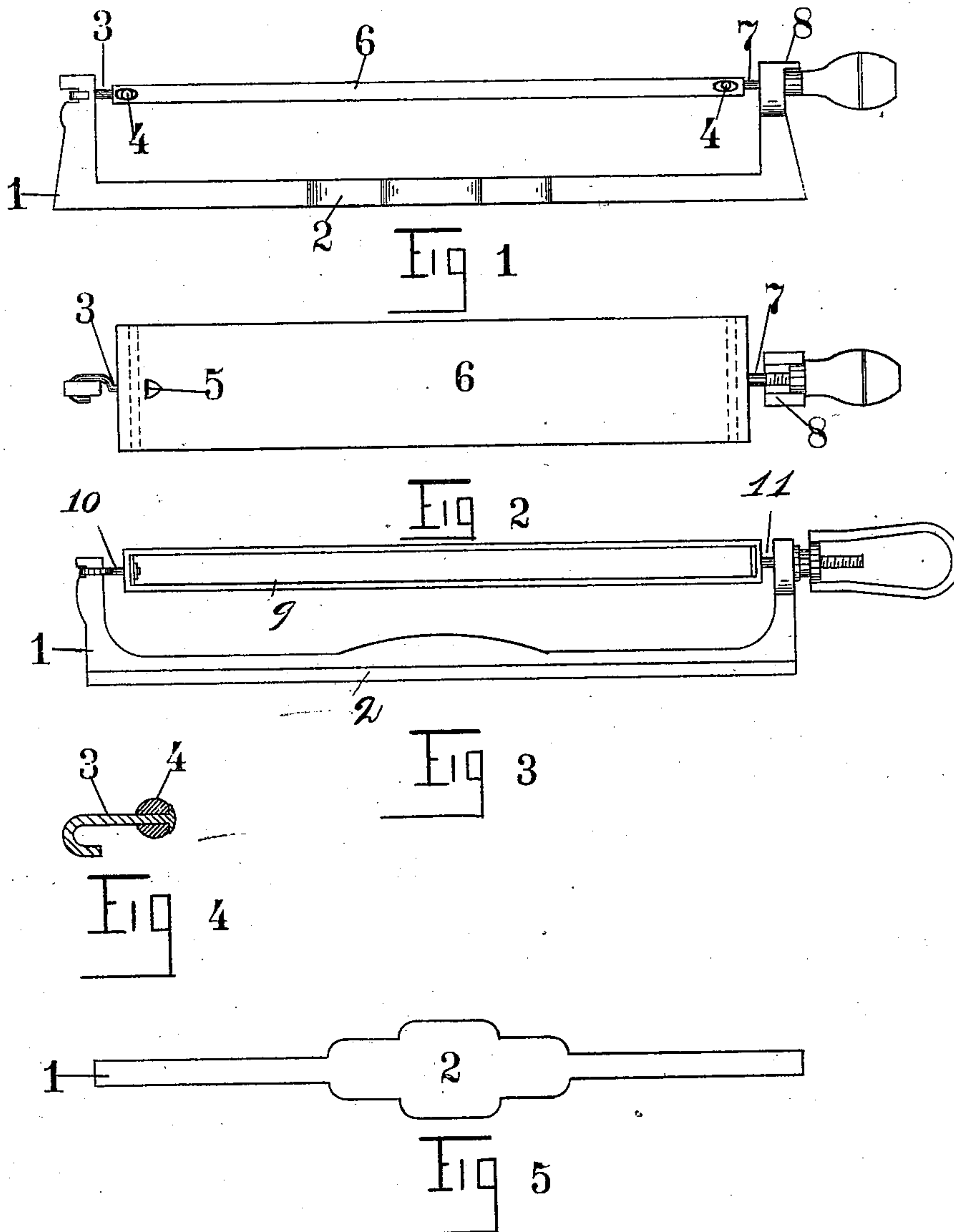


(No Model.)

J. J. DOYLE.
RAZOR STROP.

No. 561,258.

Patented June 2, 1896.



WITNESSES:
J. F. Harris:
A. M. Turner

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UNITED STATES PATENT OFFICE.

