F. A. REICHARDT & J. H. M. DUDLEY.

RAZOR STROP SUPPORT AND CASE.

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1,068,604.

Patented July 29, 1913.

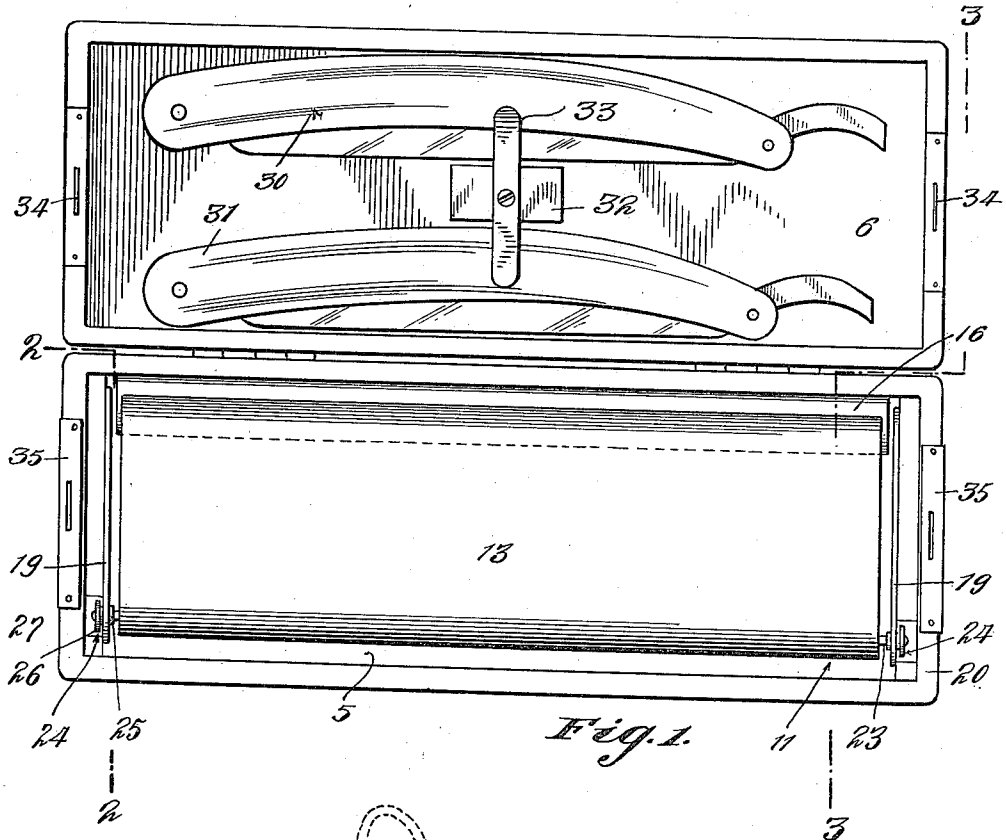

Fig. 1.

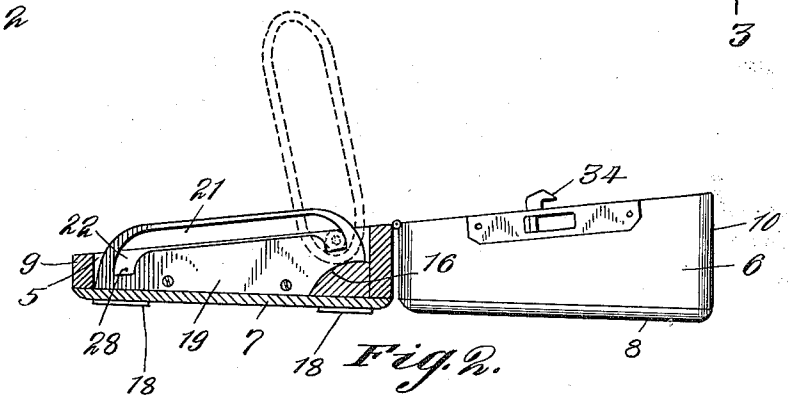

Fig. 2.

