

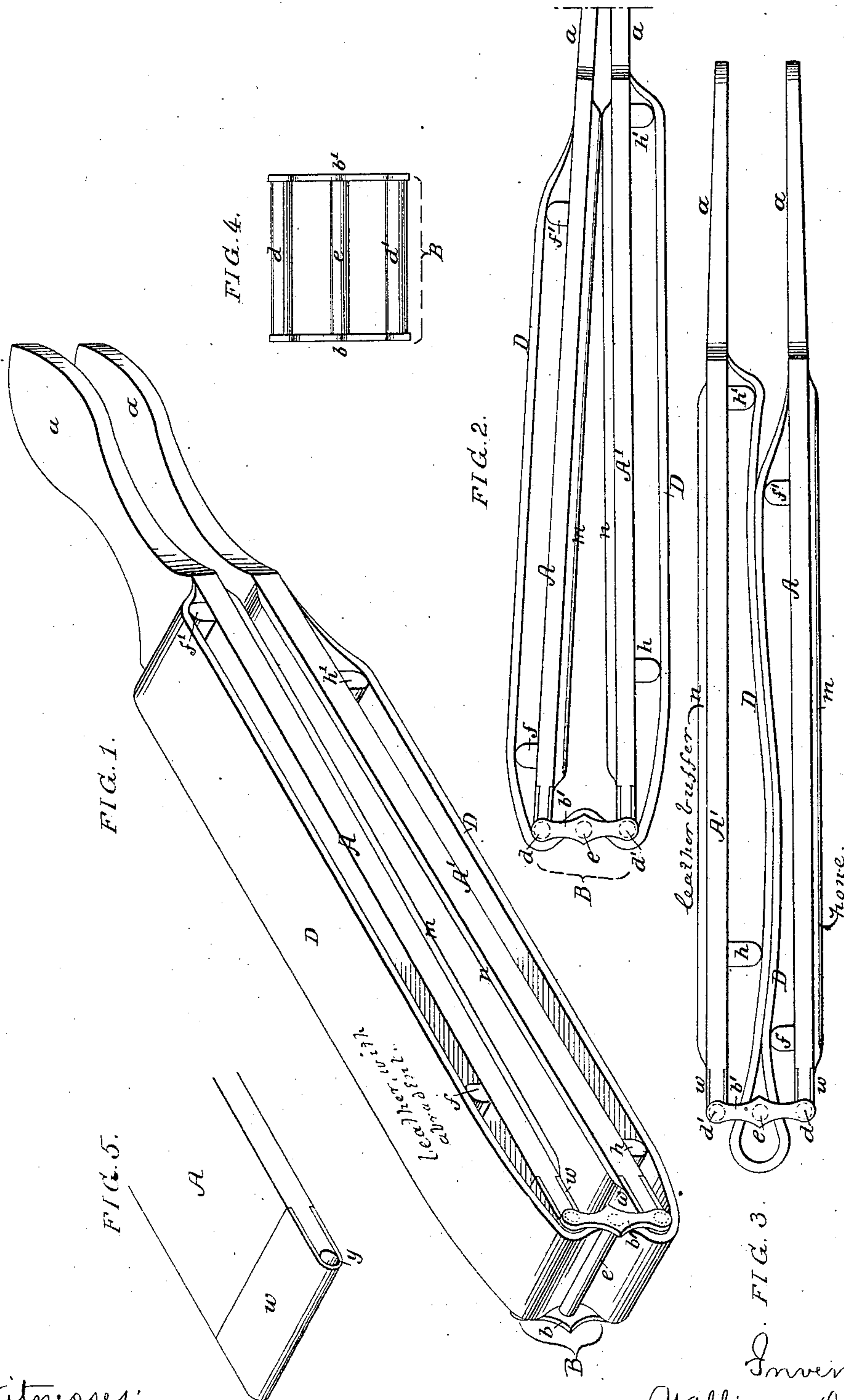
(No Model.)

W. D. EVANS.

RAZOR STROP.

No. 312,104.

Patented Feb. 10, 1885.



Witnesses:
John E. Parker
James J. Tobin

Inventor
William D. Evans
by his Atty
Horton and Co.

UNITED STATES PATENT OFFICE.

WILLIAM D. EVANS, OF PHILADELPHIA, PENNSYLVANIA.

RAZOR-STROP.

SPECIFICATION forming part of Letters Patent No. 312,104, dated February 10, 1885.

Application filed April 24, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM D. EVANS, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain Improvements in Razor-Strops, of which the following is a specification.

My invention consists of a razor-strop constructed in the peculiar manner fully described hereinafter, mainly with the view of imparting more or less tension to the leather strap which forms part of the instrument, and of relieving the said strap from all tension when not required for use.

In the accompanying drawings, Figure 1 is a perspective view of my improved razor-strop as it appears when the leather strip is tightened and in a condition to be used; Fig. 2, an edge view of Fig. 1; Fig. 3, an edge view of the strop as it appears when turned to a position the reverse of that shown in Fig. 2; Fig. 4, a view of the connecting-link, and Fig. 5 a portion of one of the strips and its hinge.

Two strips, A A', of wood or other available material and of appropriate width and length, are at one end connected together by a link, B, the opposite ends being formed into handles *a a*. This link B consists of two small metal plates, *b b'*, connected together by the two cross-bars *d d'* and central bar, *e*, the strip A being hinged to the cross-bar *d*, and the strip A' to the cross-bar *d'*.

I prefer to make the hinge in the manner shown in Fig. 5, where it will be seen that a bent plate, *w*, is secured to the wooden strip, the plate presenting an opening, *y*, for one of the cross-bars of the link. A strap, D, of leather or equivalent material, is attached at one end to the strip A, near its handle *a*, passes in contact with two bridges, *f f'*, on the said strip to the hinge of the same, partly round the latter and round the central cross-bar, *e*, to the hinge of the strip A', partly round the same, and extends in contact with the bridges *h h'* of the strip A' to a point near its handle, where it is secured. When the strop is in the condition shown in Figs. 1 and 2, and the handles of the two strips A A' are

grasped by the hand and pressed together, the leather strap will be tight and in a condition for use, two portions of the strap being presented for razor-sharpening—one portion between the bridges *f f'* and the other portion between the bridges *h h'*—and, if desired, these two portions may be coated or impregnated with different compositions, such as are usually applied to razor-strops. The tightness of the strap may be increased or diminished by the manipulation of the handles.

When the leather strap is not required for further sharpening purposes, the strips A A' are turned to a position the reverse of that shown in Fig. 2, and the leather strap will then be contained in the slack condition shown in Fig. 3 between the two strips. I prefer to attach an artificial hone, *m*, for coarse sharpening, to one of the strips—to the strip A, for instance—and a smooth buffing-piece, *n*, of leather or other suitable material, to the other strip, A'.

The main object of my invention, however, is to relieve the leather strap D from tension when not in use, for the continued stretching of the strap is liable to detract from its usefulness.

I claim as my invention—

1. The combination of the strips A A' with the link-hinge B, to which the said strips are hung, and the strap D, connected at its opposite ends to the strips, as specified.

2. The combination of the strips A A', having bridges, as specified, with the link-hinge B and strap D, as set forth.

3. The combination of the strips A A', having razor sharpening or setting surface on one side, with the link-hinge B and strap D, the latter being arranged on the opposite sides of the strips, substantially as specified.

Intestimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM D. EVANS.

Witnesses:

JOHN M. CLAYTON,
HARRY SMITH.