JAMES J. DOYLE, OF ALBANY, NEW YORK, ASSIGNOR OF ONE-HALF TO
THOMAS F. MANEY, OF SAME PLACE.

RAZOR-STROP.

SPECIFICATION forming part of Letters Patent No. 561,258, dated June 2, 1896.

Application filed December 9, 1895. Serial No. 571,460. (No model.)

To all whom it may concern:

Be it known that I, JAMES J. DOYLE, a citizen of the United States, residing at Albany, Albany county, New York, have invented certain new and useful Improvements in Razor-Strops; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

The object of my invention is to provide a new and improved razor-strop.

In the drawings, Figure 1 shows a side elevation of one form of my strop; Fig. 2, a top plan view thereof; Fig. 3, a side elevation of another form thereof; Fig. 4, a vertical sectional view of the swivel attachment, and Fig. 5 a plan of the bottom of the framework.

The numeral 1 shows the framework on which my strop is stretched, 2 showing an enlargement of the base or bottom on which the device rests when set upon a table or other object.

3 shows a swivel connection-piece, and in Figs. 1 and 2 it is shown as passing into and through a hole made endwise in the leather strop or other material of the strand 6 and swiveled to the bar 4, which bar 4 is set in a hole made crosswise of the strand 6. The bar 4 is first set in the opening in the strand, and swivel-hook 3, (a swivel-hook 3 being preferably used,) which may be simply a straight piece of wire or a wire nail having a head, is inserted in the bar 4 and through the lengthwise opening in the strand by inserting it in the opening 5, when it is forced into the bar 4 to its head, and the free end is then bent into a hooked form, preferably. On the other end of the strand is a similar bar 4, with a bar 7 made fast therein and its free end threaded, preferably, said bar 7 passing through jaws, preferably, or their equivalents in the frame 1, said jaws having overhanging offsets or their equivalents 8, the threaded end of bar 7 being arranged to screw into the handle in order that the strand 6 may be tightened or

loosened at will and so that the strand, when the razor is stropped, will turn or partially rotate and adjust itself to the razor-blade, the offsets 8 preventing the handle and bar 7 from disengaging with the framework.

In Fig. 3 I show a double strand 9, the swivel 10 being swiveled to a cross-bar resting in the loop in the doubled ends of the strand 9 and having a similar bar with a threaded bar 11 made fast thereto and resting in the jaws and screwing into the handle, by which the strands may be tightened or loosened and turn and adjust itself to the razor-blade.

With that form shown in Figs. 1 and 2 the operation is as follows: The razor is stropped on one side of the strand until sufficiently sharpened, and in so doing the strand 6 turns or partly revolves at each stroke of the razor-blade and adjusts itself instantly to the blade in whatever position it may be held or assumes during the stropping stroke. If a finer edge is desired, the strand is turned over and the operation repeated, the swivel 3 and the bar 7 allowing of the turning of the strand. In this form of my device the amount of leather or other substance forming the strand may be limited to the smallest possible amount to be used, as there is but a single strand, both sides of which are usable.

In the form shown in Fig. 3 the strand is simply doubled, the ends forming loops in which the bars may rest, the swivel 10 and bar 11 acting precisely as in the other forms of my device; but the double strand eliminates the puncturing of the single strand and is easier to make, although more stock is used in the strand. The framework 12 is similar, practically, to that shown in the other figures.

Having described my invention, what I claim is—

1. A strop for sharpening razors consisting of a strand of sharpening material set in a frame and arranged to rotate therein, the strand having an opening formed at its ends and a bar resting in the openings, one of said bars having a swivel arranged to be attached to the frame and to the bar, the other bar having a projecting body attached to it and passing through an opening in the frame and

arranged to adjustably engage with the handle that the strand may be tightened or loosened at will substantially as described.

2. A razor-strop frame consisting of a base
5 having projections at its ends, one of the ends having a bifurcated opening arranged to receive the handle of the strop and means arranged to prevent the handle from escaping

accidentally from the bifurcations, substantially as described. 10

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

JAMES J. DOYLE.

Witnesses:

J. F. HARRIS,

A. M. TURNER.