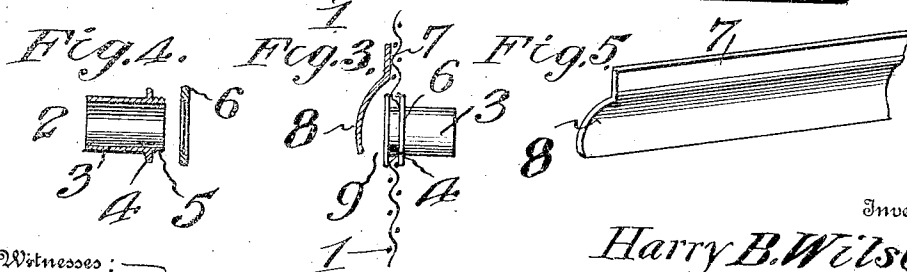
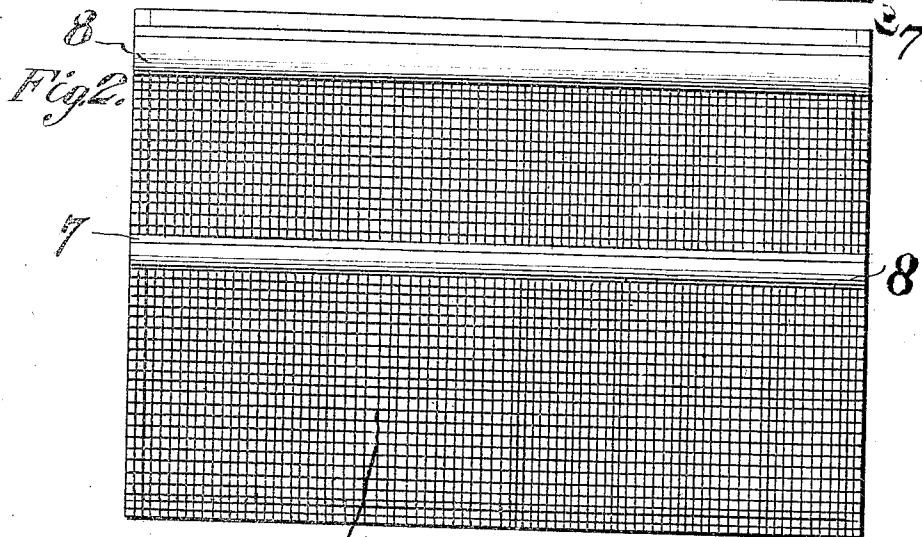
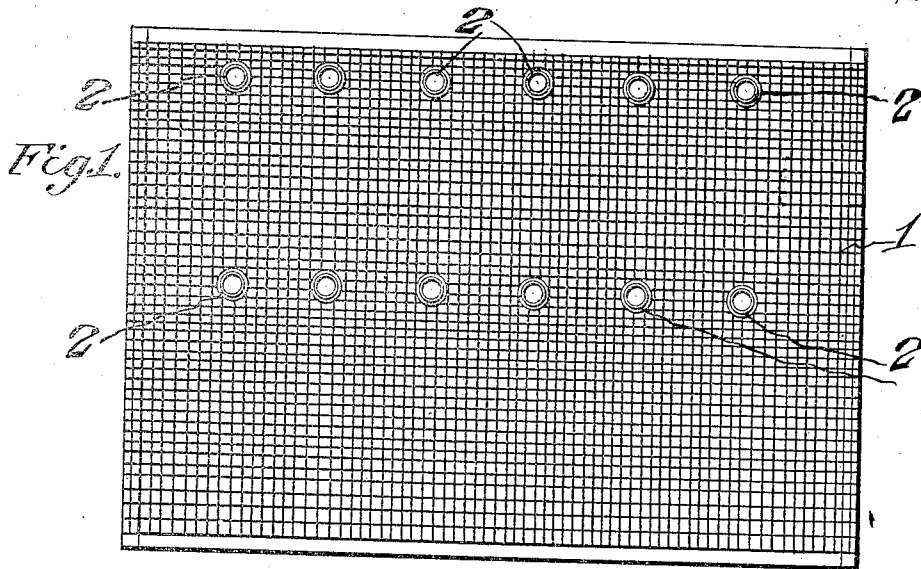


H. B. WILSON.
WINDOW SCREEN.
APPLICATION FILED AUG. 14, 1908.

939,780.

