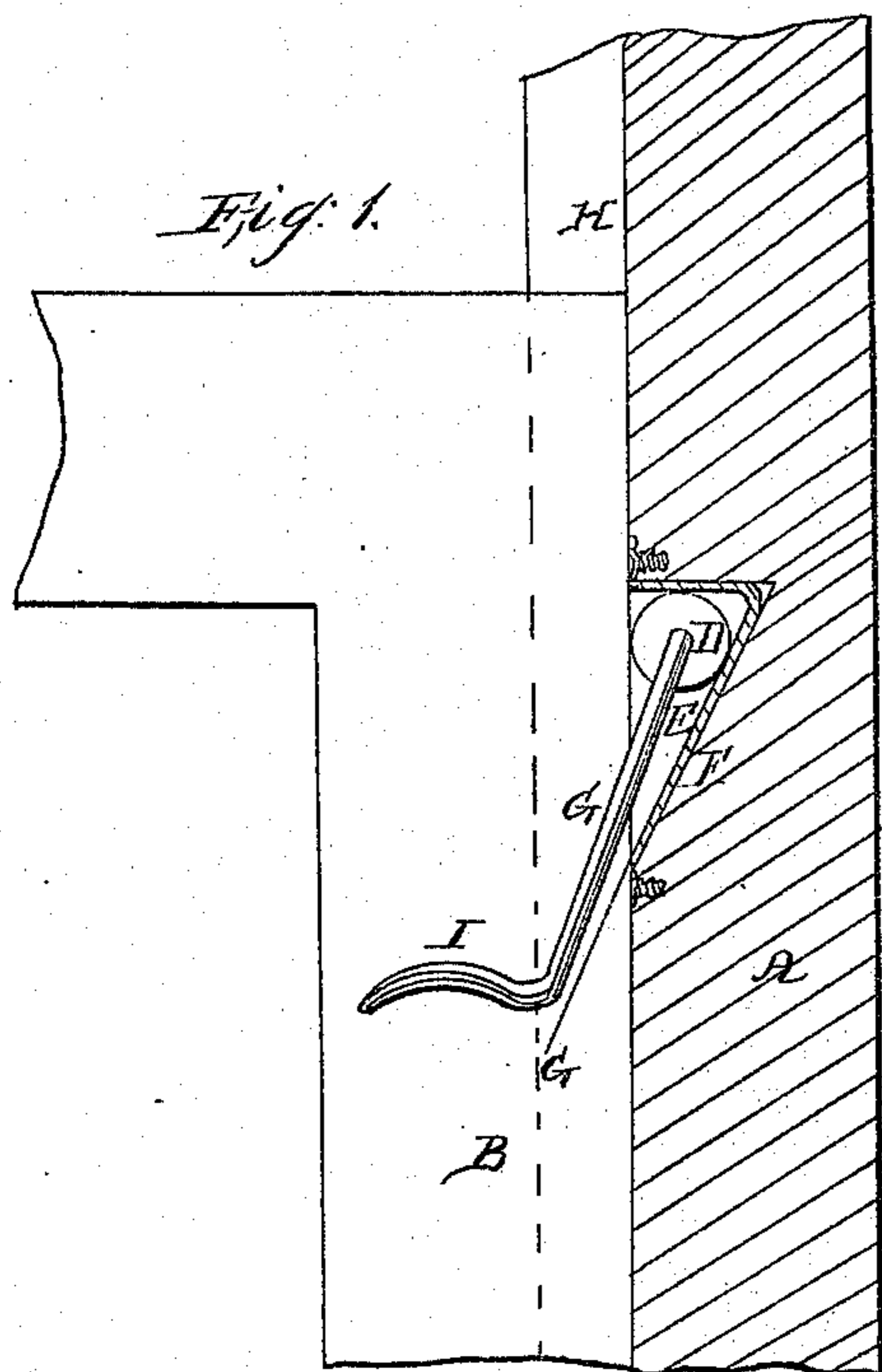


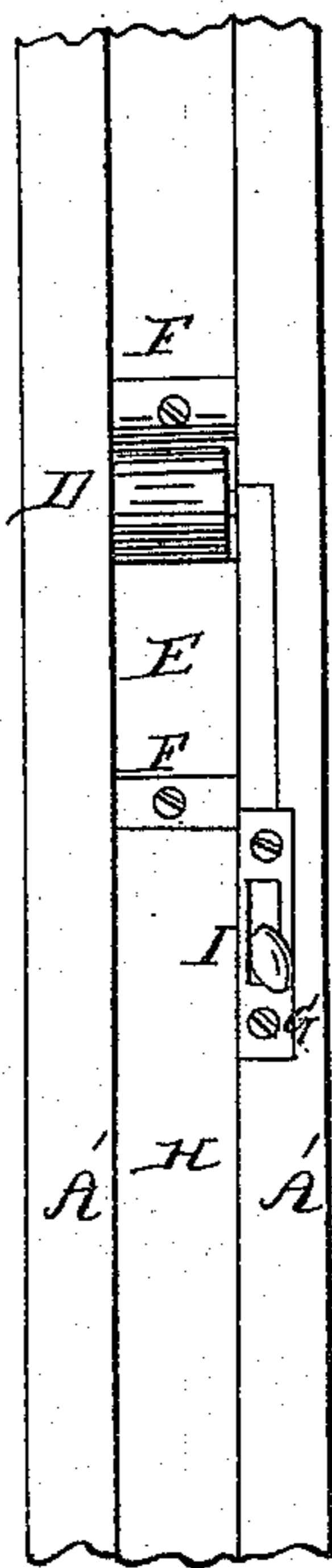
*M. V. B. White,*  
