

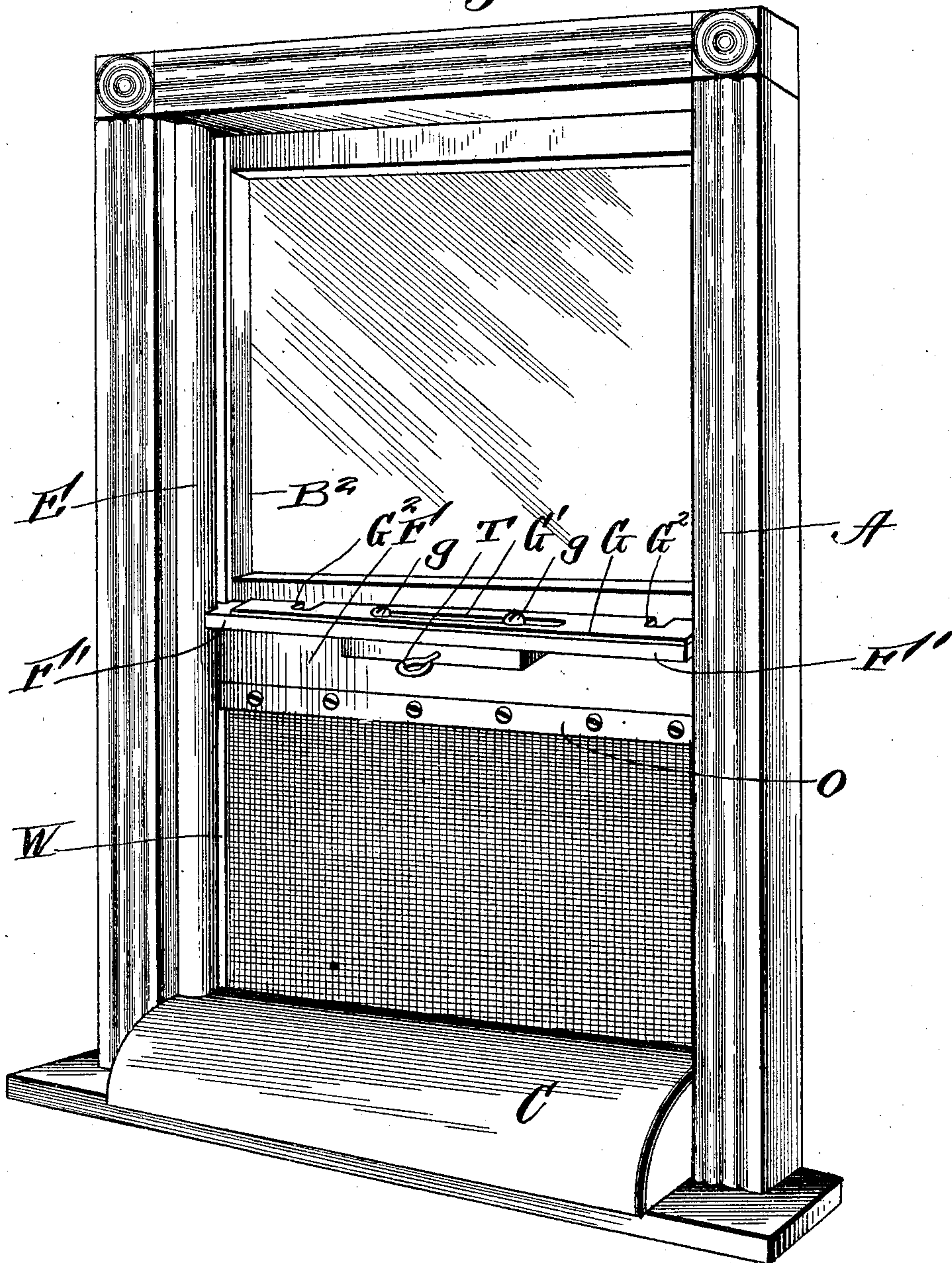
No. 832,490.

PATENTED OCT. 2, 1906.

M. C. LOCKWOOD.
ROLLER SCREEN FOR WINDOWS.
APPLICATION FILED MAY 29, 1906.

2 SHEETS—SHEET 1.

Fig. 1.



