

P. W. Greenwood,

Sash Holder.

No. 107,773.

Patented Sept. 27, 1870.

Fig. 1.

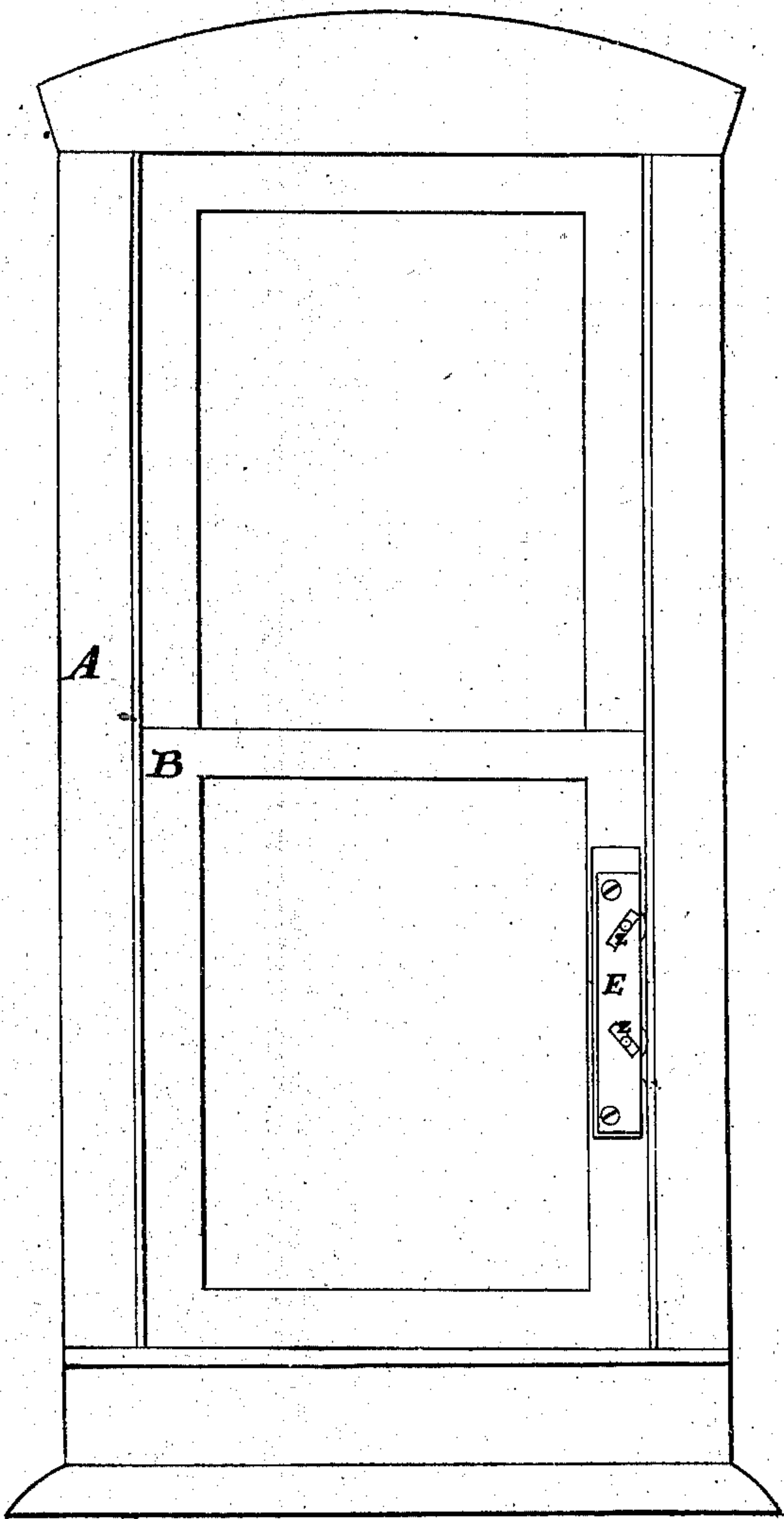


Fig. 2.

