

(No Model.)

F. AURAND & F. H. SHERER.

SASH HOLDER.

No. 312,315.

Patented Feb. 17, 1885.

Fig. 1.

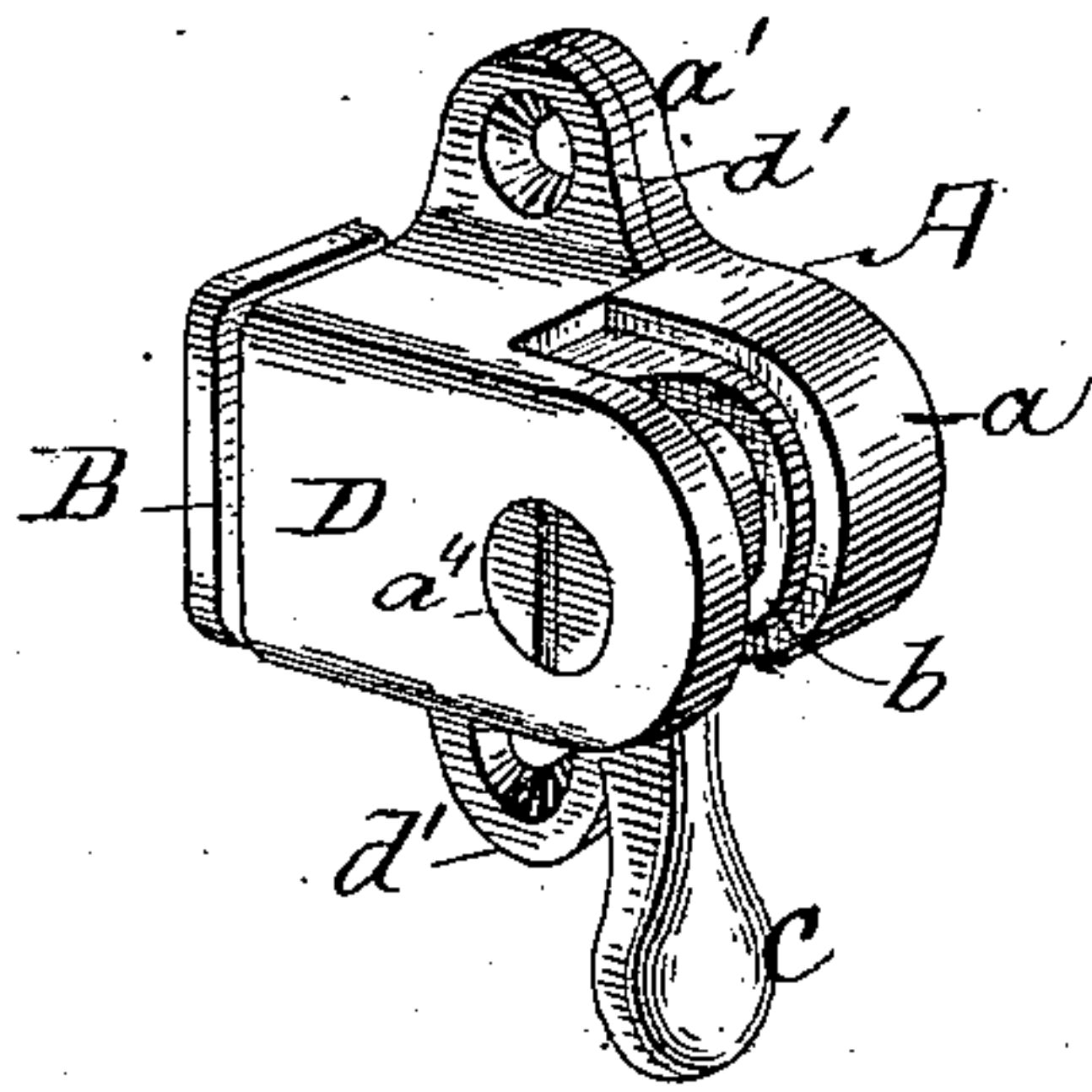


Fig. 2.

