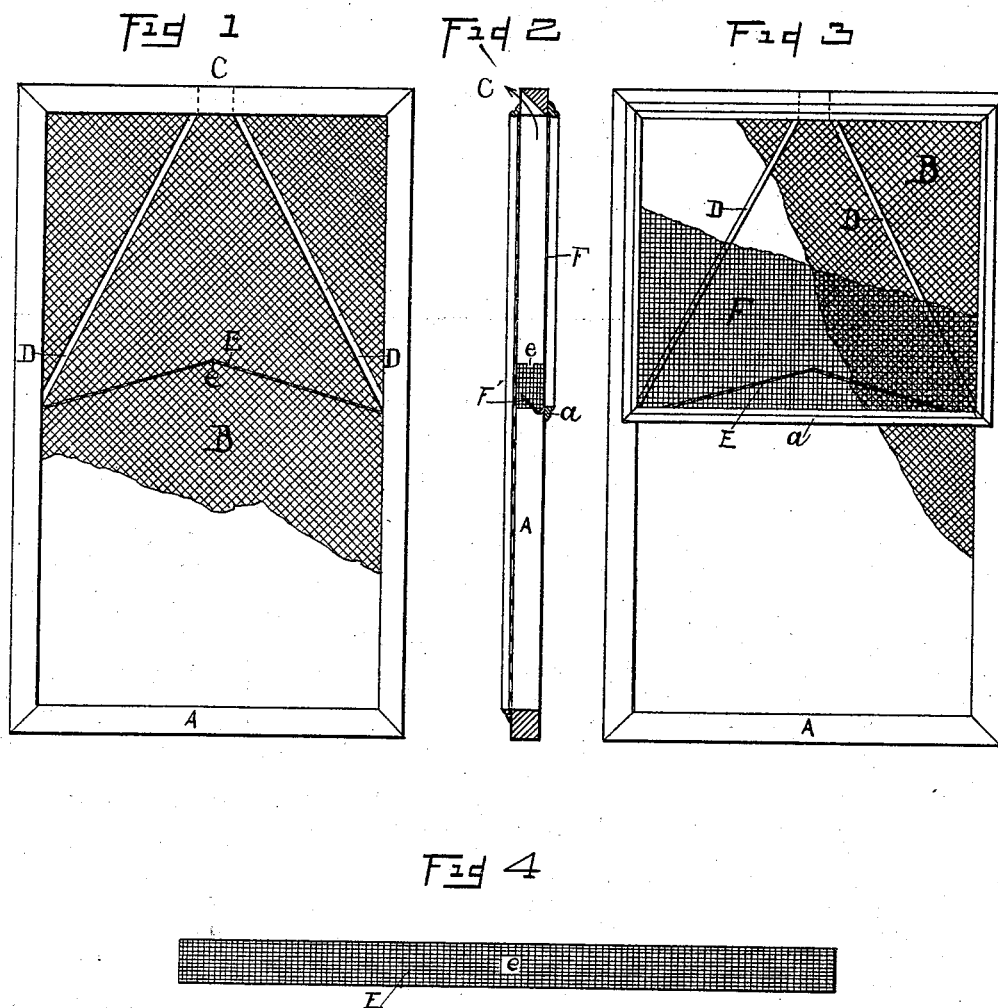


(No Model.)

F. WAGNER.
SCREEN.

No. 492,073.

Patented Feb. 21, 1893.



WITNESSES:

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FREDERICK WAGNER, OF OMAHA, NEBRASKA.

SCREEN.

SPECIFICATION forming part of Letters Patent No. 492,073, dated February 21, 1893.

Application filed May 11, 1892. Serial No. 432,675. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK WAGNER, of Omaha, in the county of Douglas and State of Nebraska, have invented certain useful Improvements in Screens; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention has relation to a new and novel screen, for doors or windows.

The object of my invention is, to provide a screen, that shall permit the flies or other insects escaping from the compartments, but not readily entering the same, and in furtherance of this object, the invention consists in the construction and arrangement of parts, as hereinafter more fully described, and finally pointed out in the claims.

In the accompanying drawings, Figure 1 shows a front view of a screen, illustrating the arrangement of the corral, with the auxiliary screen as removed; Fig. 2 shows a central sectional view of my screen as perfected, Fig. 3 a front view of the screen complete, with parts of the screen removed, and Fig. 4 shows a front view of the trap strip as employed in my device.

A represents a suitable frame to which the screen B is attached in the usual manner. The screen frame is however provided at the upper end, with the escape way C, as shown in Fig. 2, and in dotted lines Fig. 1, and with the guide strips D, D, extending from the opening C, to the sides of the frame, at any suitable point. Connected to the strips D, D, at their lower ends is the trap strip E, which is preferably bent at an angle centrally and extending upward, so as to form, in conjunction with the strips D, D, a corral, having its inlet at the point marked *e*, and its outlet at the upper escape way C, as will be understood by referring to Fig. 2. Extending over the strips D, D, and E, and secured by means of the

molding *a*, is the auxiliary screen F, which is provided at its lower end, with an upwardly extending apron F', as will be noticed in referring to Fig. 2.

The device may be attached to any door or window, and is so secured that the auxiliary screen is upon the inside or within the door or room.

All flies or other insects, that should chance to light upon the lower section of the screen B, would naturally travel upward, where they would easily escape below the apron F', and continuing come upon the trap strip E. Continuing upwardly, the insect would finally find the opening *e* and escape through the same, into the corral, formed by the strips D, D, and E. Within this the flies would be guided upwardly by the strips D, D until they reached the opening C, where they will be permitted to escape.

If desired, the strip E, could be dispensed with, as the apron F' serves as a guard, and so also, could the apron F' be dispensed with, and the strip E be used alone, though I prefer to use the device as shown.

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

In a window or door screen, the combination with a frame A provided with the escape way C, the screen B of two directing strips extending from the escape way C to the side of said frame, the bent trap strip E, extending upward from the sides of the frame and provided with a central opening *e*; and an auxiliary screen F' secured above said strips, said apron extending slightly upwardly and permitting an inlet extending the width of said screen, all substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

FREDERICK WAGNER.

Witnesses:

G. W. SUES,

F. O. HANLON.