No. 827,684. PATENTED JULY 31, 1906.

G. R. CRAW.

HONING STROP

APPLICATION FILED NOV. 28, 1904.

Fig. 1.

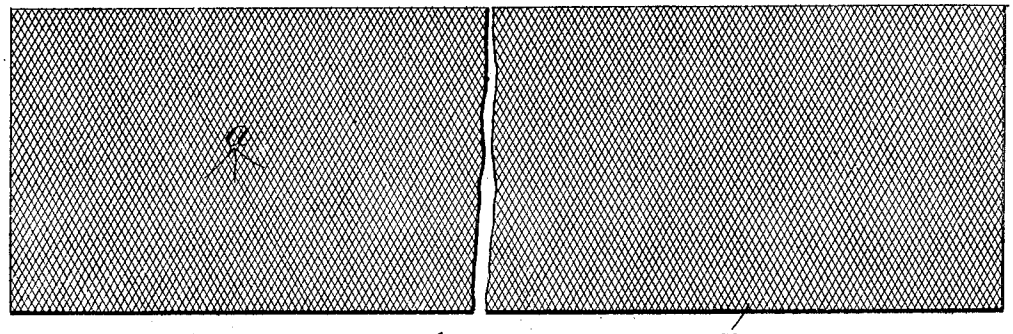


Fig. 2.

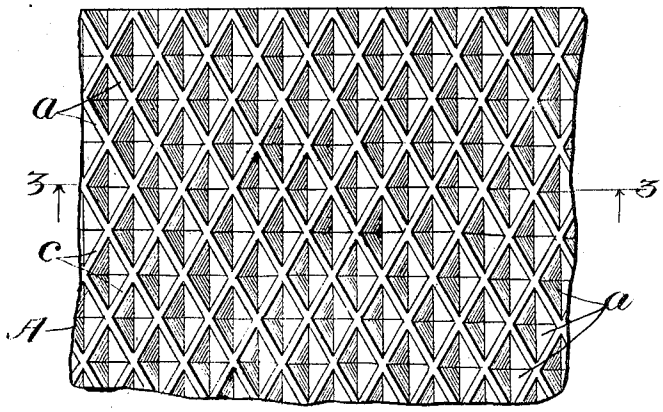


Fig. 3.

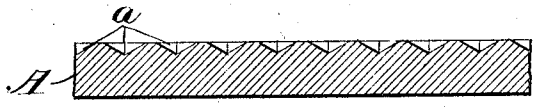
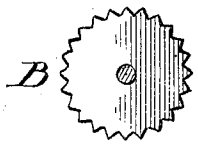


Fig. 4.



Witnesses:
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UNITED STATES PATENT OFFICE.

GEORGE R. CRAW, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE RADIUMITE COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

HONING-STROP.

No. 827,684. Specification of Letters Patent. Patented July 31, 1906.

Application filed November 28, 1904. Serial No. 234,527.

To all whom it may concern:

Be it known that I, GEORGE R. CRAW, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Honing-Strops, of which the following is a full, clear, and exact description.

My invention relates more particularly to a strop for honing or putting a fine sharp edge on razors, although, obviously, it may be used for sharpening other kinds of cutlery.

The object of my invention is to provide a simple, cheap, and effective honing-strop the use of which greatly reduces the time required to sharpen and put a smooth keen edge on the razor. This I accomplish by the means hereinafter fully described, and as particularly pointed out in the claims.

In the drawings, Figure 1 is a plan view of a section of my improved honing-strop. Fig. 2 is a similar view of a still smaller portion, drawn to a greatly-exaggerated scale. Fig. 3 is a longitudinal section thereof, taken on line 3 3, Fig. 2. Fig. 4 is an end view of the die used in forming the depressions on the surface of my improved strop.

In the drawings, A represents a strop, of leather or other suitable material, preferably of the same width and length as an ordinary razor-strop. One side of this strop is smooth; but the other side is provided with symmetrically-arranged depressions *a*, by means of a cylindrical or other die B, as shown in Fig. 4. This die is provided with series of crisscross serrations which leave its circumference covered with symmetrically-arranged pointed teeth in relief, which when utilized to make its impression on the strop leave crisscross ridges *c* and *d*, substantially as shown. When the razor is drawn over this ridged surface, so that the rubbing action is from the back of the blade to and off of its cutting edge, the ridges cause a friction first away from a given point and then toward it, and this action takes place throughout the entire length of that portion of the cutting edge of the blade in contact with the strop. While the plain-dressed leather, ridged in the manner described, will do excellent work, I prefer to give said ridged surface of the strop a coating of sharpening or abrading composition—as, for instance, finely-powdered whetstone or other sharpening material—which greatly increases its effectiveness. While I much prefer to arrange the depressions in the surface of the strap symmetrically, as shown, yet the arranging of said depressions in any other manner would answer the purpose, although perhaps not so well.

What I claim as new is—

1. A strop consisting of a flexible strap having the surface of one side thereof provided with indentations; and ridges mediate the same, said ridges intersecting each other.

2. A strop consisting of a flexible strap having the surface of one side thereof provided with symmetrically-arranged indentations; and ridges mediate the same, said ridges intersecting each other.

3. A strop consisting of a flexible strap having the surface of one side thereof provided with symmetrically-arranged indentations that produce crisscross ridges mediate the same, said ridges intersecting each other.

4. A strop consisting of a flexible strap having the surface of one side thereof provided with indentations; ridges mediate said indentations, said ridges intersecting each other, and a coating of abrasive composition applied thereto.

5. A strop consisting of a flexible strap having the surface of one side thereof provided with symmetrically-arranged indentations; ridges mediate said indentations, said ridges intersecting each other; and a coating of abrasive composition applied thereto.

6. A strop consisting of a flexible strap having the surface of one side thereof provided with symmetrically-arranged indentations that produce crisscross ridges mediate the same, said ridges intersecting each other; and a coating of abrasive composition applied thereto.

7. A strop consisting of a flexible strap having the surface of one side thereof provided with symmetrically-arranged indentations that produce diagonal crisscross ridges mediate the same, said ridges intersecting each other.

8. A strop consisting of a flexible strap having the surface of one side thereof provided with symmetrically-arranged indentations that produce diagonal crisscross ridges intermediate the same, said ridges intersecting each other, and a coating of abrasive composition applied thereto.

In testimony whereof I have hereunto set my hand this 16th day of November, A. D. 1904.

GEORGE R. CRAW.

Witnesses:
OTTO MILLER,
FRANK D. THOMASON.