Witnesses

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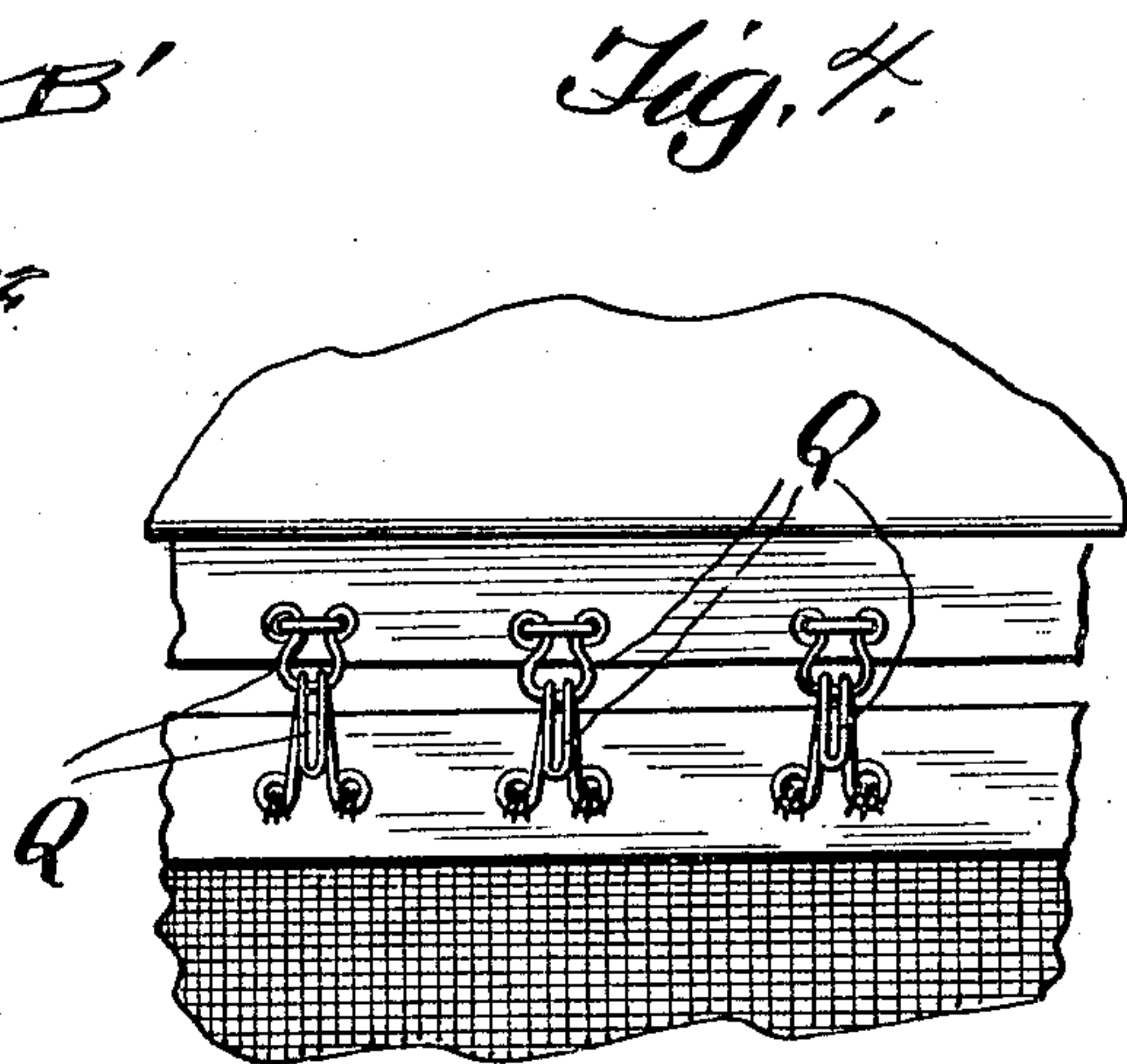
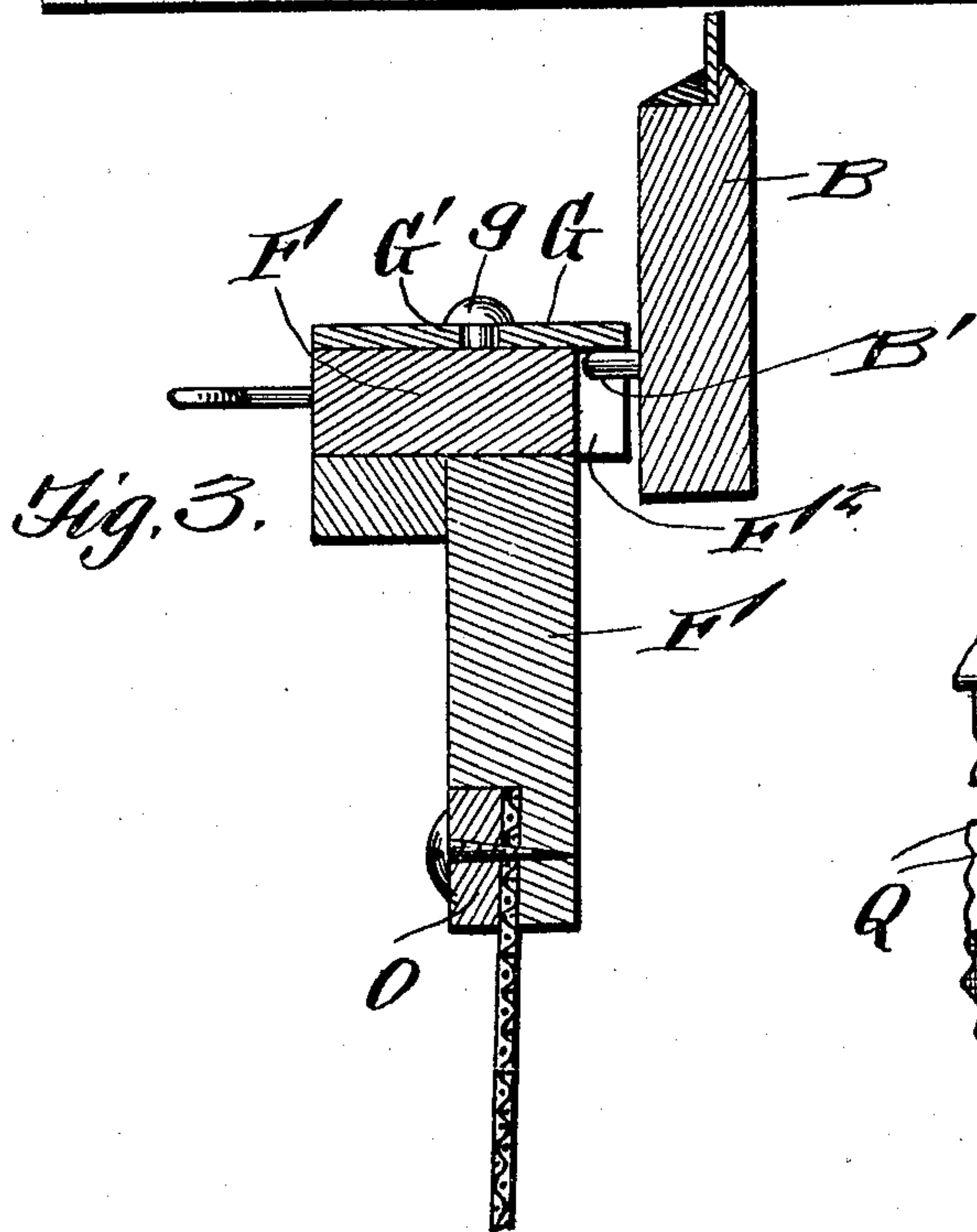
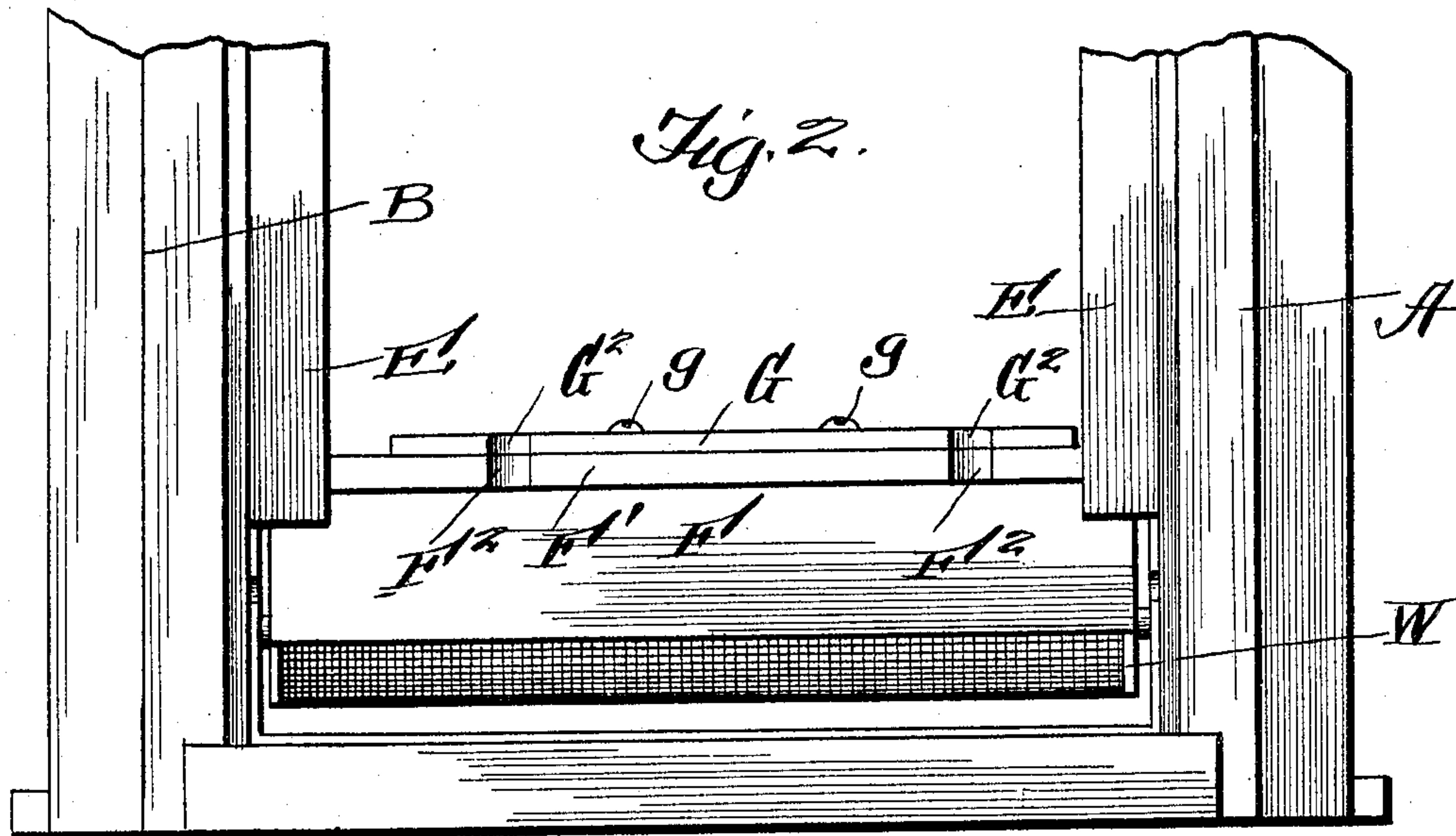
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Witnesses

