

(No Model.)

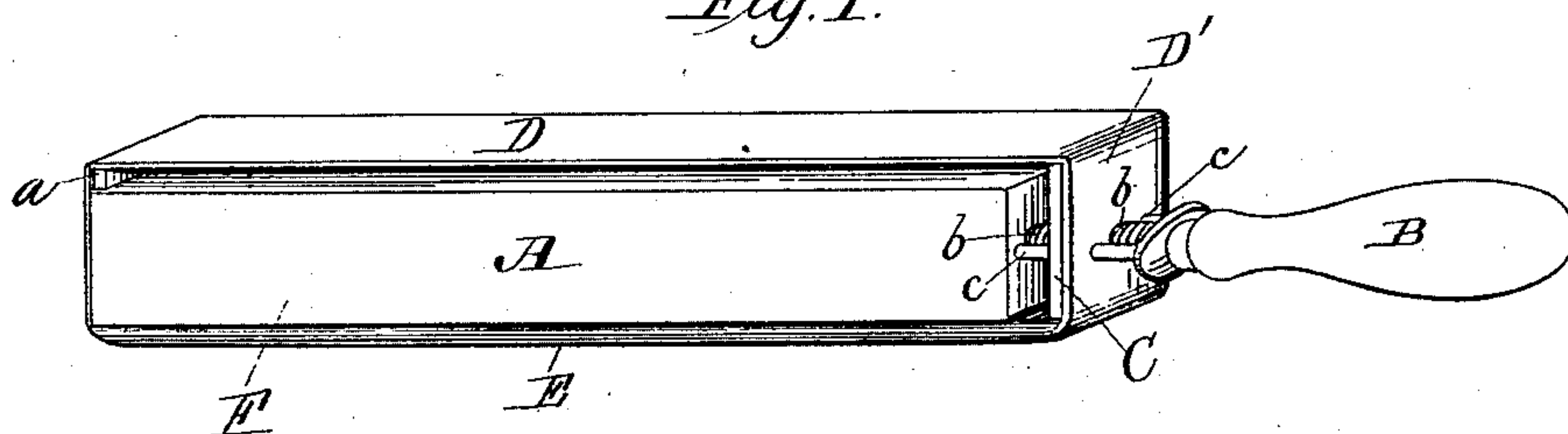
J. R. TORREY.

RAZOR STROP.

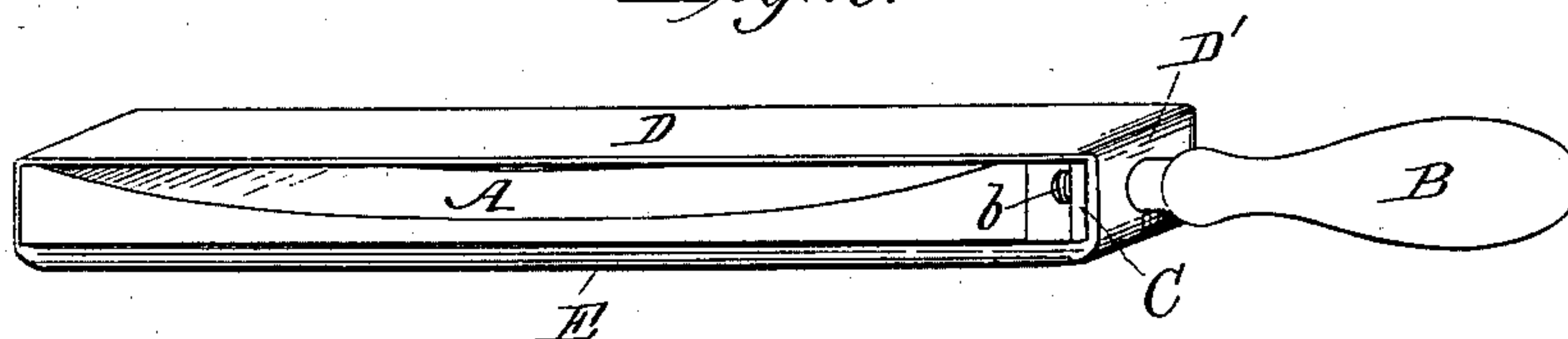
No. 279,615.

Patented June 19, 1883.

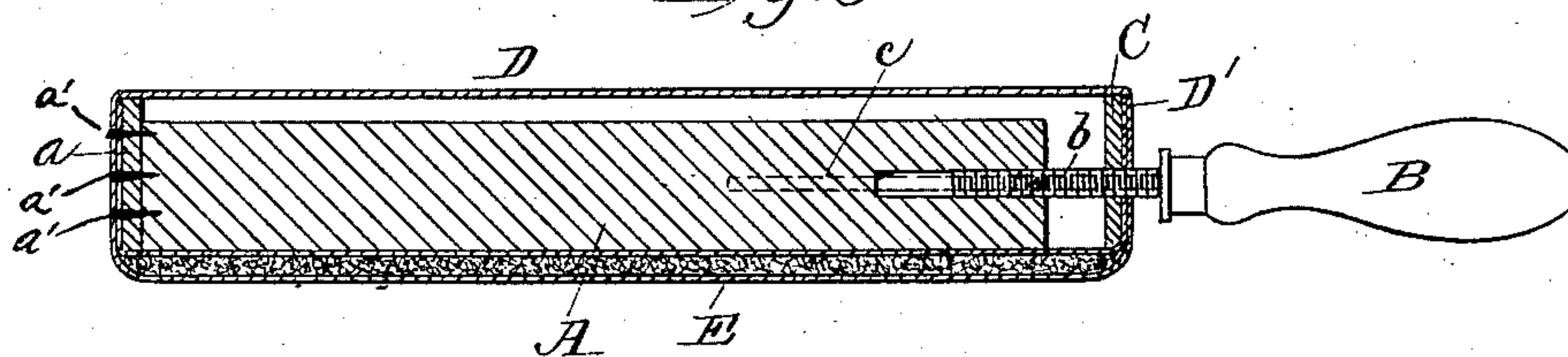
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses;

