

No. 815,252.

PATENTED MAR. 13, 1906.

J. BAILEY.  
RAZOR STROP.

APPLICATION FILED MAY 4, 1904.

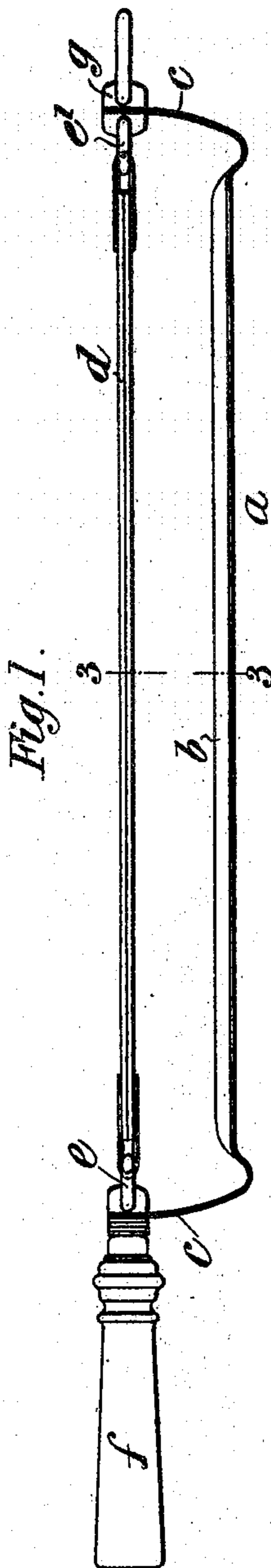


Fig. 1.

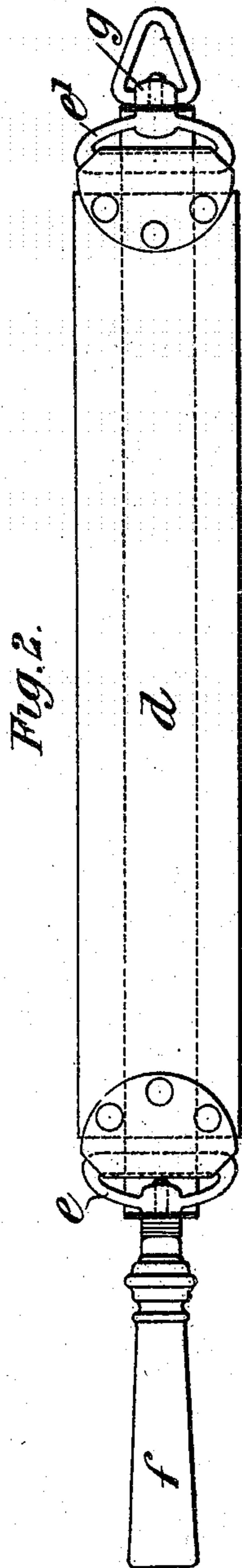


Fig. 2.

Fig. 3.