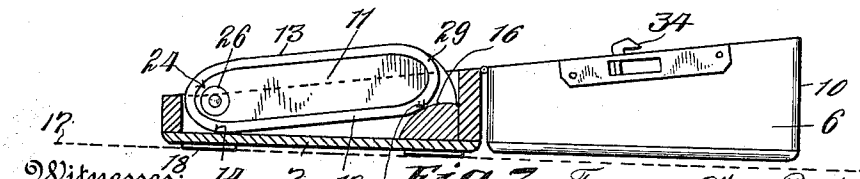

Fig. 3.

Witnesses:
Harry C. Hoebig
Wm. E. Dunn

Ferdinand Alfred Reichardt
and John H. M. Dudley Inventors
By their Attorney
Chas. Lyon Russell.

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

FERDINAND ALFRED REICHARDT AND JOHN H. M. DUDLEY, OF ELIZABETH, NEW JERSEY; SAID DUDLEY ASSIGNOR TO SAID REICHARDT.

RAZOR-STROP SUPPORT AND CASE.

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To all whom it may concern:

Be it known that we, FERDINAND ALFRED REICHARDT and JOHN H. M. DUDLEY, citizens of the United States, both residing at Elizabeth, in the county of Union and State of New Jersey, have invented certain new and useful Improvements in Razor-Strop Supports and Cases, of which the following is a full, clear, and exact specification.

This improvement provides a reversible sharpening device, in the present illustration a razor sharpener, having upon its opposite flat sides abrasive and polishing surfaces which in practice may be the first and second stropping faces for a razor.

The strop is reversibly supported in a housing, a portion of which may conveniently be used as a razor case. The housing illustrated comprises a case having a compartment for a number of razors and a compartment in which is reversibly mounted a sharpener having two sharpening surfaces, either of which will be firmly held in position at a convenient angle.

In the drawings accompanying and forming a part of this specification, Figure 1 is a plan view of the combined razor-case and strop-case open, showing a pair of razors in the compartment provided therefor, and a strop reversibly mounted in the compartment provided for the strop. Fig. 2 is a cross-section taken on a plane at about the line 2—2 of Fig. 1, showing in dotted lines the strop in an elevated position. Fig. 3 is a view taken on a plane at about the line 3—3 of Fig. 1.

The casing or housing herein illustrated is shown comprising a body portion 5, having hinged to it a cover portion 6. The cleavage between the cover and the body portion is shown on a plane at an acute angle to the bottom 7, of the body portion, and the top 8, of the cover portion. When the parts are open in the position shown in the drawings, the open sides of the body and top will be in substantially the same plane. The front portion 9, of the body part, is considerably lower than is the front portion 10, of the cover. The reason for this formation will be set forth in detail farther on in this description.

A reversible razor-strop 11, is shown mounted in the body portion of the box in such manner that either of its flat sides 12 or 13, will be exposed in or above the opening of the body portion of the housing for the strop.

In the form of the device illustrated the strop will be provided upon its flat sides 12 and 13, with abrasive surfaces, one of which may be finer than the other, as razor-strops are usually made. The strop is of such proportions relative to the opening in its housing and is of sufficient width and length to be received within the opening of the housing and expose one or the other of its working surfaces.

The strop in the present illustration will be positively supported by one edge, for instance, the portion marked 14 in Fig. 3, resting upon the bottom 7 of the box at the front edge, and a portion, as for instance the portion 15, resting upon a suitable support 16, at the back of the box. In this manner the exposed surface 13, of the strop will be disposed in a plane at an acute angle to the plane represented by the dotted line 17, which indicates the plane surface upon which the device rests, preferably by means of suitable cushion or friction-feet 18. The reason for supporting the strop in this position is that the case as a whole will be placed upon some convenient support, such as a table, and the user may then hold the razor in a natural position while moving it across the sharpening face of the strop. The opening of the lid of the box, being disposed upon the same plane as the opening of the body portion, and such lid being located at the rear of the body when the box is open, will be amply out of the path of movement of the razor while being stropped.

