

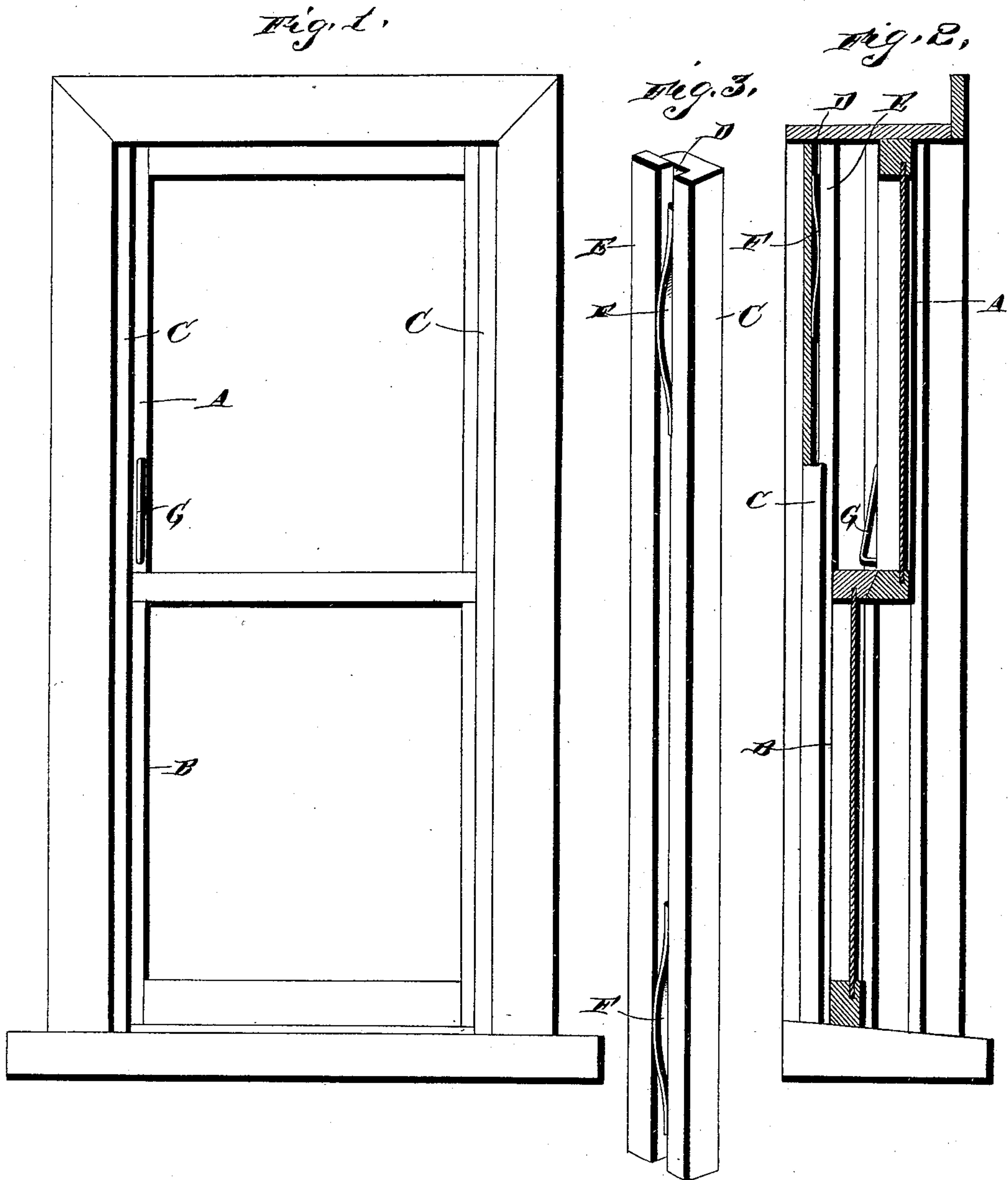
(No Model.)

J. W. CORDS.

SASH HOLDER.

No. 390,006.

Patented Sept. 25, 1888.



Witnesses
C. S. Taylor
C. E. Dayh.

Inventor
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UNITED STATES PATENT OFFICE.

JOHN WM. CORDS, OF WILLIAMSTOWN, IOWA.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 390,006, dated September 25, 1888.

Application filed April 30, 1888. Serial No. 272,278. (No model.)

To all whom it may concern:

Be it known that I, JOHN WM. CORDS, a citizen of the United States, residing at Williamstown, in the county of Chickasaw and State of Iowa, have invented a new and useful Improvement in Sashes, of which the following is a specification.

My invention relates to improvements in sash-holders; and it has for its object to provide a simple, cheap, durable, and effective device which may be attached to any ordinary window-sash.

My invention consists in a certain novel construction and combination of devices, fully set forth hereinafter in connection with the accompanying drawings, wherein—

Figure 1 is a front view of a window, partly in section, showing the improved holder attached thereto. Fig. 2 is a vertical central sectional view of the same. Fig. 3 is a detail view of the inside bead and the spring-actuated tongue mounted therein detached from the window-frame.

Referring to the drawings, A designates the upper sash, B designates the lower sash, and C designates the inside beads, which are secured to opposite sides of the frame close to the lower sash, in the ordinary manner. These beads are provided with rabbets or grooves D in the edges which are adjacent to the sash, and in these rabbets or grooves are mounted the movable tongues E. Springs F F are mounted in the rabbets or grooves between the edges of the tongues and the bottoms of the said grooves, whereby the tongues are normally pressed against the inner sides of the sash. These tongues press against the sash with sufficient force to hold it at any desired elevation, thus obviating the necessity of counterbalancing-weights.

To hold the sash in its closed or lowered position, I provide a spring-catch, G, which is mounted on the upper sash, and is provided at its lower end with a shoulder, which is adapted

to spring out and engage the upper edge of the lower sash. The spring-catch is repressed to release the sash, which may then be raised over the catch. When the sash is drawn down, the catch springs out and automatically engages the same.

The advantage of this improved sash-holder is that the tongues exert a steady and at the same time yielding pressure on the sash, whereby the latter is prevented from rattling, whether in its raised or lowered position.

The sashes can thus be held at any desired point of elevation by the springs F and tongue E, and both can be held closed by the spring-catch G, secured to the upper sash and binding on the meeting-rail of the lower sash. It must be observed that, as the grooves are in the faces of the inner beads that meet the lower sash, and the tongues are in said grooves, should either tongue be broken or any spring become detached, the bead can be quickly removed, a new tongue inserted, or the condition of the spring rectified. This can be done without removing the sashes.

Having described my invention, I claim—

In a holder for the lower sash of a window, the inner beads of the window, grooved longitudinally for their entire lengths in the faces that meet said sash, the curved plate-springs, secured at both ends to the floors of said grooves and situated at proper points, and the movable tongues, situated in said grooves and pushed against the inner surfaces of the side rails of the sash by the said springs to hold the sash at any desired height, substantially as specified.

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

JOHN WM. CORDS.

Witnesses:

E. N. OLMSTED,
B. G. SMITH.