

W. C. McGill,

Sash Holder.

N^o 49,541.

Patented Aug. 22, 1865.

Fig. 1.

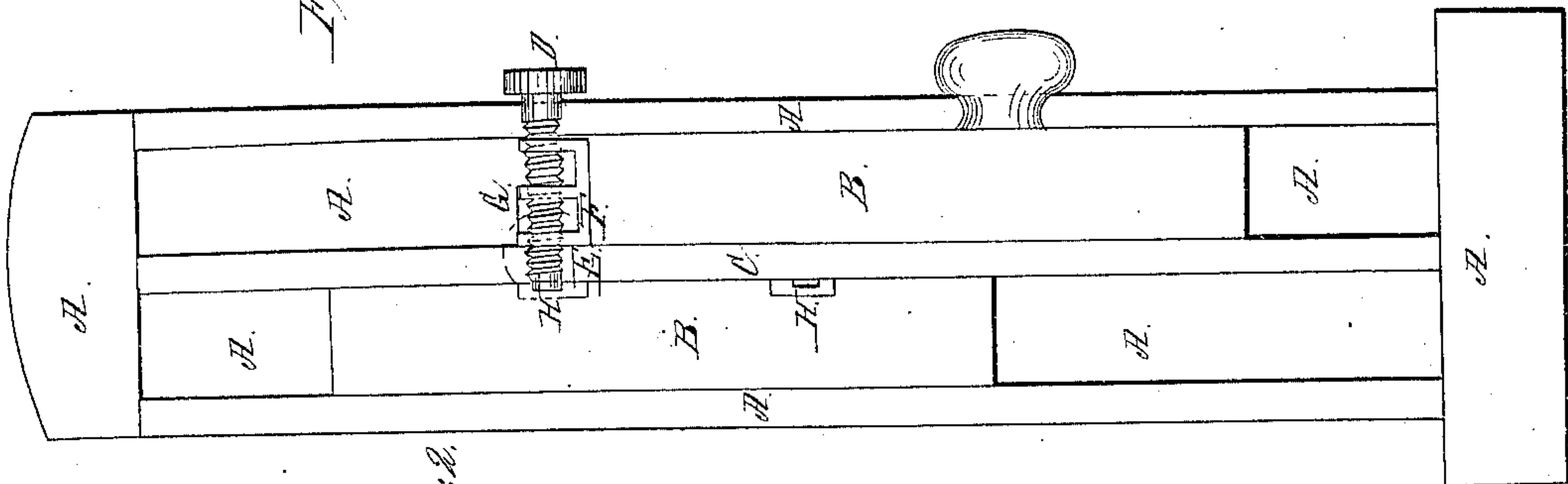


Fig. 2.