The strop is held in either of its working positions and is guided from one position to the other by means of suitably-formed tracks located at the respective ends of the housing and suitably engaging the strop. In the present illustration there is shown a plate 19, at each end of the body of the housing and located at a short distance from the ends 20 thereof, so that the track-plate 19 is spaced apart from the housing end 20. In this track-plate there is shown a slot 21, having at each end a transversely-disposed portion 22, which is shown directed downwardly. In the slot are mounted projections extending from the ends of the strop adjacent one edge. Such projections in the present instance comprise pins 23, upon each of which is mounted a roller 24. It will be

seen that the roller has a portion 25, for engaging the edges of the plate which define the slot 21, and also an enlarged head 26, for engaging the outer side of the plate 19, so as to eliminate and overcome all possible friction. The pins 23 are shown headed at 27, to prevent undue outward movement of the rollers 24. These parts are so proportioned that the ends of the strop do not engage the inner faces of the plates 19. The ends 28, of the transverse portions of the slot 21, will assist in supporting the edge of the strop which is provided with the track-engaging projections. The transverse portions 22, of the slot 21, are so formed that they will hold the strop from lateral movement after the projections, in the present instance the rollers 23, have been seated in them, so that the movement of the razor laterally of the strop will not move it upon the supporting surfaces upon which it rests or tend to move it therefrom. When it is desired to expose the unexposed surface of the strop, the edge 29, of the strop in Fig. 3, opposite the edge carrying the track-engaging projections, will be raised from the supporting surface. The entire strop will then be raised sufficiently to cause the rollers to pass from the transverse portion of the slot into the straight portion, the strop will then be moved laterally to the opposite position, as for instance, the dotted line position in Fig. 2, when the rollers will be seated in the other transverse portion of the slot, and the edge 29 will then be turned on the pin 23 as a pivot and caused to find its support. The strop is equally well supported with either side uppermost and is equally well locked in position against lateral movement.

This device not only provides convenient means for supporting and housing a reversible strop, but also for housing a plurality of razors. In the present illustration a pair of razors 30, 31, are shown mounted within the cover portion 6, of the box. These razors are shown held apart by means of a block 32, upon which is mounted a securing device 33, so that the razors may be held in position convenient for removal and will be held from engagement with the surfaces of the strop.

For securely holding the case in a closed position so that it may safely be carried in the pocket or traveling bag, bolts or catches 34, are provided at the respective ends of the cover for engaging suitable lock-plates 35, upon the ends of the body portion.

It will be apparent that changes may be made in the device without departing from the spirit of our invention.

Having described our invention, we claim:

1. The combination with a razor-strop having abrasive surfaces upon its opposite sides, of a base, a track provided upon such base and comprising a slot extending from side to side and provided with transversely-disposed portions, and a projection carried by the end of the strop adjacent one edge for engaging said track.

2. The combination with a flat razor-strop having abrasive surfaces upon opposite sides, of a base provided at each end with a slot extending from side to side and having transverse portions, projections carried by the ends of the strop adjacent one edge and mounted in the slots and means for supporting the respective edges of the strop in either of its positions of reversal.

3. The combination with a box, of a flat strop having abrasive surfaces upon its opposite sides, projections carried by the ends of the strop adjacent one edge, a support within the box for the rearwardly disposed edge of the strop, and tracks carried by the box for the projections each comprising a slot having at front and rear a downwardly directed transversely disposed portion, such transversely disposed portions being of sufficient extent to permit the edge of the strop which is at the front to rest upon the bottom of the box and the edge which is at the rear to rest upon the support.

4. The combination with a base, of a flat strop having abrasive surfaces upon its opposite sides, headed pins carried by the ends of the strop adjacent one edge, a plate at each end of the base provided with a slot having at front and rear transversely disposed portions, and rollers mounted on the pins and disposed in the slots, the rollers being provided with heads for engaging the outer faces of the plates.

In witness whereof we have hereunto set our hands in the presence of two subscribing witnesses.

FERDINAND ALFRED REICHARDT.
JOHN H. M. DUDLEY.

Witnesses:
GEO. J. LEITCH,
HENRY L. CONKLIN.

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