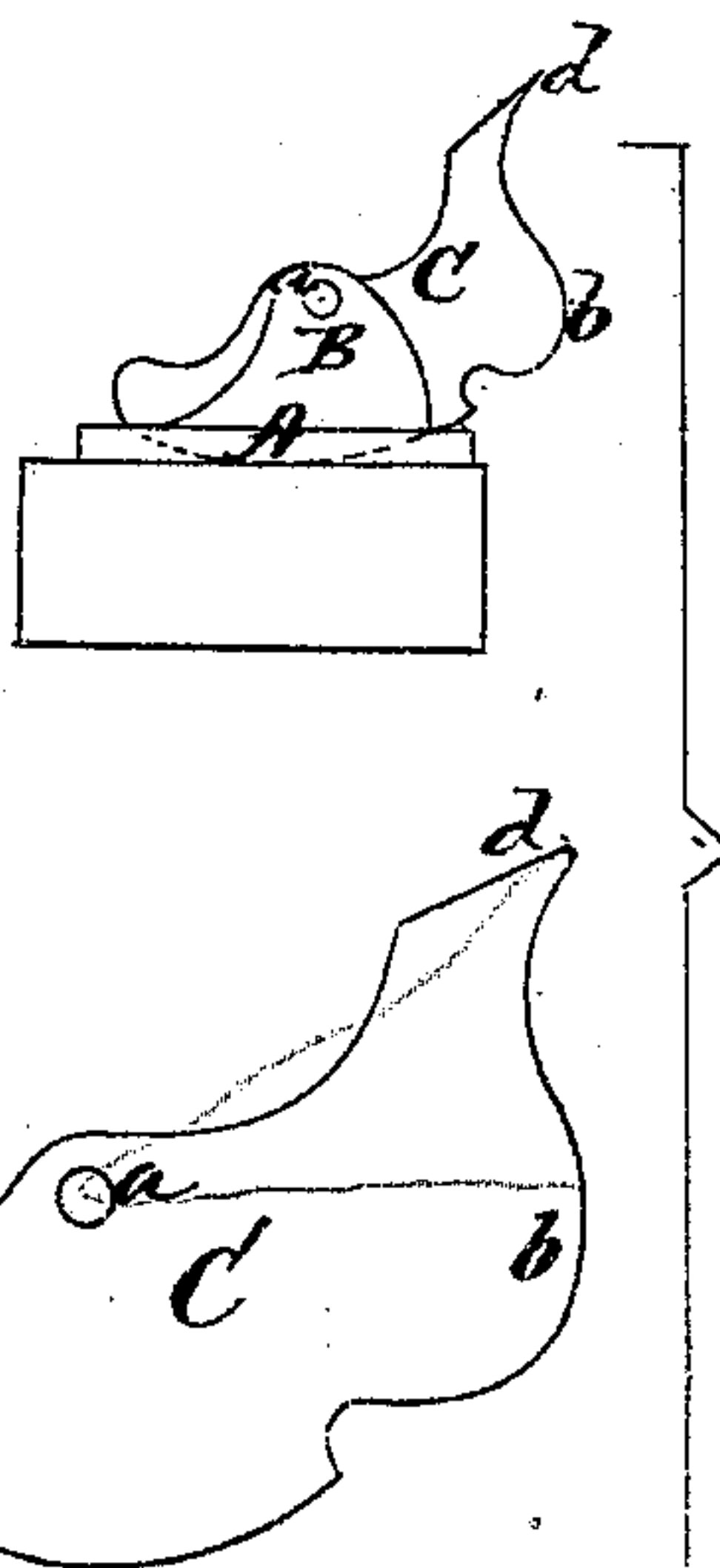
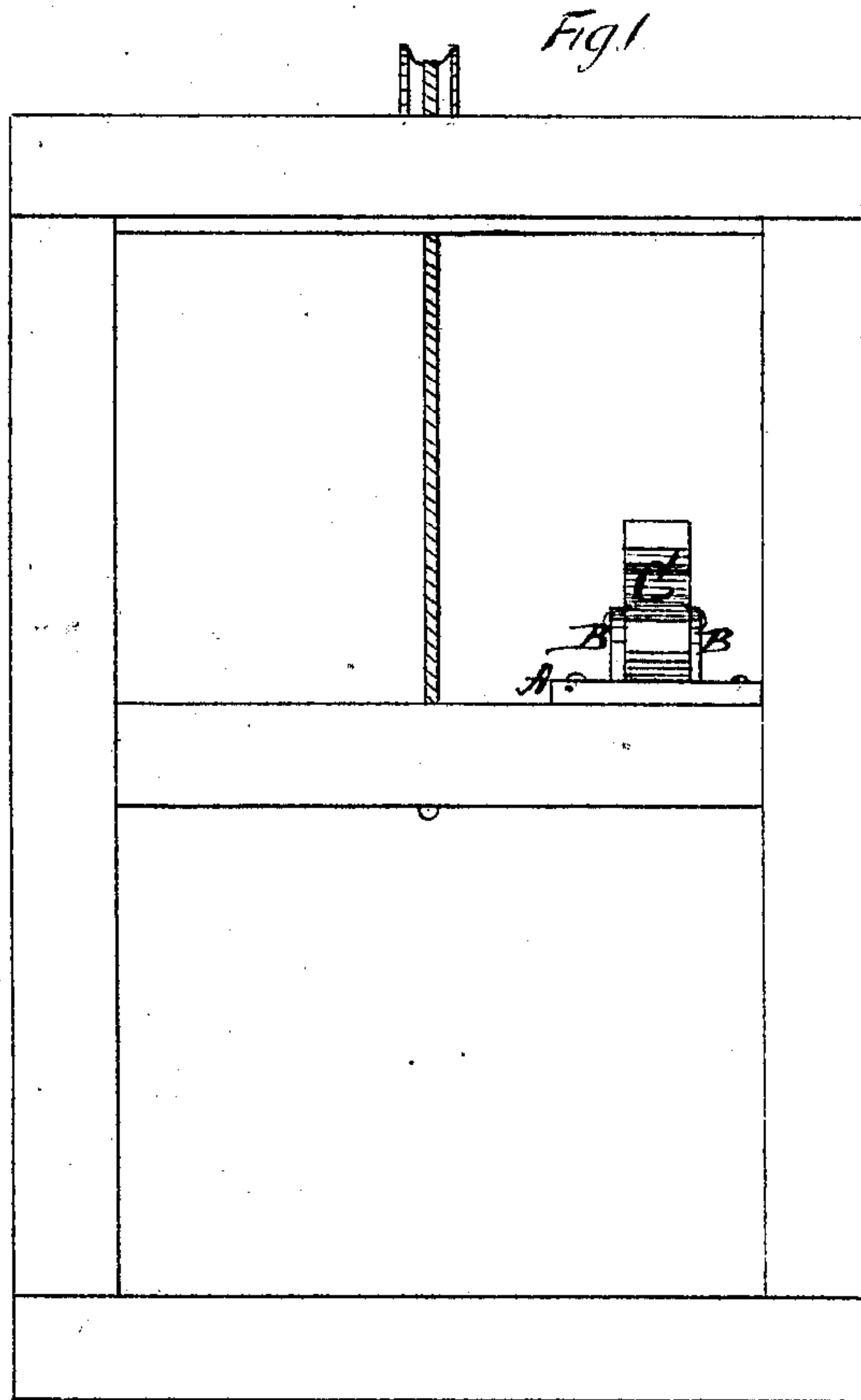


