

UNITED STATES PATENT OFFICE.

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RAZOR-STROP STRETCHER.

SPECIFICATION forming part of Letters Patent No. 793,156, dated June 27, 1905.

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To all whom it may concern:

Be it known that I, JULIUS A. RAABE, a citizen of the United States, residing at St. Louis, State of Missouri, have invented certain new and useful Improvements in Razor - Strop Stretchers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention has relation to improvements in razor-strop stretchers; and it consists in the novel construction and arrangement of parts more fully set forth in the specification and pointed out in the claim.

In the drawings, Figure 1 is a perspective of one form of my invention. Fig. 2 is a perspective showing a modified method of connecting two strops. Fig. 3 is an elevation of one end of the stretcher applied to two strops connected by the clamp shown in Fig. 2. Fig. 4 is a cross-section on line 4 4 of Fig. 3. Fig. 5 is a perspective of a modified form of stretcher and clamp for securing the ends of the strops. Fig. 6 is a cross-section on line 6 6 of Fig. 7, illustrating the clamp shown in Fig. 5; and Fig. 7 is a sectional detail on line 7 7 of Fig. 6.

The object of my invention is to construct a device which shall always keep taut a razor-strop, be the latter formed of one or two sections and be the latter united or disconnected, all as will more fully appear from a detailed description of the invention, which is as follows:

Referring to the drawings, and for the present to Fig. 1, the razor-strop therein is composed of a leather section 1 and a canvas section 2, whose purpose is well understood in the art. The two sections are sewed together, being provided at one end with a swiveled ring 3, to be attached to a hook on any convenient part of the barber's chair, and at the opposite end with a tongue 4, by which the strop can be seized and stretched. The stretching sometimes results in pulling out the hook carried by the chair and also entails considerable labor on the part of the barber. I provide, therefore, a mechanical stretcher one

form of which is shown in Figs. 1, 2, 3, and 4, the same being composed of blocks 5 5, forming the outer terminals of the rigid stems 6 6, whose adjacent ends are respectively provided with right and left hand screw-threaded portions, over which is passed a block or nut 7, the rotation of which in proper direction forces the stems apart, the blocks 5 5 under the circumstances stretching the members composing the razor-strop.

While the respective members 1 2 of the strop may be secured together by sewing, as shown in Fig. 1, I have shown in Figs. 2, 3, 4 the individual strops 1' 2' coupled together by a clamp composed of plates 8 8, drawn together by screw-bolts 9 and wing-nuts 10, the latter serving to draw the parts together, and thus securely hold the strops 1' 2' between the plates 8 8. The individual strops need not, however, be secured to each other either by sewing or clamping, so long as they are properly secured to the terminal heads of the stretcher, and in Figs. 5, 6, 7 I have shown a form of stretcher in which one or both strops may be stretched jointly or separately. This stretcher is composed of the heads 5' 5', forming the outer terminals of the screw-threaded stems 6', operated by a block 7', each head loosely receiving the arms of a U-shaped clamp member 11, the ends of the arms being screw-threaded and projecting outside the head 5'. Over the said ends is passed a second clamp member or plate 12. The strops 1'' 2'' are passed between the heads 5' and the members 11 and 12, respectively, and rigidly clamped thereto by the wing-nuts 13. It is apparent, of course, that one or the other of the strops 1'' 2'' may be removed without affecting the other strop, so that one or both strops may be stretched, as desired. To insure a better grip on the strops, the opposite edges of the heads 5' have formed thereon concave depressions or grooves 14 to receive the convex surfaces of the members 11 and 12, respectively, Fig. 7, this arrangement preventing the strops from slipping under a great tension.

It is obvious, of course, that I might depart

in a measure from the details here shown without affecting the nature or spirit of my invention.

Having described my invention, what I
5 claim is—

In combination with a razor-strop, clamps for holding the opposite ends of the strop, a stretcher having terminal heads connected to said clamps, screw-threaded stems projecting

from the heads, and an adjusting nut or block 10 for actuating the stems and heads in proper direction, substantially as set forth.

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

JULIUS A. RAABE

Witnesses:

EMIL STAREK,

JOS. A. MICHEL