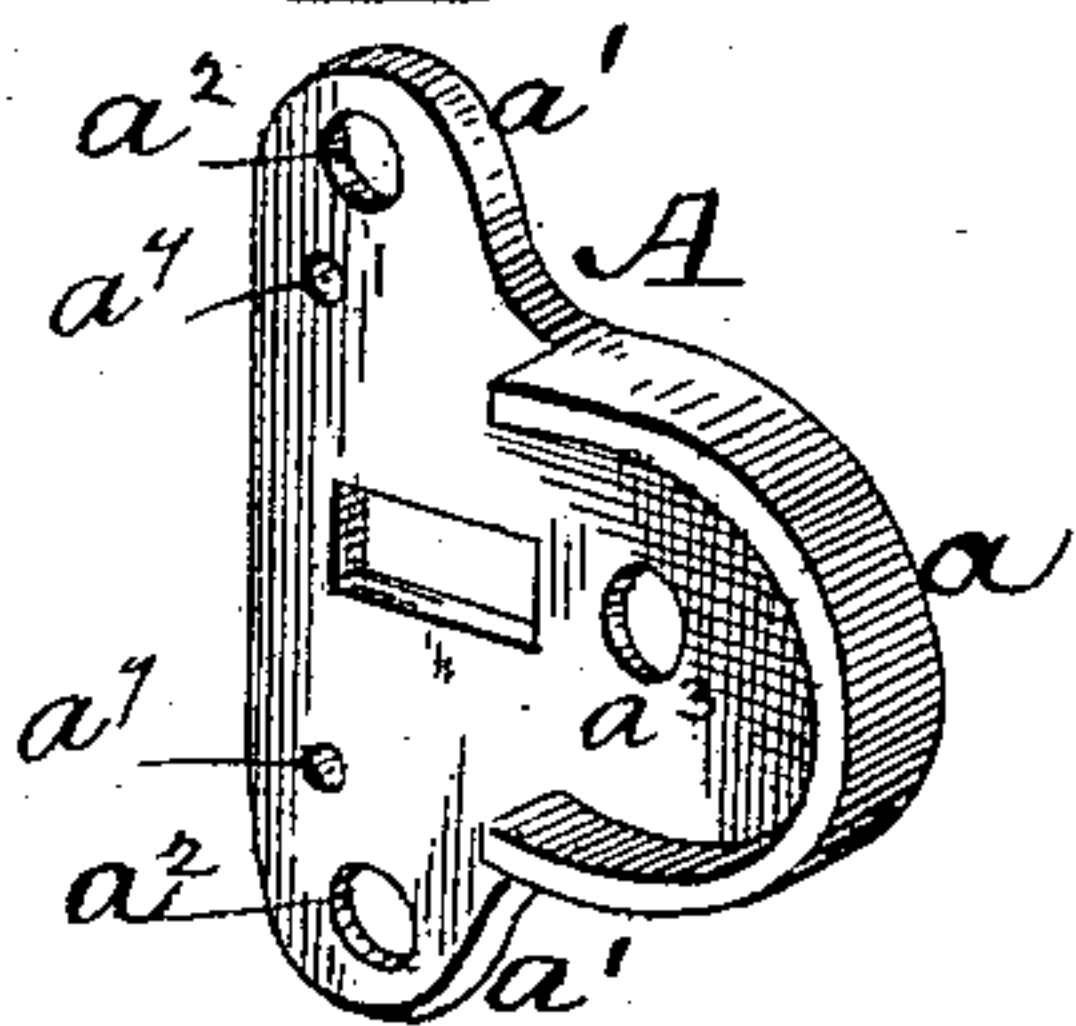


Fig. 3.

