

(No Model.)

A. HARVEY.  
SLEEVE HOLDER.

No. 467,412.

Patented Jan. 19, 1892.

FIG. 1.

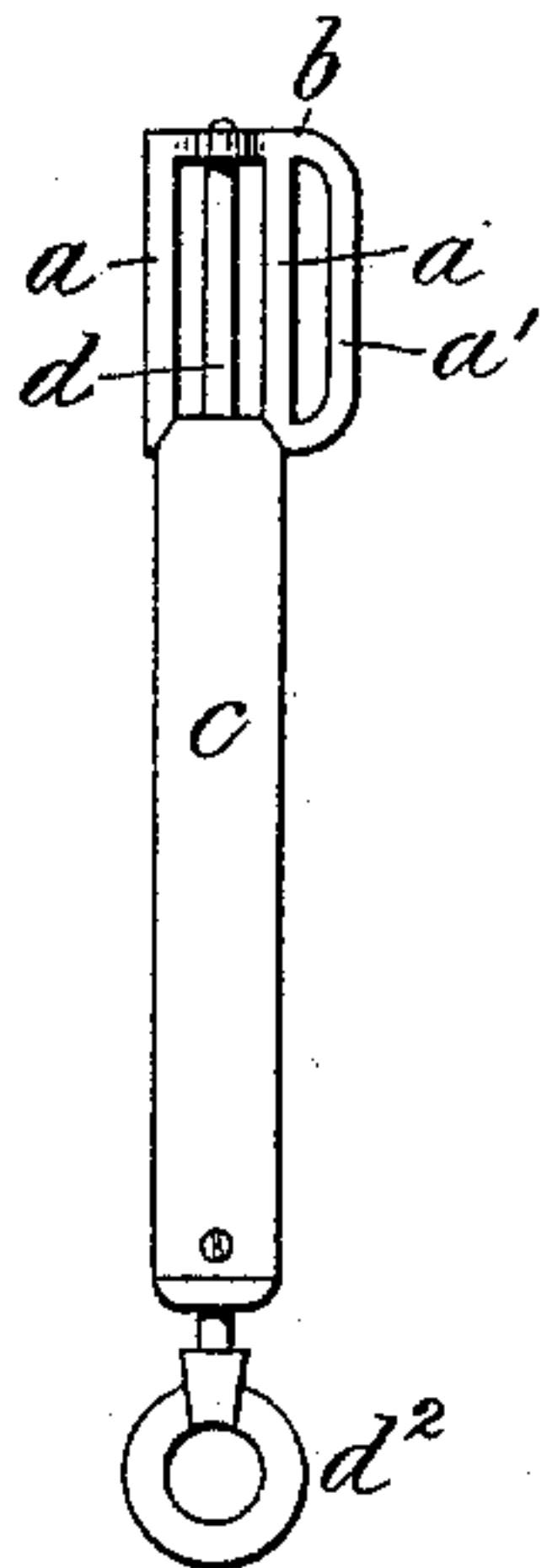


FIG. 2.

