

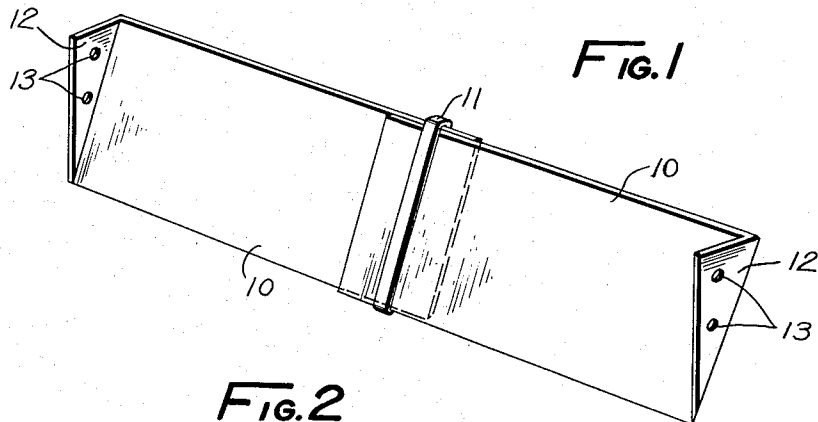
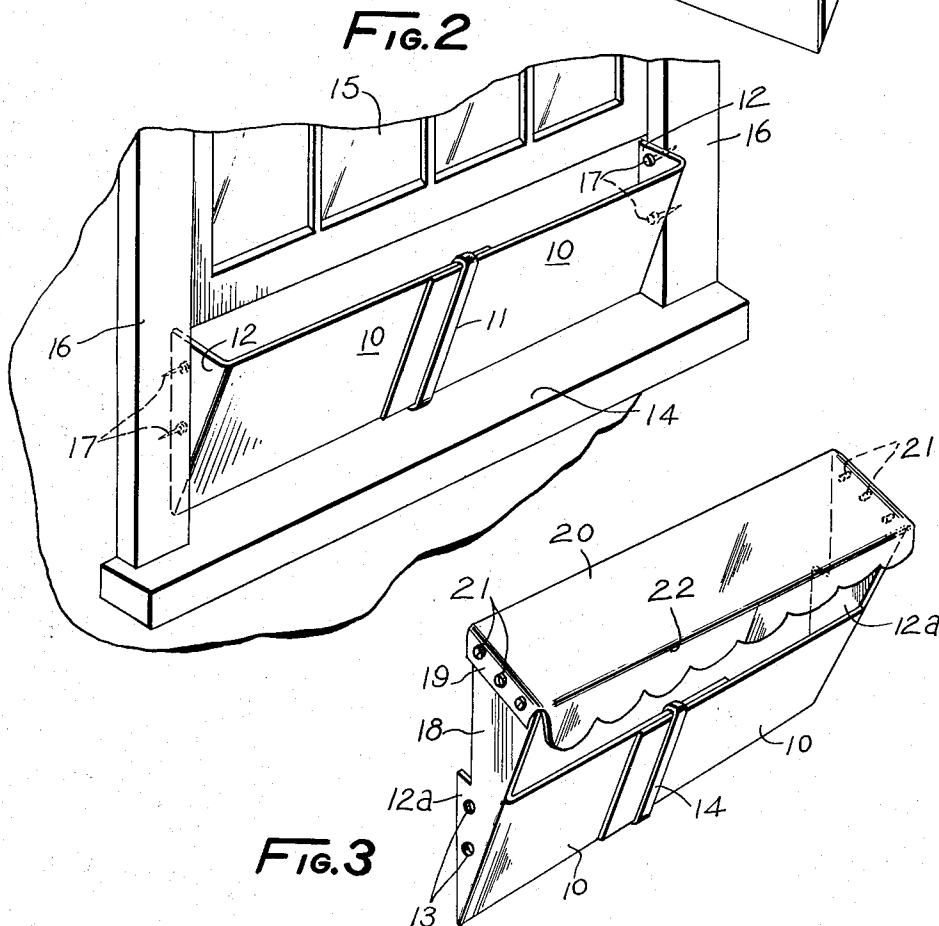
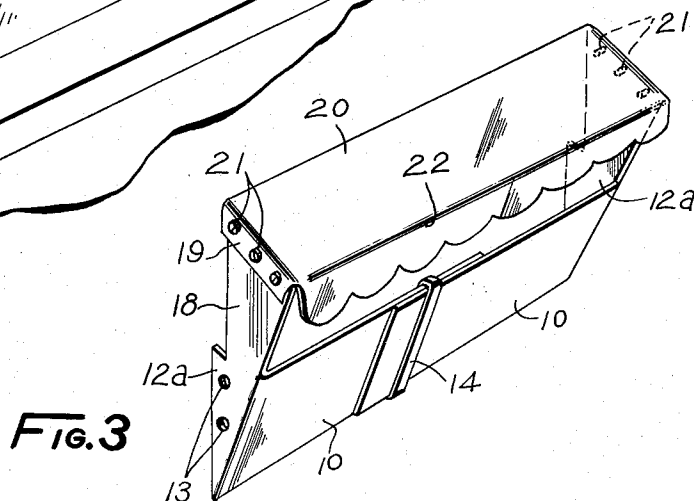
March 21, 1961

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2,975,697

WINDOW DRAFT CONTROLLER

Filed July 16, 1959



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1

2,975,697

WINDOW DRAFT CONTROLLER

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Filed July 16, 1959, Ser. No. 827,469

2 Claims. (Cl. 98—99.5)

This invention relates to window draft controllers.