Patented Nov. 9, 1909.



Witnesses: —

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UNITED STATES PATENT OFFICE.

HARRY BEAUMONT WILSON, OF SAN FRANCISCO, CALIFORNIA.

WINDOW-SCREEN.

939,780.

Specification of Letters Patent.

Patented Nov. 9, 1909.

Application filed August 14, 1908. Serial No. 448,591.

To all whom it may concern:

Be it known that I, HARRY BEAUMONT WILSON, a citizen of the United States of America, residing at San Francisco, in the county of San Francisco and State of California, have invented new and useful Improvements in Window-Screens, of which the following is a specification.

This invention relates to window screens, and one of the principal objects of the same is to provide means whereby flies upon the inside of the house may escape through openings made in the screen of sufficient size to permit them to escape.

Another object of the invention is to provide a screen with a row or rows of eyelets covered by a suitable deflector to permit flies to escape from the interior of the room.

The ordinary window screens serve to prevent flies from entering a room, but no provision is made whereby flies in the room can escape through the screen. I have demonstrated by experiment the fact that flies will escape if they have a chance and not reënter.

The objects and advantages referred to may be attained by means of the construction illustrated in the accompanying drawing, in which,—

Figure 1 is a view from the outside of the window screen. Fig. 2 is a similar view looking at the inside of the screen. Fig. 3 is a detail sectional view taken through the deflector strip. Fig. 4 is a sectional view taken through one of the eyelets. Fig. 5 is a detail perspective view of a portion of one of the deflector strips.

Referring to the drawing, the numeral 1 designates an ordinary wire cloth screen, and 2 are the eyelets set into the screen. As shown in Fig. 1, two rows of these eyelets are secured to the screen at different points. The eyelets each consist of the tubular portion 3 provided with a flange 4 and a threaded end 5 at one side of the flange 4. The portion 5 of the eyelet is forced through one of the interstices of the wire cloth by inserting a suitable tool or implement like a lead pencil, and after the threaded portion has been passed through the screen a threaded nut or washer 6 is engaged with the threaded por-

tion 5 of the eyelet to hold the screen material between the flange 4 and the washer 6, as shown more particularly in Fig. 3. It is to be noted that the tubular portion 3 of the eyelet projects outside of the window screen. Secured immediately above each row of eyelets is a thin sheet metal deflector comprising a plane upper portion 7 which is secured by solder or otherwise to the screen and a curved portion 8 which covers the eyelets upon the inside of the screen and permits an opening 9 between the lower edge of the deflector and the screen of sufficient size to admit a fly and to permit him to pass out through the eyelet. The deflector may be conveniently made of wire cloth instead of sheet metal.

From the foregoing it will be obvious that flies in ascending the screen will enter under the deflector at the space 9, and the light coming through the eyelet 3 will attract them and permit them to escape. Flies will not reënter through the eyelet 3, for the reason that the deflector 8 forms a stop and excludes the light.

My invention can be produced at slight cost and will entirely overcome the annoyance of having a few flies in the room which would otherwise be excluded.

I claim:—

The herein described window screen provided with rows of eyelets secured to the screen material, said eyelets each having a flange projecting therefrom at some distance from one end, said end being projected through a hole in the screen material and a washer applied to said end to hold the eyelet in place, and a sheet metal deflector secured to the screen and extending across the same above the rows of eyelets, said deflector having an outwardly curved portion extending over the openings in the eyelets and spaced therefrom for the purpose described.

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

HARRY BEAUMONT WILSON.

Witnesses:

J. GAFFNEY,
V. LEMOGE.