

(No Model.)

S. MEAD.
WINDOW SCREEN.

No. 254,561.

Patented Mar. 7, 1882.

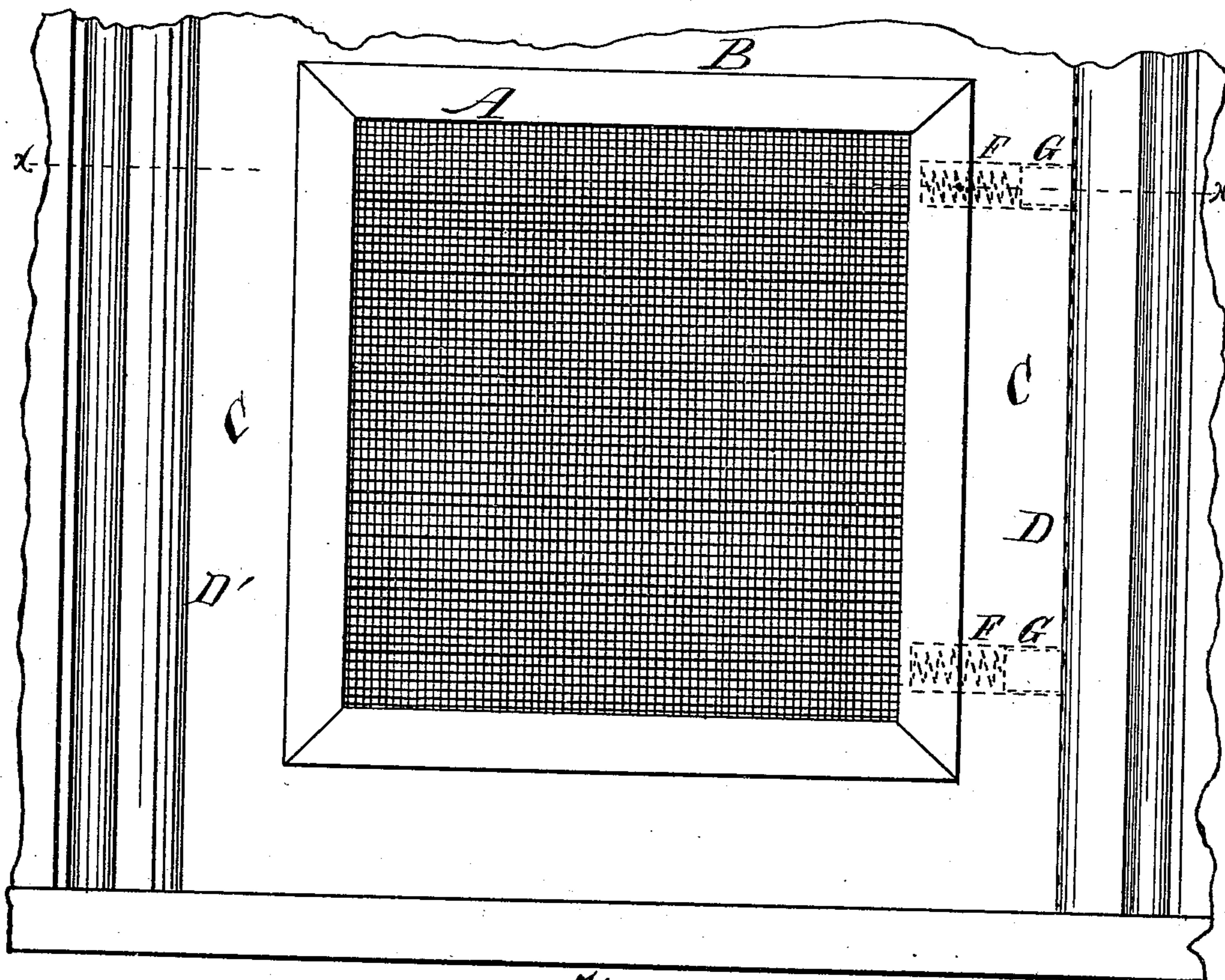


Fig. 1.

