

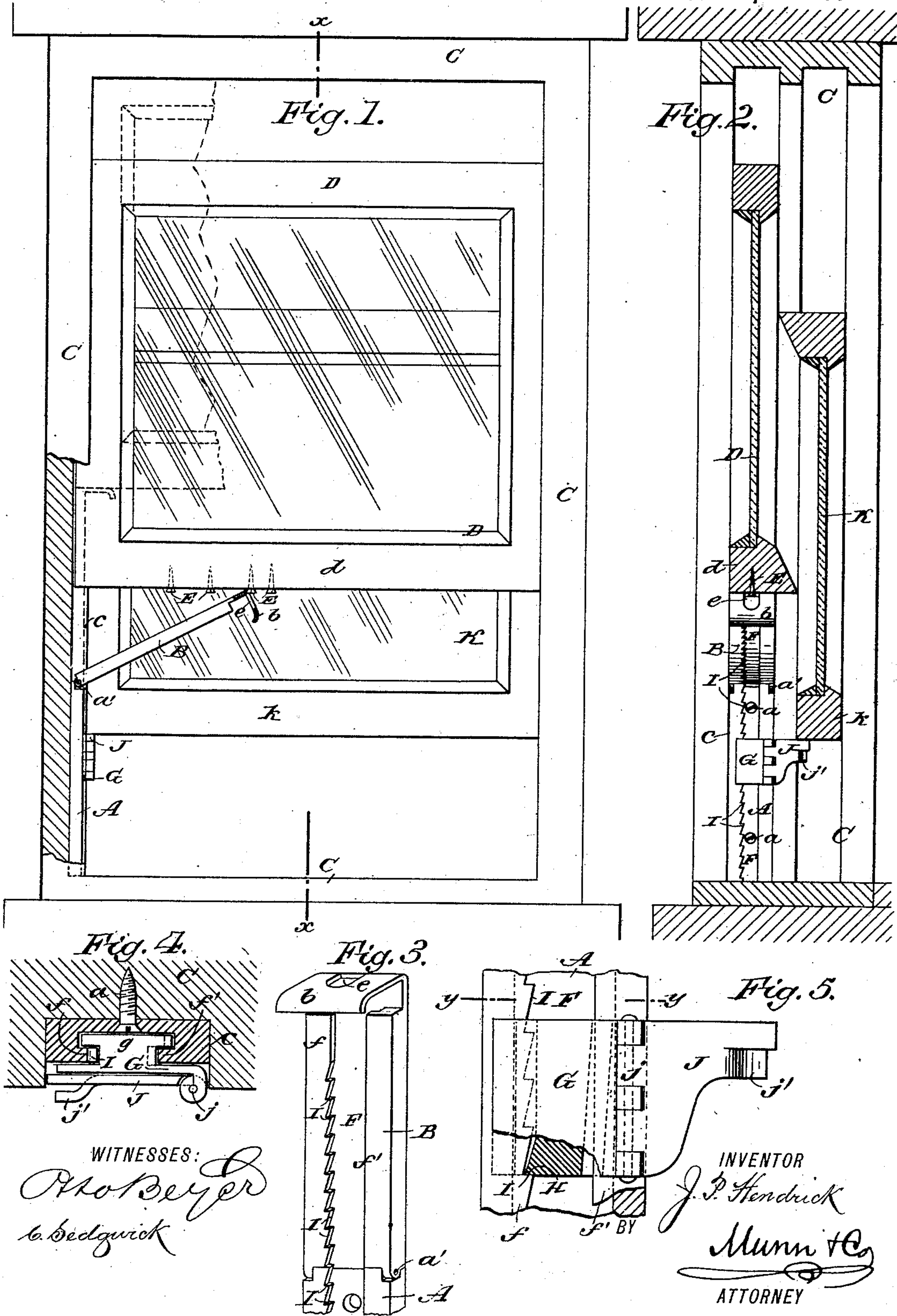
(No Model.)

J. P. HENDRICK.

SASH HOLDER.

No. 354,550.

Patented Dec. 21, 1886.





# UNITED STATES PATENT OFFICE.

JAMES PAUL HENDRICK, OF FLEMINGSBURG, KENTUCKY.

## SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 354,550, dated December 21, 1886.

Application filed May 5, 1886. Serial No. 201,189. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES PAUL HENDRICK, of Flemingsburg, in the county of Fleming and State of Kentucky, have invented a new and Improved Window-Sash Holder, of which the following is a full, clear, and exact description.

My invention relates to holders for retaining window-sashes and holding them open for ventilating or other purposes, and has for its object to provide a simple, inexpensive, and easily-adjustable device of this character which may readily be applied to the window, and will hold the sashes open at either the top or bottom of the window, or open at both places at once.

The invention consists in certain novel features of construction and combination of parts of the sash-holder and in its combination with the window frame and sashes, all as hereinafter fully described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is an outside face view of a window-frame partly broken away, and with the sashes therein adjusted and held for ventilating purposes by my improved holder. Fig. 2 is a vertical sectional elevation taken on the line *x x*, Fig. 1. Fig. 3 is a perspective view of the top portion of the catch-bar in larger size. Fig. 4 is an enlarged detail sectional plan view of part of the window-frame and catch-bar, and with the lower or inner sash-latch folded inward as when out of use; and Fig. 5 is an enlarged detail face view of this catch-bar and latch, with the latter swung into position to hold the lower sash raised, and the catch-plate partly broken away and in section.