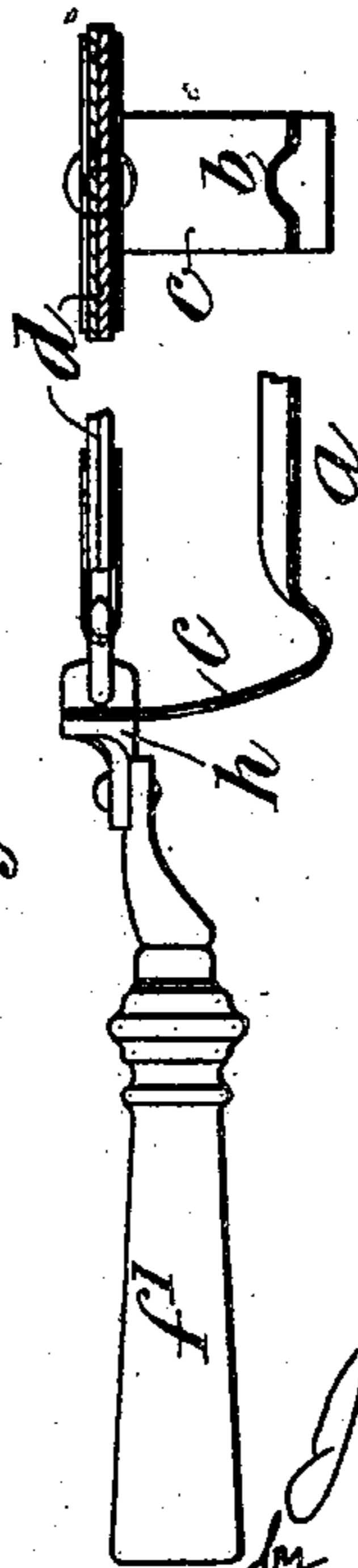


Fig. 4.

Fig. 6.

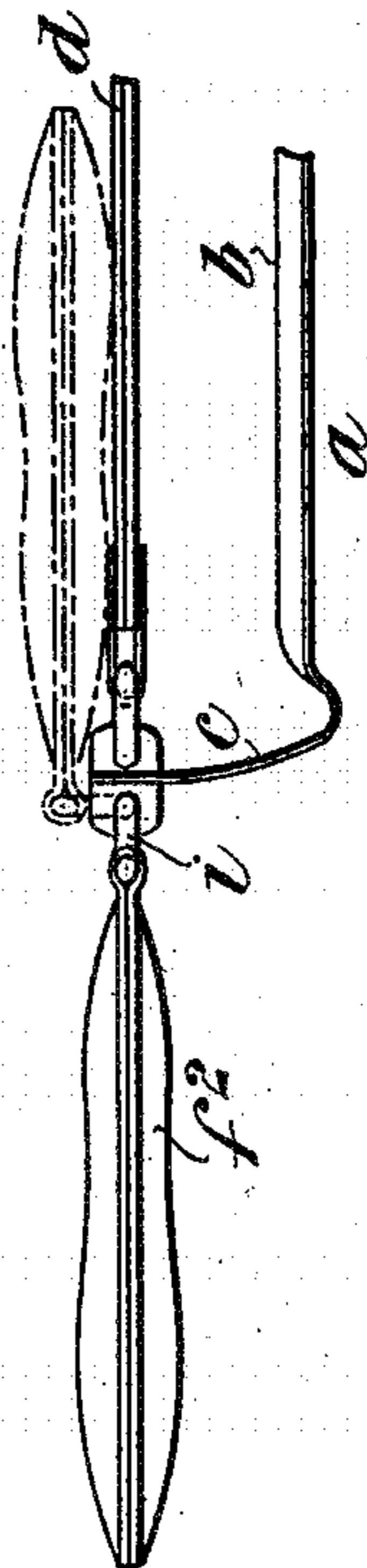


Fig. 7.

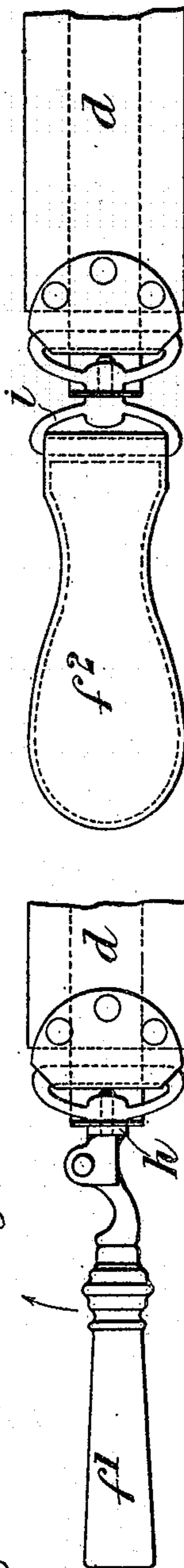


Fig. 5.

