

PATENTED

JAN 7 1868

J. R. Wharry Ventilator for Windows.

73213

Fig. 1.

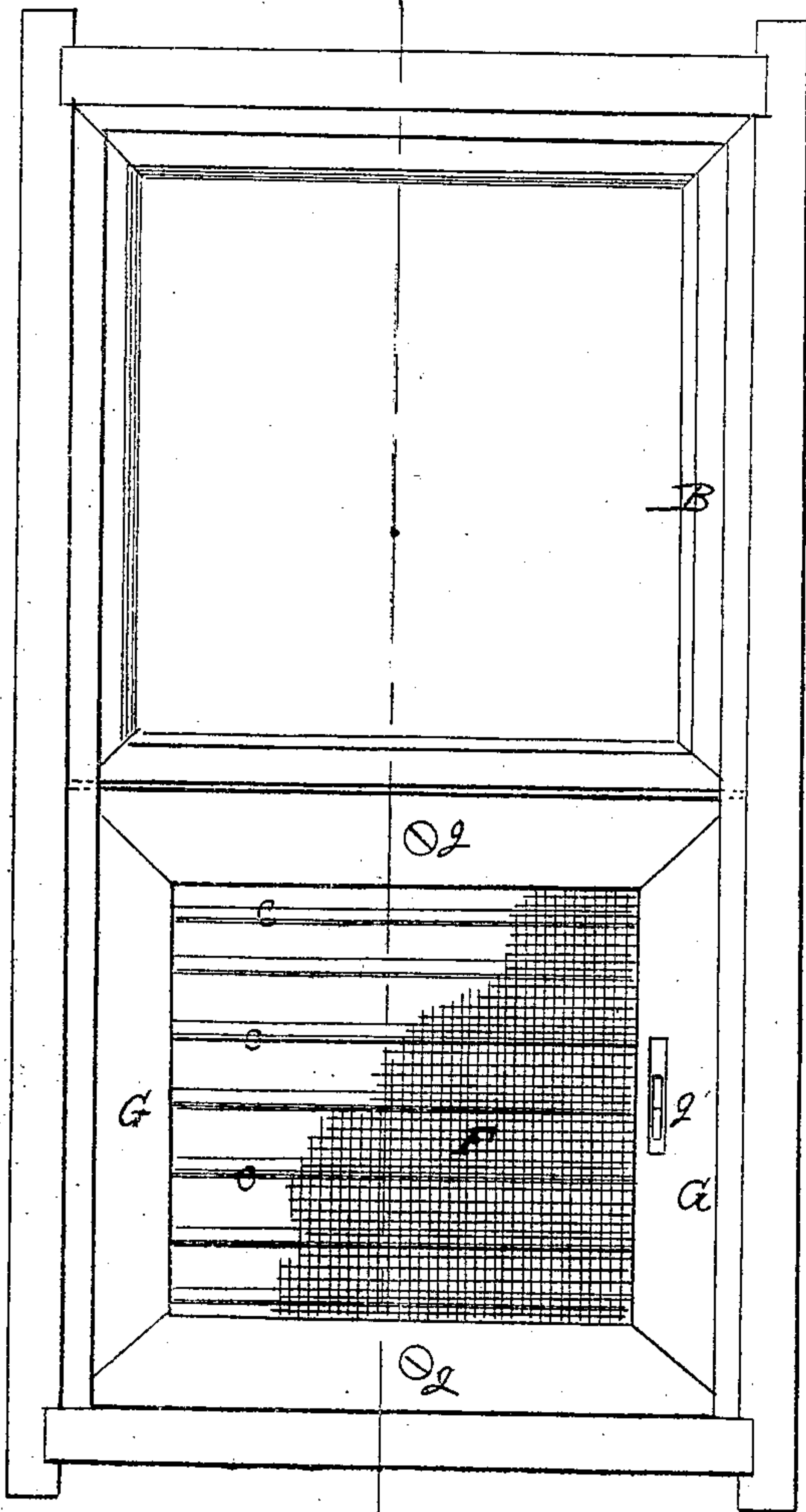
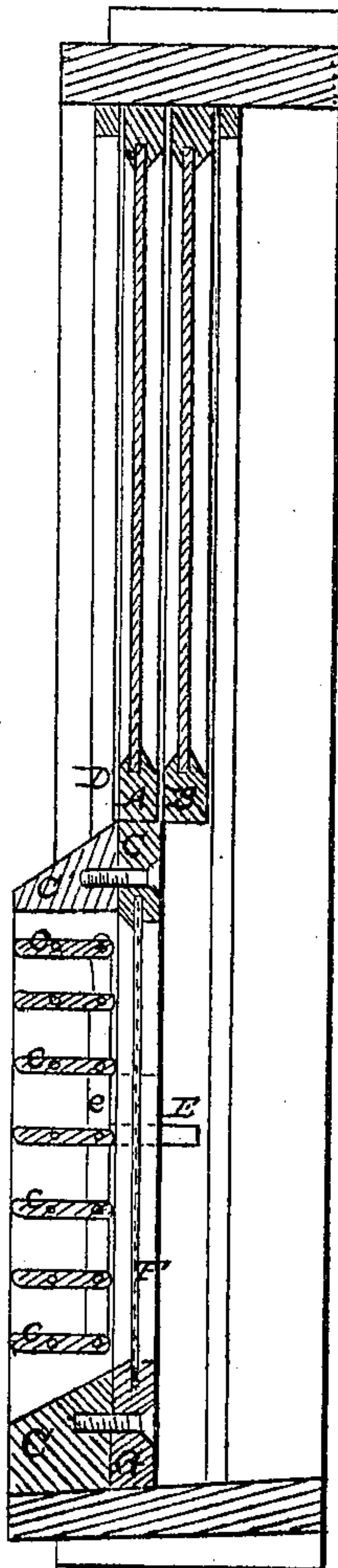


