

C. Sholl,

Sash Holder.

No. 91,490.

Patented June 15, 1869.

Fig. 1.

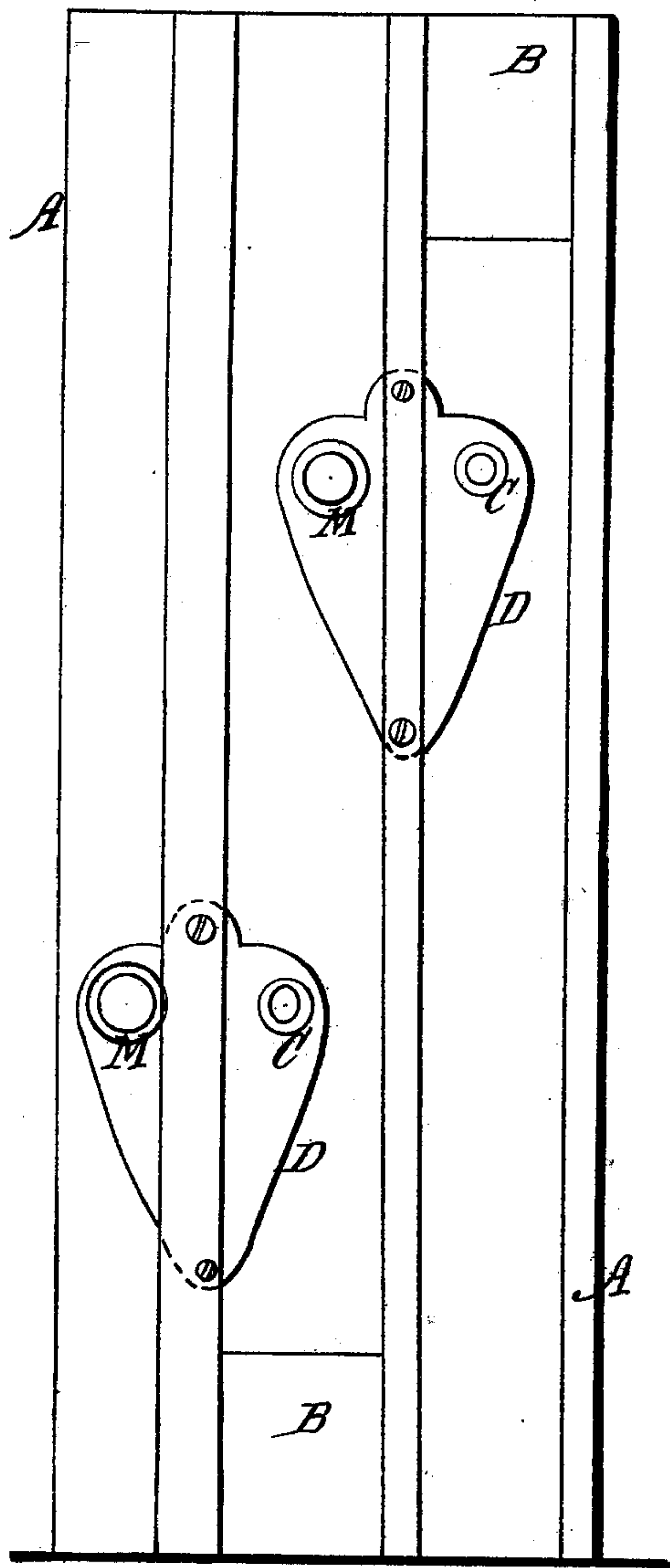


Fig. 2.

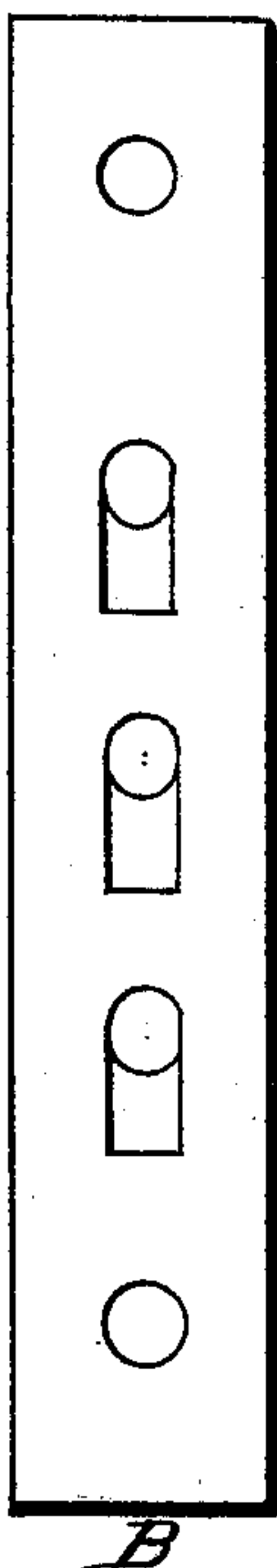


Fig. 3.

