

(No Model.)

J. S. HENRY.  
SASH LOCK AND SUPPORT.

No. 517,456.

Patented Apr. 3, 1894.

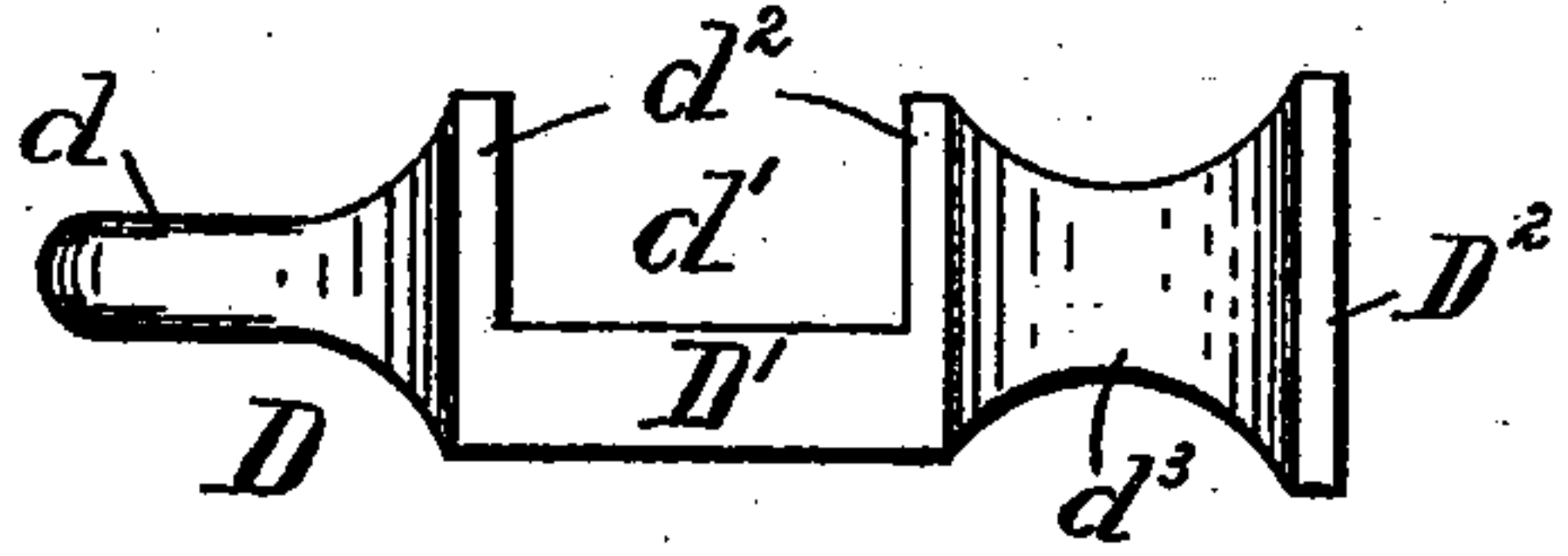


Fig. 1.

