(No Model.)

G. SPIESS.

RAZOR STROP.

No. 438,649. Patented Oct. 21, 1890.

FIG. 1.

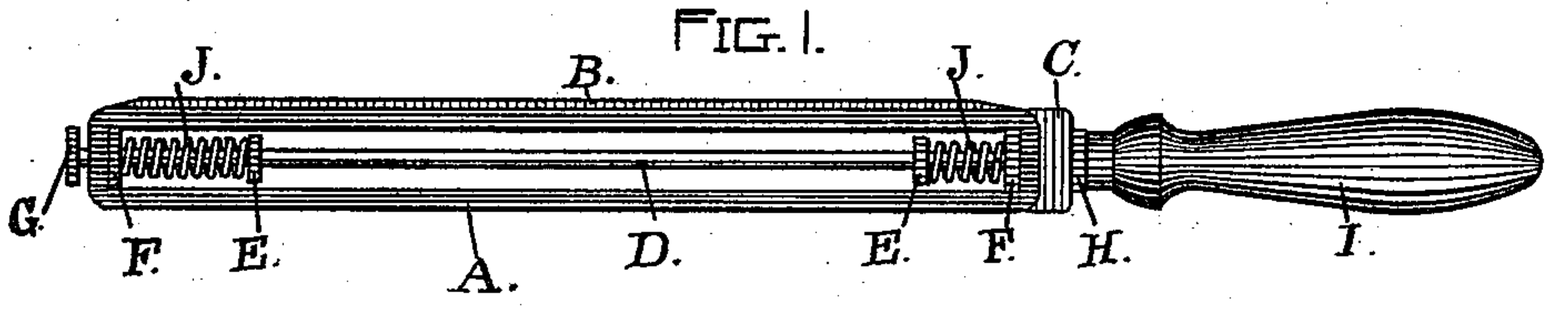


FIG. 2.

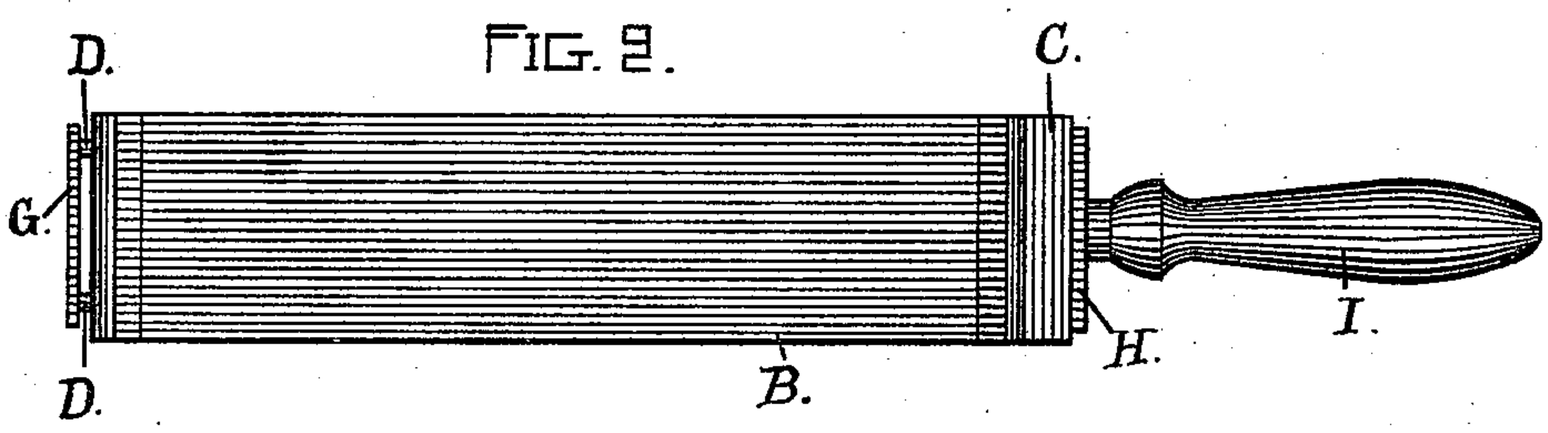
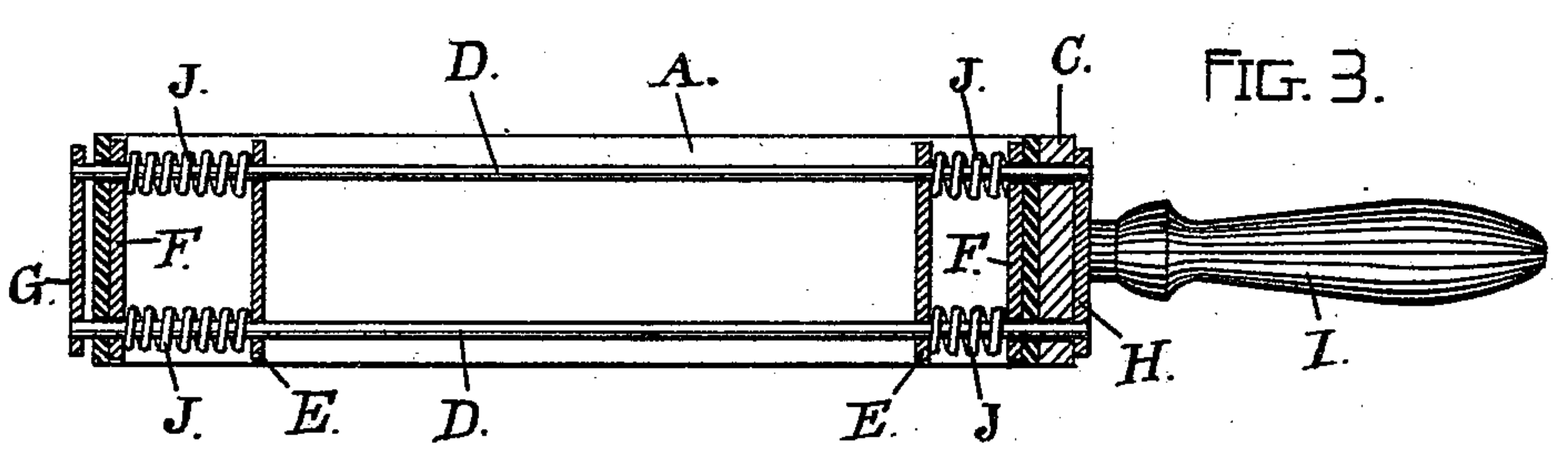


