

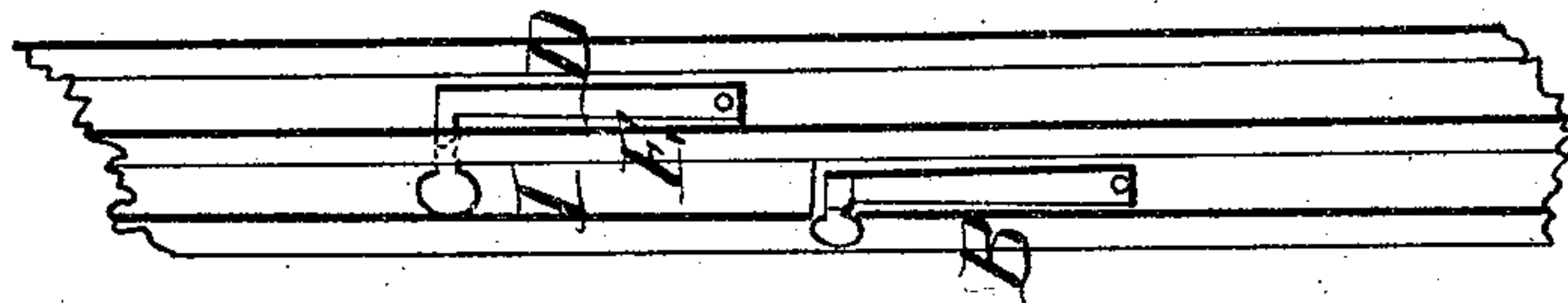
*H. Hammond,*

*Sash Fastener.*

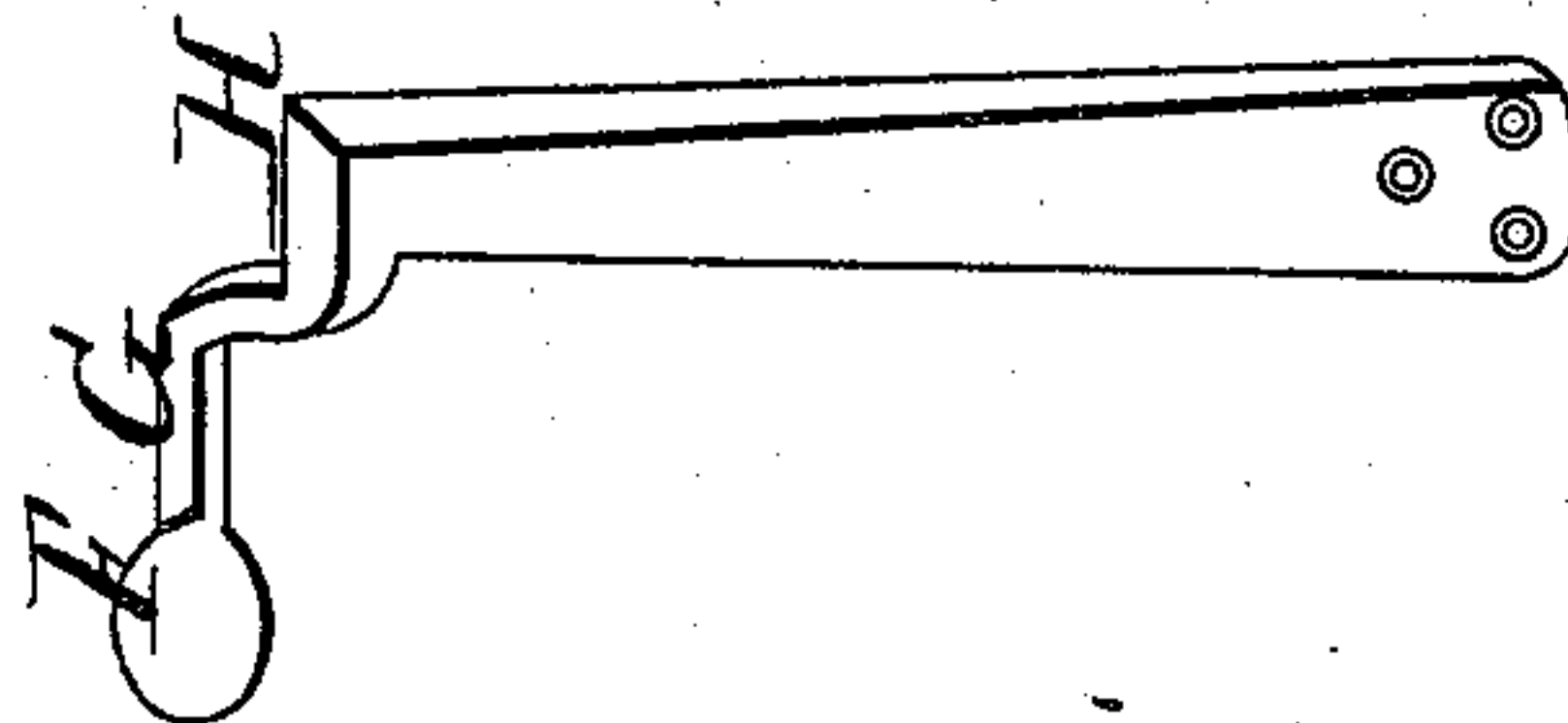
*N<sup>o</sup> 379.*

*Patented Sep. 8, 1837.*

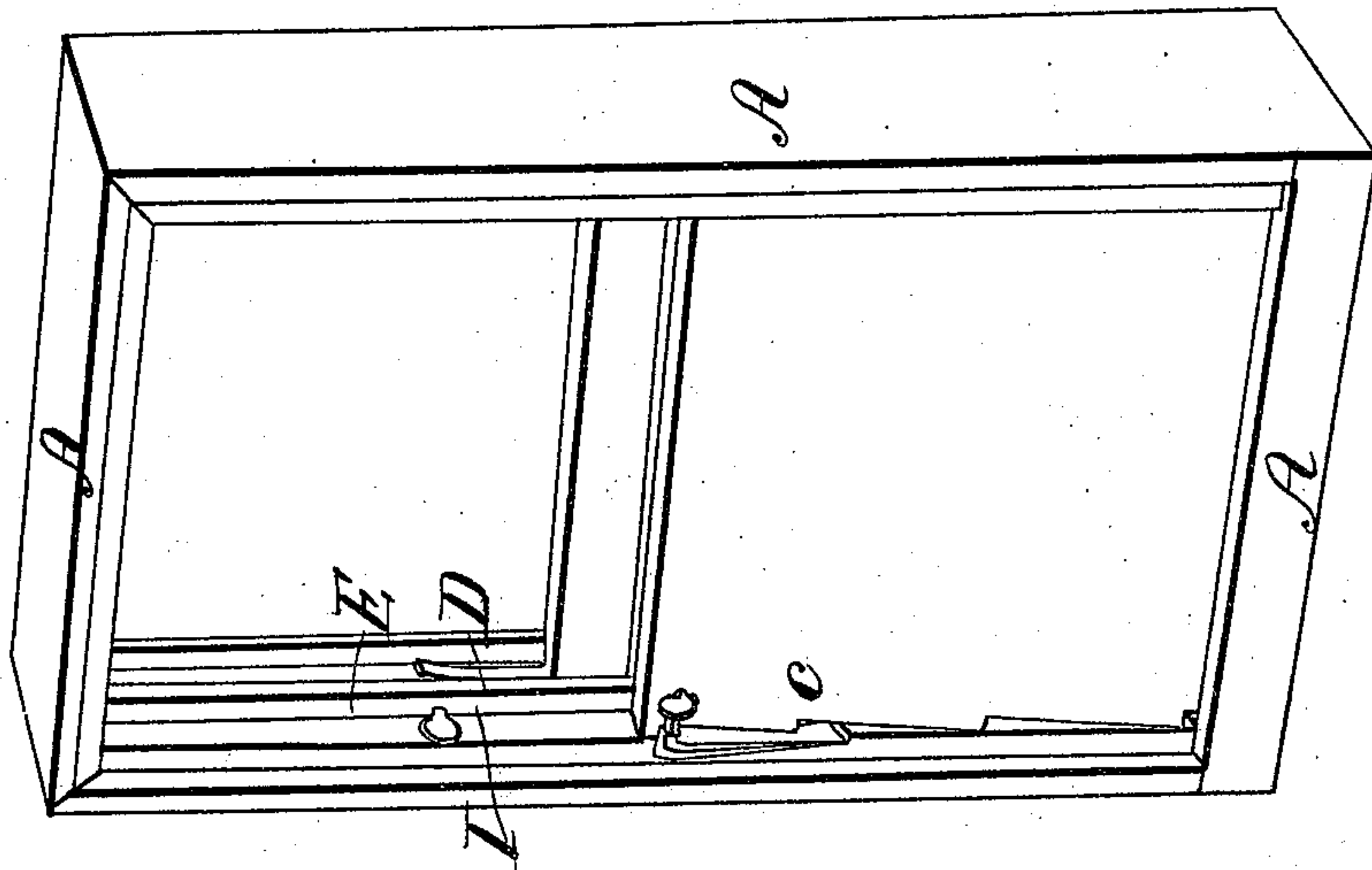
*Fig. 3.*



*Fig. 2.*



*Fig. 1.*



# UNITED STATES PATENT OFFICE.

HERVEY HAMMOND, OF LEWISBERRY, PENNSYLVANIA.

WINDOW-SASH SPRING FOR UPPER SASHES.

Specification of Letters Patent No. 379, dated September 8, 1837.

*To all whom it may concern:*

Be it known that I, HERVEY HAMMOND, of Lewisberry, York county, and State of Pennsylvania, have invented a new and useful Improvement in Common Window-Sash Springs; and I do hereby declare that the following is a full and exact description.

I use two springs, one for the upper, and the other for the lower sash.

10 My improvement consists in the use of a spring for the upper sash only, so constructed and applied as not to interfere with the movement of the lower sash. This spring is nearly straight, but has sufficient curve to  
15 stand forward, at the top to pass into the notch of the sash. The projection on which the thumb-piece is placed, stands out from the head on top of the spring sidewise and not inward toward the glass; as shown in  
20 Fig. 2, in the accompanying drawing, it continues straight to the parting bead of the frame, E, Figs. 1 and 3, when it bends back sufficiently to let the thumb-piece F, lay in a recess in the front groove I, flush  
25 with the groove, while the head of the spring is in a notch of the sash. Immediately be-

hind the parting bead and next to the groove is a small staple, through which the projection passes, to prevent the thumb-piece from coming forward more than sufficient to let  
30 the thumb-piece be flush with the groove, in case the parting bead should not be tight enough to retain the projection of the spring. The form of the spring, at the top, on which the sash immediately rests, being straight  
35 or on a line with the body of the spring, is the best for strength, and is not so liable to get out of order by the falling of the sash, as one having a forward or backward projection for the sash to rest upon. An-  
40 other advantage in the form of the spring is that, the sash may be raised without putting the hand or thumb to the thumb-piece.

I claim—

The particular form and manner of ap-  
45 plying the spring for the upper sash, as already described.

HERVEY HAMMOND.

Witnesses:

JACOB SMITH,  
GEORGE BAILETS,