

(No Model.)

R. H. HOOPER.
DOOR AND WINDOW SCREEN.

No. 268,101.

Patented Nov. 28, 1882.

Fig. 1.

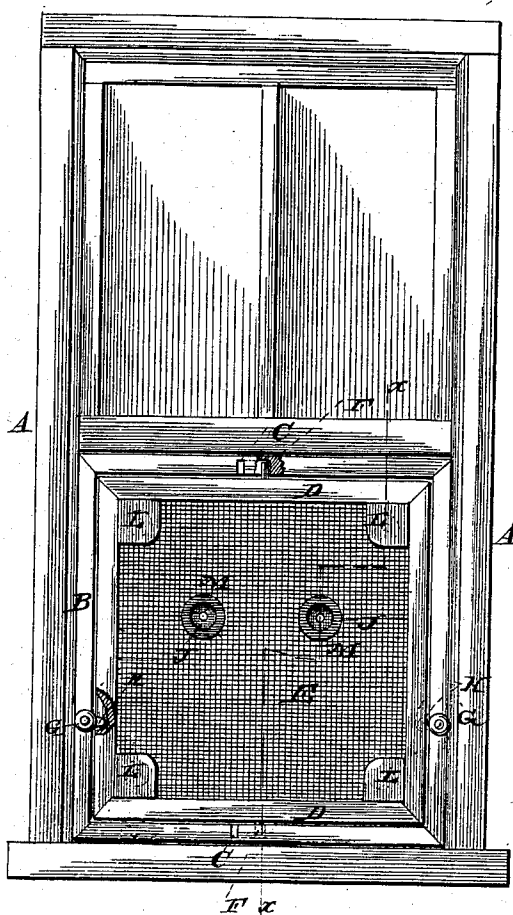


Fig. 2.

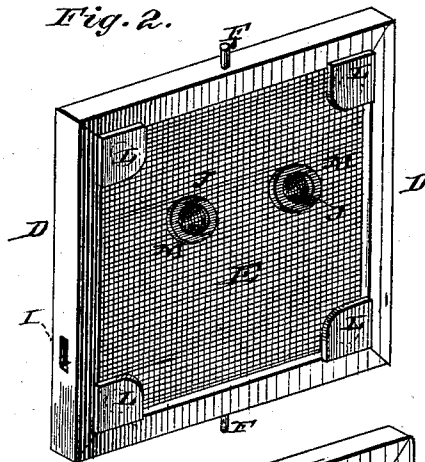


Fig. 3.

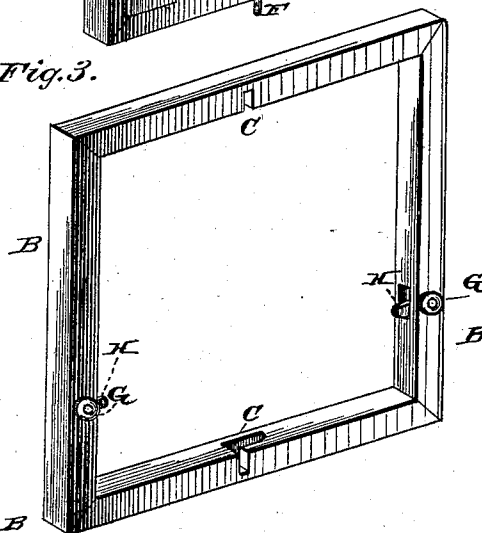
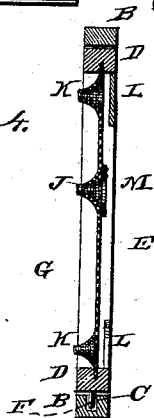


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

RICHARD H. HOOPER, OF LEXINGTON, KENTUCKY.

DOOR OR WINDOW SCREEN.

SPECIFICATION forming part of Letters Patent No. 268,101, dated November 28, 1882.

Application filed May 15, 1882. (No model.)

To all whom it may concern:

Be it known that I, RICHARD H. HOOPER, of Lexington, in the county of Fayette and State of Kentucky, have invented certain new and useful Improvements in Door or Window Screens; and I do hereby declare that the following is a full, clear, and exact description of the invention, which 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 relates to screens for windows, doors, and the like, and has for its object to provide simple and inexpensive means or devices for enticing the flies and the like out through the screen.

To this end it consists in certain improvements in the construction and operation.

In the drawings, Figure 1 is an elevation of a window equipped with my improved screen. Fig. 2 is a perspective view of the latter detached; Fig. 3, a perspective view of the screen-frame detached; Fig. 4, a vertical sectional view on the line *x x*, Fig. 1.

Referring by letter to the drawings, A designates the window-frame, in which is adjusted a permanent screen-frame, B, having right-angular grooves or recesses C C, formed one at the top and one at the bottom, equidistant from each end; or the grooves may be formed in the ends, equidistant from the top and bottom.

D is the inner screen-frame, on which is secured the screen E, of wire or other suitable material. It is provided with projecting pins or gudgeons F F on two of its sides, which have their bearing in the recesses or grooves in the outer frame. By this arrangement, should any flies be on the screen on its inner side, it may be turned over on its bearings to reverse the sides and place the flies outside the window. For ventilation, too, the screen may be readily opened and also easily and quickly adjusted or removed.

The frame B is provided at some convenient point with a pivoted knob, G, having a tongue,

H, adapted to enter suitably-arranged recesses, I, in the edge of the frame D, to prevent the latter from turning and to lock it securely in position.

The screen E is provided with conical or other shaped openings J, having sharpened or pointed ends, which will admit of the exit of the flies, but debar them from entrance. Openings K may also be formed at the corners of the screen and covered by a plate, L, which will darken the appearance of the opening on the outside; but any flies entering under the plate L from the inside will be attracted by the light at the opening and escape through the same. The openings in the screen are surrounded by some dark paper or material to bring the light at the opening into greater prominence and facilitate the exit of the flies, all as shown at M, Fig. 2, of the drawings.

The operation and advantages of my invention will be readily understood. It is simple, durable, inexpensive, and efficient, and of superior convenience and utility.

Under some circumstances it may be desirable to dispense with the outer frame and pivot the inner frame directly in the window-frame.

The construction of screen herein described is presented as a preferable one to be used in connection with my invention, which consists in placing the dark material around the openings, as set forth.

I claim and desire to secure by Letters Patent—

The combination, with the screen provided with suitable exit-openings, of the dark paper or other substance arranged around the same to bring the light at the opening into greater prominence, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

RICHARD HENRY HOOPER.

Witnesses:

J. R. LITTELL,
C. K. ALLEN.