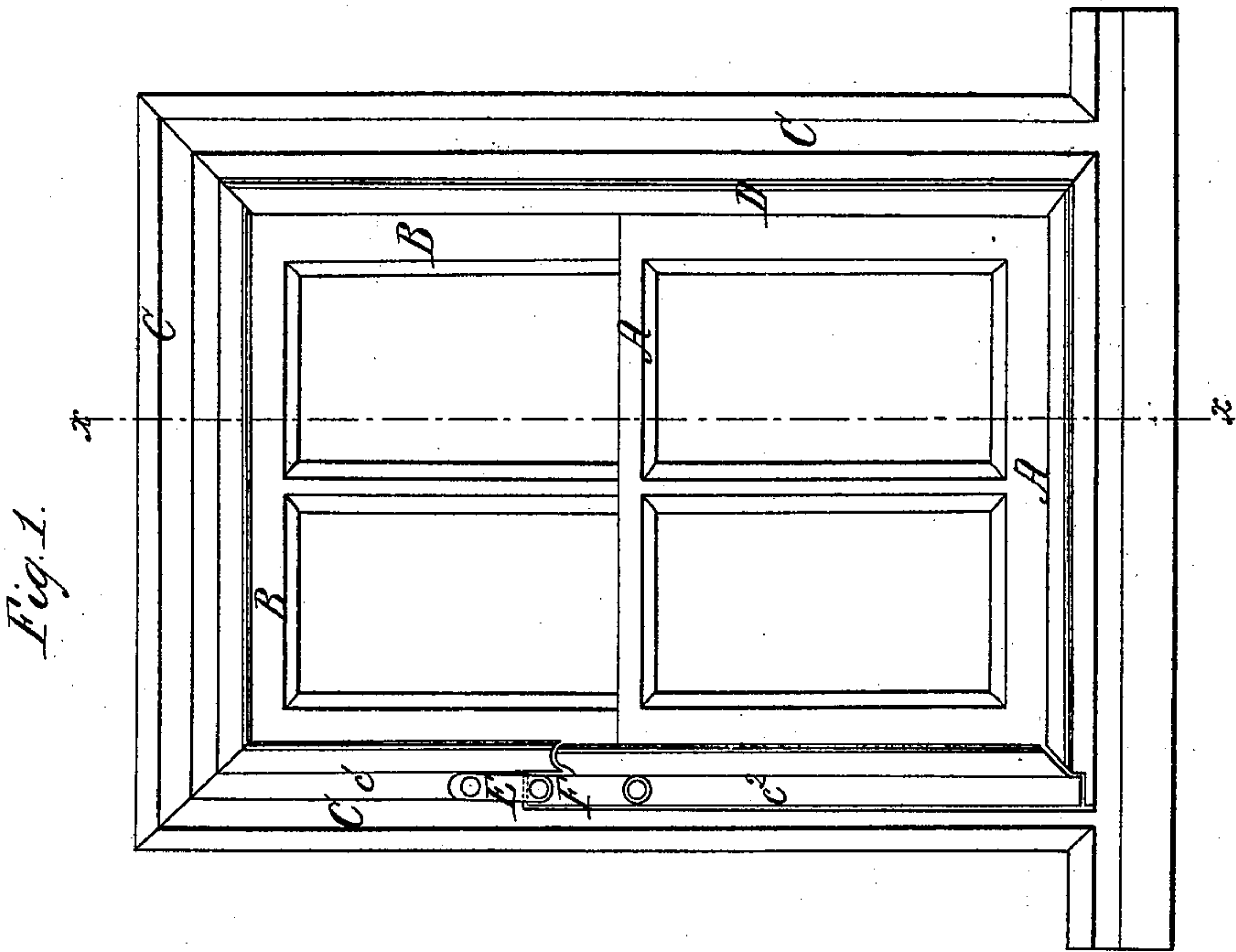
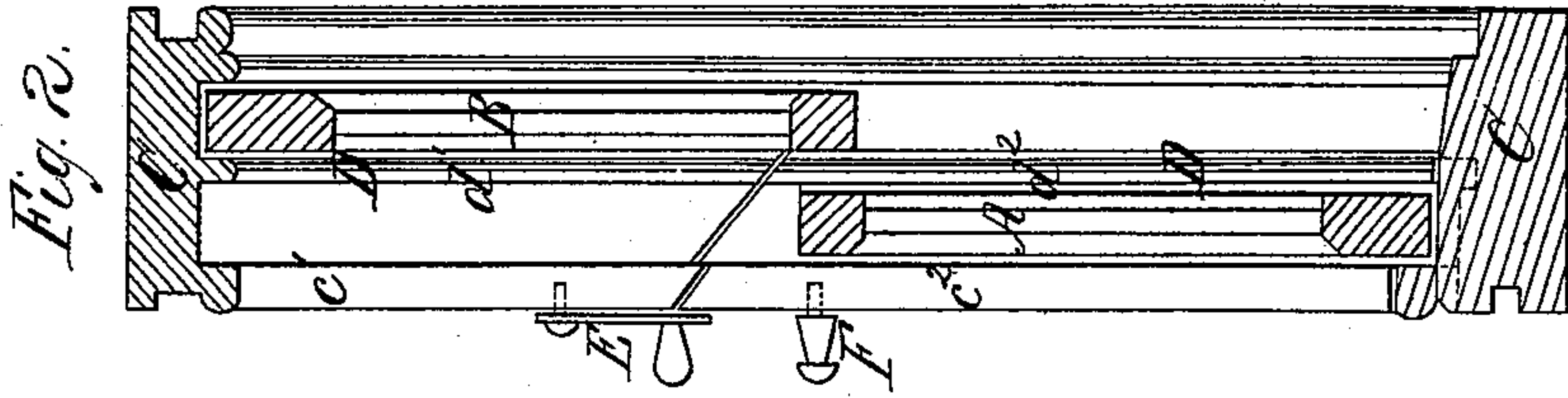