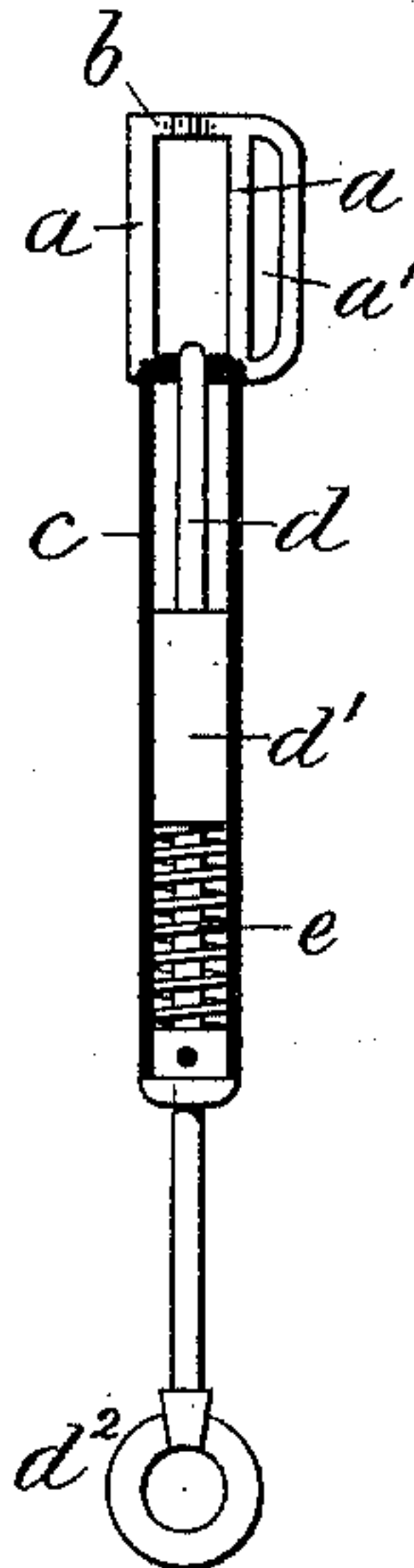


FIG. 3.

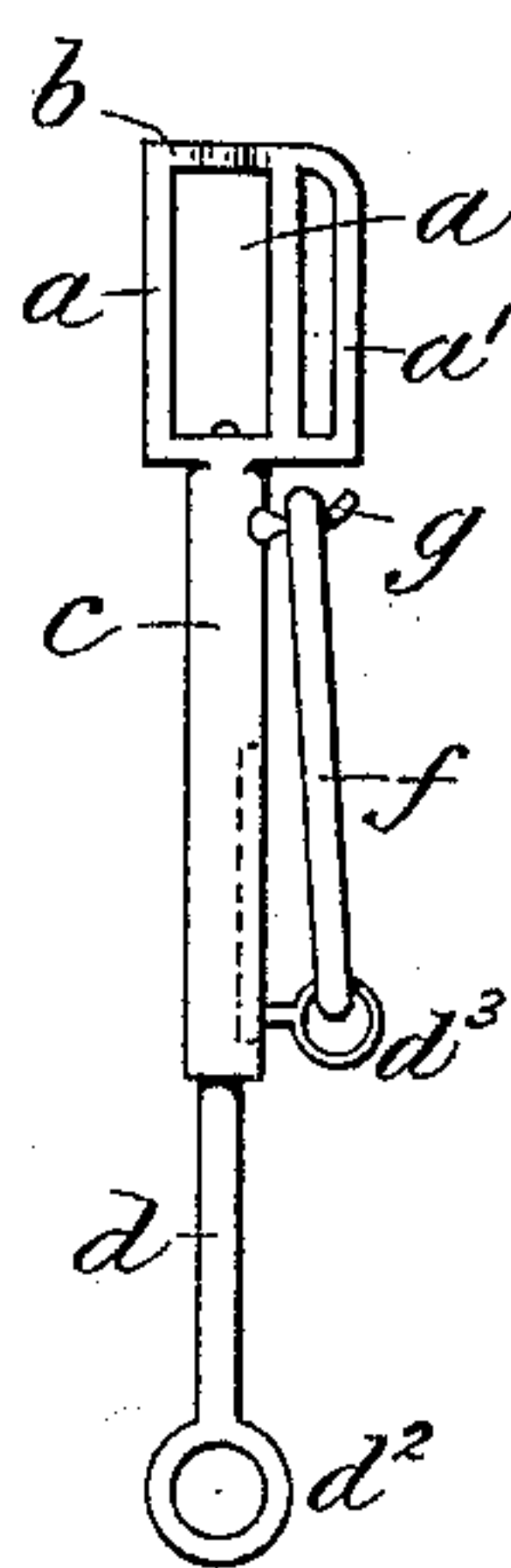


FIG. 4.

