

(No Model.)

J. H. GRISWOLD.
SASH HOLDER.

No. 504,978.

Patented Sept. 12, 1893.

Fig. 1.

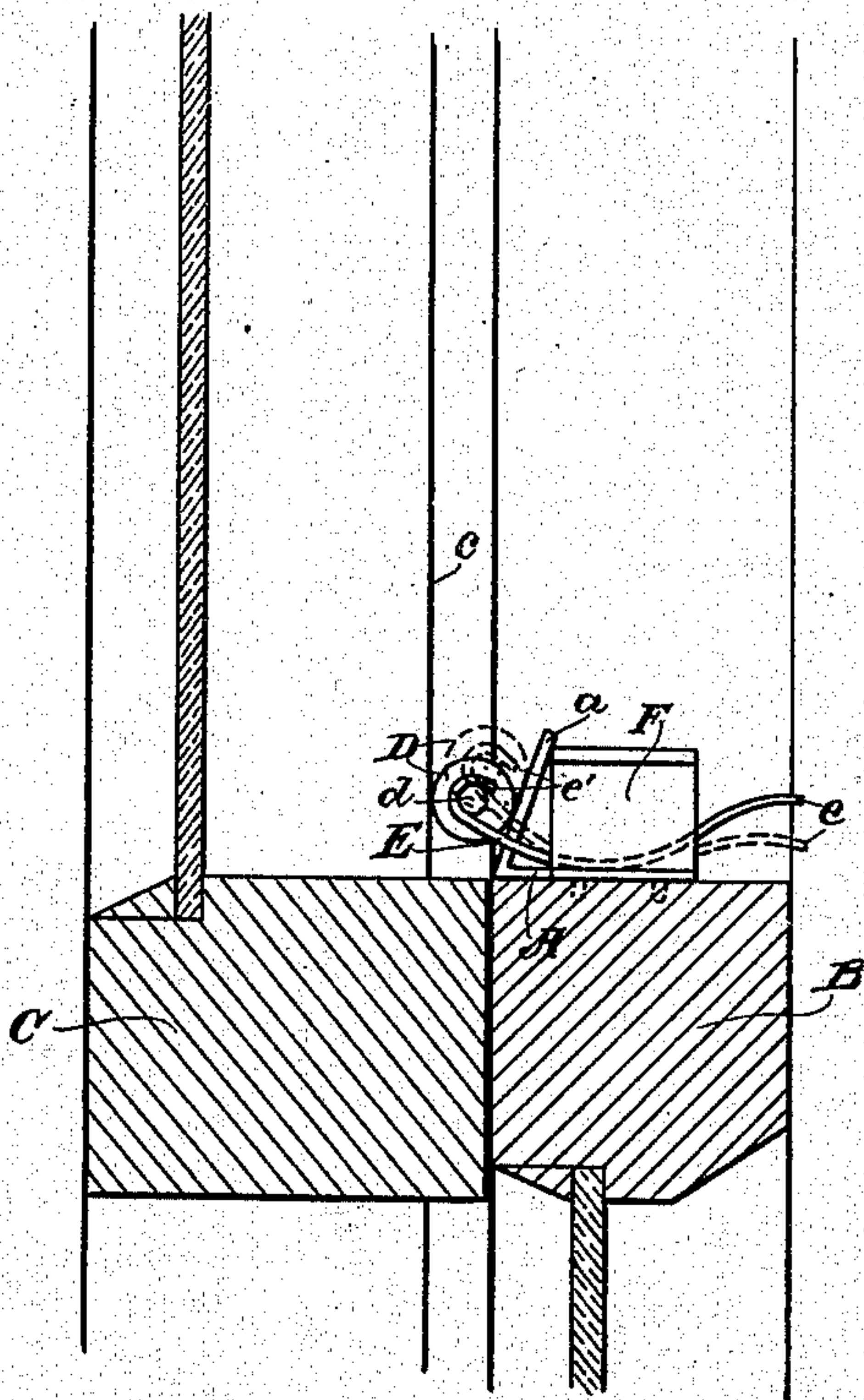
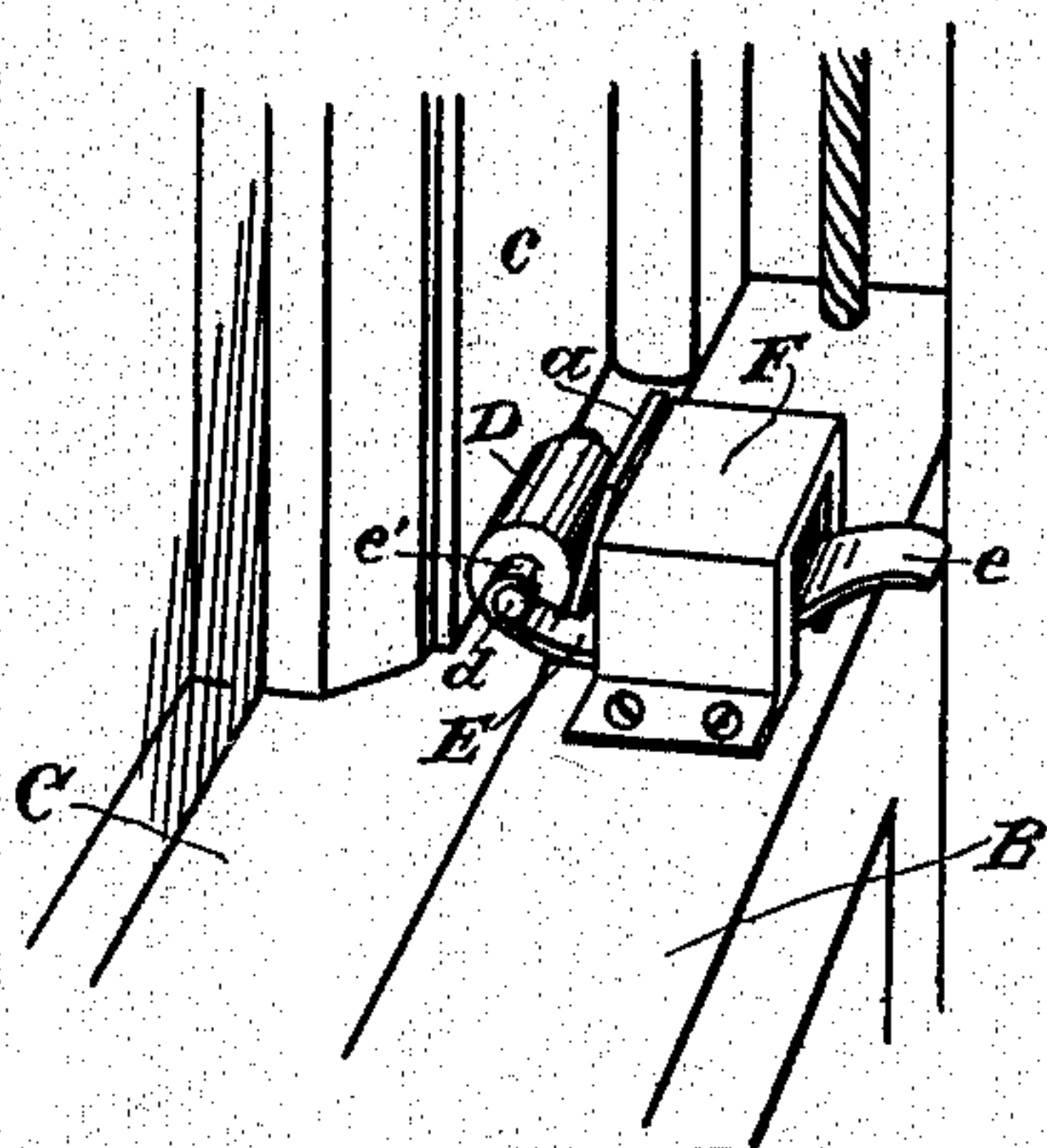


Fig. 2.



