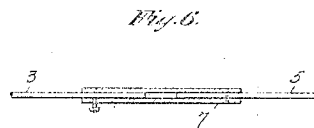
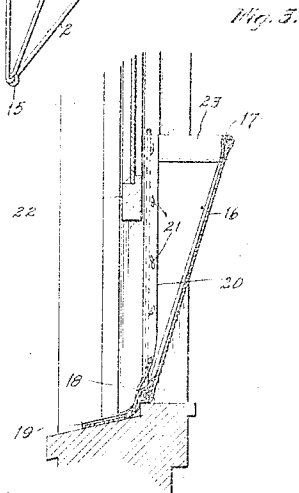
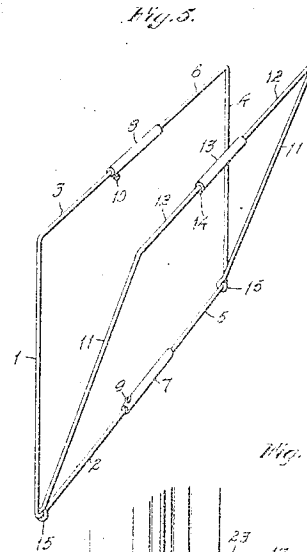
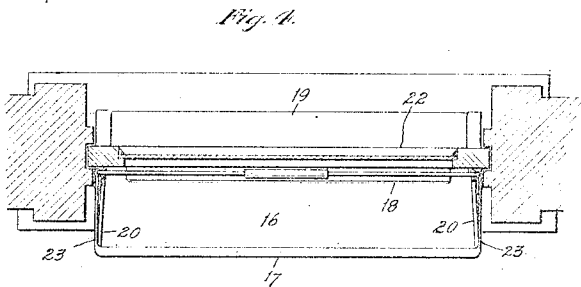
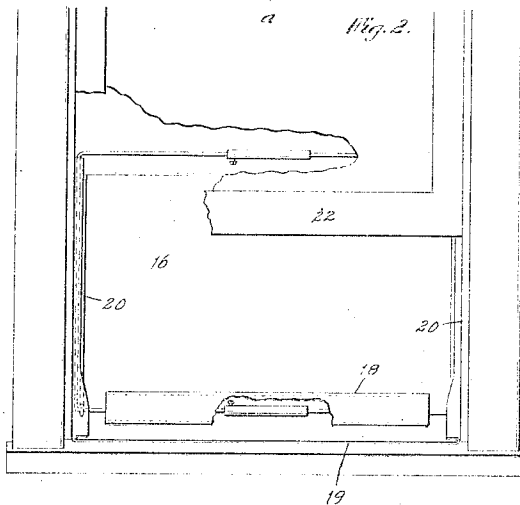
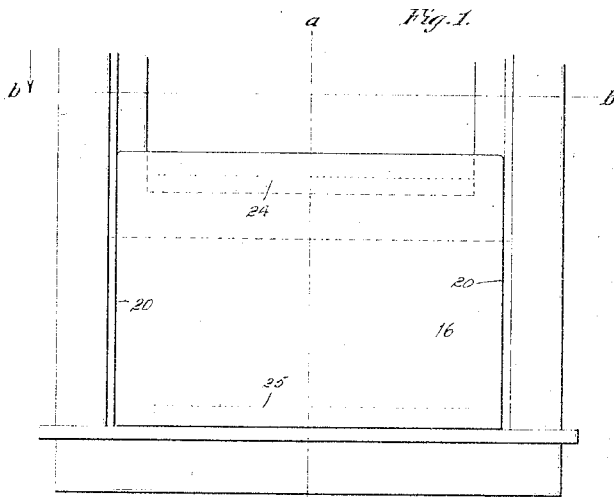


C. S. WINN
WINDOW VENTILATOR.
APPLICATION FILED FEB. 3, 1912.

1,060,727.

Patented May 6, 1913.



Witnesses:

H. L. Dow
E. Behel.

Inventor:

Charles S. Winn
By A. O. Behel
Att'y.

UNITED STATES PATENT OFFICE.

CHARLES S. WINN, OF ROCKFORD, ILLINOIS.