Charles H. Hale  
Frank B. Hale

Inventor;

Joseph R. Torrey

# UNITED STATES PATENT OFFICE.

JOSEPH R. TORREY, OF WORCESTER, MASSACHUSETTS.

## RAZOR-STROP.

SPECIFICATION forming part of Letters Patent No. 279,615, dated June 19, 1883.

Application filed February 17, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH R. TORREY, of Worcester, in the county of Worcester and State of Massachusetts, have invented certain  
5 new and useful Improvements in Razor-Strops; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and  
10 in which—

Figure 1 represents a perspective view of a four-sided razor-strop with my improvements applied thereto. Fig. 2 represents a modification, showing a perspective view of a two-  
15 sided razor-strop with my improvements applied to the same; and Fig. 3 represents a central longitudinal section of the strop shown in Fig. 1.

My invention relates to improvements on  
20 the patent granted to me for razor-strops, No. 229,342, dated June 29, 1880; and it consists in making one side of the strop with an elastic strap, in combination with the cushioned part upon the opposite side, and supporting, hold-  
25 ing, and operating parts of the strop, as hereinafter more fully set forth.

To enable those skilled in the art to which my invention belongs to make and use the same, I will proceed to describe it more in de-  
30 tail.

In the drawings, A represents the central block or supporting part of the strop, which is provided at one end with the usual cross-  
35 piece, *a*, for elevating the stopping parts off of said block, and at the other end with longitudinal openings to receive the central screw, *b*, and holding-rods *c c*. The screw *b* is fastened in the end of the handle B, and is fitted to move longitudinally in its opening in block  
40 A, while the holding-rods *c c*, which are also secured to the end of the handle, are rigidly fastened at their other ends in said block. A nut, C, is also fitted over the screw *b* between the end of the block and the end D' of strap  
45 D. By this arrangement, as will be seen, the stopping-surfaces D and E may be tightened or loosened, as required, by turning handle B. The strap D and the elastic cushioned part E are united at their ends by overlapping and  
50 gluing or otherwise fastening said ends to-

gether to form a continuous connection around the central block, A, as in the patent before cited. Said strap D and cushioned part E are properly held upon the strop, as shown in the drawings, by means of tacks *a'*, passed through  
55 their outer ends into the end of block A, and by passing the central screw, *b*, through their opposite united ends.

In the drawings the cushioned part E is represented as lying directly against the side  
60 of the supporting-block, which is the method I prefer to adopt in practice; but, if desired, the cross-piece *a* and nut C may be made so as to elevate it off of said surface in the same  
65 manner as the belt-strap is elevated upon the opposite side. Said cross-piece *a* may be made separate and fastened to the end of block A, as shown and described; or projections may be formed upon one or both sides to elevate the  
70 stopping-surfaces.

If preferred, the holding-rods *c c* may be dispensed with and only the screw *b* employed, as shown in Fig. 2, in which case the screw would have a solid bearing at its inner end against the block to obtain a resistance in  
75 tightening up the stopping-surfaces.

The strop may be made with four stopping-surfaces, like that shown in Figs. 1 and 3, or with only two, as shown in Fig. 2; in which  
80 latter case the cross-piece *a* may be left off and the side of the central block cut away under the strap, as shown.

The two exposed sides F of the four-sided strop may be covered with either hard honing or soft cushioned stopping-surfaces of or-  
85 dinary construction, and said cushioned stopping-surfaces and cushioned part E may be filled with any suitable stuffing material desired. The hard honing-surfaces would be made by fastening strips of leather to the sur-  
90 face of block A and covering the same with any suitable honing material in the usual way.

Although I am enabled to obtain very good results in sharpening a razor upon my old form of strop, (covered by the patent before referred  
95 to,) they are not entirely satisfactory, a much sharper and finer cutting-edge being obtained by the use of my improved strop. In sharpening a razor upon said strop it is first applied to one and then the other of the two sides F, 100



then to the cushioned surface E, which latter produces quite a fine edge upon said razor, and about such an edge as would be obtained by the use of my old strop. A still sharper  
5 and very fine cutting-edge may now be given to the razor by stropping it back and forth over the elastic strap D, a fine-grained strap, as is well known, giving to the edge of a razor in finishing the sharpening operation as fine a  
10 cutting-edge as it is possible to obtain.

Having described my improvements in razor-

strops, what I claim therein as new and of my invention, and desire to secure by Letters Patent, is—

The combination of the elastic strap D with 15 the elastic cushioned part E, central supporting-block, A, screw *b*, nut C, and handle B, substantially as shown and described.

JOSEPH R. TORREY.

Witnesses:

CHARLES S. HALE,  
FRANK S. HALE.