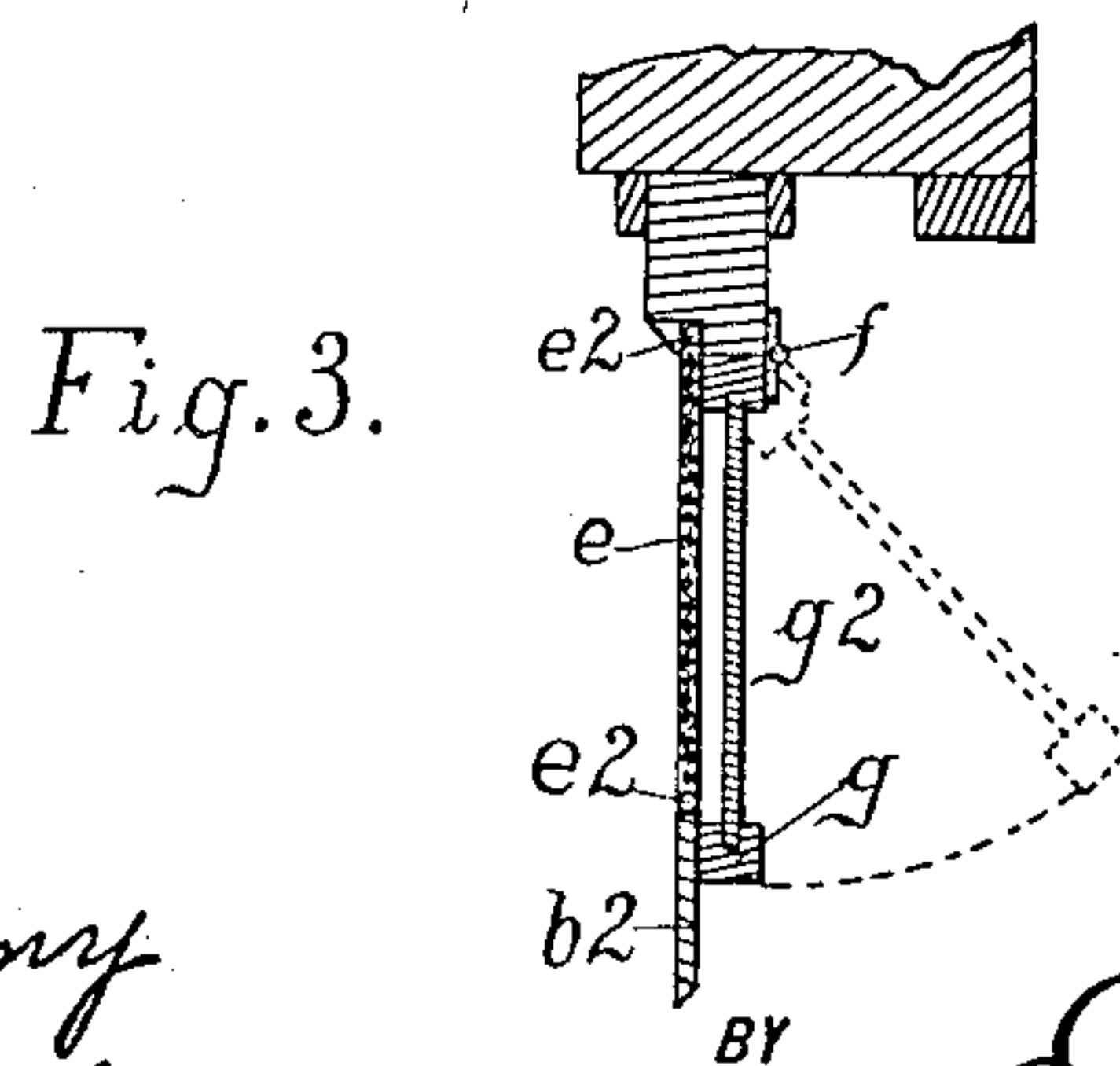
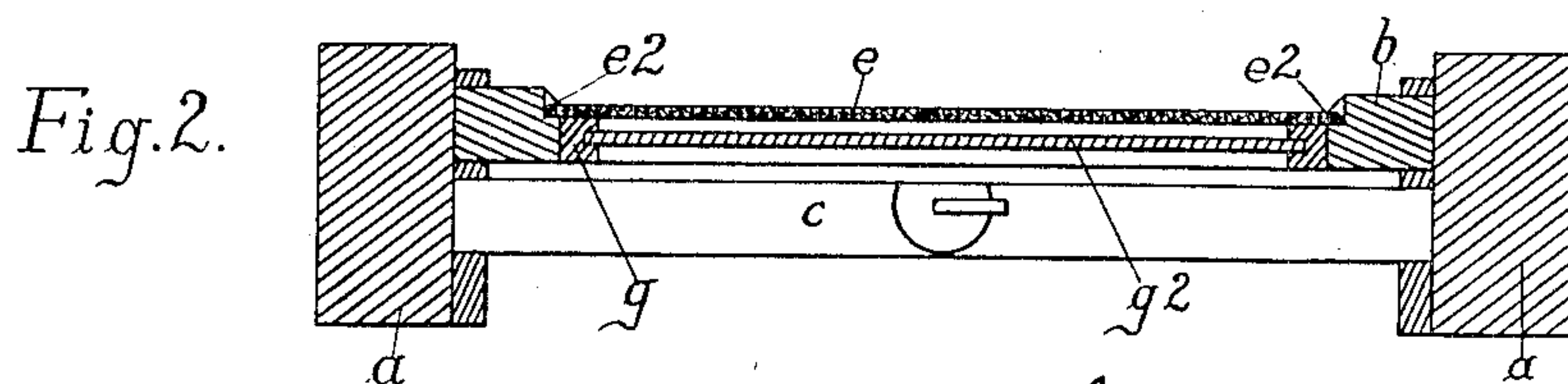
