaded shank of the handle. By turning the handle the tightening block or plate may be brought into proper position to  
20 hold the stopping-belt sufficiently tight to serve its intended purpose; but in using a strop of this construction there is a tendency of the handle to turn in the hand of the user, thus changing the adjustment of the tightening  
25 block or plate. Moreover, the handle affords such a leverage that in tightening the belt the latter is liable to be unduly stretched, thus causing it to curl or otherwise to become un-  
30 even, the object of the tightening block or plate being merely to hold the belt taut, and not to stretch it; also, in some instances the strain put on the belt is so great as to tear or break it, and the strain on the threads of the screw and tightening-plate frequently causes  
35 these parts to give out before they should.

The object of my invention is to obviate the existing objections to razor-strops of the kind above referred to. I accomplish this object by securing the handle to one end of the rigid  
40 portion or body of the strop, and providing proper means, independent of the handle, for tightening the stopping-belt.

In the accompanying drawings, in which like letters indicate similar parts in the sev-  
45 eral figures, Figure 1 is a side view of a razor-strop embodying my invention. Fig. 2 is a central longitudinal section of the same. Figs. 3 and 4 are views, similar to Figs. 1 and 2, of a modified form of my invention; and Figs. 5  
50 and 6 represent other modification thereof.

A indicates the rigid body of the strop, and B the handle thereof, said handle being formed integral with the body A, or secured thereto in any suitable manner.

C is the stopping-belt, which is fastened to the body A at the handle end thereof. In the construction shown by Figs. 1 and 2 the shank of the handle B passes through the belt, and thus secures it in place, while in the form of my invention shown by Figs. 3 and 4 the belt  
55 is preferably fastened to the handle end of the body A by tacks or other suitable means.

D is the tightening-plate for the stopping-belt, said plate being provided at or near its center with a threaded hole for the passage of the threaded shank of the adjusting thumb-  
60 screw E. To prevent the rotation of said plate with said screw, the former may be provided with rigid pins or rods *d*, entering holes in the end of the body A of the strop, as shown in Fig. 2; or the body A may be provided with  
65 projecting lips *a*, as shown in Figs. 3 and 4, between which lips said plate will have a limited movement lengthwise of the strop. The belt C is held clear of the body A by the  
70 projecting ends of the tightening-plate D and a bridge-piece, F, or transverse ribs F', secured to the handle end of the body A.

The parts being arranged as shown in the drawings, with the shank of the screw E loosely entering a hole in the end of the body A, it is obvious that by turning said screw in the proper direction it will pass through the threaded hole in the tightening-plate D, into the hole in the end of the body A, until the end of said screw reaches the bottom or end of the latter hole, when a continued rotation of the screw in the same direction will force the tightening-plate outward away from the body A and against the stopping-belt C, thereby tightening said belt to a proper tension for use. As the screw E affords but little purchase there is no danger of overstraining or breaking the stopping-belt in tightening the same, or of injuring the threads of the screw or tightening-plate. Moreover, as the screw is removed from and is thus quite independent of the handle of the strop, the proper tension of the belt will not be disturbed by handling the strop when in use.



In the form of my invention shown by Figs. 5 and 6 the adjusting-screw E is arranged at the handle end of the strop, but is formed independently of the handle. In the construction shown by Fig. 5 the handle consists of a bent wire, which is a continuation of the rods *d*, entering the body A, and serving to prevent the rotation of the tightening-plate D with the adjusting-screw. In Fig. 6 the wire forming the rods *d* is shown as being bent into suitable form to constitute a shank, to which a wooden or other handle may be attached.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination, in a razor-strop, of a rigid body provided with a handle, a stopping-belt, a tightening-plate for said belt, and an adjusting-screw for said plate, formed independent of said handle, substantially as described.

2. The combination, in a razor-strop, of a rigid body provided at one end with a handle, a stopping-belt, a tightening-plate for said belt, and an adjusting-screw for said plate, formed independent of said handle, said screw and plate being arranged at the end of said body opposite to the said handle, substantially as set forth.

3. The combination, in a razor-strop, of a

rigid body provided at one end with a handle, a stopping-belt, a tightening-plate for said belt, an adjusting-screw for said plate, formed independent of said handle, said screw and plate being arranged at the end of said body opposite to the said handle, and means for preventing said plate from turning with said screw, substantially as described.

4. The combination, in a razor-strop, of a rigid body having a handle permanently attached to one end thereof, a stopping-belt secured to said body at the handle end, a tightening-plate for said belt, and an adjusting-screw for said plate, formed independent of said handle, substantially as set forth.

5. The combination, with the body A, having the handle B at one end thereof, of the stopping-belt C, the tightening-plate D, provided with the rods or pins *d*, and the adjusting thumb-screw E, said plate and screw being arranged at the end of said body opposite to the said handle, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN A. WILSON.

Witnesses:

CH. J. HALE,  
FRANK S. HALE.