The catch-bar of the holder consists of a lower portion, A, which is to be secured by screws *a*, or otherwise, within the outer sash-groove, *c*, of the window-frame C, and an upper part, B, which is hinged to the top of part A by a pin, *a'*, and has an outbent top or head plate, *b*. When the outer sash, D, is closed at the top, and when the part B of the catch-bar is swung up flat against the window-frame or in line with the fixed part A of the bar, the head *b* of part B locks the sash D closed against the head of the window-frame, and when the part B of the catch-bar is swung

outward on its hinge-pin *a'* the end of the part B may be set against the projecting head of any one of a series of screws, E, set up into the lower bar, *d*, of sash D, the head *b* of part B being slotted at *e*, to allow a secure hold of the screws by the catch-bar.

By setting the part B of the catch-bar against different screws E the upper sash, D, may be held open at the top more or less to secure ventilation at the head of the window.

The parts A B of the catch-bar are formed at and along their front or outer faces with a slot, F, which is broadened each way at its base or inner part, thereby forming opposite tongues or lips *f f'*, and in the slot F there is fitted loosely the T-shaped back part or shank, *g*, of a catch-plate, G, and on this shank *g* there is formed at its lower end and at one side a tooth, H, which is adapted to be set into any one of a series of teeth, I, formed along the tongue *f* at one side of the catch-bar slot F. The side of the plate-shank *g* opposite that to which the tooth H is fixed is beveled or inclined, to allow necessary lateral play of the shank for shifting the tooth H into or out of engagement with any one of the rack-teeth I.

To the inner edge of the plate G there is hinged at *j* a latch-plate, J, which may be turned inward beneath the bottom rail, *k*, of the opened lower sash, K, to hold said sash raised to secure ventilation at the lower part of the window, as shown in Figs. 1 and 2. A portion, *j'*, of the outer end of the plate J is preferably slit off and bent outward, to facilitate turning the latch by the fingers from the folded position shown in Fig. 4 to the open position shown in Figs. 1 and 2. When the latch J is folded flat against the plate G, the lower sash may be raised and lowered freely.

It is obvious that when the upper sash, D, is held open at the top by the engagement of the part B of the catch-bar with any one of the screws E, the lower sash may at the same time be held at the bottom by the latch-plate J for any distance or space less than that between the joint at *a'* of the catch-bar and the window-sill. It will also appear that when the upper sash is closed at the top and held so by the part B of the catch-bar, as indicated in dotted lines in Fig. 1, the catch-plate G and attached latch J may be raised to any point along either part A B of the catch-bar, for holding the lower sash, K, open a



little for ventilation only, or wide open, as may be desirable or necessary.

The herein-described sash-holder may be used with sashes hung with weights in the usual way; but the holder will serve as an adjuster and support of sashes fitted in the frame without weights, as will readily be understood.

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

1. The combination, in a window-sash holder, of a catch-bar, A, secured vertically in the outside sash-groove of a window-frame, a catch-plate, G, adapted to be set in different positions along the catch-bar, and a latch-plate, J, hinged to plate G and adapted to be swung beneath the lower sash to hold it open, substantially as herein set forth.

2. The combination, in a window-sash holder, of a catch-bar, A, provided with a slot, F, and a toothed rack, I, a catch-plate, G, having a T-shaped shank, *g*, entering the slot F and provided with a tooth or shoulder, H, and a latch-plate, J, hinged to plate G, substantially as described, for the purposes set forth.

3. In a window-sash holder, the combination, with the window frame and sash, of a catch-bar, B, hinged within the outside sash-groove of the frame, and screws or stops E, set into the bottom rail of the top sash, substantially as shown and described.

4. In a window-sash holder, the combination, with the window frame and sash, of a jointed catch-bar, A B, part A of said bar being secured vertically in the outside sash-groove of the frame, a catch-plate, G, adapted to be set in different positions along the bar A B, and a

latch-plate, J, hinged to plate G and adapted to be swung beneath the inner sash to hold it partly or fully open, substantially as herein set forth.

5. In a window-sash holder, the combination, with the window frame and sash, of a jointed catch-bar, A B, part A of said bar being secured vertically in the outside sash-groove of the frame, a catch-plate, G, adapted to be set in different positions along the bar A B, screws or stops E, fixed to the bottom rail of the top sash, with which the top of part B of the catch-bar may be engaged, and a latch-plate, J, hinged to plate G, substantially as described, for the purposes set forth.

6. In a window-sash holder, the combination, with the window frame and sash, of a jointed catch-bar, A B, part A of said bar being secured vertically in the outside sash-groove of the frame, and both parts A B formed with a groove, F, and rack I, a catch, G, having a shank, *g*, entering slot F and provided with a tooth or shoulder, H, and a latch-plate, J, hinged to plate G, substantially as described, for the purposes set forth.

7. As an improved article of manufacture, a window-sash holder comprising a jointed catch-bar, A B, slotted lengthwise at F and provided with a rack, I, a catch-plate, G, adapted to slot F and rack I, and a latch-plate, J, pivoted to the catch-plate G, substantially as herein set forth.

JAS. PAUL HENDRICK.

Witnesses:

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