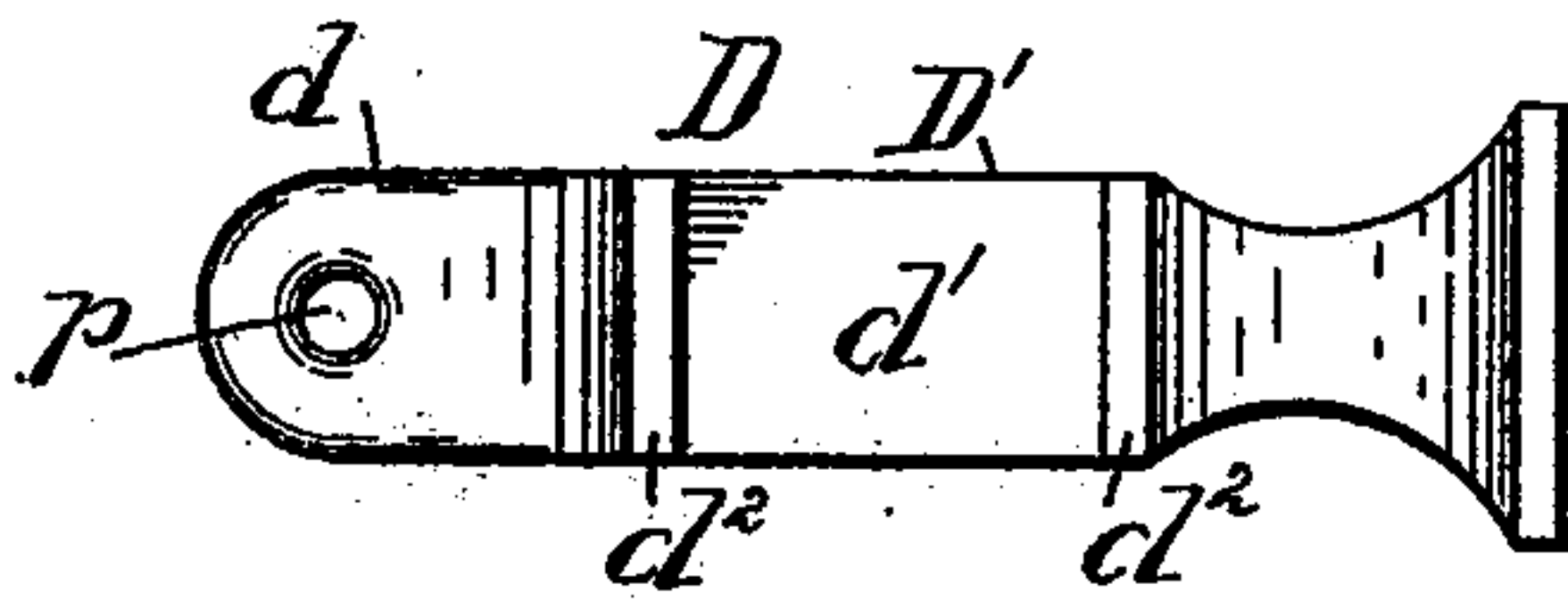


Fig. 2.