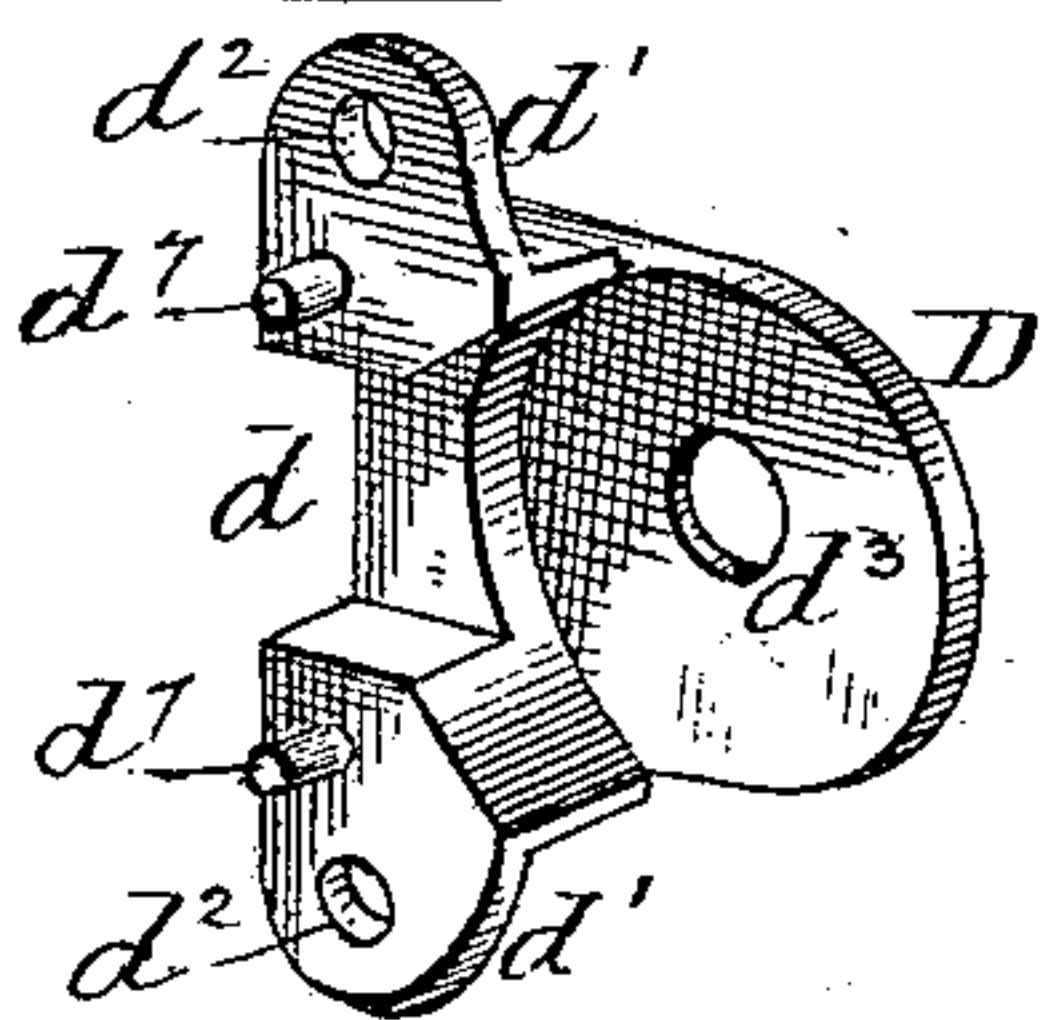


Fig. 4.