S. Myers,

Window Frame.

No. 85,394.

Patented Dec. 29, 1868.



Witnesses;
Geo. Becker.
Wm A Morgan

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S. Myers.
per. Munn & Co
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SAMUEL MYERS, OF HOGESTOWN, PENNSYLVANIA.

Letters Patent No. 85,394, dated December 29, 1868.

IMPROVEMENT IN WINDOW-FRAMES.

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

To all whom it may concern:

Be it known that I, SAMUEL MYERS, of Hogestown, in the county of Cumberland, and State of Pennsylvania, have invented a new and useful Improvement in Window-Frames; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a front view of a window-frame, illustrating my improvement.

Figure 2 is a detail sectional view of the same, taken through the line *x x*, fig. 1.

Similar letters of reference indicate like parts.

My invention has for its object to improve the construction of window-frames so that the sashes may be easily and conveniently removed, without its being necessary to remove the parting-bead, which is usually a troublesome operation, frequently breaking the bead, injuring the paint, and defacing the frame; and

It consists in making the lower part of the casing of the frame, and of the parting-bead, detachable, as hereinafter more fully described.

A is the lower sash, and B is the upper sash of the window, about the construction of which parts there is nothing new.

C is the window-frame, the outer part or casing of one side of which is made in two parts, *c*¹ and *c*², the upper part, *c*¹, of which is stationary, being securely attached to or forming a part of the frame O.

The lower part, *c*², is detachable, sliding into and out of its seat. The lower end of the sliding part *c*² is made with a tenon, as shown in dotted lines in fig. 2, which enters a mortise in the lower part of the frame C.

The lower end of the stationary part *c*¹ and the upper end of the detachable part *c*² are made inclined, as shown

in fig. 2, so that the said detachable part may be removed by drawing its upper end outward, and at the same time sliding it upward.

D is the bead, which separates the sashes and keeps them in their proper grooves while being raised and lowered.

The bead D is made in two parts, *d*¹ and *d*². The upper part, *d*¹, is securely attached to the stationary part, *c*¹, of the frame or casing C, and the lower part, *d*², is securely attached to the detachable part, *c*², of the frame C, so as to be taken out and put in, in connection with said detachable part *c*².

The detachable pieces *c*² and *d*² may be secured in place by a button or catch, E, pivoted to the stationary part of the frame C, as shown in the figures, 1 and 2.

If desired, a knob, F, may be attached to the movable part, *c*², of the casing, for convenience in handling it.

The movable part, *c*² and *d*², can be detached only when the lower sash is lowered, and as it is removed it will partially remove the said lower sash, allowing it to be readily removed. The upper sash may then be lowered and removed.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

Constructing the window-frame with the lower portion of one side of the casing of said frame C, and of the parting-bead D, removable together, substantially as herein shown and described, and for the purpose set forth.

SAMUEL MYERS.

Witnesses:

JOHN C. FINK,

GEORGE W. KNISELY.