It is an object of the present invention to provide a window draft controller which will fit nearly every house window regardless of width.

It is another object of the present invention to provide a window draft controller of the above type which may be easily and readily mounted on windows of all sizes and which provides more room for a freer circulation of air.

Other objects of the invention are to provide a window draft controller bearing the above objects in mind which is of simple construction, has a minimum number of parts, is inexpensive to manufacture and efficient in operation.

For other objects and for a better understanding of the invention, reference may be had to the following detailed description taken in connection with the accompanying drawing in which:

Figure 1 is a perspective view of a preferred embodiment of the present invention shown alone;

Fig. 2 is a perspective view showing the invention in operative use; and

Fig. 3 is a perspective view shown alone of a modified form of the present invention.

Referring now more in detail to the drawing, 10 represents, referring especially to Figs. 1 and 2, a pair of elongated rectangular plates slidably connected together at one end in overlapping relationship by means of the endless loop or sleeve 11, substantially as illustrated. By means of this overlapping end construction and sleeve 11, the total width of the plates 10 may be adjusted easily and readily to accommodate windows of varying widths. The other ends of the plates 10 are integrally formed at right angles thereto with the triangular flanges 12 having vertically spaced mounting openings 13 by means of which the plates are mounted on the window sill 14 below the lower window sash 15. This is done by securing the flanges 12 to the window frame 16 at each side by means of the nails, screws or the like 17.

It will be noted that the controller thus provided slopes upwardly and away from the window towards the interior of the room to provide for a freer circulation of air, and that the device is easily and readily adjustable to windows of any width. Larger sizes may, of course, be provided for offices and hospitals.

Referring now particularly to Fig. 3, there is shown a modified form of the present invention wherein the flanges 12a are integrally formed at their upper edges with the trapezoidal shaped, enlarged extensions 18 provided along their upper edge with a plurality of longitudinally spaced, internally threaded openings across which are secured the end flanges 19 integrally formed in a rectangular canopy 20 of cellophane or other transparent plastic by means of the screws 21. The canopy 20 along one

2

longitudinal edge is integrally formed with scalloped flange 22 which hangs downwardly across the open space above the upper longitudinal edges of the plates 10. By means of this construction, rain will be prevented from entering the room substantially, while at the same time permitting the circulation of air. Furthermore, due to the transparent nature of the canopy, the sunshine will be permitted to pass freely inwardly. This construction will also prevent anyone from throwing items into the room through the window opening and would channel or baffle the air.

In other respects the form of the invention shown in Fig. 3 is the same that is shown in Figs. 1 and 2 and like reference numerals identify like parts throughout the several views.

While various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claims.

Having thus set forth and disclosed the nature of my invention, what is claimed is:

1. An adjustable ventilator for attachment to window frames and adjacent the window sills comprising solely a pair of rectangular plate sections arranged with adjacent end portions in side to side overlapping relation, the remote ends of said sections having triangular shaped end brackets integrally formed at right angles therewith and adapted to be secured to the window frames inside the window sash and closely adjacent the window sill, whereby the plate sections may be adjusted for various distances between said window frames, said brackets at the upper ends thereof being integrally formed with substantially trapezoidal enlargements extending upwardly therefrom, a transparent canopy extending across the upper ends of said extensions, means for securing the opposite ends of said canopy to said extensions, and an endless securing means removably mounted on said plate end portions intermediate their overlapping ends, said endless securing means being a rectangular shaped sleeve type loop adapted to secure said rectangular plate sections together in adjusted position, the longitudinal internal length of said loop being substantially equal to the transverse width of said plate sections and the internal width of said loop being substantially equal to the combined thickness of said overlapped plate end portions, each of said triangular shaped brackets having a plurality of holes therein whereby means may be passed through said holes for securing said brackets rigidly to the window frames.

2. A window draft controller according to claim 1, said securing means comprising said extensions on the upper edges thereof having a plurality of longitudinally spaced, internally threaded mounting openings, said transparent canopy at opposite ends being integrally formed with brackets having mounting openings overlying said internally threaded openings, and screw means passing through said aligned openings securing said brackets to said extensions, said canopy along one longitudinal edge being integrally formed with a scalloped flange extending downwardly therefrom.

References Cited in the file of this patent

UNITED STATES PATENTS

1,302,729	Thomas	May 6, 1919
1,309,886	Fuhr	July 15, 1919
1,389,261	Marsh	Aug. 30, 1921
1,882,695	Crouse	Jan. 3, 1933
1,956,249	Paulick	Apr. 24, 1934
2,537,478	Moss	Jan. 9, 1951