

(No Model.)

E. P. HAFF.

RAZOR STROP.

No. 272,042.

Patented Feb. 13, 1883.

fig. 1.

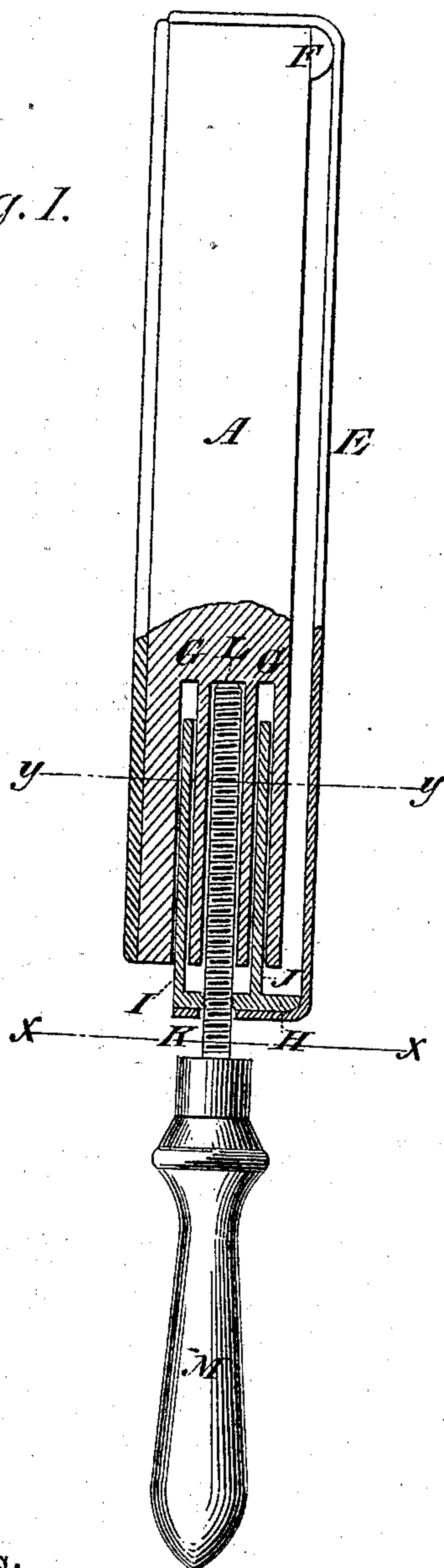


fig. 2.

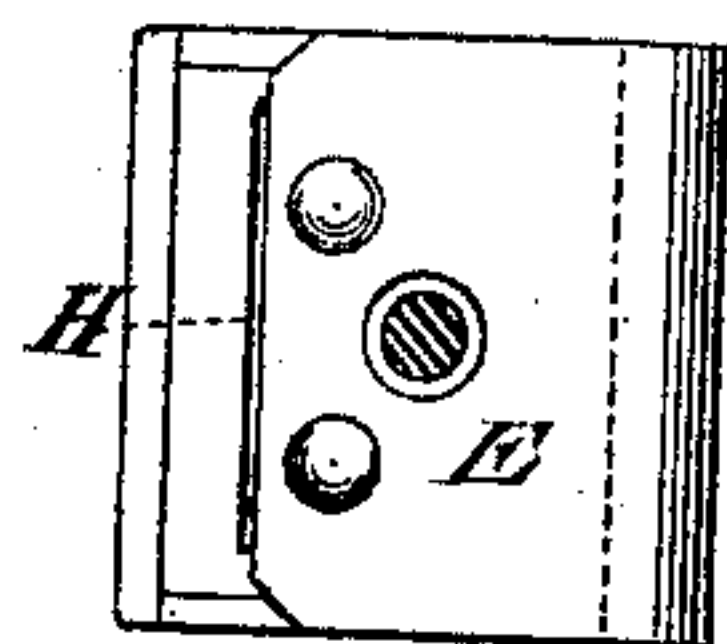
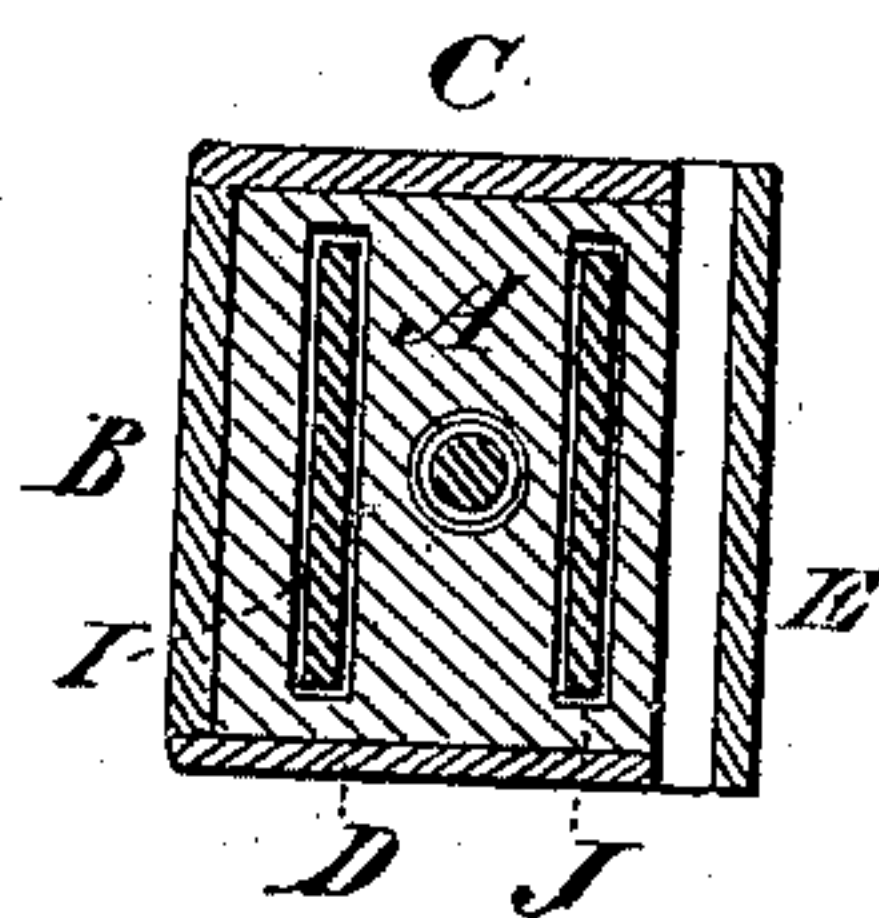