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UNITED STATES PATENT OFFICE.

MORRIS C. LOCKWOOD, OF VINELAND, NEW JERSEY, ASSIGNOR TO
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ROLLER-SCREEN FOR WINDOWS.

No. 832,490.

Specification of Letters Patent.

Patented Oct. 2, 1906.

Application filed May 29, 1906. Serial No. 319,311.

To all whom it may concern:

Be it known that I, MORRIS C. LOCKWOOD, a citizen of the United States, residing at Vineland, in the county of Cumberland and State of New Jersey, have invented certain new and useful Improvements in Roller-Screens for Windows; 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 the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in roller-screens for windows; and the object of the invention is to produce a simple and efficient device of this nature and so arranged that the screen may be quickly connected to or detached from the sash of a window.

More specifically, the invention comprises a rotary screen having a strip secured to one end thereof, which is adapted to be guided in grooves in the frame of a window and provided with a longitudinally-movable locking member having in one edge notches which are designed to register with notches in a plate fixed to said strip and adapted to allow lugs or projections upon the sash to pass therethrough, the locking member being adapted to move so that said notches will be out of registration after the lugs have passed through the same, thereby affording means whereby the screen may be raised with the window-sash.

The invention comprises various other details of construction and combinations and arrangements of parts, which will be herein-after fully described and then specifically defined in the appended claims.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a window-frame, showing my improved means for holding the screen to the sash. Fig. 2 is a rear elevation of the strip secured to the screen and adapted to be attached to the sash. Fig. 3 is a sectional view showing the manner of attaching the screen to the sliding strip; and Fig. 4 is a detail view showing a modified manner of holding the screen to the plate, which is detachably held to the sash of a window.

Reference now being had to the details of the drawings by letter, A designates the frame of a window, and B a window-sash mounted in suitable guideways in the frame.

C designates a casing in the ends of which is mounted a spring-actuated roller-screen, and C' is a button adapted to hold said casing to the window-frame underneath the grooved guide-strips E.

F designates a strip which is mounted in the grooves of the strips E, in which it has a vertical play, and to said strip is fastened one end of the screen, either by means of the end of the screen being held in a recess in the under edge of said strip or plate F by means of a strip O or detachably held in place by means of hooks and eyes Q, as shown in Fig. 4 of the drawings.

Fixed at right angles to the strip F is a strip F', having contracted ends guided in the grooves of the strip E, and one edge of said strip F' is provided with two notches F² upon its edge adjacent to the face of the sash, and G designates a metallic locking member having a central longitudinal slot G', through which two retaining-screws g pass, allowing said member G to have a longitudinal play. One edge of the member G has notches G², which are adapted to be brought into registration with the notches formed in the edge of the strip F', whereby the lugs B', which project from the face of the sash, may pass freely through said registering notches. A lug or other projection T is mounted upon the strip F', thereby affording means whereby the strip F' may be raised if it is desired to unreel the screen and fasten the same to the top of a window-casing in the event of its not being desired to connect the screen with the sash of the window.

When the sash is at its lowest limit, the lugs upon the face thereof will have passed through the registering notches in the strip F' and the member G, and should it be desired to connect the screen with the sash, whereby the screen may be raised with the window, the operator by moving the member G longitudinally will throw said notches out of registration, thereby covering the notches in the strip F' and affording an abutting means against which the lugs will contact, thereby causing the screen to rise with the sash. When it is desired to release the sash from the screen, said member G may be

moved longitudinally to bring the notches in the latter and said plate into registration, thereby allowing the lugs to pass freely through and become detached from the plate.

5 In order to hold the edges of the screen within the grooves of the strips E, I provide the wires or bars W, the ends of which are held in any suitable manner to the edges of the screen at intervals.

10 What I claim is—

1. A roller-screen for windows comprising, in combination with a window-frame, a sash mounted therein, a screen-box held to the window-frame, a spring-pressed roller-screen
15 therein, a strip mounted in grooves in the frame of the window and to which a screen is attached, a notched plate secured to said strip, lugs projecting from the sash, a longitudinally - movable locking member having
20 notches adapted to be brought into registration with the notches in said plate and through which the lugs upon said sash are adapted to pass, as set forth.

2. A roller-screen for windows, comprising,
25 in combination with a window-frame, a sash mounted therein, a roller-screen and casing therefor, lugs upon the window-sash, a strip secured to the screen and guided in grooves in the window-frame, a plate fixed to said
30 strip and having notches which are adapted

to receive the lugs of the sash, a longitudinally - movable locking member mounted upon said plate and having notches in the edge thereof through which said lugs are adapted to pass, said member adapted to
35 close over the notches of the plate and form means whereby the plate and strip may be raised with the sash, as set forth.

3. A roller-screen for windows comprising, in combination with a window-frame, a sash
40 mounted therein, a roller-screen and casing therefor, lugs upon the window-sash, a strip secured to the screen and guided in grooves in the window-frame, a plate fixed to said
45 strip and having notches which are adapted to receive the lugs of the sash, a locking-bar having a longitudinal slot therein and notches in the edge thereof, lugs projecting from said
50 plate and passing through said member, the notches of the latter and said plate adapted to be brought into registration and through which the lugs of the sash may pass, as set forth.

In testimony whereof I hereunto affix my signature in the presence of two witnesses. 55

MORRIS C. LOCKWOOD.

Witnesses:

A. L. HOUGH,
HARRY MICKLE.