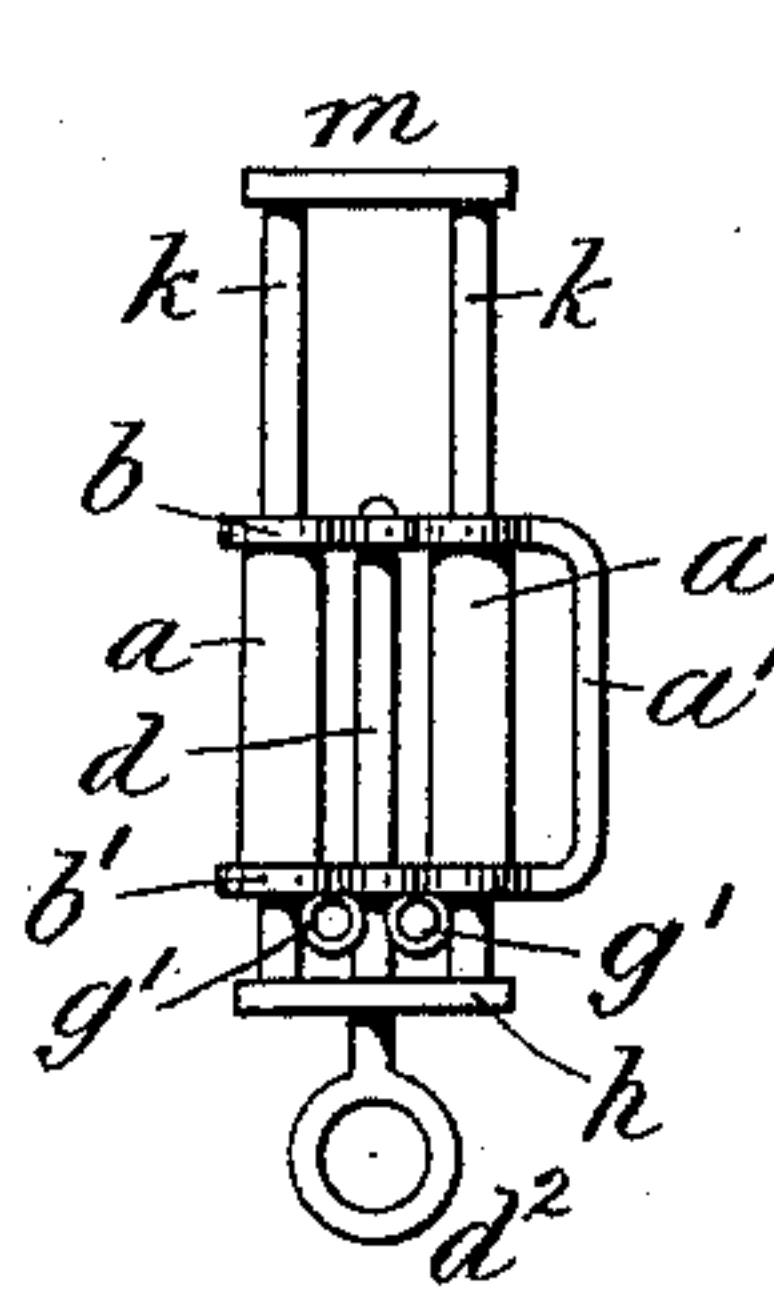


FIG. 5.

