J. A. THOMPSON.

Window-Screens.

No. 140,967. Patented July 15, 1873.

Fig 1

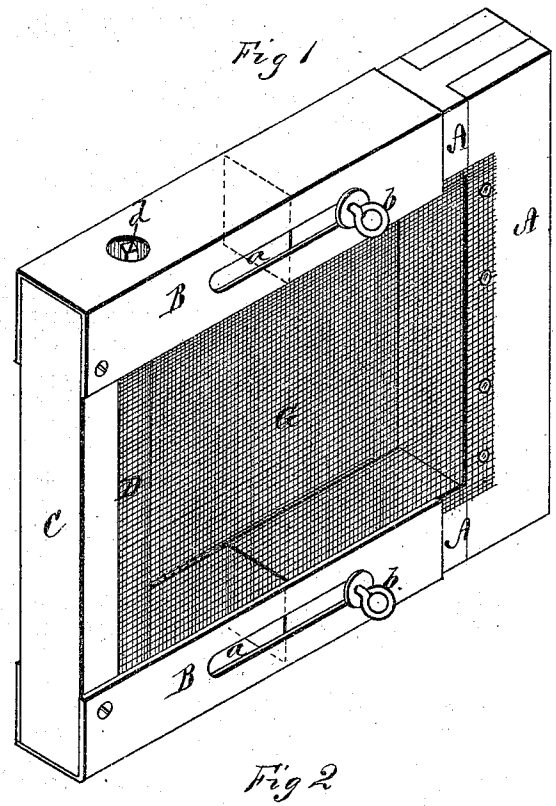
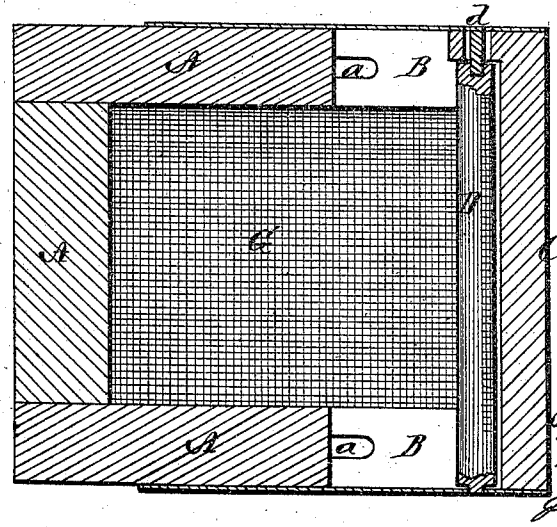


Fig 2



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AM. PHOTO-LITHOGRAPHIC CO. N.Y. (OSBORNE'S PROCESS.)

UNITED STATES PATENT OFFICE.

JOHN A. THOMPSON, OF READINGTON, NEW JERSEY.

IMPROVEMENT IN WINDOW-SCREENS.

Specification forming part of Letters Patent No. **140,967**, dated July 15, 1873; application filed May 24, 1873.

To all whom it may concern:

Be it known that I, JOHN A. THOMPSON, of Readington, in the county of Hunterdon and in the State of New Jersey, have invented certain new and useful Improvements in Window-Screen; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of an adjustable window-screen, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view, and Fig. 2 a longitudinal vertical section, of my adjustable window-screen.

A represents a rectangular three-sided frame, made of wood or other suitable material. The top and bottom bars of this frame are made to slide in boxes or casings B B, attached to the ends of a vertical wooden bar, C. These boxes or casings may be made of tin, copper, or any other light metal, and are slotted longitudinally on their inner sides, as shown at *a a*. Through the slots *a a* set-screws *b b* are passed into the top and bottom bars of the frame A to hold the same at any point desired. The wooden bar C is cut out on the inner side, as shown, for the reception of an upright roller, D, having its bearings in the remaining part of the bar C and boxes B. One journal, *d*, of the roller D is made square on the end and a recess formed around the same for the insertion of a key on said journal with which to turn the roller. On the roller D is wound a wire screen, G, one edge of said screen being attached to the roller, and the other edge to the vertical bar of the frame A, while the upper and lower edges of the screen are concealed within the boxes or casings B B.

The entire device, thus constructed, is to be placed in a window, the sash resting on the same, when the screen may be extended so as to suit any width of window; or it may be contracted so as to leave more or less space at the side, if so desired.

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

The combination of the three-sided frame A, sheet-metal boxes B B having longitudinal slots *a a*, the set-screws *b b*, bar C, roller D with square journal *d*, and screen G, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 22d day of May, 1873.

JOHN A. THOMPSON.

Witnesses:

A. N. MARR,

C. L. EVERT.