Fig. 2.



Witnesses,

Thos. Inische
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Inventor:

J. R. Wharry
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JOHN R. WHARRY, OF MOUNDSVILLE, WEST VIRGINIA.

Letters Patent No. 73,213, dated January 7, 1868.

IMPROVED VENTILATOR AND WINDOW-SCREEN.

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, JOHN R. WHARRY, of Moundsville, in the county of Marshall, and State of West Virginia, have invented a new and improved Ventilator and Window-Screen; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to an improved ventilator and window-screen, and consists in a frame of wire netting, fitting beneath the outer and upper sash, and of a shutter having movable slats in front thereof, also beneath the said upper sash. In the accompanying drawings—

Figure 1 is a front view of my improved ventilator and window-screen, and

Figure 2 is a vertical section thereof, at line *x x*.

Similar letters of reference indicate corresponding parts.

A is the upper sash, and B the lower, shown open in the drawings. F is a wire or metal netting set in the frame G, beneath the upper or outer sash A, wholly or partially filling up the space between said sash and window-sill, as may be desired. Secured to the outside of said frame G, by the screws *g g*, (which may be placed as shown in the drawings, or in the sides, or in any other convenient place,) is the shutter C C'. The upper part of the frame C' being sloped to shed the rain, and the sides rabbeted to fit the outer bead D, the centre bead may, it will be observed, be dispensed with. *c c c* are slats pivoted in the sides of frame C C', one end thereof being connected by the metal bar *e*, which, when operated by the lever F, opens or closes the slats simultaneously. The lever E works through the slot *g'* in frame G. Another and smaller screen may, if desired, be employed, either by itself, or with the frame G, beneath the inner sash when open, the space between the sides of screen-frame and the sash-frame being filled up by one or more slats. This screen may be secured to the frame by a bolt or other approximate means.

By the use of this screen, mosquitoes, flies, and other insects will be kept out of a room when the window is hoisted, notwithstanding a light may be burning therein. It will also help to keep out burglars or other thieves, and enable the window to be left open when the house is quitted for a time, with the advantage of finding the room sweet and pure on the return of the inhabitants.

As a useful modification of the invention above described, the screen might be inserted in the shutter, and the latter provided with a groove in each side, so as to slide up and down a slat or bead fixed to the sides of the window-frame, and ventilate either from the top or bottom of the window.

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

1. The combination of the wire screen and frame F G, shutters C C', and window-frame, as herein described, for the purpose specified.
2. The shutter C C', metal bar *e*, and lever E, substantially as described, when disposed without the lower part of a window-frame, substantially as above set forth and described.
3. The said shutter C C', in combination with the slot *g'*, in screen-frame G, substantially as above set forth and described.

JOHN R. WHARRY.

Witnesses:

J. B. ALEXANDER,
MORRIS RULONG.