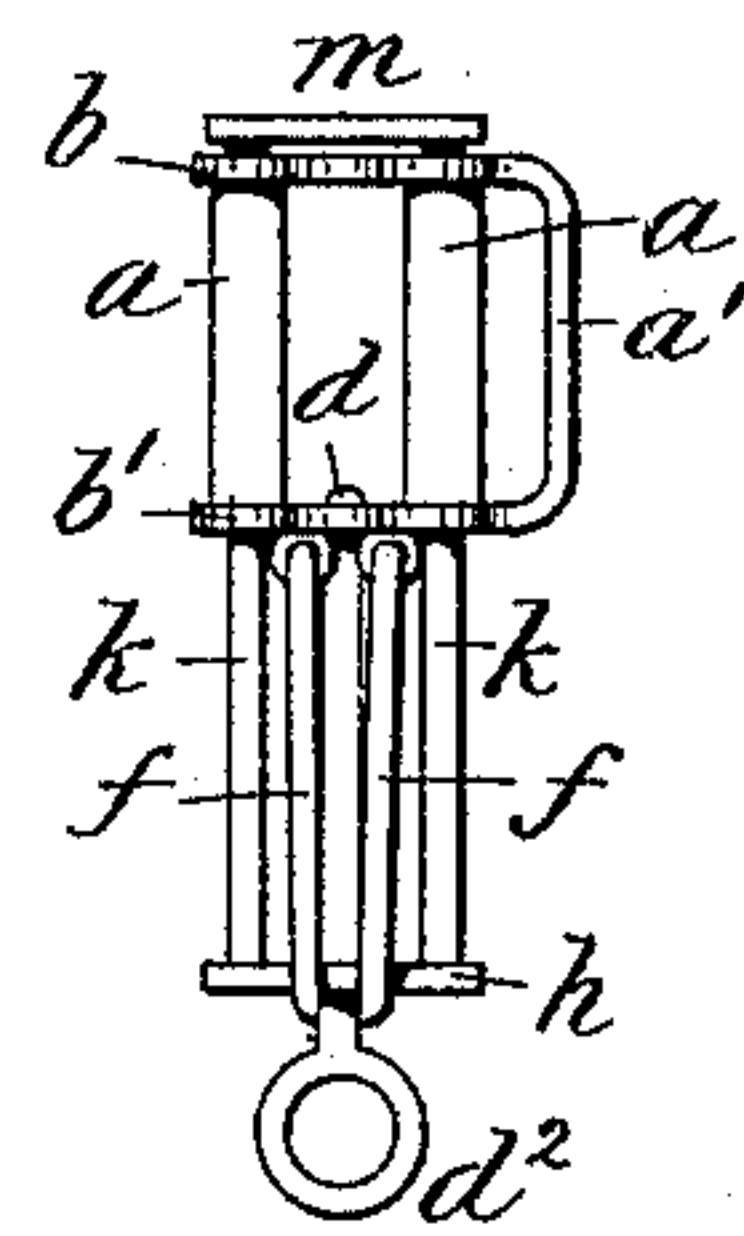


FIG. 7.