*Sash Holder.*

*N<sup>o</sup> 55,940.*

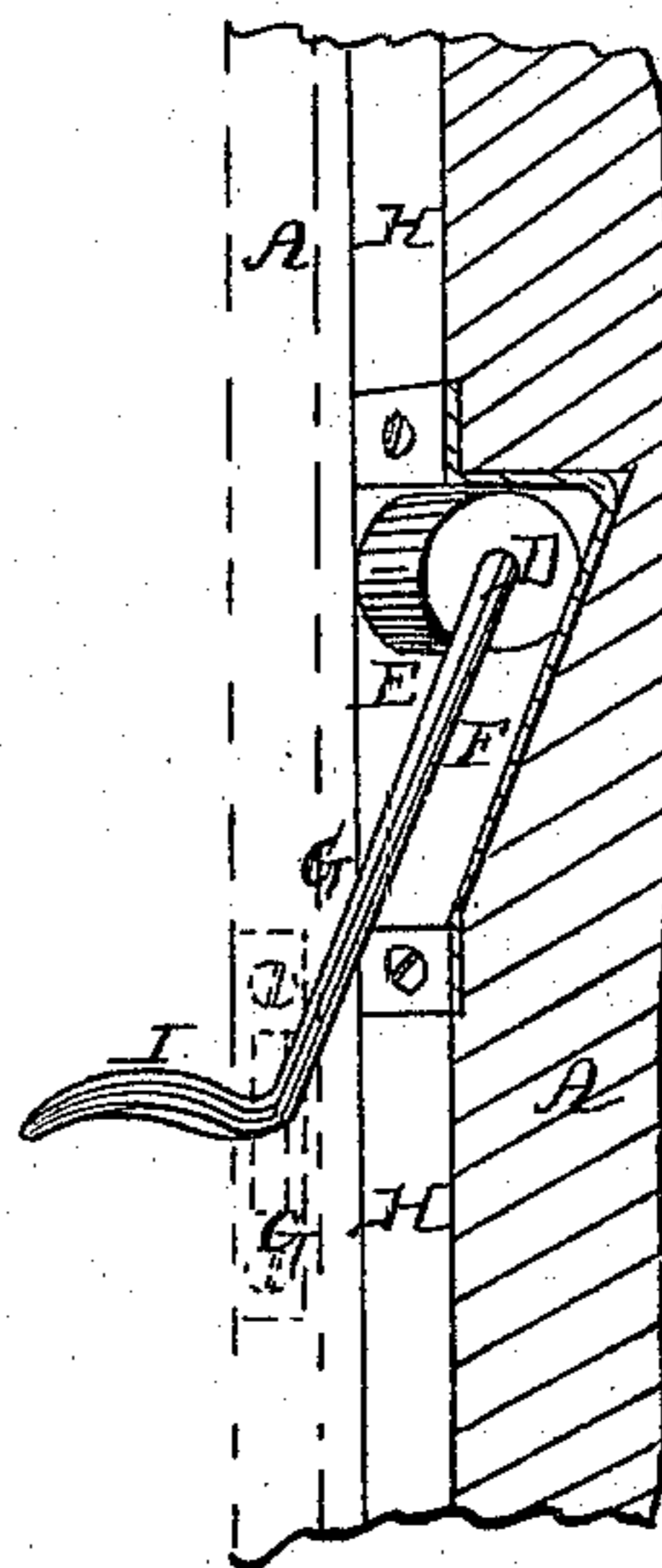
*Patented June 26, 1866.*