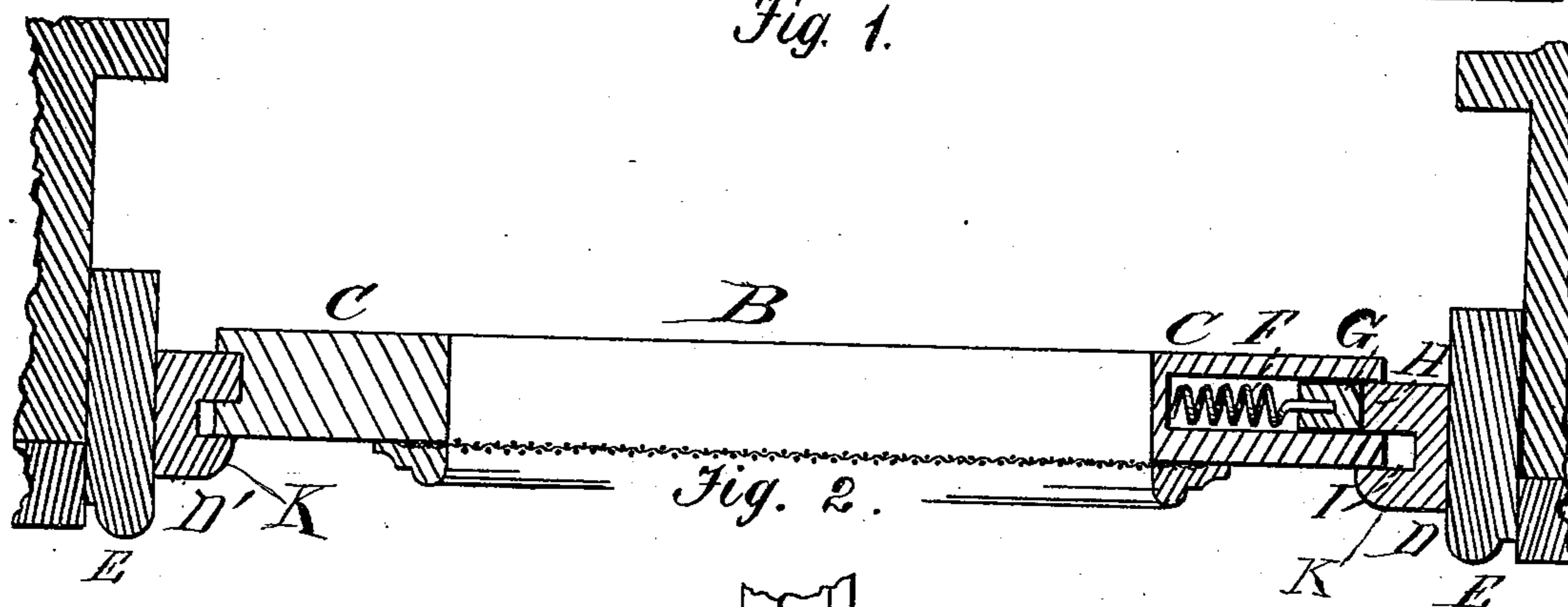


Fig. 2.