FIG. 3.



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UNITED STATES PATENT OFFICE.

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RAZOR-STROP.

SPECIFICATION forming part of Letters Patent No. 438,649, dated October 21, 1890.

Application filed March 24, 1890. Serial No. 345,077. (No model.)

To all whom it may concern:

Be it known that I, GOTTLIEB SPIESS, a citizen of Switzerland, residing in the city and county of San Francisco, and State of California, have invented a certain new and useful Improvement in Razor-Strops, of which the following is a specification, reference being had to the accompanying drawings and the letters referring thereto.

Figure 1 is a side elevation; Fig. 2, a top plan view, and Fig. 3 a sectional plan view.

A represents the strip of leather forming the razor-strop; B, the wooden strip forming the hone; C, the clearing-block for smoothening the edge of the razor and clearing off the wire edge.

D represents the straining-rods.

E represents the rest or bearing-plate for the springs J; F, the stretching-bars for the strap; G, the connecting-bar for the straining-rods, which connects them at the outer end; H, the connecting-bar, which forms the inner or handle connection of the straining-rods; I, the handle, and J the straining-springs for the leather strap.

The following is the construction of my improved combined razor-strop and elastic hone: I form the straining-rods D and the bars E, F, G, and H of any metal, such as is generally employed in that class of manufacture. The straining-springs J are of common construction. The block C is a plain block of wood, such as poplar or other tough soft wood. The handle may be constructed of wood, ivory, rubber, or other well-known suitable material.

The hone (designated by the letter B) is constructed of a thin strip of elastic wood, such as is known in the Western States—Ohio, Indiana, and Illinois—as yellow poplar or other wood of similar character. It is cemented firmly to the leather strap and forms a hone of peculiar character, as it may be supplied by any suitable fine grinding or polishing powder, such as emery-dust. Yielding, as it does, to the pressure of the razor in stropping it gradually increases the angle of the sharp edge to a form more wedge-like than the general plane of the side of the razor, and yet the fiber of the wood prevents the abrupt denting of the surface of the hone right at the point of the razor. By this means a much finer point or edge may be given to the razor than can be given by the ordinary hone of well-known hone-stone, such as is on the market for sale. A razor of good quality sharpened upon this hone will remain sharp several times longer than where the ordinary hone is used.

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

1. The combination of a strop-frame, an elastic material mounted thereon, means for stretching the material, and a rigid honing-surface mounted upon the elastic surface, whereby the rigid hone-surface is elastically mounted, for the purpose substantially as set forth.

2. The combination of a strop-frame, straining-rods mounted in the frame, spring-buffers at each end of the frame, and an elastic honing-surface mounted upon the frame, whereby the honing-surface is forced outwardly at both ends.

GOTTLIEB SPIESS.

Witnesses:

JOHN H. REDSTONE,

CHARLES TURRAGON.