

(Model.)

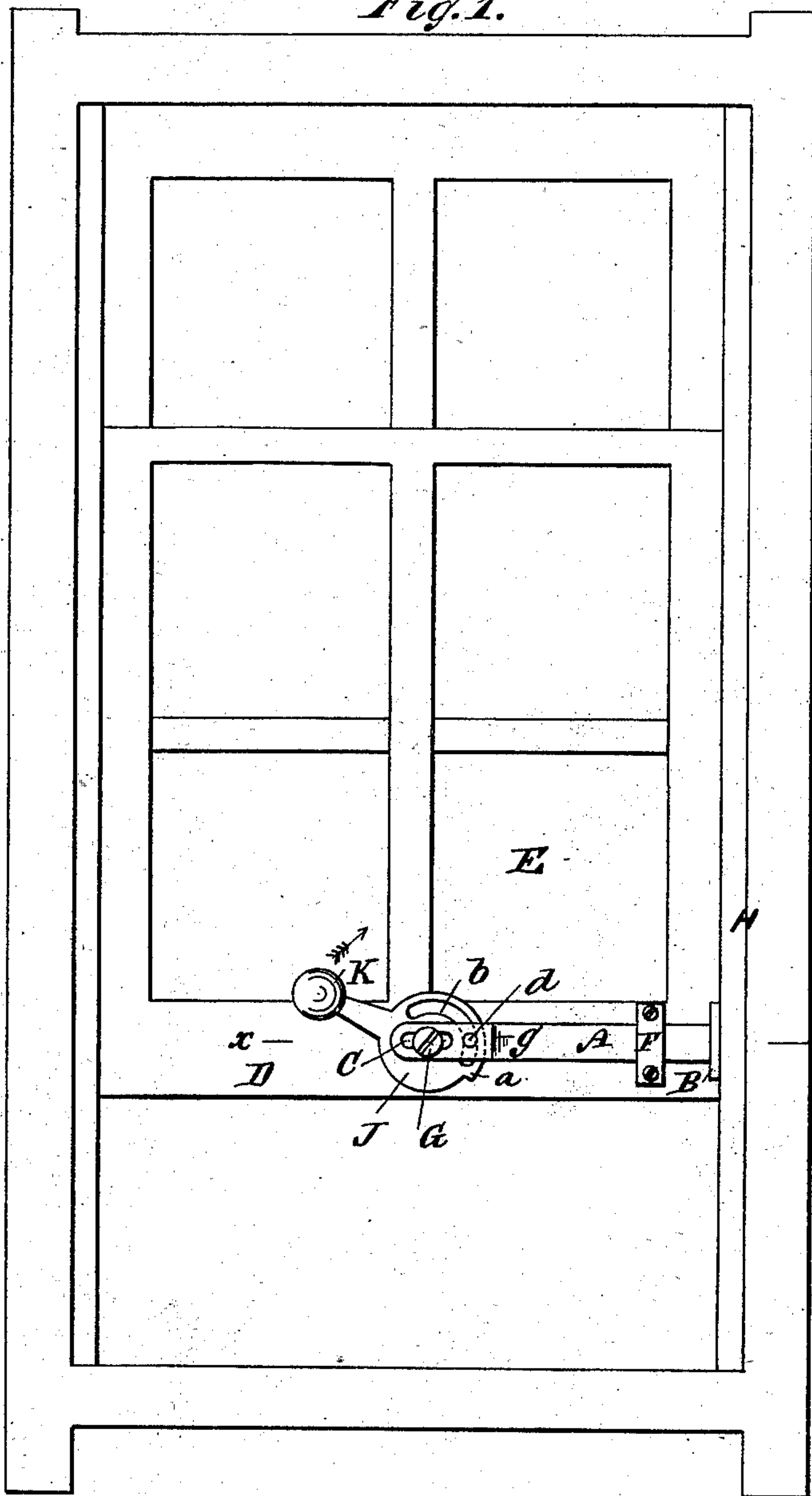
J. V. RISK.

SASH HOLDER.