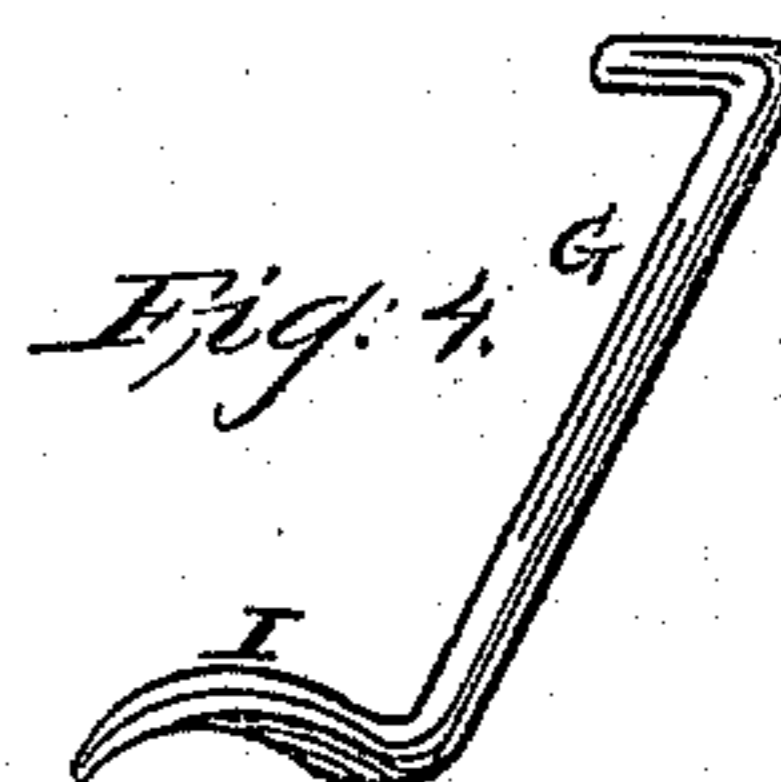
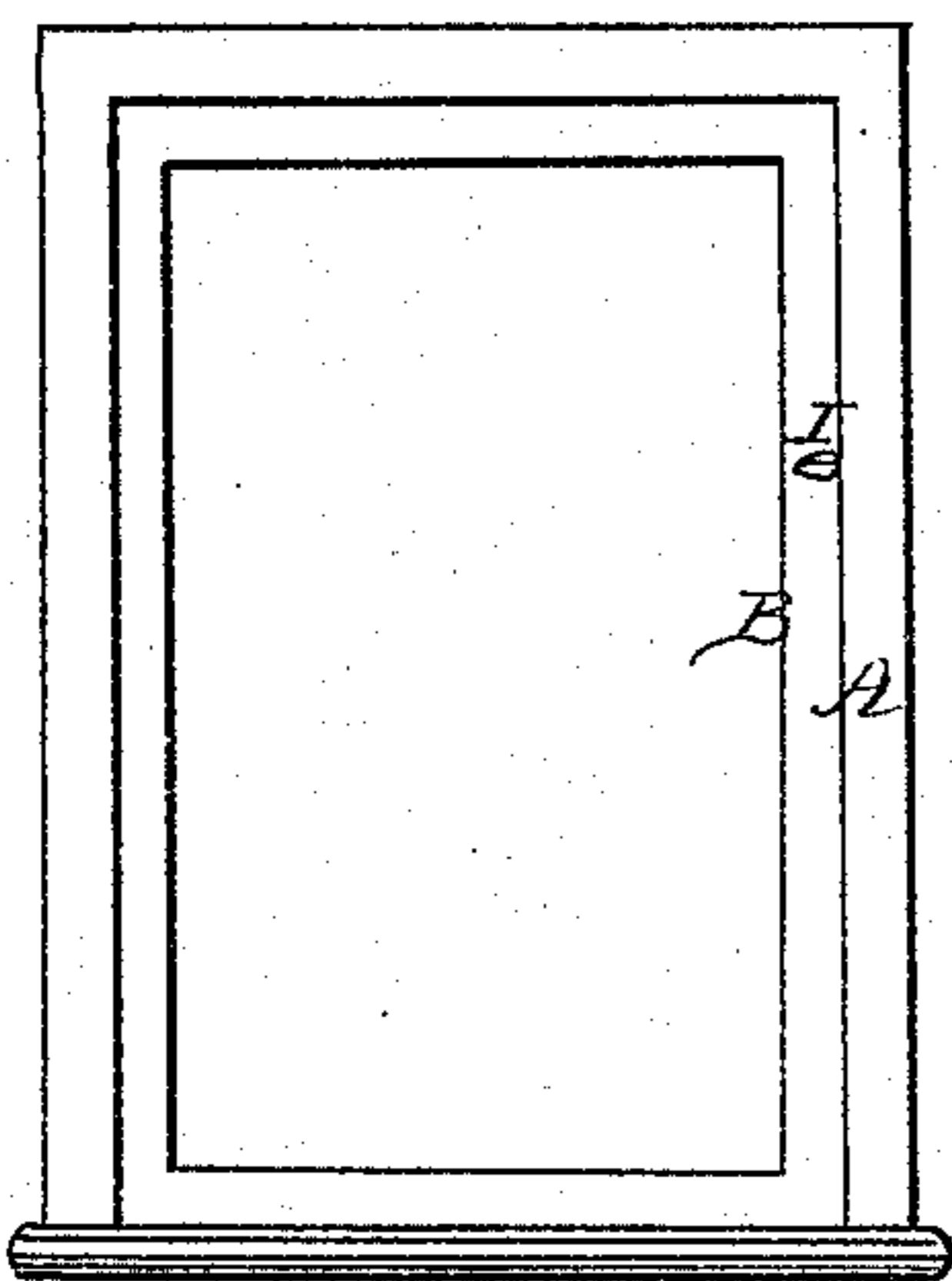
*Fig. 2.*