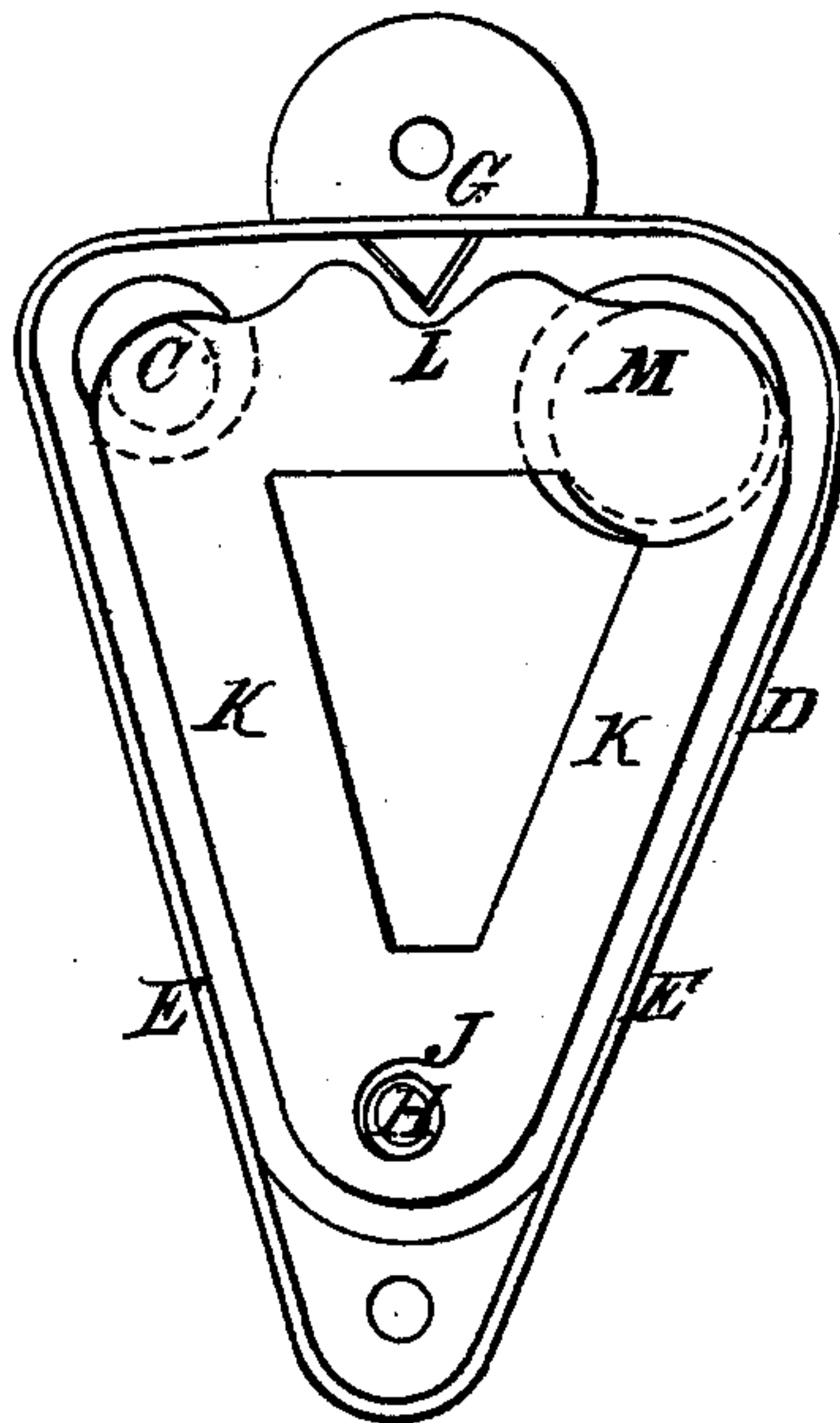
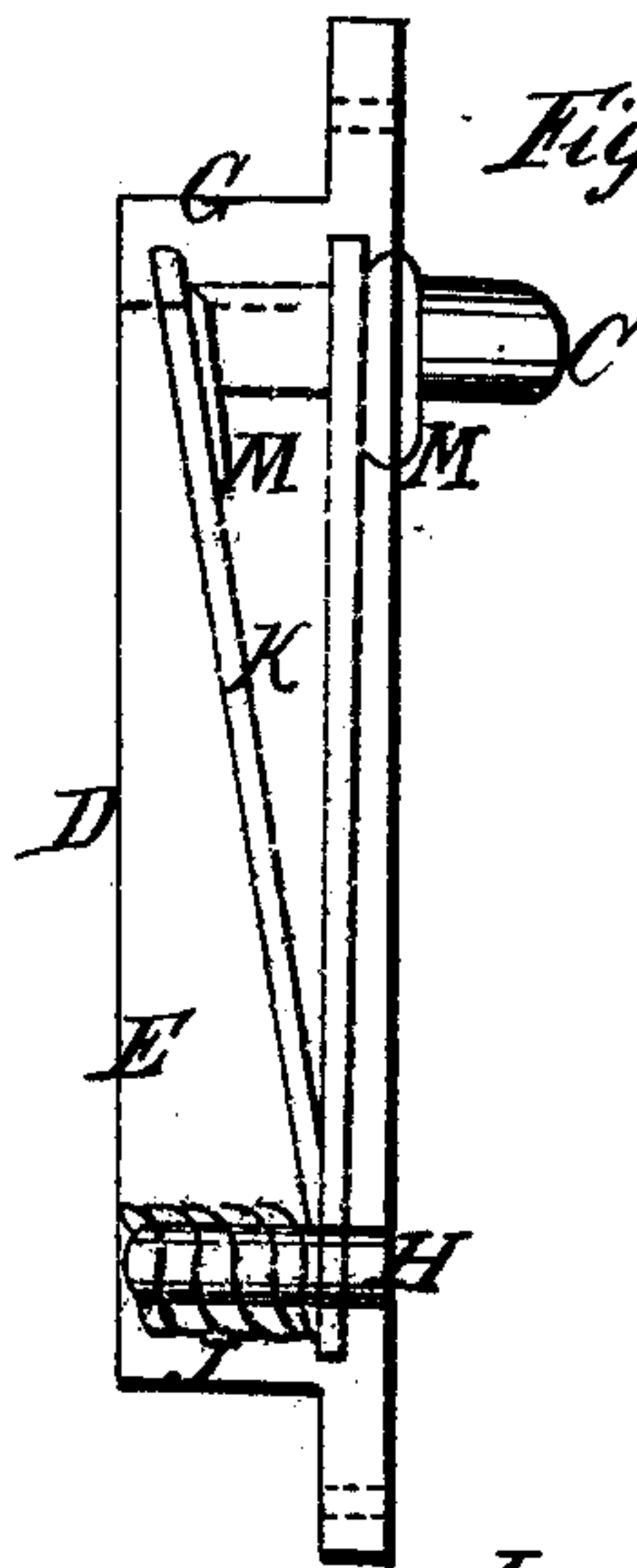