fig. 3.



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RAZOR-STROP.

SPECIFICATION forming part of Letters Patent No. 272,042, dated February 13, 1883.

Application filed December 19, 1882. (No model.)

To all whom it may concern:

Be it known that I, EDWARD P. HAFF, of the city of Brooklyn, county of Kings, and State of New York, have invented a new and useful Improvement in Razor-Strops, of which the following is a specification.

The invention relates to that class of razor-strops which are formed on a four-sided block of wood or other material. On one side of this block is attached a hone, on two other sides tablets or elastic surfaces, and over the fourth side is arranged a strap provided with means for tightening it.

The invention consists in a device whereby the strap is secured to the block at one end and tightened more or less, as desired.

In the accompanying drawings, Figure 1 shows the strop with the tightening device in longitudinal section. Fig. 2 is a transverse section on line *x x* of Fig. 1, and Fig. 3 is a transverse section on line *y y* of Fig. 1.

Similar letters of reference indicate like parts.

A is the four-sided body of the strop, which may be of wood or other suitable material. The side B, for example, may have attached to it a hone, and the sides C and D may carry tablets or elastic surfaces. To the end of the block A is secured, by cement or other suitable means, the strap E. Said strap passes over a projection, F, and its end is attached by rivets to a metal plate, H. Formed upon or rigidly attached to said plate H, and at right angles thereto, are two plates, I and J, which enter recesses G, formed in the body A. In plate H is a screw-threaded aperture, through which passes the screw-threaded rod K, which enters and has its bearing in a recess, L, also formed in the body A and preferably placed between the recesses G. The rod K is provided with a handle, M. By turning the handle M in one or the other direction the plate H is caused to move up or down on the rod K, the plates I and J remaining and sliding in the recesses G. In this way the strap E is loosened or tightened, as desired. The two plates I and J furnish a firm support for the plate H, and prevent its being pulled to one side by the strain of the strap. The use of two plates entering the strop-body is especially advantageous, in that all of the strain of the strap in a sidewise di-

rection is received by these plates and does not come upon the screw-rod K, as might be the case were only one plate used, so that there is, therefore, no tendency of the plate H to bind against the rod K. At the same time this device is easily made and applied, the plates H I J being preferably cast in one piece, and requiring no extra fastening to secure them to the strop-body.

I am aware that razor-strops have hitherto been constructed having a loose strap passing over two sides of the body and a tightening-nut arranged in the loop of the strap, which nut is provided with two projecting arms entering the strop-body. I am also aware of United States Patent No. 252,199, granted to Emerson, January 10, 1882, in which the loose strap passes over one side of the strop-body and is secured to a tightening-nut, which is provided with one slotted arm entering said body. These devices I do not claim, inasmuch as they differ from mine materially. My principal object is to support and brace the tightening-nut by means of the two projections thereon entering the strop-body, so that the strain or pull of the strap as the nut is drawn outward, although it is applied on one side of the nut, cannot cause said nut to be canted or bent over.

I claim as my invention—

1. In combination with a razor-strop body, a threaded rod entering a recess therein, and an extensible strap attached at one end to the extremity of said body, the tightening device herein set forth, consisting of a metal plate secured to the free end of the strap and having two rectangular projections, which enter recesses in the strop-body, and a threaded aperture to receive the threaded rod, substantially as described.

2. In combination with a razor-strop body, the three plates H I J, rigidly attached together, two of said plates entering recesses G in said body, the strap E, attached to the body and to the plate H, and the threaded rod K, passing through the threaded plate H and entering a recess in the body, substantially as described.

EDWARD P. HAFF.

Witnesses:

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