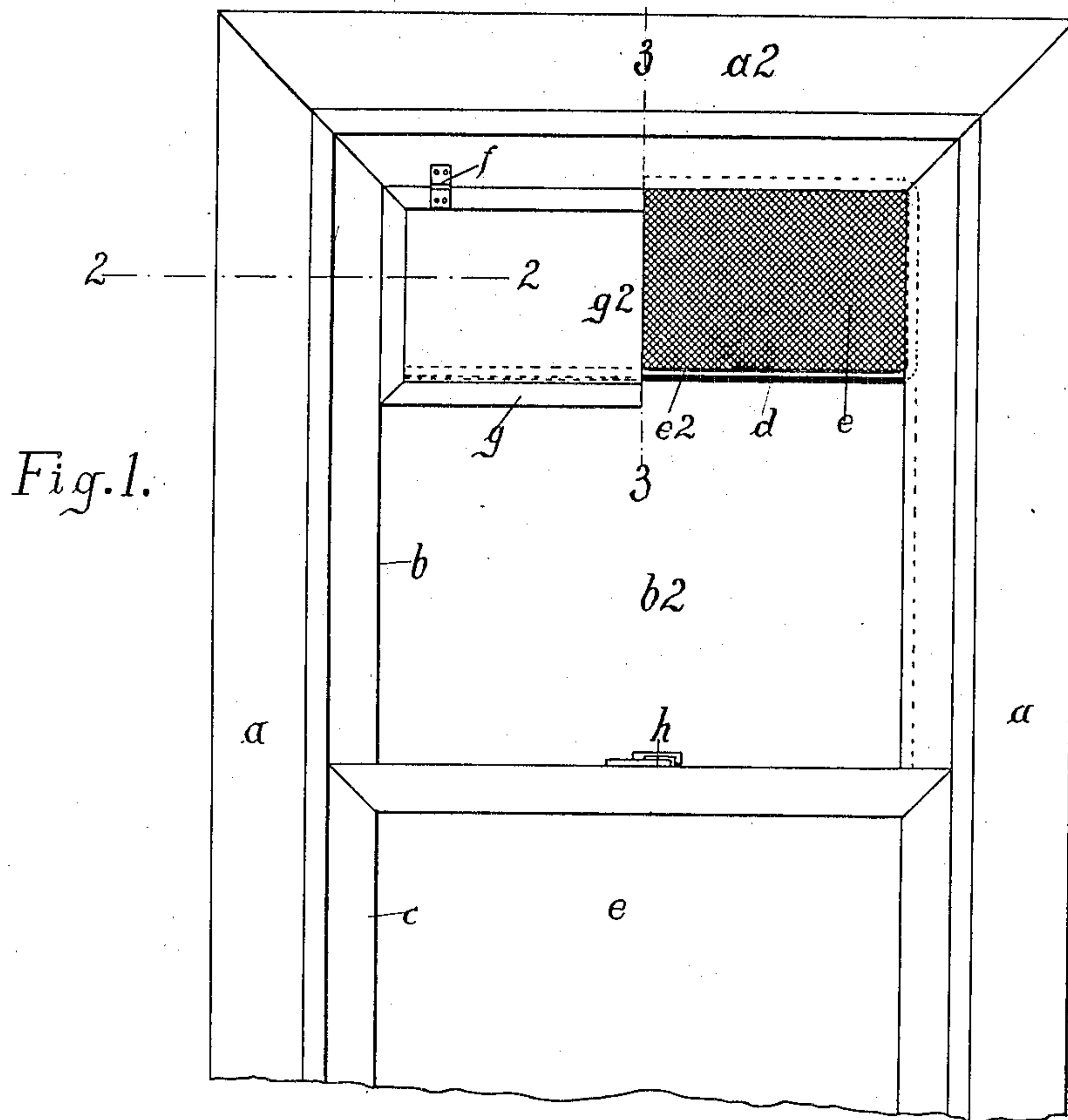