*Fig. 3.*



*Fig. 5.*



*Witnesses:*  
*Charles D. Kellum*  
*R. H. Riddle*

*Inventor:*  
*M. V. B. White*

# UNITED STATES PATENT OFFICE.

MARTIN V. B. WHITE, OF TROY, NEW YORK.

## IMPROVEMENT IN SASH-SUPPORTERS.

Specification forming part of Letters Patent No. 55,940, dated June 26, 1866.

*To all whom it may concern:*

Be it known that I, MARTIN V. B. WHITE, of the city of Troy, county of Rensselaer, and State of New York, have invented a new and Improved Latch or Catch for Car and other Windows; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being hereby had to the accompanying drawings, which make and form a part of this specification.

Like letters represent and refer to like or corresponding parts.

Figure 1 is a cross-section through the window and window-frame, showing the recess E and roller D, arm C, with thumb-piece I on the end thereof, each more fully hereinafter described and set forth. Fig. 2 is a face view of the window A, showing the groove H in which the window slides, also recess E and roller D, the plate G, through which the arm C protrudes, and is made stationary to the window-frame A' by means of screws, as more fully hereinafter described. Fig. 3 is a perspective view, showing my improved latch as it would appear when in its proper place in the frame of a window. Fig. 4 is a perspective of the arm C and thumb-piece I. Fig. 5 is a front elevation of a window and window-frame, showing the position of the thumb-piece I.