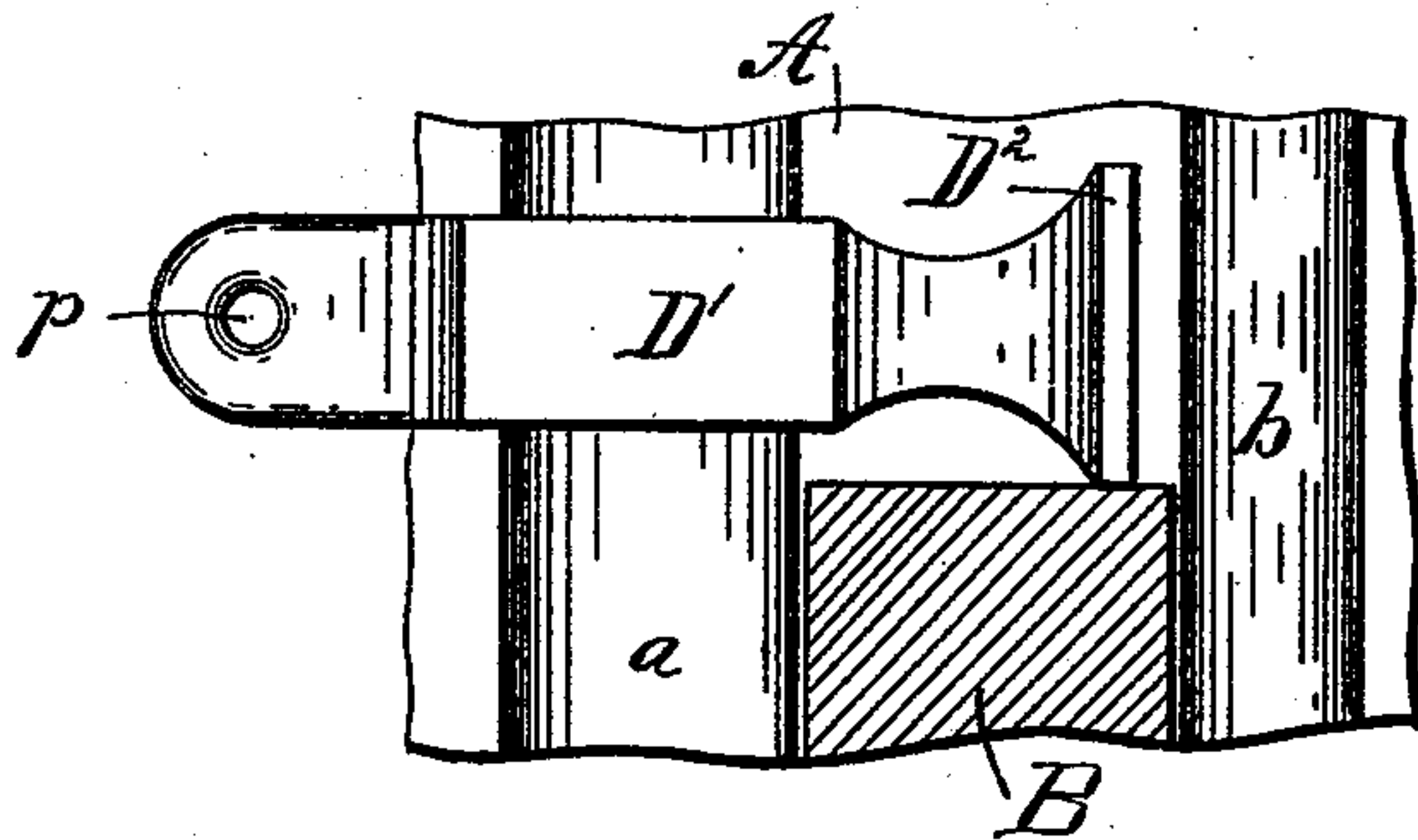


Fig. 3.

