

(No Model.)

M. J. BURKE.
WINDOW VENTILATOR.

No. 496,839.

Patented May 2, 1893.

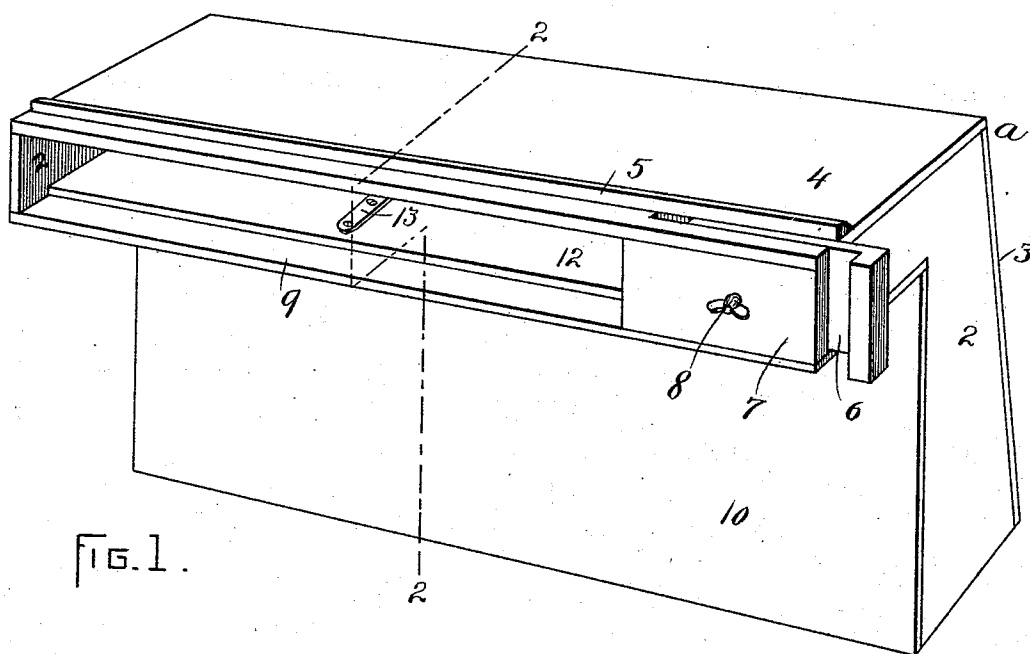


FIG. 1.

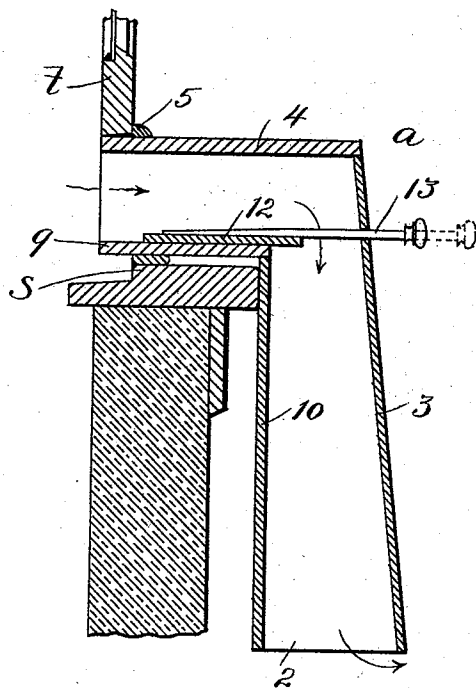


FIG. 2.

WITNESSES:

W. A. Jackson
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INVENTOR

Mary J. Burke
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Atty.

UNITED STATES PATENT OFFICE.

MARY J. BURKE, OF ROWLEY, MASSACHUSETTS.

WINDOW-VENTILATOR.

SPECIFICATION forming part of Letters Patent No. 496,839, dated May 2, 1893.

Application filed January 3, 1893. Serial No. 457,047. (No model.)

To all whom it may concern:

Be it known that I, MARY J. BURKE, of Rowley, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Window-Ventilators, of which the following is a specification.

This invention has for its object to provide a widow ventilator of simple and inexpensive construction, adapted to be placed upon a window-sill under a partially-open sash, and to direct the air flowing in under the sash downwardly into the room.

The invention consists in the improved construction which I will now proceed to describe.

Of the accompanying drawings, forming part of this specification, Figure 1 represents a perspective view, showing my improved window ventilator. Fig. 2 represents a vertical section, showing the ventilator in use.

The same letters and figures of reference indicate the same parts in both the figures.

In the drawings: *a* represents my improved ventilator, which is composed principally of two end pieces 2 2, an outer side piece 3, an outer top piece 4, an inner top piece 9, and an inner side piece 10, the whole forming a casing, which when placed upon a window-sill *b*, under the partly raised sash *d*, will constitute an angular flue adapted to direct the air that passes under the sash downwardly into the room, as indicated by the arrows in Fig. 2. The horizontal part of said flue is extended to bear upon the window-sill *s*, and to extend outwardly from the window-sill under the sash *t*.

To the upper side of the top piece 4 is affixed a cleat or shoulder 5, arranged to bear against the sash *t*, as shown in Fig. 2.

6 represents a sliding extension piece, fitted to move horizontally in a socket or guide 7 formed in the outer end of the horizontal portion of the flue. The object of the extension 6 is to fill the space under the sash, in case the length of the ventilator is not sufficient to fill said space. The extension 6 may be held in place by a set-screw 8 or by any other suitable means.

12 represents a valve or damper adapted to slide on the piece 9, and to close the vertical portion of the flue wholly or partially as may be desired, so that the quantity of air enter-

ing the room may be varied. The valve 12 may be operated by means of a handle 13 passing through a hole in the outer side piece 3.

I claim—

1. The improved window ventilator hereinbefore described, the same comprising in its construction the angular flue or casing having a rectangular horizontal portion formed with a flat lower side to rest on a window-sill and a flat upper side for the window-sash to bear down upon, and a vertical portion extending downwardly from the horizontal portion, the whole being adapted to direct air from the exterior downwardly into the room, as set forth.

2. The improved window ventilator hereinbefore described, the same comprising in its construction the angular flue or casing having a rectangular horizontal portion formed with a flat lower side to rest on a window-sill and a flat upper side for the window-sash to bear down upon, and a vertical portion extending downwardly from the horizontal portion, the whole being adapted to direct air from the exterior downwardly into the room, and an extension fitting in a slide-way in the horizontal portion and arranged to be drawn out from one side thereof, substantially as and for the purpose described.

3. The improved window ventilator hereinbefore described, the same comprising in its construction the angular flue or casing having a rectangular horizontal portion formed with a flat lower side to rest on a window-sill and a flat upper side for the window-sash to bear down upon, and a vertical portion extending downwardly from the horizontal portion, the whole being adapted to direct air from the exterior downwardly into the room, and a slide-valve resting on the flat lower side of the horizontal portion and movable across the vertical portion, substantially as described.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 23d day of December, A. D. 1892.

MARY J. BURKE.

Witnesses:

JOHN C. BURKE,
SOLOMON L. CUMMINGS.