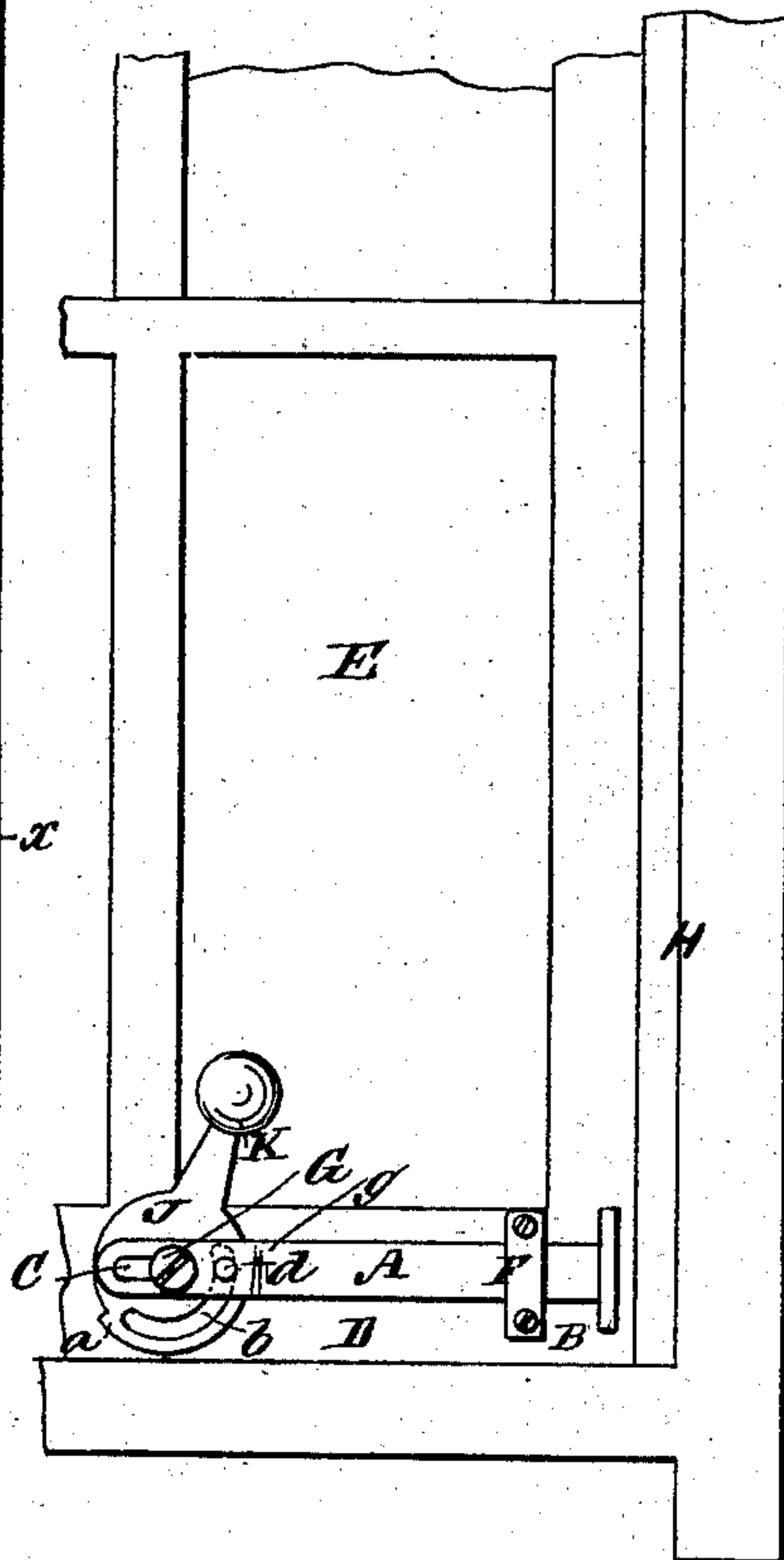
No. 255,025.

Patented Mar. 14, 1882.

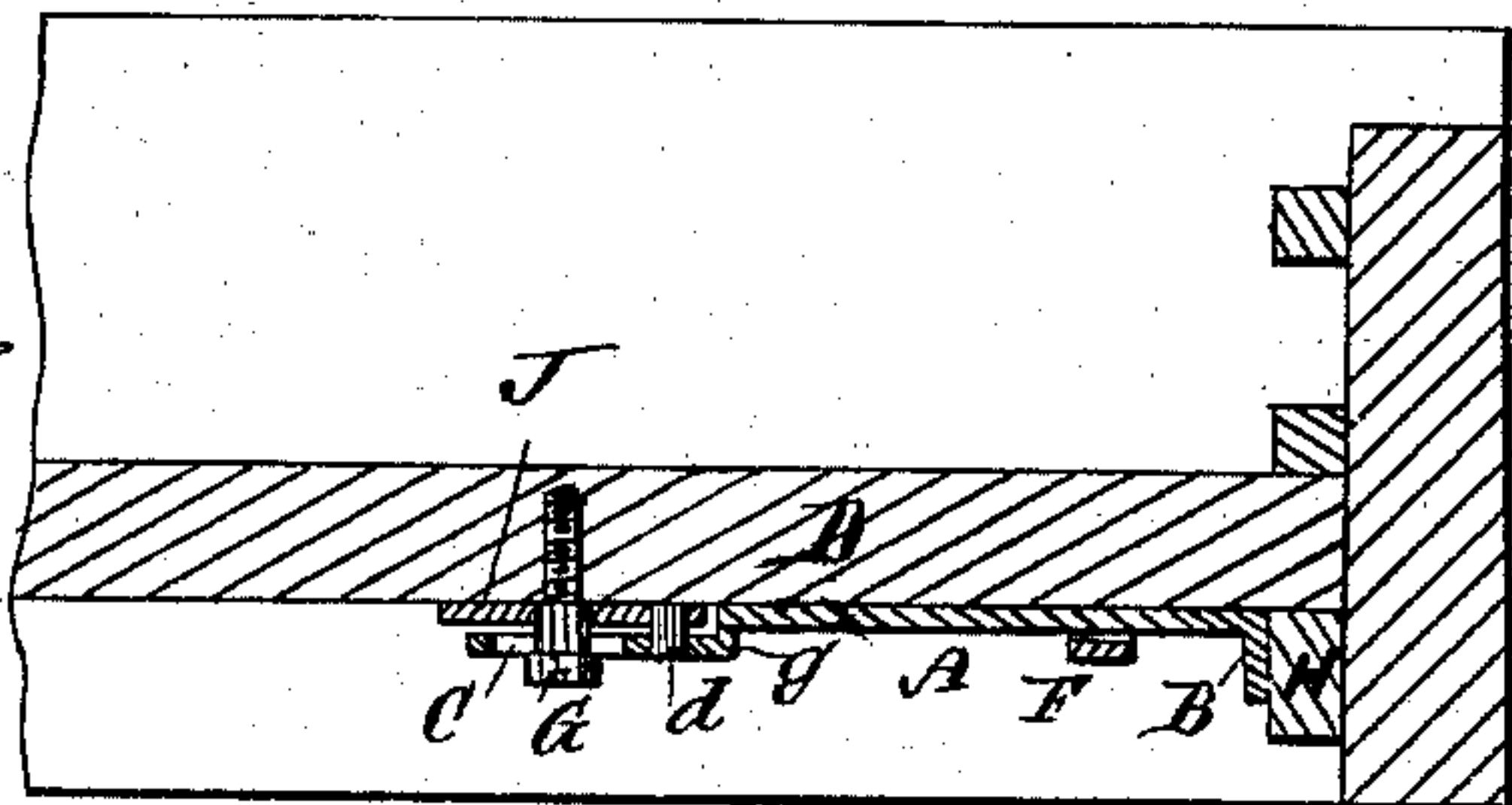
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JAMES V. RISK, OF POINT PLEASANT, WEST VIRGINIA.

## SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 255,025, dated March 14, 1882.

Application filed January 11, 1882. (Model.)

*To all whom it may concern:*

Be it known that I, JAMES V. RISK, of Point Pleasant, in the county of Mason and State of West Virginia, have invented a new and Improved Sash-Fastener, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved device for locking and holding a window-sash at any desired height.

The invention consists in the combination, with a sliding-bolt provided at one end with a friction-plate and at the other with a slot and with an offset and stud, of a pivoted plate provided with a handle, an eccentric slot, into which the stud passes, and with an eccentric edge, as hereinafter described.

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

Figure 1 is an inside elevation of a window provided with my improved sash-fastener, the lower sash being shown partly raised and locked in position by the sash-fastener. Fig. 2 is a part of an inside elevation of the window, showing the sash lowered and unlocked. Fig. 3 is a sectional plan view of the same on line *x x*, Fig. 1, showing the sash locked.

A flat bolt, A, provided at its outer end with a friction-plate, B, at right angles to the bolt, and at its inner end with a longitudinal slot, C, is held on the inner surface of the bottom rail, D, of a sash, E, by a guide loop or clip, F, through which the bolt passes, and by a screw or pintle, G, passing through the slot C. The end plate, B, is adapted to rest or be pressed against the side of the stop-bead H, and the outer surface of this plate can be covered with rubber or any other material to increase the friction, if desired.

The inner or slotted end of the bolt A is provided with a slight bend or offset, *g*, so that a circular cam-plate, J, can be mounted on the pintle G, which cam-plate rests against the bottom rail, D, and is overlapped by the slotted end of the bolt. This circular plate is provided

with an eccentric edge, *a*, and with an eccentric slot, *b*, parallel with the eccentric edge *a*, into which slot a stud *d*, projecting from the inner surface of the bolt A, passes.

The plate J is provided with a handle, K.

Each sash may be provided with the above-described device, the upper sash being recessed sufficiently so that the lower sash will not strike against the bolt or cam-plate and its handle.

The operation is as follows: In Fig. 2 the sash is shown lowered and unlocked. If the handle is moved or turned from the outer end of the bolt, one edge of the eccentric slot *b* will press against the stud *d*, and the eccentric edge *a* presses against the offset *g*, and the bolt is moved toward the stop-bead H, and if the handle K is turned sufficiently the plate B will be pressed so firmly against the stop-bead H that by its friction it can hold the sash in position and prevent it from being raised or lowered, the sash-fastener thus serving as a sash-lock when the sash is lowered. If the sash is thus locked, either lowered or in a raised position, as shown in Fig. 1, the handle K is moved toward the outer end of the bolt—that is, toward the stop-bead—and by this movement of the handle one edge of the slot *b* draws the stud in the direction from the stop-bead H, whereby the end of the bolt will be moved from the stop-bead H and the sash will be released.

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

In a sash-fastener, the combination, with the sliding bolt A, provided at one end with a plate, B, and at the other end with a slot, C, and with an offset, *g*, and a stud, *d*, of the pivoted plate J, provided with a handle, K, an eccentric slot, *b*, into which the stud *d* passes, and with an eccentric edge, *a*, substantially as herein shown and described, for the purpose set forth.

JAMES VINTON RISK.

Witnesses:

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JNO. E. TIMMS.