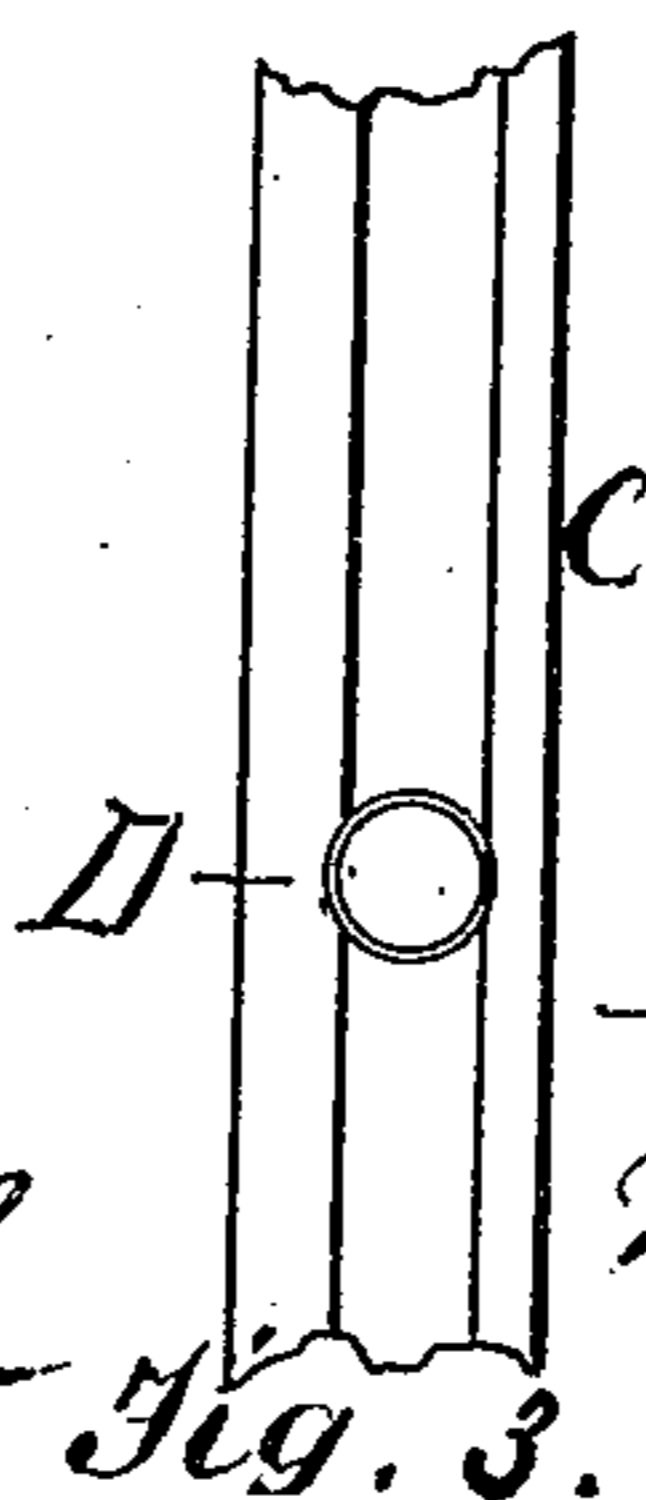


Fig. 3.

Witnesses:

S. P. Steadman
W. Bradford Smith

Inventor:

Silas Mead
By Horace Harris
City

UNITED STATES PATENT OFFICE.

SILAS MEAD, OF NEWARK, NEW JERSEY.

WINDOW-SCREEN.

SPECIFICATION forming part of Letters Patent No. 254,561, dated March 7, 1882.

Application filed April 29, 1881. (No model.)

To all whom it may concern:

Be it known that I, SILAS MEAD, of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Window-Screens, of which the following is a specification.

My invention relates to sliding window-screens that may easily be put in or taken out of a window; and it consists in a grooved frame and springs carrying blocks made to work against grooved detachable strips, said strips having a stop covering the edge of the screen.

Figure 1 is a front elevation. Fig. 2 is a cross-section on a line $x x$, Fig. 1. Fig. 3 is a detailed view.

My screen A is secured in a frame, B, having the side pieces, C, grooved to fit and slide in grooved strips D D', attached to the window frame or stop E. These strips are constructed with the rib H and the front flange-stop, K, made to cover the edge of the screen-frame in its contact with the strip and make a closed joint.

In one side piece is put one or more spiral springs, F, (usually two will be used.) having at the outer end a section, G, of wood or equivalent material, adapted to come in contact with and slide upon the rib H.

When the screen is to be put in position the wood sections are placed against the rib H and the frame is pressed in the direction of this rib, the springs yielding to let the rib enter the groove I in the side of the frame, so that the opposite side may pass into sliding connection with the strip D'. The springs also serve to hold the screen at any point of elevation.

To remove the screen it is only necessary to press it toward the rib H, when it may be readily taken out.

I am aware of the patent of C. A. Werden, No. 157,560, December 8, 1874, and of the patent of E. T. Burrows, No. 210,495, December 8, 1878; but I have not and do not claim the invention of either.

I claim—

The window-screen having in the edges of the frame the grooves and in one of said grooves the contact-sections G, actuated by the spiral springs F, in combination with the detachable strips D D', having the ribs H and flange-stops K, substantially as and for the purpose specified.

SILAS MEAD.

Witnesses:

HORACE HARRIS,
S. R. STEADMAN.