

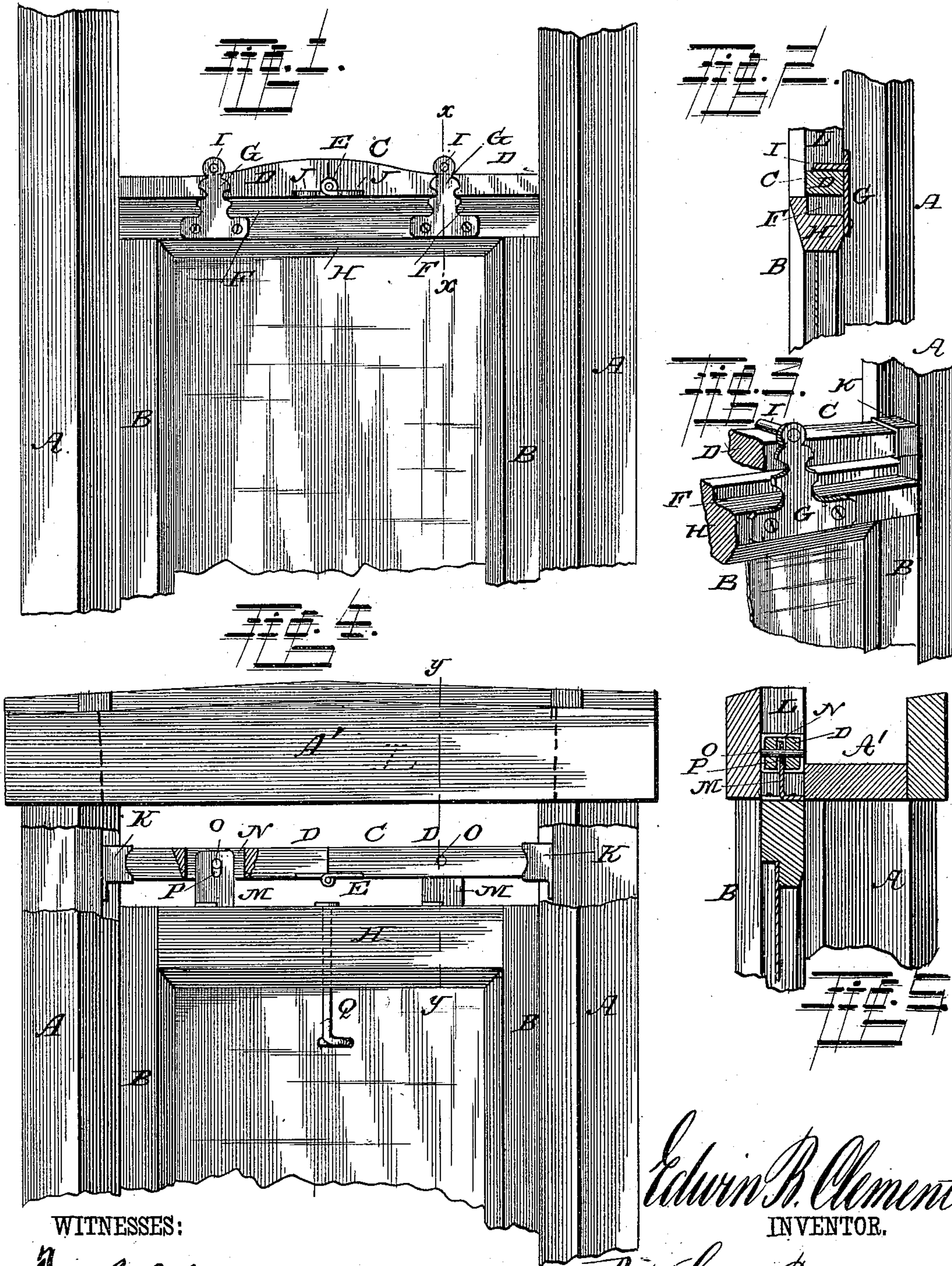
(No Model.)

E. B. CLEMENT.

SASH HOLDER.

No. 300,954.

Patented June 24, 1884.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

EDWIN B. CLEMENT, OF MARSHALLTOWN, IOWA.

## SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 300,954, dated June 24, 1884.

Application filed March 20, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, EDWIN B. CLEMENT, a citizen of the United States, and a resident of Marshalltown, in the county of Marshall and State of Iowa, have invented certain new and useful Improvements in Sash-Holders; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a front view of a window frame and sash embodying my invention. Fig. 2 is a vertical cross-section on the line *xx* in Fig. 1. Fig. 3 is a perspective detail view. Fig. 4 is a front view of a portion of the lintel and of the upper sash, illustrating a modification, parts having been removed for the purpose of showing the construction more clearly; and Fig. 5 is a vertical cross-section on the line *yy* in Fig. 4.

The same letters refer to the same parts in all the figures.

This invention relates to sash-holders; and it has for its object to provide a device which shall be simple, convenient, and easily operated, and which shall sustain or support the sash safely at any position to which it may be adjusted. Another object of my invention is to provide a device which may be readily attached to sashes of ordinary construction.

With these ends in view my invention consists in the improved construction and arrangement of parts, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings, A designates the window-frame, and B the sash, which is fitted to slide vertically in the same in the usual well-known manner.

C is the fastener, which consists of two bars, D D, connected by a hinge, E, on their under side, their combined length being slightly in excess of the width of the sash. The upper side of the sash is rabbeted, as at F, and to it the fastener C is loosely connected by means of hangers G, connected to the front side of the meeting-rail H, and having rearward-extending pins I extending over the fastener-

bars, and serving to retain the latter securely in position. The leaves of the hinge are constructed with forwardly-extending lugs J J, serving as handles, by means of which the device may be conveniently manipulated. The outer or free ends of the fastener-bars are provided with roughened or serrated friction-shoes K, of metal, rubber, or other suitable material.

The operation of this invention will be readily understood. By raising the central hinged portion of the fastener the ends of the bars constituting the same are withdrawn from the sides of the window-frame, thus enabling the sash to be raised or lowered, as may be required. When the central portion of the fastener is released and the sash allowed to drop, the weight of the sash forces the pins I downward upon the upper sides of the fastener-bars, thus driving the ends of the latter in an outward direction against the sides of the window-frame, and retaining the sash in the position to which it has been adjusted.

The lintel A' is formed with a recess, L, (shown in dotted lines in Fig. 4, and in full lines in the sectional view, Fig. 5,) for the purpose of receiving the fastening device of the upper sash, thus allowing the latter to be raised to its highest point, the fastening device projecting above the upper rail of the sash.

In Figs. 4 and 5 I have shown a modification, which consists in simply dispensing with the hangers G and substituting for the same a pair of lugs or plates, M, secured to the upper rail, H, of the sash, and entering slots N in the fastening-bars D D, which are secured pivotally to the plates by means of pins O, passing transversely through slots P, formed vertically in the said plates. The upper sash-rail is provided with a rod, Q, sliding vertically through an opening in the same, and adapted to bear against the under side of the hinge connecting the fastener-bars. The operation of this modification is obvious.

I claim as my invention and desire to secure by Letters Patent of the United States—

1. The combination of a window-frame, a sash having a rabbeted top rail, hangers consisting of plates secured to the front side of the top rail, and having rearwardly-extend-

ing pins, and a fastener seated in the rabbet under the pins of the hangers, and consisting of a pair of bars connected by a hinge on their under side, substantially as set forth.

5 2. The combination of a sash having a rabbeted top rail, the hangers having rearward-extending pins, the fastener consisting of a pair of bars hinged together on their under side, and provided at their free ends with roughened or corrugated friction-shoes, and lugs or handles extending forwardly from the leaves of the hinge, as and for the purpose set forth.

3. The combination, with a sash, of a fastener consisting of a pair of bars connected by a hinge on their under side, the same being loosely connected to the top rail of the sash, and an operating rod sliding vertically

through an opening in the said top rail, directly under the hinge, as and for the purpose set forth. 20

4. The combination, with a sash provided with a fastening device consisting of a pair of hinged bars suitably connected to the top rail of the said sash, of the window-frame provided with a recess in the lintel adapted to receive and accommodate the fastening device of the upper sash, as and for the purpose set forth. 25

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses. 30

EDWIN B. CLEMENT.

Witnesses:

S. R. McLERAN,

E. H. DANN.