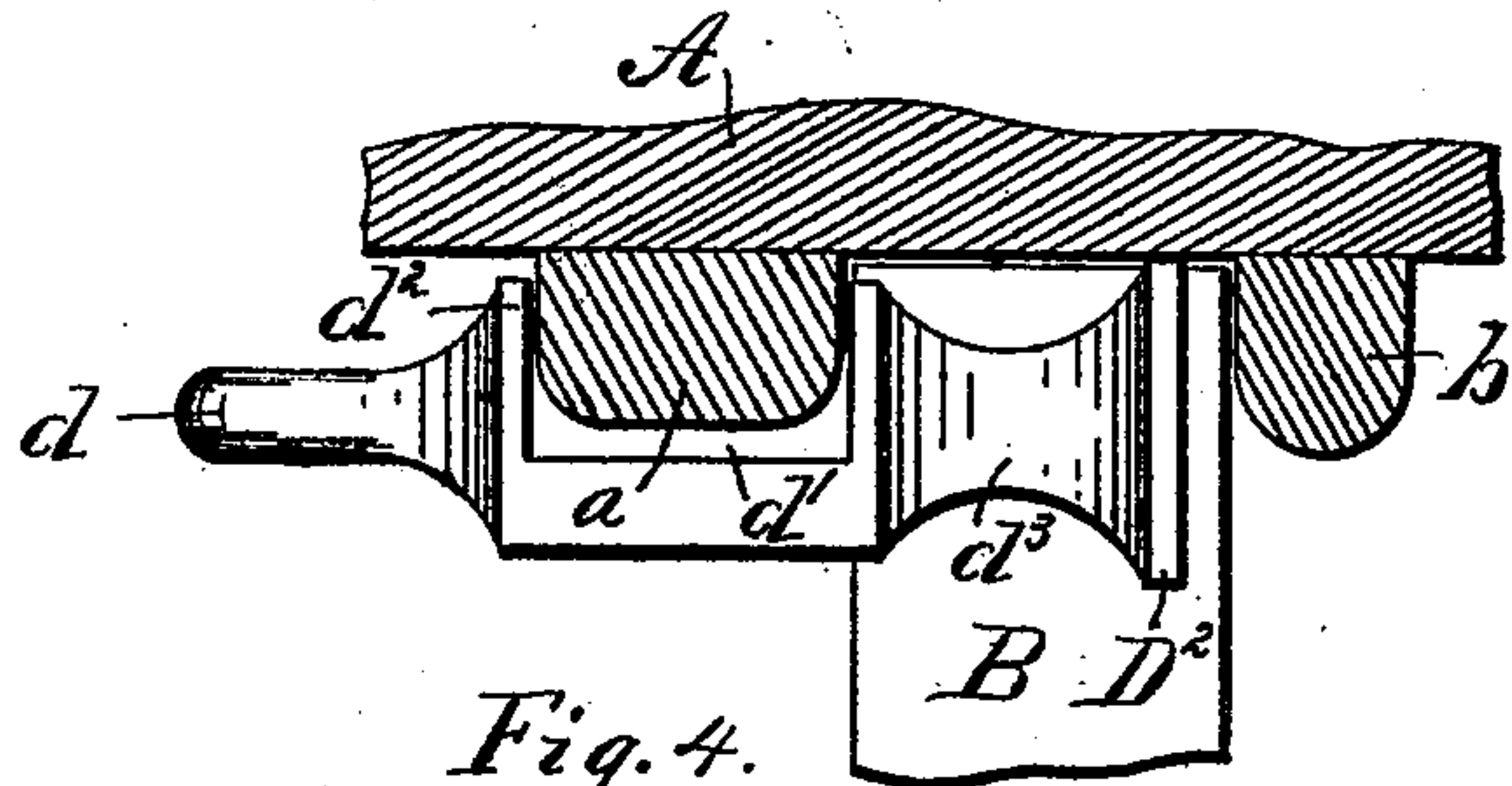


Fig. 4.

Witnesses

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# UNITED STATES PATENT OFFICE.

JOHN S. HENRY, OF MANHEIM, PENNSYLVANIA.

## SASH LOCK AND SUPPORT.

SPECIFICATION forming part of Letters Patent No. 517,456, dated April 3, 1894.

Application filed October 21, 1893. Serial No. 488,811. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN S. HENRY, a citizen of the United States, residing at Manheim, in the county of Lancaster and State of Pennsylvania, have invented certain Improvements in Sash Locks and Supporters, of which the following is a specification.

This invention relates to that class of devices used for holding window-sashes in an elevated position or securing them when they are lowered; and the object of the invention is to provide a holder which is cheap, strong, and simple in construction, and one which does not require the manipulation of any parts in its use.

The invention consists in the construction and combination of the various parts, as hereinafter fully described, and then specifically pointed out in the claims.

In the accompanying drawings, which form a part of this specification, Figure 1 is a top or plan view of the lock and supporter, and Fig. 2 an inner edge view of the same. Fig. 3 is a face view of a portion of a window frame, showing a lock and supporter applied thereto and securing a sash in its lowered position, and Fig. 4 a horizontal section on the line  $x-x$  of Fig. 3, more fully illustrating the connection of the lock and supporter with the various parts.

Similar letters indicate like parts throughout the several views.

Referring to the details of the drawings, A indicates a section of a side of a window-frame and casing; B, the meeting-rail of the lower sash;  $a$ , the bead secured to the window-frame inside of said sash, and  $b$  the parting-strip.

D indicates the sash-lock and supporter, comprising a handle  $d$ , an enlarged body  $D'$  having a recess  $d'$  in one edge, the jaws  $d^2$  of which are adapted to embrace the sides of bead  $a$ , and a head  $D^2$ , larger than body  $D'$  and connected therewith by a reduced neck  $d^3$ .

In using this lock and supporter, it is placed horizontally against the inner face of the casing with the jaws  $d^2$  embracing bead  $a$  and

the head  $D^2$  resting on the meeting-rail B, as seen in Figs. 3 and 4; or if the lock and supporter is to support the sash, the head  $D^2$  bears against the lower face of the bottom rail thereof in the same way, as will be readily understood.

The grip of this sash-lock and supporter is maintained on the bead by reason of the leverage afforded head  $D^2$  by neck  $d^3$ . It is therefore essential to the proper working of this lock and supporter that the head  $D^2$  be so large as to prevent the engagement of the rail of the sash with any other part thereof, and that head  $D^2$  be located far enough from the body  $D'$  to cause jaws  $d^2$  to bind firmly against the bead. This binding may also be accomplished without reducing the portion or neck connecting the head with the body of the device by so enlarging the head as to avoid the necessity for such reduction. But, in practice, the construction shown and described is preferred.

As will be seen, my lock and supporter is exceedingly simple in construction, is strong, and can be readily handled by any one. Handle  $d$  has a perforation  $p$ , through which it can be hung on a nail when not in use or be permanently attached to the window-frame by a cord.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A sash-lock and supporter comprising a body having jaws adapted to engage a bead of the window-casing, and an enlarged head constructed to engage a rail of the sash, substantially as specified.

2. A sash-lock and supporter comprising a body having jaws adapted to engage a bead of the window casing, and an enlarged head connected therewith by a reduced neck, substantially as specified.

Witnesses:

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