No. 843,139.

PATENTED FEB. 5, 1907.

S. FELDMAN.
VENTILATING WINDOW SASH.
APPLICATION FILED OCT. 31, 1906.



WITNESSES
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UNITED STATES PATENT OFFICE.

SAMUEL FELDMAN, OF BROOKLYN, NEW YORK.

VENTILATING WINDOW-SASH.

No. 843,139.

Specification of Letters Patent.

Patented Feb. 5, 1907.

Application filed October 31, 1906. Serial No. 341,401.

To all whom it may concern:

Be it known that I, SAMUEL FELDMAN, a citizen of the United States, and residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Ventilating Window-Sashes, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to means for ventilating a room or compartment, and the object thereof is to provide an improved window-ventilator for accomplishing this result independent of the window-frame and independent of any construction connected therewith.

The invention consists of a window-sash adapted to be mounted in a window-frame in the usual manner and provided at one end, either the top or the bottom thereof, with a transversely-arranged ventilator-screen, which occupies a space in a plane with a transparent or translucent panel set into the sash and formed by cutting out a part of said panel, said sash being also provided with a hinged supplemental sash having a transparent or translucent panel and adapted to close or cover the ventilator-screen when in one position and to be raised so as to permit air to pass freely through said screen when such condition is desired.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which—

Figure 1 is an inside view of the top of a window-frame and showing the upper and lower sashes mounted therein and showing my improved ventilating device connected with the top portion of the upper sash; Fig. 2, a transverse section on the line 2 2 of Fig. 1; and Fig. 3, a vertical section on the line 3 3 of Fig. 1.

In the drawings forming part of this specification, I have shown an ordinary window-frame comprising vertical side members *a* and a transverse top member *a*², the bottom portion of the side members and bottom transverse member being broken away together with the bottom part of the bottom sash. Placed in the frame are the usual top and bottom sashes *b* and *c*, and said sashes

are provided with the usual transparent or translucent panels *b*² and *c*², preferably composed of glass, and in the practice of my invention, as shown in the drawings, I cut out transversely the top part of the transparent or translucent panel *b*² in the top sash *b* to form a transverse opening *d* in the sash *b*, and within the opening thus formed I set or place a screen *e*. The screen *e* in the form of construction shown comprises a wire frame *e*² and a body portion of wire mesh or other suitable material, and this screen rests directly on the transparent or translucent panel *b*² and is held in the sash *b* in the same manner as said panel or in any preferred way. I also hinge to the top portion of the sash *b*, as shown at *f*, a supplemental sash-frame *g*, in which is placed a transparent or translucent panel *g*², similar to the panel *b*², and this sash in the position shown in Figs. 1 and 2 rests directly on the screen *e*, and the bottom part thereof covers the connection between said screen and the panel *b*², or, when desired, the supplemental sash *g* may be raised to any desired extent and may be held in the raised position by any preferred means, such as an ordinary transom-lifter.

When the supplemental sash *g* is down, as shown in Figs. 1 and 2, the ventilator is entirely closed, and the window-sash is as tight as if no screen was placed therein; but when it is desired to use the ventilator-screen *e* the sash *g* is raised.

The sashes *b* and *c* may be provided with the usual lock *h*, by which they may be locked together in the usual manner, and said sashes may be vertically movable and counterbalanced in the window-frame, or they may be provided with any desired means for holding them in any position of adjustment, and while I have shown my improved ventilator applied only to the top portion of the upper sash it will be apparent that the same may be applied to the top portion of either side or to the bottom portion of either side.

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

1. A window-ventilator, comprising a transverse screen set into the sash in an opening formed by removing a part of the transparent or translucent panel, and a supplemental sash hinged to the window-sash and provided with a transparent or translucent panel and adapted to cover the screen when

in one position and to be swung away from the same so as to permit air to pass there-through.

2. In a window-ventilator, a sash having a
5 transparent or translucent panel the top portion of which is removed to form a transverse opening or space, a ventilator-screen set into said space in the same plane as the transparent or translucent panel, and a supplemental
10 sash hinged to the top portion of the main sash and adapted to cover said screen in one position and to be raised so as to permit air to pass therethrough.

3. In a window-ventilator, a window-
15 frame, a window-sash mounted therein, a ventilator set into the window-sash and occupying a space formed by removing a part of the transparent or translucent panel there-

in, and a supplemental sash hinged to the window-sash and adapted in one position to
20 cover the ventilator and to be raised so as to permit air to pass therethrough.

4. A window-sash provided with a transparent panel which only partially fills the
same, the balance of said panel being filled by
25 a screen, said sash being also provided with a hinged and closed sash member adapted to cover said screen.

In testimony that I claim the foregoing as my invention I have signed my name, in
30 presence of the subscribing witnesses, this 30th day of October, 1906.

SAMUEL FELDMAN.

Witnesses:

C. E. MULREANY,

MAX K. G. GROSSHEIM.