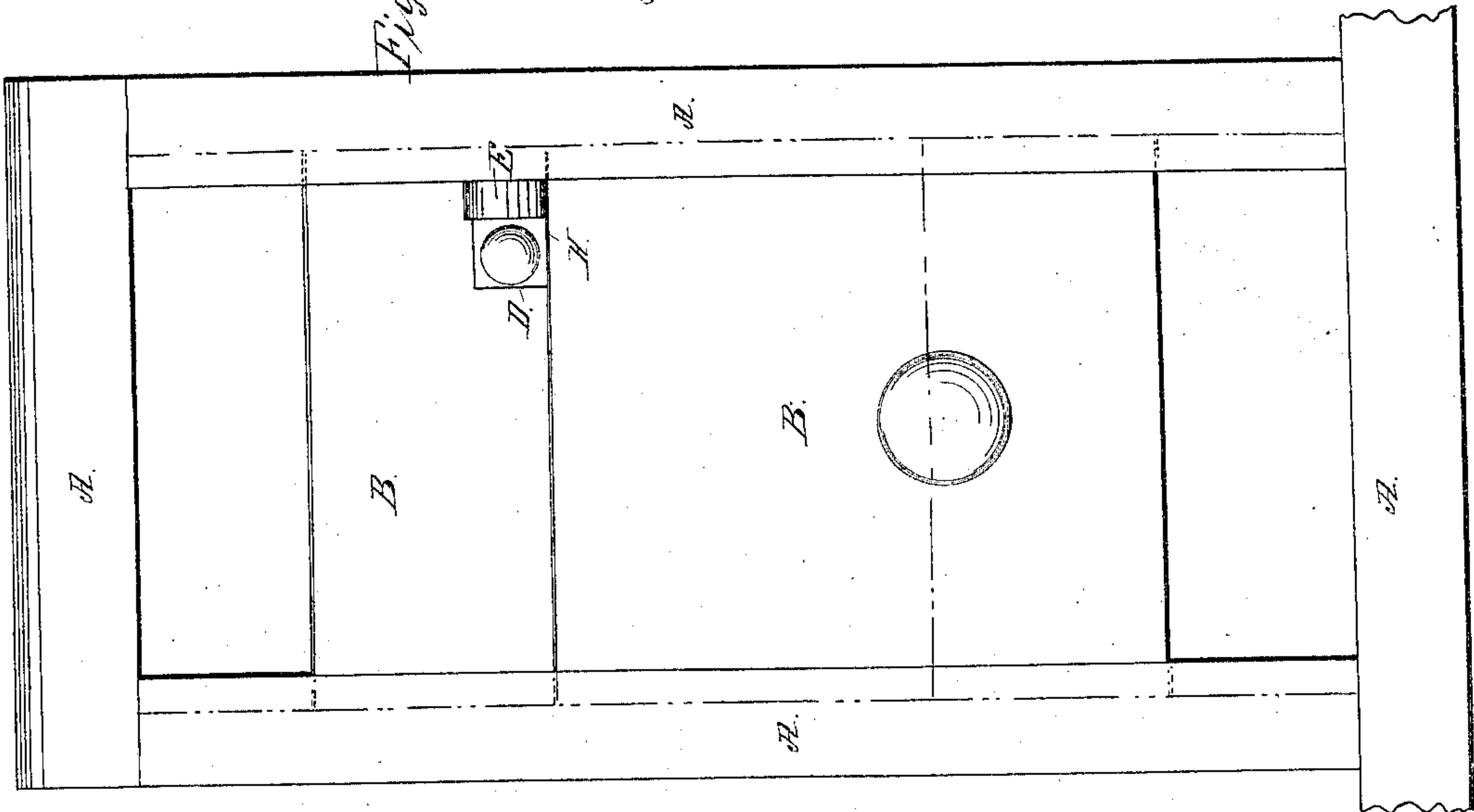
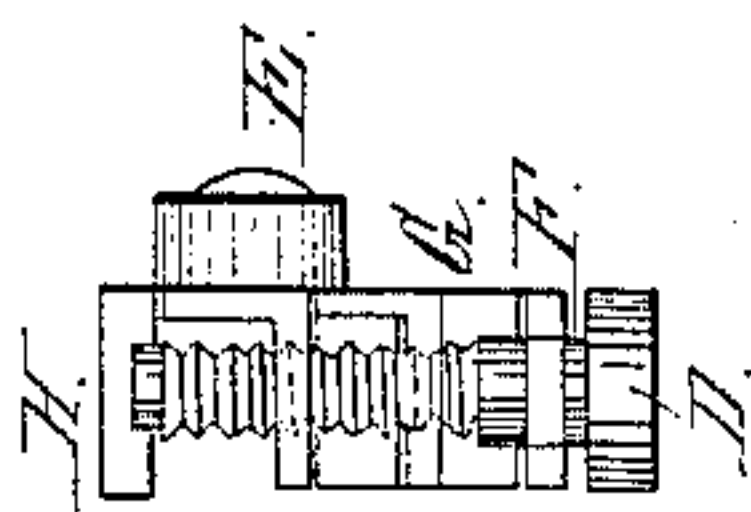


Fig. 3.



Witnesses:

Wm. Dwyer
A. G. Gibson

Inventor

W. C. McGill

UNITED STATES PATENT OFFICE.

W. C. MCGILL, OF CINCINNATI, OHIO.

SASH-SUPPORTER.

Specification forming part of Letters Patent No. 49,541, dated August 22, 1865.

To all whom it may concern:

Be it known that I, W. C. MCGILL, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Sash-Supporters; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 represents a side view of two sash in a frame with one side of removed. Fig. 2 represents a front view of a window-casement with two pieces of wood to represent sash locked together with the improved supporter. Fig. 3 is a top view or a detached fastener.

Similar letters of reference indicate corresponding parts in the drawings.

To enable others skilled in the art to fully understand and construct my invention, I will proceed to describe it.

The parts marked A represent the casement or frame of a window. C, Fig. 1, is a parting-bead between the sash. The parts marked B are represented as the sash, one elevated from the window-sill and the other depressed and made fast by means of a screw-bolt, D, working in a stationary frame, F, fastened to the top of the lower sash, in connection with and terminating in a recessed plate, H, placed in the upper sash, B, in connection with the bolt D and stationary frame F, a movable slide-plate, G, with an elastic roller, E, attached, to be regulated by having the screw-bolt D pass through it for the purpose of pressing the roller against the upper sash, causing friction enough to sustain both sash in any position desirable; or the screw-bolt may be forced through far

enough into the recess-plate H to lock both sash in any position.

The advantage obtained by the operation and construction of this device is that the screw-bolt D serves as a double purpose: First, it serves to lock both sash in any position simply by screwing the bolt D through frame F into the recess in plate H in the upper sash, and in the adjustment of the friction-roller E that is attached to the movable plate G. The end of plate at G is turned at right angles from the roller to allow the bolt D to screw through it, and in so doing the position of plate G must be determined by turning bolt D through plate G at the exact point to allow desirable pressure of roller against the upper sash before the bolt D enters the rear part of stationary frame F, as the position of plate G and roller E will not be changed by the turning the bolt D in either direction after it has passed through the rear part of the stationary frame. The roller E may be placed in any position desirable for pressure previous to the bolt D being screwed through both parts of stationary frame F.

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

A friction-roller made of rubber or other elastic substance, in combination with screw-bolt D and movable plate G and frame F, to regulate the same at will, operating as and for the purpose specified.

W. C. MCGILL.

Attest:

WM. DAEGEN,
A. J. GIBSON.