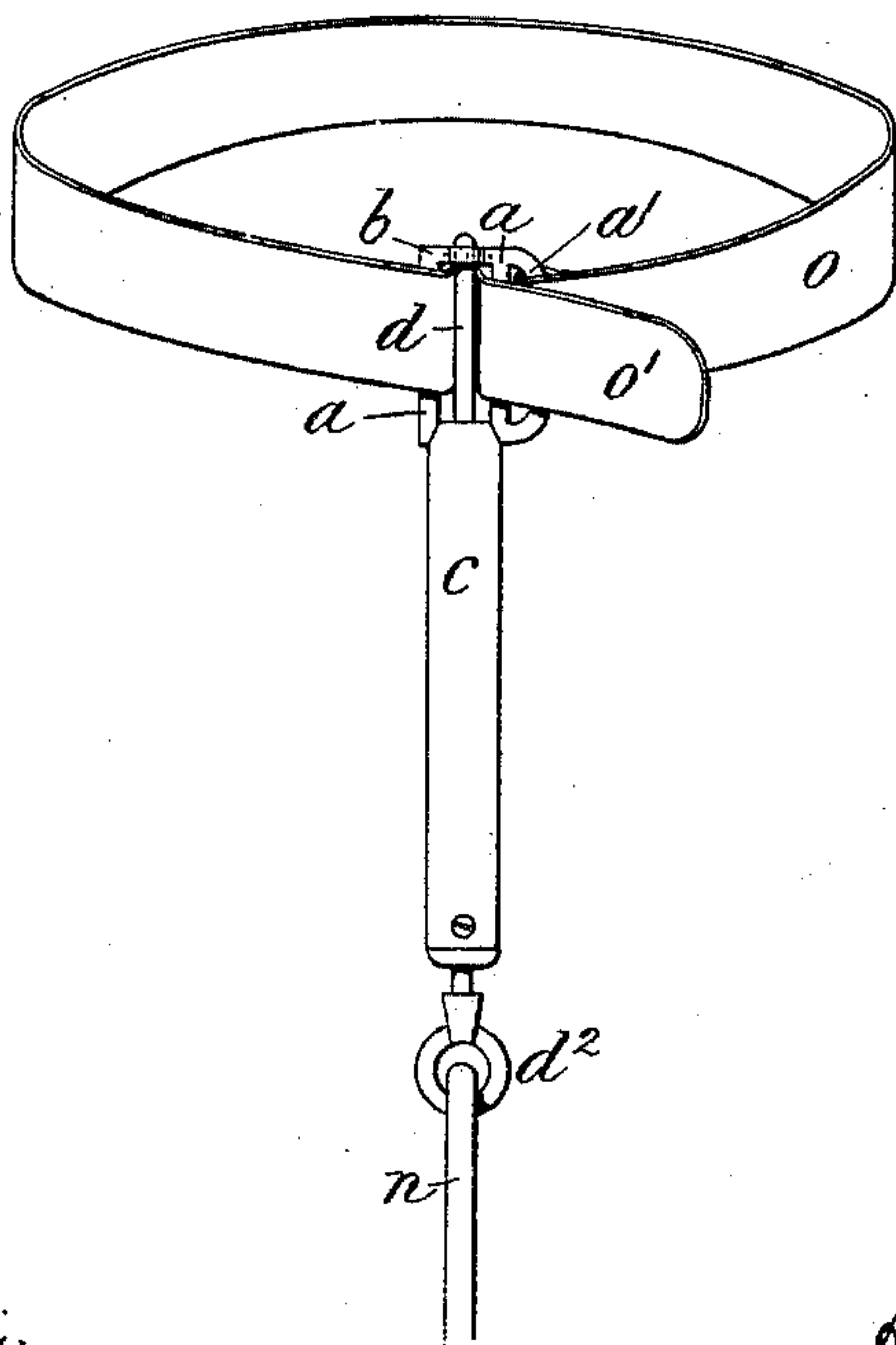
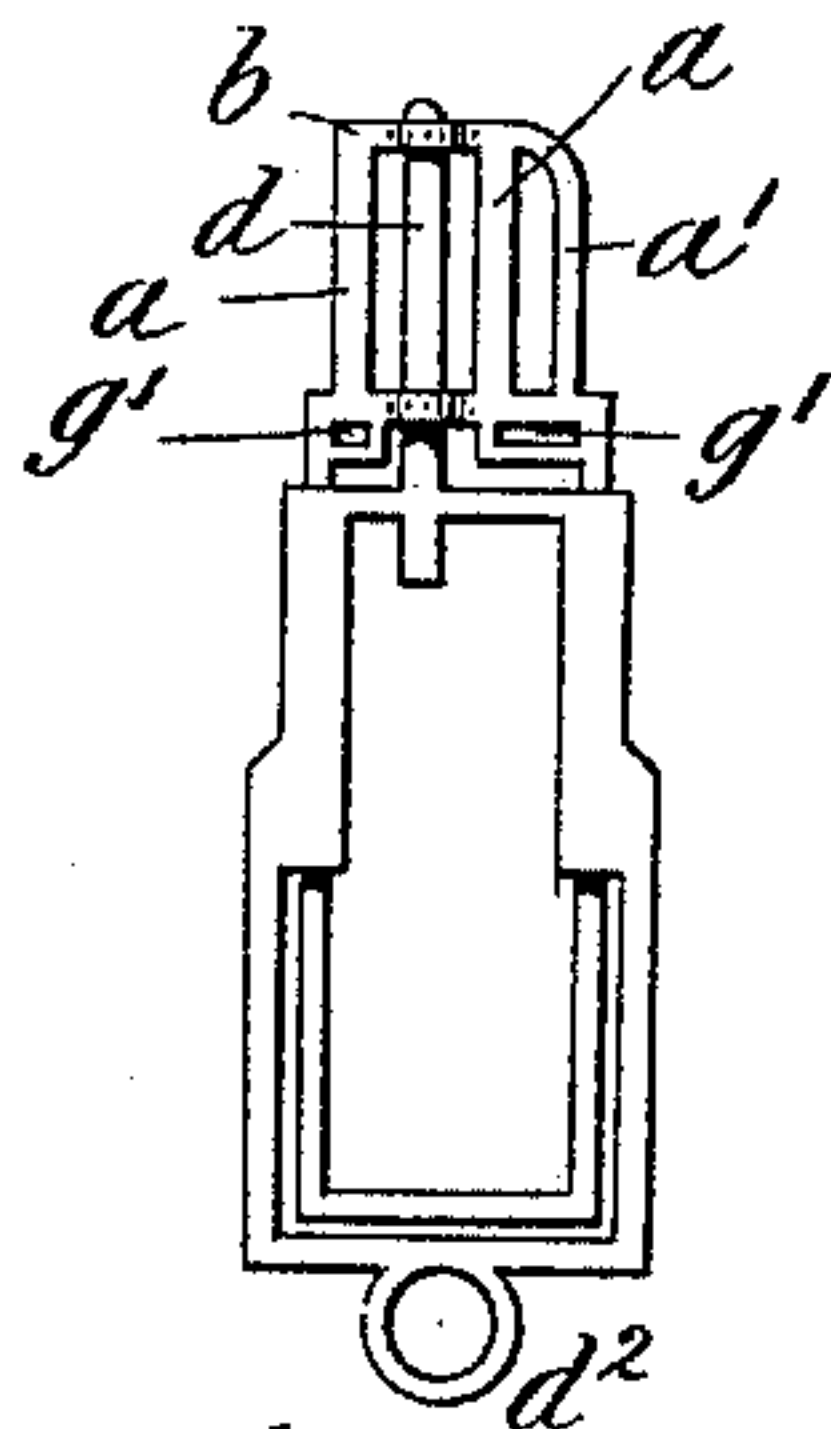