Fig. 4.



Witnesses
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By his Atty.
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United States Patent Office.

CHRISTIAN SHOLL, OF MOUNT JOY, PENNSYLVANIA.

Letters Patent No. 91,490, dated June 15, 1869.

IMPROVED SASH-HOLDER.

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, CHRISTIAN SHOLL, of the borough of Mount Joy, county of Lancaster, and State of Pennsylvania, have invented a new and useful Window-Sash Fastening; and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 represents the frame, with the fasteners.

Figure 2, the side of a sash, with holes.

Figure 3, the box containing the fastening.

Figure 4, a side view of the same, showing the spring-plate, as it operates back and forward in the inside of the metallic box.

The nature of my invention consists in the construction of a metallic box, with an angular plate on the inside, operating on a spiral spring below and a guide at top, for the purpose of holding and fastening a window-sash in any position.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

A represents the window-frame, in which the fastening is permanently fixed.

B, the upper and lower sash, with apertures and slots at the side, in which the spring-catch C passes, and holds the sash in any position.

D is the metallic box, that may be made with or without its raised rim or side flange E. It is fitted into a mortise in the frame A.

It has a V-shaped guide, G, at top, and a projecting-pin, H, below, that hold the spiral spring J, upon which the inside angular plate K operates, whilst the notch L, at the top of the plate, works on the guide G,

and enables the plate to operate backward and forward accurately.

This inside plate K has its projecting pin C, that is, the lock or fastening that springs through the aperture of the front plate of the box D, and passes into any one of the holes or slots in the sash, as the sash raised or lowered.

On the opposite end of the angular plate K is a projecting pin, with a round knob or head, M, which fits another aperture in the front plate of the box D, and which is the button or knob upon which the finger is pressed, to force back the angular plate K, to withdraw the pin or lock C from the slot or hole in the side of the sash, when the window is to be raised or lowered, and freed from the fastening.

The advantage in the construction of this fastening is, that the inner V-shaped plate K, resting upon the strong pin at the bottom of the box D, and sustaining the sash by its bolt C, adds to its strength; whilst this angular plate K, being firmly braced by the box D on all sides, is prevented from getting out of order, or losing its elasticity or operation against the spiral spring J.

What I claim as my invention, and desire to secure by Letters Patent, is—

A metallic box, D, with or without its side flange, E, having a V-shaped guide, G, at top, and pin H below, that holds the spring J and angular plate K, which has its V-shaped notch at top, working on the guide G and pin-lock C at one end, and button M on the other end, all arranged and operated substantially as described and set forth.

Witnesses: CHRISTIAN SHOLL.

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