

W. D. Evans,

Razor Strip.

No. 102,790.

Patented May 10, 1870.

Fig. 1.

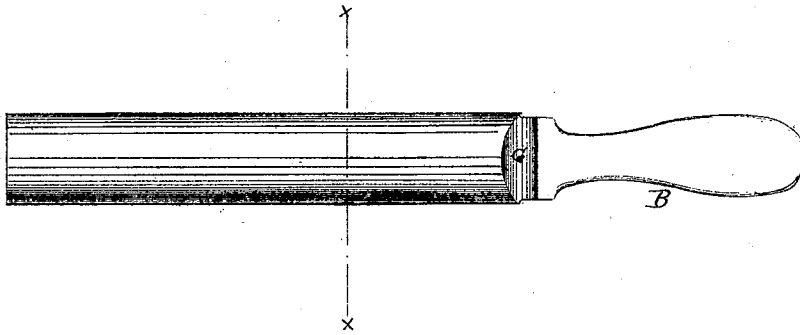
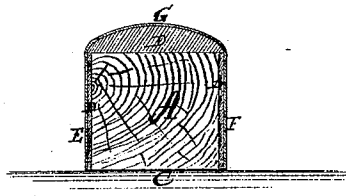


Fig. 2.



Witnesses:

Chas. Nida.  
J. S. Mabe

Inventor:

W. D. Evans  
PER *[Signature]*  
Attorneys

# United States Patent Office

WILLIAM D. EVANS, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 102,790, dated May 10, 1870.

## IMPROVEMENT IN RAZOR-STROPS.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, WILLIAM D. EVANS, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Razor-Strops; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings forming part of this specification.

This invention relates to a new and useful improvement in strops for sharpening razors, whereby the operation of giving the razor a good edge is much more speedily and perfectly performed than it has hitherto been; and

It consists in the use of cork beneath the outer or leather covering of the strop, and in covering the sides with an outside coating or a separate composition for each, as hereinafter more fully described.

In the accompanying drawing—

Figure 1 is a longitudinal view of the strop.

Figure 2 is a cross-section of fig. 1, on the line *x r*.

Similar letters of reference indicate corresponding parts.

This razor-strop is made with a central stock or core of wood, A, of which the handle B is formed.

One side, C, of the strop is a hone, formed of a compound with which that side of the strop is covered, the composition being a mixture of carbon or soot in a finely-powdered state, fine bone-dust, glue, and flour-paste, placed on the wood.

The proportions of this mixture are about as follows:

Glue, two and a half pounds, to flour two pounds, boiled in half a gallon of water, and then mixed with pulverized bone till a suitable consistency is obtained.

The other three sides are covered with leather, or other equivalent material, beneath which leather, and on the wood A, are placed plates or pieces of cork, as indicated by D.

The sides E and F have thin plates of cork, and the leather of those sides is covered with a mixture of crocus powder and lard, in the proportion of one pound of the former to one-quarter of a pound of the latter, for E, and lamp-black and lard, in the proportion of one pound of the former to one-quarter of a pound of the latter, for F.

The strips of cork on these sides are wider than the wood, and are puckered to give them a slight concavity underneath and make them coincide with the wood.

G is the finishing side, which is rounded and made

more elastic than the others by a thicker plate of cork, as seen in the drawing.

On this rounded side the leather is covered with a paint, known as French imperial green, and lard, in the proportion of one pound of the former to one-half of a pound of the latter.

By making the sides of the strop (except the hone side) elastic, by means of cork, a most durable surface is secured, one which always retains a uniform degree of elasticity, and preserves a smooth, even surface for the razor.

I do not broadly claim a flexible substance beneath the leather, as I am aware that such substances have been used; but I am not aware that any substance possessing the required degree of softness and elasticity, and which would insure a smooth and even surface until the strop should be worn out, has hitherto been used.

Being a manufacturer of razor-strops, I have discovered, after many experiments, that cork is the proper article to be used for this purpose.

The method of using the sides of the strop, after honing, is in the order of E, F, and G.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

1. A four-sided razor-strop, having each side provided, respectively, with the compositions named, and in the proportions specified, to form successive surfaces on which the razor is to be drawn, for the purpose set forth.

2. The finishing-side G of a razor-strop, formed of a segmental cork, with the chord thereof on the wood, and the arc covered with leather, all as set forth.

3. The combination of a leather strip with a cork layer, puckered to produce a slight concavity and greater elasticity for use, upon the sides E and F of a razor-strop.

4. A hone formed on the side C of a razor-strop from pulverized bone-dust, glue, and flour, in the proportions specified.

5. A preparation made of crocus and lard ground together, in the proportions specified, to form a surface for the No. 2, or side E, of a razor-strop.

6. A preparation made of French imperial green and lard, in the proportions specified, to form a surface for the No. 4, or side G, of a razor-strop.

The above specification of my invention signed by me this 5th day of February, 1870.

WILLIAM D. EVANS.

Witnesses:

GEO. W. MABEE,  
ALEX. F. ROBERTS.