FIG. 6.



Witnesses

John Hopkin  
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Inventor  
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# UNITED STATES PATENT OFFICE.

ALBERT HARVEY, OF GREAT GRIMSBY, ENGLAND.

## SLEEVE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 467,412, dated January 19, 1892.

Application filed September 11, 1890. Serial No. 364,702. (No model.) Patented in England September 16, 1890, No. 14,576.

To all whom it may concern:

Be it known that I, ALBERT HARVEY, watch-maker, a subject of the Queen of Great Britain, residing at 64 Cleethorpe Road, Great Grimsby, Lincolnshire, England, have invented certain new and useful Improvements in Sleeve-Holders, (for which I have obtained a patent in Great Britain, No. 14,576, bearing date September 16, 1890,) of which the following is a specification.

This invention relates to sleeve-holders for holding portions of garments in position while other garments are being drawn over them; and it consists of a buckle having a sliding tongue, a band used therewith, and a cord for releasing the band from the buckle. The frame of the buckle is formed with three upright bars or tubes united at each end by cross-bars, the end bars being formed with holes for receiving the sliding tongue. The band or tape forming part of the device may be elastic or non-elastic. One end of this band is permanently fixed to one of the bars of the buckle and the other end is attached to and detached from the buckle by the action of the sliding tongue. The sliding tongue is sometimes fitted with a spring for retaining it in the locked position.

In order that my said invention may be particularly described and ascertained, reference is hereby made to the accompanying drawings, in which similar letters of reference indicate corresponding parts.

Figure 1 is an elevation, and Fig. 2 a section, showing one form of buckle fitted with a spiral spring for raising the tongue. Fig. 3 shows a modification, a rubber band *f* being applied in substitution of the spring *e*. Figs. 4, 5, and 6 show other modifications in the method of guiding the sliding tongue, and Fig. 7 shows the method of attaching the band.

