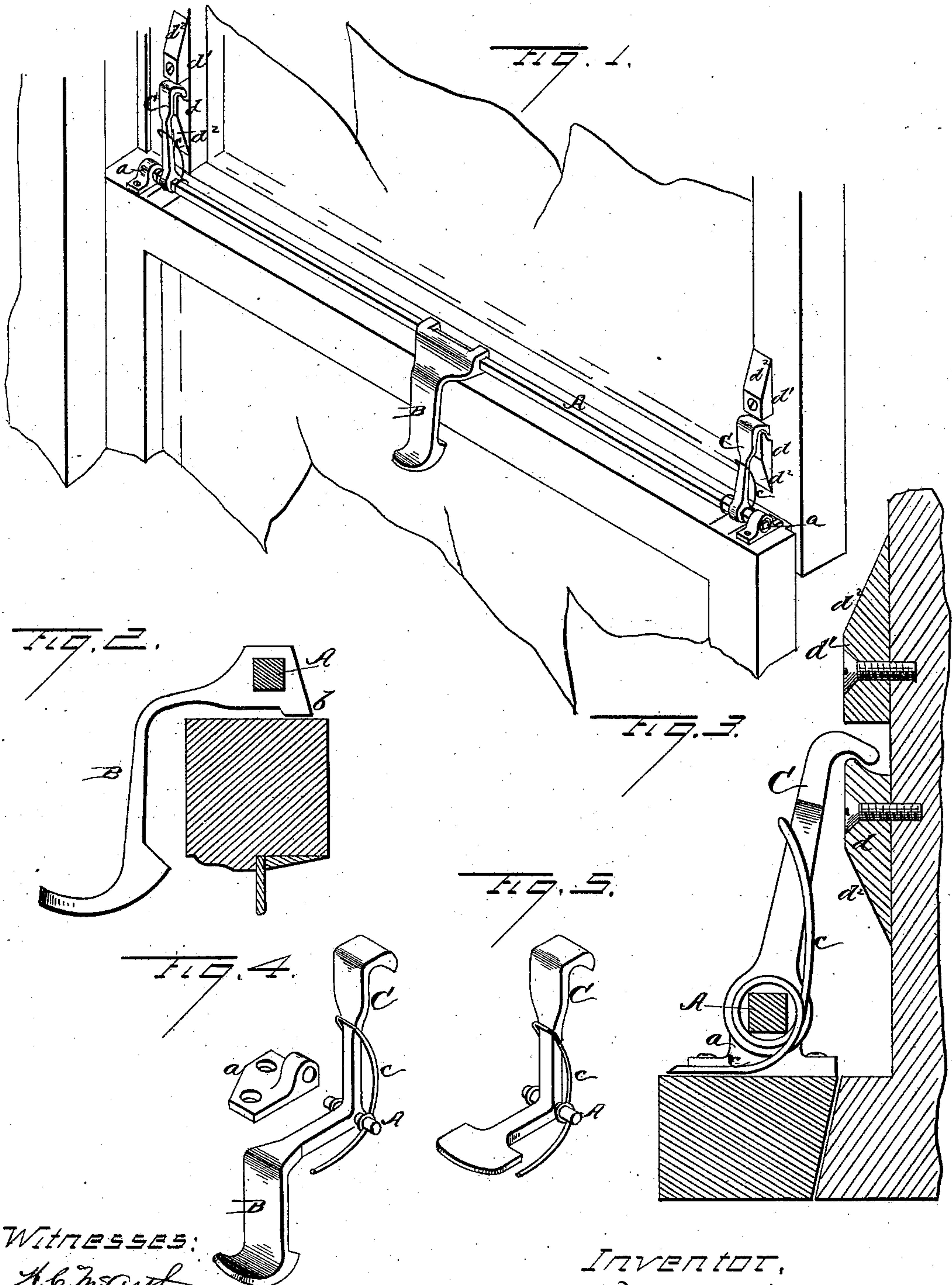


(No Model.)

F. EBERLEIN.  
SASH FASTENER.

No. 294,774.

Patented Mar. 11, 1884.



Witnesses:

A. C. McArthur  
J. J. Davis

Inventor,

Frederick Eberlein

per H. Harrison  
Attorney.



# UNITED STATES PATENT OFFICE.

FREDERICK EBERLEIN, OF CHICAGO, ILLINOIS.

## SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 294,774, dated March 11, 1884.

Application filed January 12, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK EBERLEIN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Window-Fasteners, of which the following is a specification.

This invention relates to an improvement in window-fasteners; and it consists in certain peculiarities of construction and arrangement of the same, substantially as will be hereinafter more fully set forth and claimed.

In order to enable others skilled in the art to avail themselves of the benefits of my invention, I will now proceed to describe its construction and arrangements, referring to the accompanying drawings, in which—

Figure 1 is a perspective view of my invention applied to a window. Figs. 2 and 3 are details of the same, and Figs. 4 and 5 are modifications designed for use on windows having a central division-bar.

A represents a square or angular bar journaled in small castings *a a* at each end, secured to the top of the lower sash. Upon the center of this bar or rod is placed a handle, B, preferably bent, as in Figs. 1 and 2, and formed with a small lug or nose, *b*, on its rear side, which bears upon the sash and acts as a stop to prevent the bar from turning too far.

Each end of the rod A is provided with an arm, C, hook-shaped at its outer end, and a spring, *c*, is coiled around said rod, and, bearing against the window and the arm C, holds the latter always in a locked position.

The upper sash is provided with a series of stops, *d d'*, arranged in pairs, as shown, the lower of which, *d*, is formed with an under-beveled end, as in Fig. 3, for engagement with the hook-arm C. Any number of pairs of these stops are placed upon the upper sash at desired intervals, and as their rear ends are beveled, as at *d<sup>2</sup> d'<sup>2</sup>*, it is evident that when the sash are raised or lowered the arms C C will ride easily up on the stop, and the springs *c c* cause them to drop into the space between them, and thereby lock the two sash securely together, while pressure upon the handle B will at once throw them out of such engage-

ment and release the sash. When so locked, any upward pressure against the lower sash acts against the end of the upper stop, *d'*, and any downward pressure against the beveled end of the stop *d*, and this bevel, with the hook upon the arm C, prevents such pressure from causing the arm to be thrown or slid back, as might otherwise be done. The lug *b* prevents the springs from throwing the arms C against the sash and injuring the paint.

While this device may be applied to any window, a slight modification, as seen in Figs. 4 and 5, may be sometimes used upon sash having a vertical division-bar in the center. This modification consists in casting the handle B and arm C in one piece, with lugs or journals to replace the bar or rod A, either cast with or passed through the casting. The spring *c* and stops *d d'* are used in precisely the same manner already described, but placed upon the central division-bar of the upper sash, and the casting B C secured at the center of the lower one, as will be readily understood.

It is evident that the rod A may be supported and braced by placing castings *a a* in the center as well as at the ends.

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

1. In a window-fastener, a rod journaled on the lower sash, having a handle in its center, and a spring-actuated hooked arm at each end, in combination with a series of beveled stops arranged in pairs upon the upper sash, one of which is formed with an under-beveled end, substantially as and for the purpose set forth.

2. The handle B, having stop *b*, rod or journal A, castings *a a*, hooked arm C, and spring *c* upon the lower sash, in combination with the stops *d d'*, beveled upon one end, and one of them under-beveled, substantially as shown, and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

FREDERICK EBERLEIN.

Witnesses:

W. C. MCARTHUR,  
CHAS. KRESSMANN.