The nature of my said invention and improvement consists in the employment of a handle or arm constructed of iron, brass, or other suitable material, combined with a cylindrical-shaped roller, D, both of which are set in a suitable recess in the side of a window-frame, operating the window in the manner substantially as shown in the drawings and more fully hereinafter described.

To enable others skilled in the art to which my invention relates to make and use the same, I will here proceed to describe the construction and operation thereof, which is as follows, to wit:

A, Figs. 1, 2, 3, and 5, shows the window-frame into which my said improved catch is placed. A', Fig. 2, shows a part of the window-frame A.

B, Figs. 1 and 5, is the window, which operates in the groove H of the window-frame A, and is operated by means of my improved catch, as hereinafter fully described. The said window and window-frame may be con-

structed of any material deemed best without interfering with the object of my said catch.

E, Figs. 1, 2, and 3, is a recess in the said window-frame A. The said recess is lined with iron, brass, or other suitable material, and is triangular in shape. The said lining to the recess is made fast to the window-frame by means of the screws, as seen at Figs. 2 and 3.

In the said recess E is placed the said cylindrical-shaped roller D, which is made of any metal deemed best. In the center of said roller is a hole in which the said arm or handle C is placed, as seen at Figs. 1, 2, and 3. The said arm extends down and through the said plate G out of the said window-frame A'. The said arm C runs in a groove in the said triangular recess, as shown by dotted lines at Fig. 2. The said plate G is made fast to the window-frame A' with screws, as seen at Fig. 2.

I, Figs. 1, 3, 4, and 5, is the thumb-piece on the end of the arm C, by means of which the said catch is operated.

The said roller, arm, and lining to said recess E may be constructed of any material deemed best, but I generally prefer malleable iron, as being the cheapest and the best adapted to that purpose. The different pieces can be cast at very little expense and easily fitted together by any common workman.

The operation of my said improved catch is as follows, to wit: When it is desired to raise the window the same is done by taking hold of a suitable device constructed upon the said window and sliding the same up in the grooves H in the said window-frame A, the said roller D being pressed up in the upper part of said recess E, where it has plenty room without pressing against either the window or the side of the said recess E, therefore not interfering with the raising of the said window B; but as soon as the upward motion of the said window is stopped, the said roller drops down and is closely wedged between the said window and the hypotenuse side of the triangular-shaped recess E. The more the window is pressed down the more firmly it would be fastened, and it would be impossible to force it down without breaking the window-frame A.

When it is desired to shut the window the same is accomplished by pressing upward on the said thumb-piece I, thereby pressing the

said roller to the upper part of the said recess, leaving the said window free to descend. No matter how hard the said window may be pressed down, before dropping it, by means of the said thumb-piece, there will be no difficulty in pressing up the said thumb-piece and dropping the said window, as aforesaid.

The said thumb-piece I may be of any shape or size deemed best for the purpose it is intended.

When it is desired to use my said invention and improvement in connection with store, dwelling, or other windows, where it is desirable to have the window fastened down, as well as when it is raised, it may be done in the following manner: By placing my said improved catch both on the window and on the window-frame. It will be readily seen that to raise the window when arranged in this manner it will be necessary to lift the catch, which would be on the window, and that when raised as far as desired it would be held in its place

by the catch in the window-frame, as hereinbefore described.

When it is desired to close the window the same is done by pushing the thumb-piece up on the catch in the window-frame, in the manner substantially as hereinbefore described.

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

The employment of the arm-piece or rod C, having the thumb-piece I thereon, and the opposite end thereof so constructed as to receive the roller D and operate the same within the triangular recess E, each being arranged and combined in the manner substantially as herein described and set forth.

In testimony whereof I have hereunto set my hand this 2d day of June, A. D. 1865.

M. V. B. WHITE.

Witnesses:

CHARLES D. KELLUM,  
R. H. REILLEY.