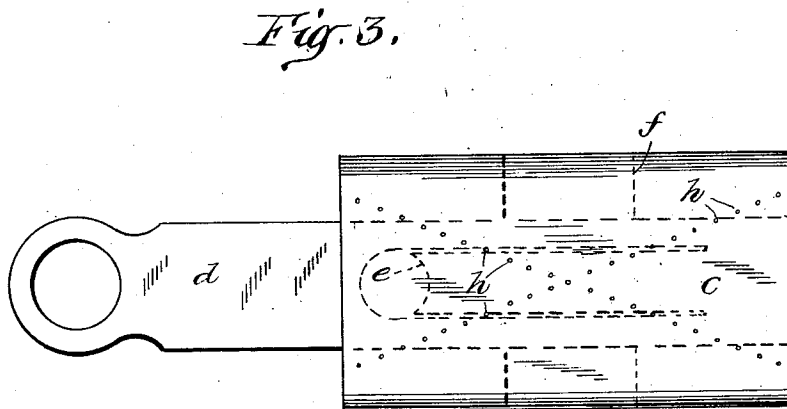
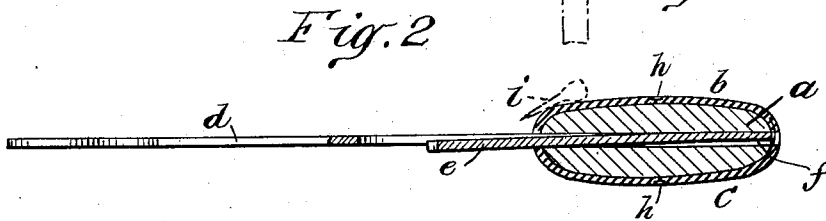
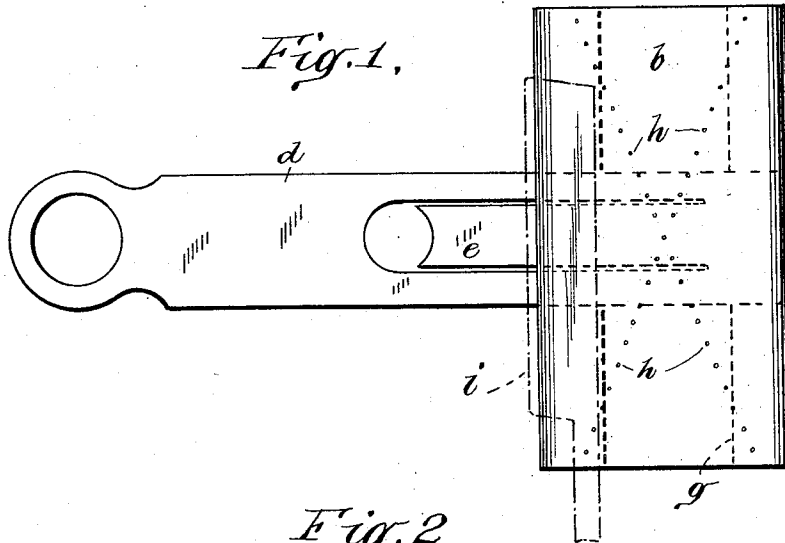


F. A. REICHARDT.
 RAZOR STROP.
 APPLICATION FILED MAR. 24, 1908.

1,012,099.

Patented Dec. 19, 1911.



Witnesses
H. E. W. L. L. L.
J. C. L. L. L.

Ferdinand Alfred Reichardt.
 Inventor
By his Attorney. Alfred Thudlock

UNITED STATES PATENT OFFICE.

FERDINAND ALFRED REICHARDT, OF ELIZABETH, NEW JERSEY.

RAZOR-STROP.

1,012,099.

Specification of Letters Patent.

Patented Dec. 19, 1911.

Application filed March 24, 1908. Serial No. 422,879.

To all whom it may concern:

Be it known that I, FERDINAND ALFRED REICHARDT, a citizen of the United States and a resident of Elizabeth, State of New Jersey, have invented Improvements in Razor-Strops, of which the following is a specification.

This invention relates to and has for an object to provide an improved razor strop, one of the objects of the invention being to provide a strop of smaller dimensions than those heretofore in use.