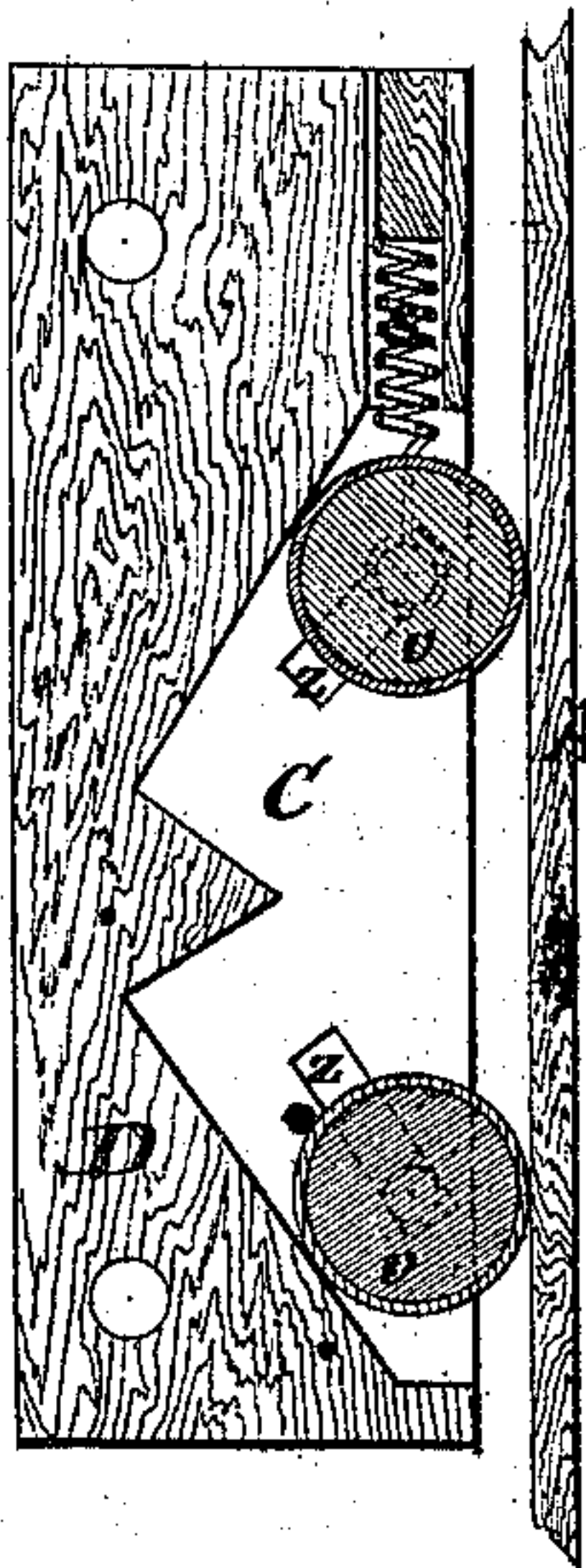
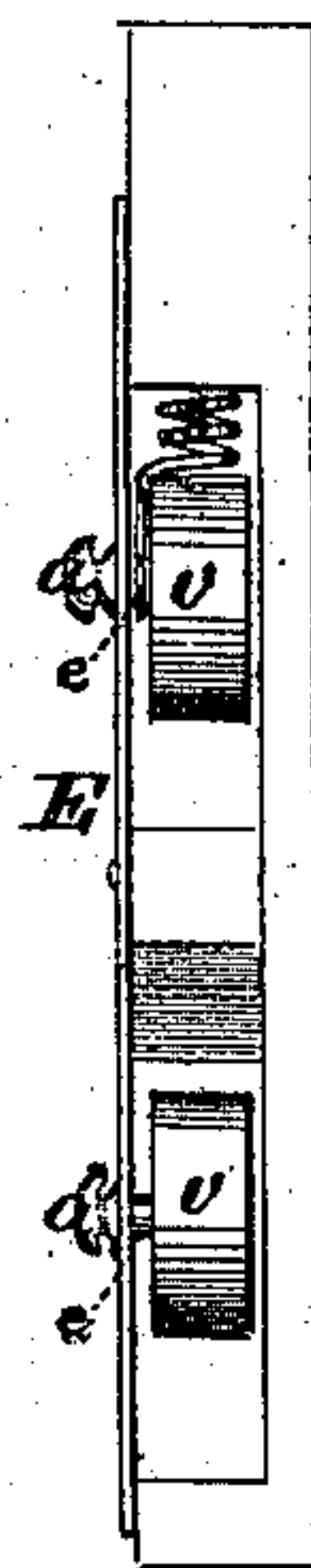


Fig. 3.



Witnesses:

Chas. K. Lyon.
Eow. P. Maci.

Inventor:

P. W. Greenwood,
Chipman & Smith & Co.,
Attorneys.

United States Patent Office.

PRENTICE W. GREENWOOD, OF PETERBOROUGH, NEW HAMPSHIRE.

Letters Patent No. 107,773, dated September 27, 1870.

IMPROVEMENT IN SASH-HOLDERS.

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, PRENTICE W. GREENWOOD, of Peterborough, in the county of Hillsborough and State of New Hampshire, have invented a new and valuable Improvement in Window-Fasteners; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a front view of my invention.

Figure 2 is a vertical section of the same.

Figure 3 is an edge view of the same.

My invention has relation to fastening devices for window-sashes, and consists in connecting springs with the rollers, arranged in oblique slots, for the purpose of holding such rollers to duty against the jamb of the window, so arranged that the sash will be prevented from moving upward, as well as downward, thereby making it perfectly steady, and serving, through the lower roller, as a lock for securing the sash down.

The letter A of the drawing designates the window-frame.

B represents a window-sash, to which my invention is secured.

C is a recess formed in a block, D, or in the wood of the sash itself. If the block is employed, it is afterward secured to the sash.

E represents a metal plate fastened over the recess, confining the rollers therein.

In the metal plate are cut the slots *z z*, converging

toward each other, and having their nearest ends furthest from the window-jamb.

v v are the rollers, usually having each but one journal, *e*, bearing in its slot *z*. The perimeters of the rollers operate most satisfactorily when bound with rubber.

Within the recess is a small spring, *s*, arranged to draw or push the upper roller into the upper end of the recess, and thus keeping it constantly in contact with the window-jamb.

The lower roller is kept in contact by its own weight; hence they are both automatic in their action.

The rollers are operated to release the sash by means of the projecting journals, which are furnished with little knobs *a a*.

I am aware that it is not new to use a rubber roller in an inclined slot, for the purpose in view; hence, I do not claim such an invention; but

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

In combination, the recess C, covering-plate E, having the oblique convergent slots *z z*, the spring *s*, operating in connection with the upper roller, and the rollers *v v*, when constructed and arranged to operate substantially as shown and described.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

PRENTICE W. GREENWOOD.

Witnesses:

EZRA M. SMITH,
ALBERT S. SCOTT.