FELIX WALKER.  
Improvement in Sash Holders.

No. 121,695.

Patented Dec. 5, 1871



Witnesses  
Jas. E. Hutchinson  
A. L. Evers.

*Fig. 2* Inventor  
Felix Walker.  
per  
Alexander M. Mason  
Attys.

# UNITED STATES PATENT OFFICE.

FELIX WALKER, OF NEW ORLEANS, LOUISIANA.

## IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. 121,695, dated December 5, 1871.

*To all whom it may concern:*

Be it known that I, FELIX WALKER, of New Orleans, in the parish of Orleans and in the State of Louisiana, have invented certain new and useful Improvements in Sash-Stop and Lock; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a sash-stop and lock, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a front view of a window with my stop and lock attached thereto, and Fig. 2 is a view of the stop and lock alone.

I construct a bracket of iron, brass, or other suitable material, with a base, A, about one and one-fourth by one and three-fourths inch in diameter and one-eighth of an inch thick, with two uprights, B B, about half an inch apart and about one inch high, said uprights having pivot-holes near the top, as shown. The base A is provided with suitable screw-holes by which to attach the same to the sash. I then construct an eccentric catch, C, with a pivot-hole through the same at *a*, said catch to freely revolve between the uprights B B. This eccentric catch is provided with a bulge, *b*, to come in contact with the upper sash, and with a sharp point, *d*, to enter the upper sash, should undue pressure or force be used to raise the lower sash and bring down the upper sash. This device is one that overcomes the great difficulty of holding both upper and lower sash at any point desired. This will do all of that and most effectually prevent the sash from rattling. It is to be screwed on the top of the lower sash, at one or both corners, so that the weighted eccentric catch will engage the pulley-style of the upper sash. The sharp or chisel-shaped point *d* is not intended to touch the upper sash unless undue force is applied to open

the window; then it will enter the wood; and when the swell or bulge *b* of the eccentric comes down to the plate A of the bracket no ordinary force can hoist the lower sash any higher or bring the upper sash down any further. In ordinary use this sharp point will not touch the upper style at all. This device is designed for sash which are balanced by weights. When it is not to be used the eccentric catch can be thrown back, and then both sash will run freely, as though there was no fastener on either.

The main point in my invention is the manner of balancing the eccentric catch. If this catch was a mere curve-shaped or straight lever with the pivot or fulcrum at the lower end, it would stop the sash at any point where the bite would be sufficient. But with a slight blow with the hand, on the outside of the sash, just opposite the catch, it would be thrown back and be entirely out of use; but by having so large a portion of the weight below the pivot this catch cannot be displaced by a blow from the outside of the window. This eccentric catch acts with much more certainty than a mere lever, as it is so poised that its weight acts like a considerable spring in forcing the swell or bulb of the catch against the upper sash, making the action of holding much more certain than even a spring, for it can never get out of order. All that is necessary is to put it on the right place and secure the sash from giving way entirely by the pressure.

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

1. The sharp point *d* formed on the eccentric catch C, substantially as and for the purposes herein set forth.

2. The eccentric catch C provided with a swell or bulge, *b*, and pivoted in the bracket A B, so as to have a large part of its weight below the pivot, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 10th day of July, 1871.  
FELIX WALKER.

Witnesses:

F. M. MOHUNANN,  
JOS. J. MONTALDE.