

No. 668,564.

Patented Feb. 19, 1901.

J. M. LINDSLY.

WINDOW OR DOOR SCREEN.

(No Model.)

(Application filed Sept. 11, 1900.)

Fig. 1.

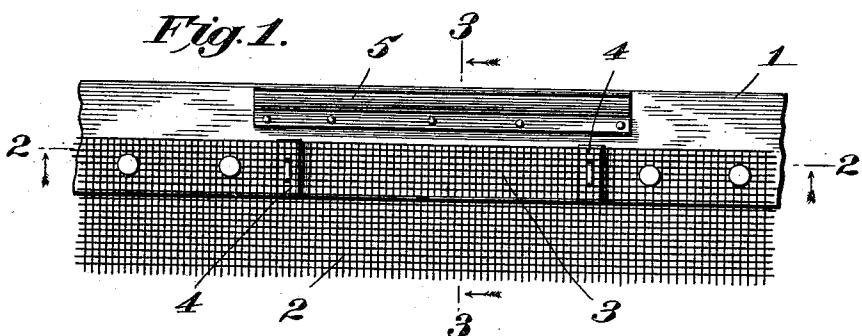


Fig. 2.

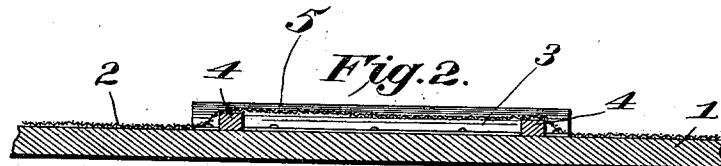
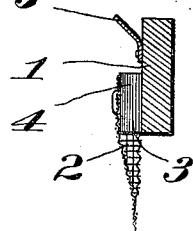


Fig. 3.



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UNITED STATES PATENT OFFICE.

JAMES M. LINDSLY, OF MOUNT AUBURN, ILLINOIS.

WINDOW OR DOOR SCREEN.

SPECIFICATION forming part of Letters Patent No. 668,564, dated February 19, 1901.

Application filed September 11, 1900. Serial No. 29,682. (No model.)

To all whom it may concern:

Be it known that I, JAMES M. LINDSLY, a citizen of the United States, residing at Mount Auburn, in the county of Christian and State 5 of Illinois, have invented certain new and useful Improvements in Window or Door Screens; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in 10 the art to which it appertains to make and use the same.

The invention relates to window or door screens.

The object of the invention is to construct 15 a window or door screen in such a manner as to permit the escape of flies or other insects, and this is accomplished, preferably, by separating the upper edge of the screen from the upper rail of the screen-frame, so as to form 20 an exit, and provide this exit with a reflected light, so as to attract the insects to that point, thereby more quickly ridding the house of them.

With this and other minor objects in view 25 the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be hereinafter more fully described, and particularly pointed out in the appended claim.

30 In the accompanying drawings, Figure 1 is an elevation of a portion of the outer side of the upper rail of a window-screen or screen-door having a fragment of screen fabric attached thereto. Fig. 2 is a longitudinal sectional view through said rail and screen fabric on broken line 2 2, and Fig. 3 is a vertical sectional view through the same parts on broken line 3 3.

Referring now more particularly to the 40 drawings, 1 denotes the outer side of the upper rail of a window-screen or screen-door, and 2 the screen fabric. The screen fabric may be attached to this rail on its outer side in the usual manner, but to form exit-pas-

sages 3 for the escape of the insects within 45 the room. The forming of these passages may be accomplished by the employment of spacing-blocks 4, any desired number of which may be employed. To attract the attention of the flies and direct their movement 50 upward, I provide one or more reflectors 5, secured to the outer side of the rail, to reflect the light downward and into the room. As it is a well-known fact that insects will always travel toward the light, they will naturally be attracted by the light from the reflector and in trying to reach that point on the screen will pass out through the exit-pas- 55 sages.

From the foregoing description, taken in 60 connection with the accompanying drawings, the construction and mode of operation of my improved window or door screen will be readily understood without a more extended explanation of the same. 65

Changes in the form, proportion, and minor details of construction may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages thereof. 70

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

The combination of a screen-frame, a screen having its edge attached thereto, spacing-blocks for separating a portion of the screen from said frame to form an insect-exit passage, and a reflector secured to said frame above said exit-passage in a position to reflect the light through said passage, substantially 80 as set forth. 75

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JAMES M. LINDSLY.

Witnesses:

J. L. FOSTER,
JAMES H. CHICK.