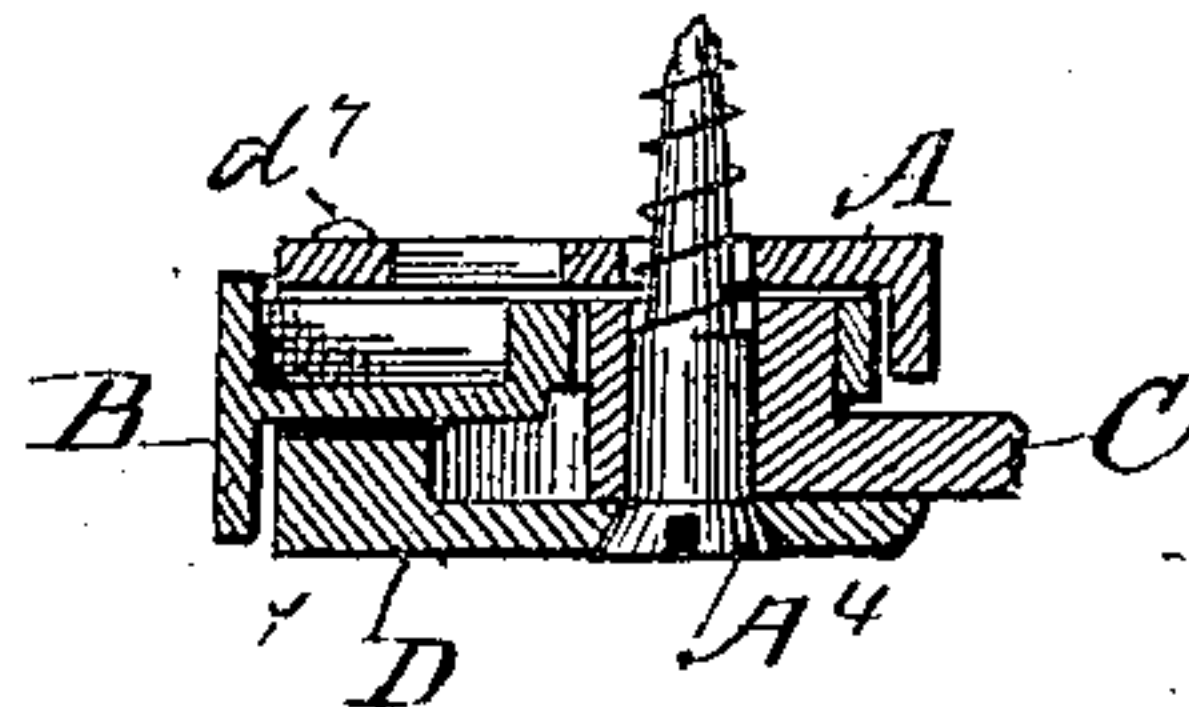


Fig. 5.

