

(No Model.)

H. E. WILLER.

WINDOW SCREEN.

No. 266,246.

Patented Oct. 17, 1882.

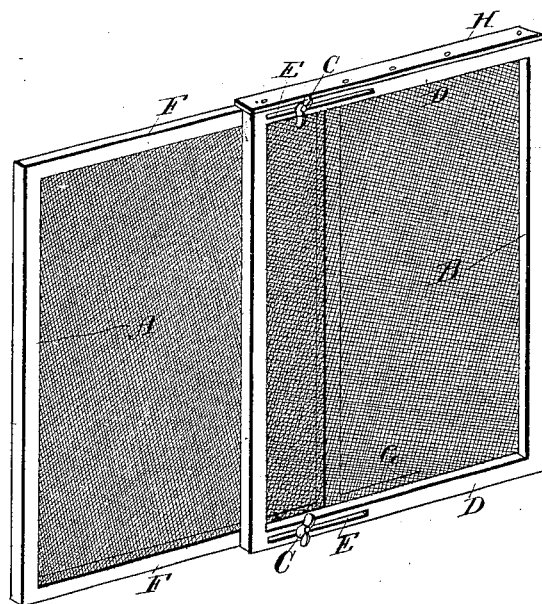


Fig. 1.

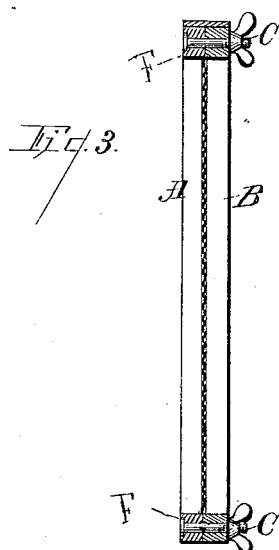


Fig. 3.

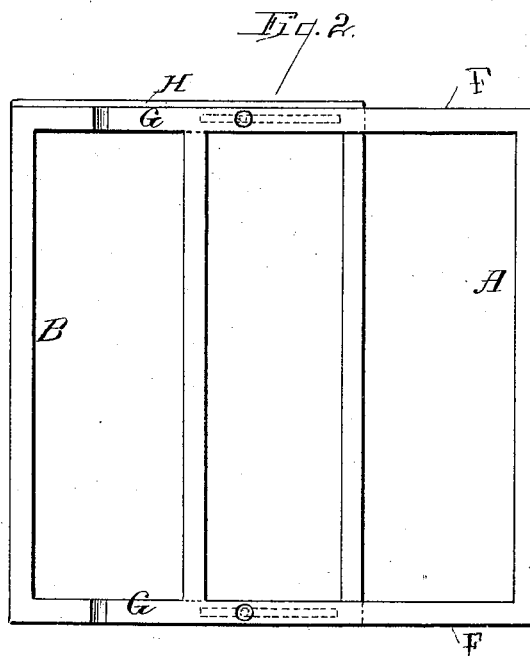


Fig. 2.

Witnesses:

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# UNITED STATES PATENT OFFICE.

HENRY E. WILLER, OF MILWAUKEE, WISCONSIN.

## WINDOW-SCREEN.

SPECIFICATION forming part of Letters Patent No. 266,246, dated October 17, 1882.

Application filed March 30, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY E. WILLER, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Window-Screens; and I do hereby declare the following to be 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, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in window-screens.

The object of my invention is to provide an adjustable screen which may be extended and contracted to conform to windows of various widths, whereby the necessity of making measurements for the various-sized windows to which said screens are to be attached is obviated.

My invention is further explained by reference to the accompanying drawings, in which Figure 1 is a perspective view, Fig. 2 is a rear view, and Fig. 3 is a vertical section, thereof.

Like parts are represented by the same reference-letters throughout the several views.

My screen is formed in two parts, A and B, which parts are connected together by the hand-screws C C. The upper and lower bars, D D, of screen B are respectively provided with slots E E, for the reception of the front ends of the hand-screws C C, whereby the screen B is adapted to move toward the right and left upon said screws a distance corresponding to the length of said slots. The rear ends of said screws are permanently secured in the respective bars F F in such a manner that they will not turn therein, and the two frames are locked together at any desired point of adjustment by turning down the hand-nuts on said screws. The respective bars F F extend past the central bars of the frame and form strengthening-

bearings G G, which extensions also serve to close the slots E when the screens are separated. The wire-cloth is attached to the rear side of the front screen, B, and to the front side of the rear screen, A, so that when the two frames are secured together the wire-cloth on the respective frames is brought in close contact, whereby flies are excluded and prevented from entering between them.

H is a cleat, which is permanently attached to the top bar of the front frame, B, and extends back so that the rear edge is on a line with the rear surface of the rear frame, A, whereby when said frames are in place in the window said cleat H and the rear surface of bar F are brought against the lower bar of the window, and all communication between the exterior and interior is thereby closed.

The screen may be secured in the window by pressing the respective frames A and B apart from each other firmly against the respective sides of the window and locking them when thus separated by turning down the nuts upon the respective screws, as mentioned.

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

The combination of screen A, adjusting and retaining screws C, rigidly attached thereto, screen B, provided with slots E E, for the reception of the front ends of said screws, bar H, attached to the front screen, B, and adapted to close the space between said screen and the lower rail of the sash, said rear screen A being provided with projections G G, adapted to close said slots E E when said screens are extended, said screws being adapted to retain said screens at the required points of adjustment, substantially as set forth.

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

HENRY E. WILLER.

Witnesses:

JAS. B. ERWIN,  
BENJ. F. WEST.