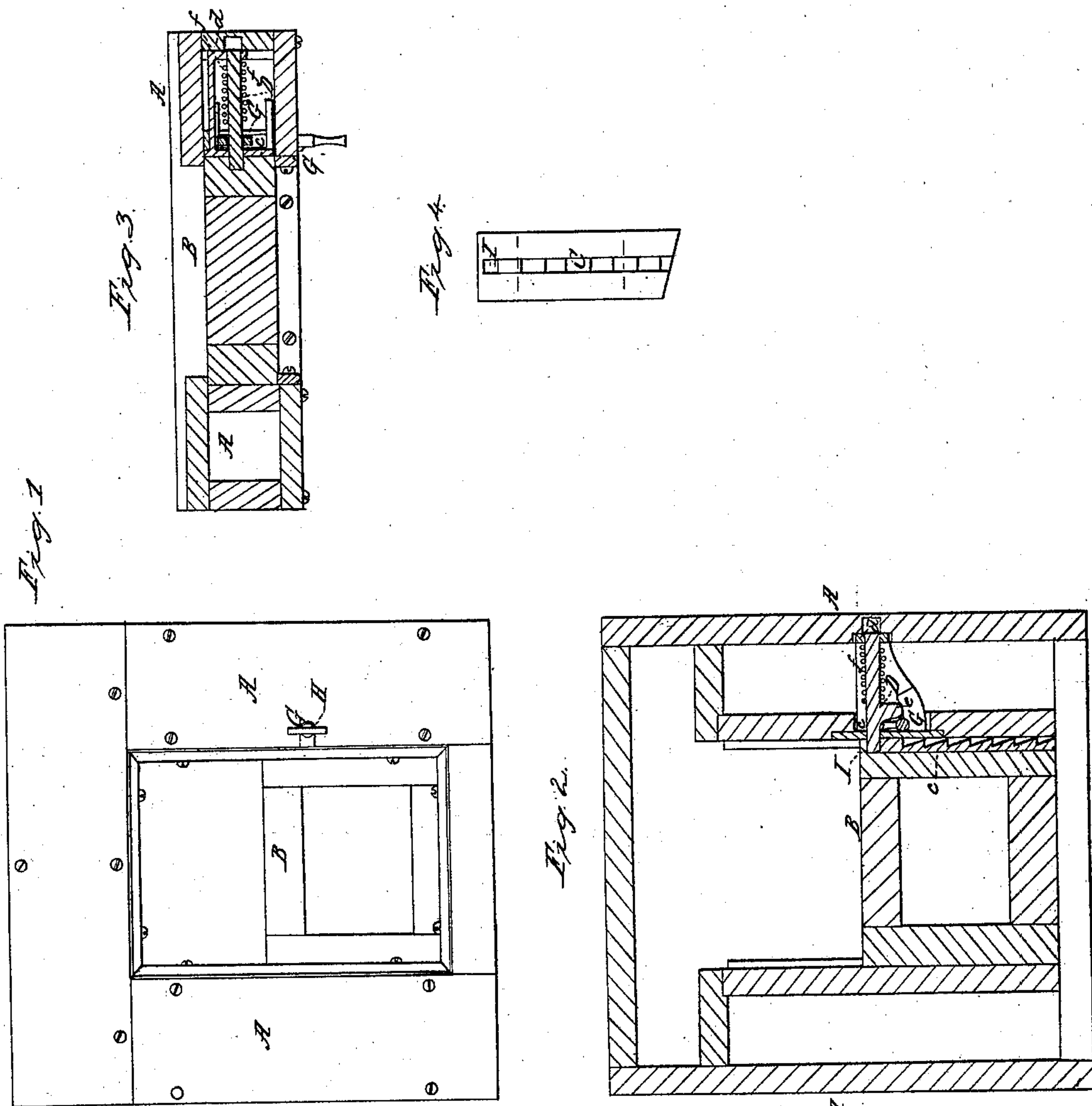


Jelley & Gowell,

Sash Fastener.

N^o 70,221.

Patented Oct. 29, 1867.



Witnesses:

Chas. H. Griffin
W. B. Baldwin

Indentor:

George Jelley and John M. Gowell.

by their attorney

Frederick Burtis

United States Patent Office.

GEORGE JELLEY AND JOHN W. GOWELL, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 70,221, dated October 29, 1867.

IMPROVED SASH-FASTENER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, GEORGE JELLEY and JOHN W. GOWELL, of Boston, in the county of Suffolk, and State of Massachusetts, have invented a new and useful or improved Window-Sash Fastener; and do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, and in which—

Figure 1 is a front view,

Figure 2 a vertical and longitudinal section, and

Figure 3 a horizontal section of a window-frame and one sash provided with our invention.

Figure 4 is a side or edge elevation of the window-sash and ratchet-bar.

The object of this invention is to support or hold a window-sash or sashes in any desired position, and to lock it when closed, as well as to prevent rattle or jar of the sash, and dispense with the use of weights.

The invention consists in applying a ratchet or saw-toothed bar or plate to one edge of the window-sash, and a spring-bolt applied within the window-frame, and operating in connection with the ratchet-bar in such manner as to hold the window-sash at any desired elevation, and lock it securely when lowered or closed, substantially as hereinafter explained.

In the accompanying drawings above mentioned as illustrating our invention, A denotes a window-frame of ordinary construction, having a sash, B, made and applied as usual, except that it has applied to one edge a ratchet-bar or rack, C. A sliding bolt, D, is applied within the recess of the window-frame, and is supported at each end in metallic bearings *c d*, suitably applied to the casing. A stud, *e*, is formed upon the lower part of the forward end of the bolt, and in rear of the bearing *c*, a spring, *f*, being coiled about the bolt, and between its stud *e* and the metallic bearing *d*, and serving, by its tensile power, to force the bolt towards or in contact with the rack C. A key, G, operates in connection with the stud *e* to retract the bolt, such key being supported in a key-hole, H, fixed in the inner face of the window-frame or casing, as represented. A recess, I, is made in the edge of the window-sash, and above the rack C, and so that the bolt D shall enter it when the window-sash is closed, or at its lowest point, and lock it securely in this position. By turning the key to the right the bolt will be retracted and withdrawn from the recess I, and allow the sash to be raised. On releasing the hold upon the key, the bolt will be forced in contact with the rack C, and hold the sash in whatever position it may have been left. To lower the sash the key should be again turned to the right, and the bolt removed from contact with the rack C, when the sash may be lowered to any desired point, the bolt D serving to hold it, as in the former instance, in the position in which it may be when the hand is removed from the key. For perfect security when the sash is closed, the key may be removed, which prevents access to the bolt from any point. The spring about the bolt serves to prevent any rattle or jar of the window. Furthermore, no weights are necessary, and the expense, as well as difficulty in applying them, is avoided.

We claim the improved window-sash supporter and fastener herein described, the same consisting of the rack C, in combination with the spring-bolt D, moving longitudinally in bearings *c d*, and operated by the key, G, substantially in the manner and for the purposes herein shown and set forth.

GEORGE JELLEY,
JOHN W. GOWELL.

Witnesses:

EDMUND H. HEWINS,
CHAS. L. TURNER.