Witnesses.  
Frank H. Wornel  
Wm. H. Shaw

James Bailey Inventor.  
by Robt B Killgore,  
His Attorney

# UNITED STATES PATENT OFFICE.

JAMES BAILEY, OF WALSALL, ENGLAND.

## RAZOR-STROP.

No. 815,252.

Specification of Letters Patent.

Patented March 13, 1906.

Application filed May 4, 1904. Serial No. 206,333.

*To all whom it may concern:*

Be it known that I, JAMES BAILEY, a subject of the King of Great Britain, residing at The Mill House, Walsall, Staffordshire, England, have invented new and useful Improvements in Razor-Strops, of which the following is a specification.

My invention relates to razor-strops of the kind wherein a flexible band or strap of leather or other material or of a combination of materials is made use of; and it consists chiefly in mounting this band in a spring-frame, in which the band can be reversed to bring either side thereof into position for use.

In carrying out my invention I make use of a frame composed of a strip of steel of a length which exceeds the length of the band by about twice the width of the said band, the said strip being fluted or corrugated for the major portion of its length, so as to prevent it from bending. The end portions of the strip, however, are left plain and are bent more or less at right angles to the other part of the strip in order to form spring pillars or uprights for carrying the supports to which the ends of the band are attached.

In the accompanying drawings, Figure 1 is a side view of a strop constructed according to my invention, and Fig. 2 is a plan of the same. Fig. 3 is a section on the line 3 3, Fig. 1. Figs. 4 and 5 are respectively an elevation and a plan illustrating the method of pivoting the handle of the strop; and Figs. 6 and 7 are views similar to Figs. 4 and 5, respectively, illustrating another arrangement of pivoted handle.

*a* is the frame of the strop, which is formed of a steel strip, provided for the greater part of its length with the flute *b* for stiffening the said strip and bent at the ends to form the uprights *c c* for carrying the strap or stropping material *d*, the said uprights acting as springs to maintain the strap taut. In the drawings this strap *d* is represented as being composed of two layers of material—namely, one of leather and one of woven fabric. It is to be understood, however, that the construction of the stropping-surfaces forms no part of my invention.

The strap is mounted in the uprights *c c* by attaching it at the ends to two D-shaped

eyes *e e'*, each of which is mounted upon a central pivot extending through the adjacent upright *c*. As shown in the drawings, the pivot at one end is attached to the handle *f* and inserted into a screw-threaded boss on the eye *e*, while at the other end the pivot is fixed to the eye *e'* and is held in place by means of a nut *g*. It will be noticed with this arrangement that the strap can be turned upon the pivots so as to bring either side of the same uppermost.

In the arrangement shown in Figs. 1 and 2 the handle is rigid relatively with the strop. I sometimes, however, arrange the handle so that it can be folded to lie practically within the length of the strop, so that the latter occupies as small a space as possible to pack.

As shown in Figs. 4 and 5, the handle *f'* instead of carrying the pivot-pin which is screwed into the link *e* is pivoted to a block *h*, carrying the said pivot-pin, the said handle being bent down somewhat, as shown in Fig. 4, so that it can be turned back into the space between the strap and the frame.

As shown in Figs. 6 and 7, the handle *f''*, which may be made of leather, is attached to a link *i*, carrying the pivot-pin and engaging with the link *e* on the strap. With this arrangement the handle can be turned so as to lie upon the top of the strap, as indicated by the dotted lines in Fig. 6.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is—

1. In a razor-strop, the combination of a frame having spring-uprights and a strap mounted between the said uprights and adapted to be rotated thereon, substantially as, and for the purpose, described.

2. In a strop the combination with a spring-frame and a strop rotatably mounted therein, of a handle, a hinge connecting said frame and handle whereby the handle may be turned so as to lie practically within the length of the frame.

JAMES BAILEY.

Witnesses:

OCTAVUS VALENTINE SMITH,  
ERNEST HARKER.