Referring to Figs. 1, 2, 3, 6, and 7, *a a a'* are the three upright bars forming part of the frame of the buckle.

*b* is the top bar, and *c* is a tube to which the lower ends of the bars *a a a'* are attached.

*d* is the sliding tongue.

In Figs. 1 and 2 the tongue *d* is shown pro-

vided with a piston *d'* for receiving the thrust of a spiral spring *e*.

In Fig. 1 the tongue *d* is shown raised, and in Fig. 2 it is shown pulled down, the spring *e* being thereby compressed.

*d<sup>2</sup>* is a ring for attaching the releasing-cord *n* to the tongue.

In Fig. 3 the tongue *d* is a straight rod having an eye *d<sup>2</sup>* for the releasing-cord, and another eye *d<sup>3</sup>*, passing through a side slot in the tube *c*, for receiving one end of a rubber tension-band *f*. The other end of this band is attached to a hook *g*, fixed to the tube *c*. The action of the tension-band *f* is similar to that of the spring *e* in raising the tongue *d* to the position shown in Fig. 1. The buckle may be used without the springs *f f*, if preferred.

In Figs. 4 and 5 the two bars *a a* of the frame are tubular and united to the top plate *b* and bottom plate *b'*. The tongue *d* is provided with cross-bars *h* and *m*, and guide-bars *k k* sliding in the tubes *a a*.

*g' g'* are eyes for receiving rubber tension-bands *f f*, these bands being shown extended in Fig. 5, but omitted in Fig. 4 for the sake of clearness.

Fig. 4 shows the buckle in the locked position, and Fig. 5 unlocked.

Obvious modifications may be made in the attachments to the sliding tongue *d*, one of which is shown in Fig. 6, and such attachments may be made more or less ornamental, as required. One end *o* of the band, Fig. 7, is permanently fixed to the bar *a'* of the buckle. The other end *o'* is fixed by forming a loop therein and inserting it in the buckle, while the tongue is held down. On allowing the tongue to spring up again the band is secured. The cord *n* is made long enough to reach to the hand, and a loop is formed at the end for the thumb to engage in.

In using the holder it is passed over the hand and onto the sleeve. The holder can then be tightened by pulling the end *o'* of the elastic band through the buckle, after the holder is in position on the sleeve of the under-garment. The thumb is then passed through the loop at the outer end of the cord



*n*. The sleeve of the outer garment is then put on, after which the holder can be unfastened and withdrawn down the sleeve by pulling the cord *n*.

5 I claim—

1. A garment-sleeve holder consisting of a buckle having a top bar *b*, provided with vertical bars *a a a'*, a lengthwise-sliding tongue *d*, movable between the bars *a* to engage and  
10 disengage a part of the top bar, a guide forming a part of the buckle and guiding the tongue throughout its lengthwise movement, and an arm-band *o*, engaged at one end with the bar *a* and at its opposite end adapted to engage  
15 the tongue, substantially as described.

2. A garment-sleeve holder consisting of a buckle-frame having a top bar *b*, provided with bars *a a'*, a lengthwise-sliding tongue *d* for engaging and disengaging a part of the  
20 top bar, a guide forming a part of the buckle-frame and guiding the tongue throughout its lengthwise movement, an arm-band *o*, adapted to encircle the arm and engaged at one end

with the bar *a'* and at its other end with the tongue, and a lengthwise expansible and contractible spring which restores the tongue into engagement with the top bar after the tongue has been retracted from engagement with the arm-band, substantially as described. 25

3. A garment-sleeve holder consisting of a buckle-frame having the tubular bars *a a* and band-attaching arm *a'*, and a lengthwise-sliding tongue *d*, having a head *h*, provided with bars *k*, which are movable through the tubular bars of the buckle, substantially as described. 30 35

Dated this 29th day of July, 1891.

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Witnesses:

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