Witnesses,
J. H. Hourse
H. F. Ascheck

Inventor,
John H. Griswold
By Dewey & Co.
attys

UNITED STATES PATENT OFFICE.

JOHN H. GRISWOLD, OF OAKLAND, CALIFORNIA.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 504,978, dated September 12, 1893.

Application filed April 26, 1893. Serial No. 471,926. (No model.)

To all whom it may concern:

Be it known that I, JOHN HUDSON GRISWOLD, a citizen of the United States, residing in Oakland, Alameda county, State of California, have invented an Improvement in Sash Fasteners and Stops; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to that class of attachments for window sashes, the object of which is to stop and to lock or hold the sashes at any point desired.

It consists in the novel construction and arrangement of the parts hereinafter described, and in their location with respect to the two sashes whereby either or both may be moved to and held fast at any point desired.

The object of my invention is to lock the sashes at any point desired and to stop and hold them independent of weights or other balances, if required.

In the accompanying drawings, I have shown my device as applied to the locking or fastening of both sashes.

Figure 1 is a side elevation of my fastener and stop showing its application to the sashes. Fig. 2 is a perspective view of the same.

A is a plate having an upright arm which forms a bearing piece *a*. In the form shown, this arm projects from the plate at an acute angle, so that when said plate is screwed to the top of the lower sash B, just opposite the face of the stile *c* of the upper sash C, there will be left between the face of the stile and the face of the bearing piece *a* an upwardly flaring space. Into this space a roller D is freely dropped, said roller having a diameter greater than the width of the space below and less than its width above. It, therefore, follows that if the lower sash be lifted the roller, bearing on the stile of the upper sash, will turn and move downwardly, and being cramped and bound in the narrowing space in which it is fitted, will prevent the sash from any further upward movement. The same result follows the downward movement of the upper sash. The opposite effect results from the application of force to pull the

lower sash down or to push the upper sash up, for in these cases the tendency of the roller is to turn and move up in the widening space, thus relieving the sashes. Now, in order to better hold the roller, so that it will not drop out, and to provide for its control so that the sashes can be positively relieved, to enable the operator to set them to positions desired and there to fasten them, I have the swinging lever plate E. This, at one end, has a finger-piece *e*, and at the other end is formed to carry and confine the roller, without interfering with its function. To this end it is forked to straddle the upright bearing piece *a* and the extremities of its fork are turned upwardly and backwardly as shown at *e'*. Within these curved extremities are freely journaled the end pins or gudgeons *d* of roller D. The plate E simply rests upon plate A, and its finger-piece being upturned enables said plate to fulcrum easily upon plate A. By pressing down on the finger-piece, the inner end of plate E will be raised and the roller D will be thereby lifted to the wider portion of its seat in which being supported and being able to turn without binding, it will permit the manipulation of either sash. The sashes can thus be moved readily to the points desired, and then upon releasing plate E, the roller will be ready for action as heretofore described.

A suitable cap F sufficiently ornamental may be placed over the finger-piece end of plate E, so as to conceal some of the parts, if this should be deemed desirable.

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

In combination with the lower and upper window sashes, the plate A secured to the top of the lower sash and having the angled arm forming a bearing-piece opposite to and separated from the stile of the upper sash by a space increasing in width upwardly, the roller fitted in said space and having a diameter greater than the width of the lower portion of the space and less than its upper portion, and a swinging lever plate engaging the roller and adapted to lift it to and sup-

port it in the wider portion of said space,
said lever plate being fulcrumed on plate A,
with a finger-piece on one end, and a forked
opposite end embracing the angled arm of
5 plate A and formed with curved extremities
to receive and journal the ends of the roller,
substantially as herein described.

In witness whereof I have hereunto set my
hand.

JOHN H. GRISWOLD.

Witnesses:

S. H. NOURSE,
H. F. ASCHECK.