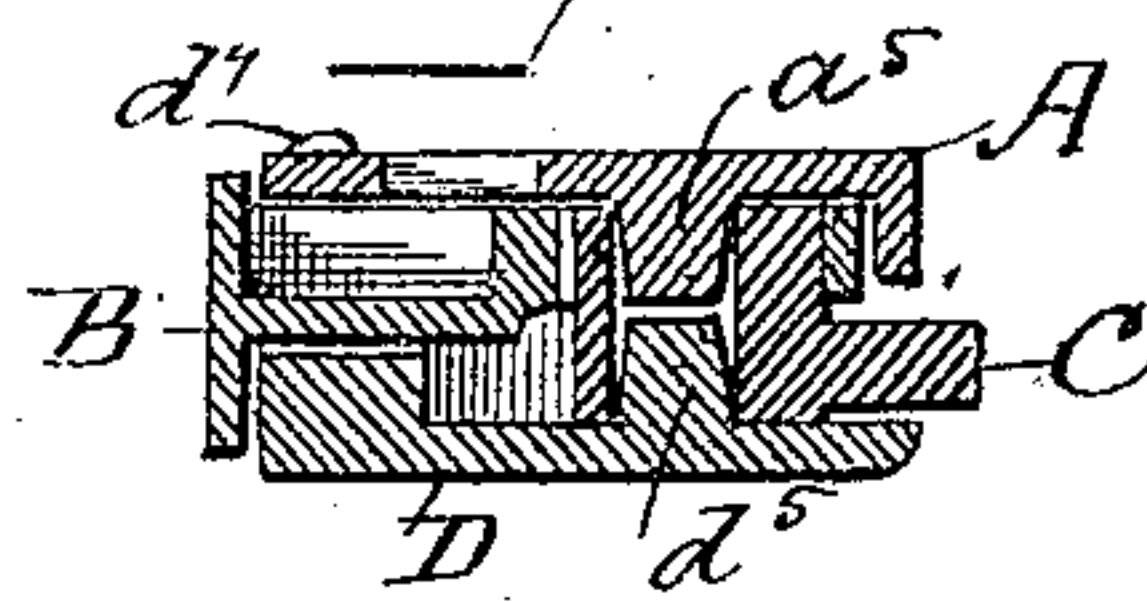


Fig. 6.

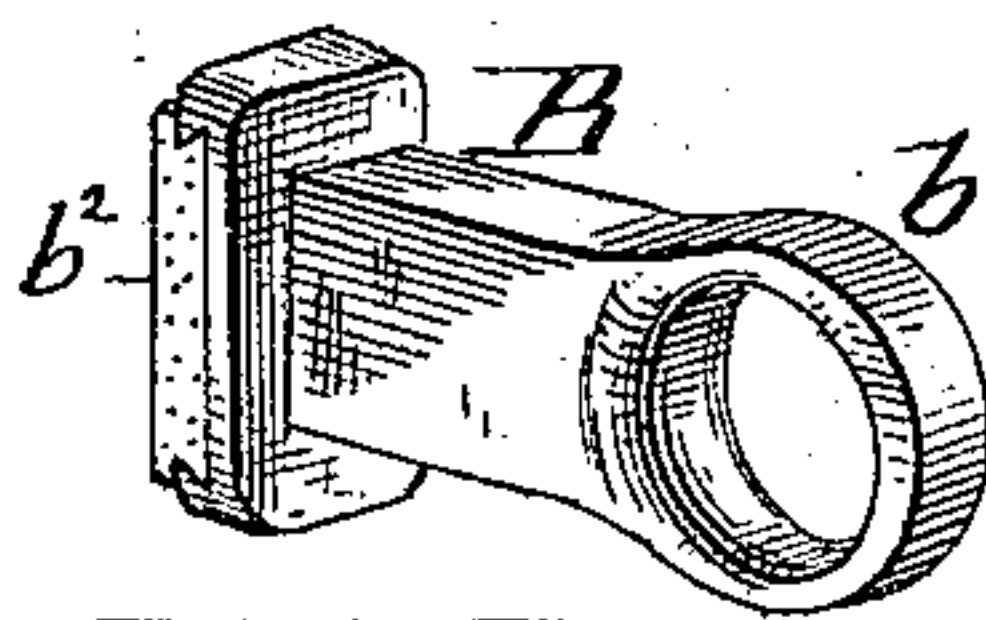
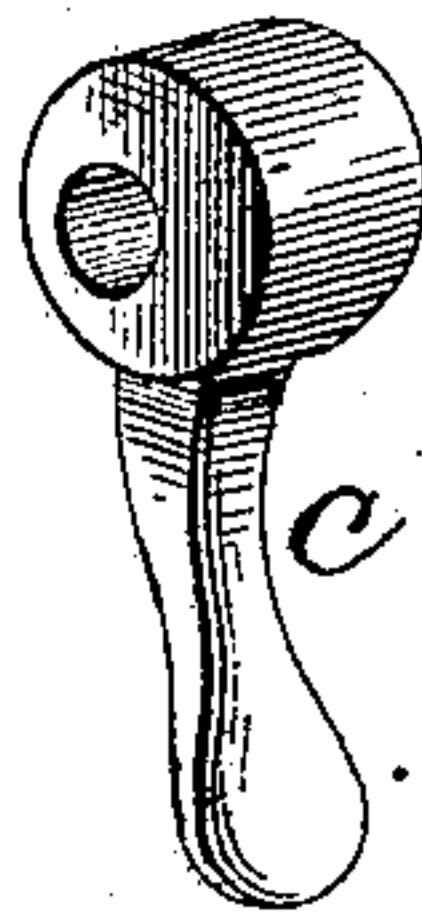


Fig. 7.