Another object of the invention is to provide a strop which will not only sharpen the extreme edge of the blade, but will also maintain a thin zone of metal immediately back of the cutting edge, keeping the razor in substantially the condition it is after having been hollow ground.

In the drawings accompanying and forming part of this specification, Figure 1 illustrates a practicable embodiment of a form of my invention and illustrates a handle applied thereto in operative position. Fig. 2 is a central sectional longitudinal view of the strop and handle; and Fig. 3 shows the strop with the handle arranged for packing and transportation.

My improved strop differs from those previously in use in that it is of short length compared with its width. In the present illustration it is shown nearly twice as wide as it is long.

The body or main portion *a*, is shown in the general form of a block whose width is somewhat greater than the length of the usual razor blade. It is shown elliptical in one direction; that is, in its longitudinal section; and in the other direction, its cross-section, all surface lines substantially at right angles to the elliptical section are straight or substantially straight. The ends of the body are rounding, and the ends of the elliptical section, forming what may be termed the transverse edges, are shown of circles of comparatively small radii. The long sides which determine the shape of the main surfaces of the strop are slightly curved or circularly formed from long radii. This body, which preferably consists of a hard or rigid material, is provided with suitable abrasive substances which may be applied to leather or other absorbent coverings *b* and *c*, the abrading substances on one half of the strop preferably being of a character suitable to act as a hone, and the substance on

the other half being suitable for stropping or putting the finishing edge upon the blade.

The most efficient manner of using this strop is to place the blade upon the strop in the manner illustrated at *i*, in Fig. 1, with the edge of the blade overhanging the end of the strop, which brings the curved end of the strop into the hollow of the blade inwardly of the cutting edge thereof. The blade will then be moved over the strop in a diagonal direction. This movement not only sharpens the cutting edge, but also thins the metal back of such edge, so that as the edge is worn away inwardly with the normal tendency of having the cutting edge carried by a continually thickening portion, the blade at this point is thinned after the manner of grinding the razor so that at each stropping the razor is put in substantially the same condition it is after having been hollow ground.

The body of the strop is preferably hard and unyielding and it is herein illustrated as carried by an elastically-yielding handle *d*; the yieldability of the handle immediately adjacent the strop is enhanced by severing a portion of the handle in the form of a tongue *e*. The body of the strop is shown provided with a longitudinally-disposed opening *f*, for receiving the handle in the operative position of the strop, and with a transversely-disposed opening *g*, for receiving the handle when it is desired to assemble the parts in a small compass for transportation or packing.

Owing to the fact that this razor strop is of what, at the time of its invention, would be an unusual shape, and that the direction of the stroke of stropping is at a sharp angle to the transverse line of the strop, it is in some instances necessary to indicate to the user, when he first employs the strop, the manner or direction of razor movement for accomplishing the best results. For this reason a diagram or direction-indicating line may be employed. In the present illustration, two series of dots *h*, *h*, are illustrated, so that after the operator has placed the blade upon the strop in the manner indicated by the dotted lines *i*, the lines *h* will indicate the manner in which he is to move the blade over the strop.

I claim as my invention:—

1. A razor strop elliptical in longitudinal section and substantially straight in cross-sectional direction, and having openings

formed longitudinally and transversely through it in combination with a detachable handle adapted to be seated in either of said openings.

5 2. A razor strop elliptical in longitudinal section and substantially straight in cross-sectional direction, and having openings
10 formed longitudinally and transversely through it in combination with a spring-acting detachable handle adapted to be seated in either one of said openings.

15 3. A razor strop having greater width than length and provided with rounded, transversely-disposed ends, and a handle seat entering one of said rounded ends.

4. A razor strop comprising a rigid body having greater width than length and hav-

ing rounded transverse ends of small radii for engaging the hollow of a razor blade, and a curved face between such rounded 20 ends of long radii for engaging the edge of such blade, and blade-movement directing lines upon the strop extending from the juncture of the long and short radii at one side to the similar juncture at the opposite 25 side and opposite end.

In testimony whereof, I have hereunto subscribed my name, this 19th day of March, 1908.

FERDINAND ALFRED REICHARDT.

Witnesses:

M. V. TUTTY,

E. GLUCK.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."