WINDOW-VENTILATOR.

1,060,727.

Specification of Letters Patent.

Patented May 6, 1914.

Application filed February 3, 1912. Serial No. 675,323.

To all whom it may concern:

Be it known that I, CHARLES S. WINN, a citizen of the United States, residing at Rockford, in the county of Winnebago and State of Illinois, have invented certain new and useful Improvements in Window-Ventilators, of which the following is a specification.

The object of this invention is to construct a ventilator which can be readily placed in position, also of a construction to fit window openings of different widths and which will shed the rain.

In the accompanying drawings, Figure 1 is an inner elevation. Fig. 2 is an outer face elevation. Fig. 3 is a section on line *a a* Fig. 1. Fig. 4 is a section on line *b b* Fig. 1. Fig. 5 is a perspective view of frame. Fig. 6 is a section through one of the adjustable connections.

The stationary portion of the frame comprises two like sections, one section comprising an end bar 1, lower side bar 2 and upper side bar 3. The other section comprises the end bar 4, lower side bar 5 and upper side bar 6. To the bars 5 and 6 are secured sleeves 7 and 8 respectively. The ends of the bars 2 and 3 are located in the sleeves 7 and 8 respectively and held in connection therewith by the set-screws 9 and 10 respectively.

The movable section of the frame comprises the two angle bars, each having the two bars 11 and 12. A sleeve 13 has one end connected to one of the bars 12 and the other bar 12 is adjustably connected with the sleeve 13 by the set-screw 14. The other ends of the bars 11 are formed into eyes 15 which are turned in connection with the bars 2 and 5.

By means of the bars 2, 3 and 12 in their connection with the sleeves 7, 8 and 13 respectively, the frame can be adjusted as to length and held by the set-screws.

A canvas covering 16 has a hem 17 which receives the sleeve 13, and the two upper bars 12 of the movable section of the frame. The sleeve 7 and the two lower bars 2 and 5 of the stationary portion of the frame are held in connection with the lower portion of the canvas covering 16 by the canvas strip

18 stitched to the canvas covering 16. The lower end 19 of the canvas covering extends some distance beyond the canvas strip 18 for a purpose to appear hereinafter. The edges 20 of the canvas covering 16 are turned over, the uprights 1 and 4 of the stationary portion of the frame and staple fasteners 21 inserted through the edges and covering 16 hold the covering in connection with the uprights.

The stationary portion of the frame and the movable portion thereof are adjusted in connection with the sleeves 7, 8 and 13 to the width of the window opening when in position, as represented at Fig. 3.

The lower window sash 22 is raised any distance desired up to the top of the stationary portion of the frame.

In adjusting the ventilator to the window opening, the lower bars 2 and 5, and the upper bars 3 and 6 are adjusted a little longer than the width of the opening so that the ventilator will be held in position by the spring force of these bars.

The movable section of the frame will fall away from the stationary portion of the frame a distance allowed by the end sections 23 of the canvas covering as shown at Fig. 3.

In order to gain access to the set-screws 14 and 3, openings 24 and 25 are left in the hem 17 and canvas strip 18 respectively.

The extension 19 of the canvas covering acts as a water shed.

When the ventilator is in position in the window opening the air entering the room will be deflected so that a direct draft will not come in contact with the occupants of the room thereby furnishing fresh air without any ill effects.

I claim as my invention.

In a window ventilator, the combination with a window-engaging frame comprising oppositely disposed substantially U-shaped rod sections arranged end to end, of sleeves adjustably connecting the corresponding ends of the rods, a swinging frame comprising substantially L-shaped rod sections, arranged end to end, a sleeve connecting said ends and forming the sections into an inverted substantially U-shaped member, said

swinging frame sections having terminal eyes
 journaled respectively and directly on the
 lower legs of the window frame sections, and
 a fabric covering extending across the space
 5 within the swinging frame and between the
 ends of the two frames, leaving the space be-
 tween the tops of said frames open.

In testimony whereof I have hereunto set
 my hand in presence of two subscribing wit-
 nesses.

CHARLES S. WINN.

Witnesses:

A. O. BEHEL,

E. D. E. N. BEHEL.