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# UNITED STATES PATENT OFFICE.

FRED AURAND AND FREEMAN H. SHERER, OF YOUNGSTOWN, OHIO.

## SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 312,315, dated February 17, 1885.

Application filed July 14, 1884. (No model.)

*To all whom it may concern:*

Be it known that we, FRED AURAND and FREEMAN H. SHERER, citizens of the United States, residing at Youngstown in the county of Mahoning and State of Ohio, have invented certain new and useful Improvements in Sash-Holders, of which the following is a specification, reference being had therein to the accompanying drawings, in which—

10 Figure 1 is a perspective of a window-holder constructed in accordance with our invention. Fig. 2 is a perspective view, showing the inside of the back plate thereof. Fig. 3 is a similar perspective view of the front plate. 15 Fig. 4 is a longitudinal horizontal section of the device. Fig. 5 is a similar section of a modification thereof. Fig. 6 is a perspective of the bolt. Fig. 7 is a perspective view of the eccentric lever.

20 Like letters refer to like parts in all the figures.

Our invention relates to that class of sash-holders which comprise an eccentric cam-lever, a sliding bolt adapted to receive said eccentric cam, and a casing for these elements; 25 and the object of our invention is to provide a casing which shall be made of only two pieces, each being capable of being cast without cores, and of being rigidly united without independent fastening-pieces, and securely unite the 30 sliding bolt and its cam-lever; and the invention consists in details of construction hereinafter described, and specifically set forth in the claim.

35 A represents the back plate. It is preferably provided with a semicircular flange,  $a$ , to inclose the ring-shaped inner end,  $b$ , of the bolt B, and also two lugs,  $a'$ , having perforations  $a''$ , to receive screws by which the device is to be attached to a window. It has 40 also a perforation,  $a^3$ , to receive a screw,  $a^4$ , that operates as a pivot for the eccentric lever C; but in place of the perforations  $a^3$  and screw

$a^4$  a journal pin or stud,  $a^5$ , Fig. 5, may be formed integral with the plate A, to act as a 45 journal for the eccentric lever C. An opening,  $a^6$ , may be left in the back plate, A, to oil the moving parts before the device is in use. The front plate, D, is recessed at  $d$  for the passage of the bolt B, and is provided with lugs 50  $d'$ , having perforations  $d''$ , corresponding with the perforations  $a''$  of the back plate, to receive screws by which the device is to be attached to a window. The plate D has also either a 55 perforation,  $d^3$ , to receive the screw  $a^4$ , or a stud,  $d^5$ , Fig. 5, to act as a journal for the eccentric lever C, and pins  $d'$ , projecting from said plate D, to enter perforations  $a''$  in the plate A, and be riveted therein to permanently unite the plates A and D after the bolt and 60 eccentric lever have been placed between them, the whole forming an article of manufacture ready to be applied to the outside of a window, in which article none of the parts can become separate and lost while exposed 65 for sale. The face of the bolt B may be recessed and provided with a rubber cushion, (shown at  $b^2$ , Fig. 6,) as usual, to prevent any abrasion of the window-frame by said bolt.

Having now fully described our invention, 70 we claim—

In a sash-holder, the combination of the back plate, A, provided with lugs  $a'$ , perforations  $a''$ , and stud  $a^5$ , the front plate, D, provided with lugs  $d'$ , pins  $d'$ , and stud  $d^5$ , and 75 the bolt B, having a ring-shaped inner end, with the eccentric lever C, passing through said bolt, substantially as shown and described.

In testimony whereof we affix our signatures in presence of two witnesses.

FRED AURAND.  
FREEMAN H. SHERER.

Witnesses:  
L. E. A. SHULLEN,  
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