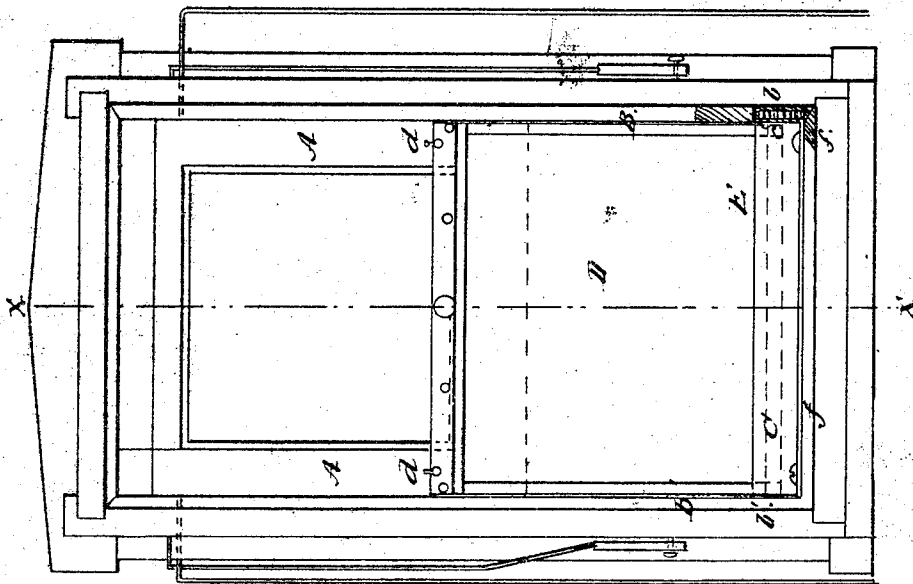
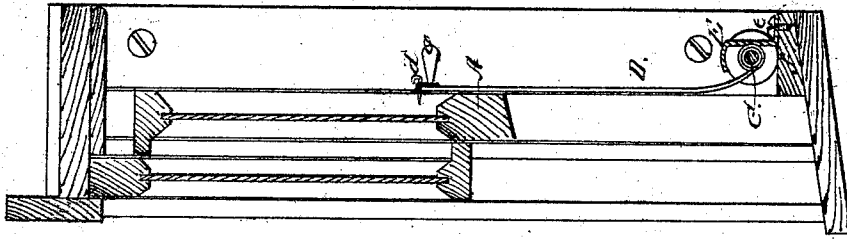


A. W. Griffith.
Window Screen.

Nº 72025

Patented Dec. 10, 1867.



Theo. Encke
Att. Reu. in

Inventor;
A. W. Griffith
Per Mump
Att. nys

United States Patent Office.

AMOS W. GRIFFITH, OF ROXBURY, MASSACHUSETTS.

Letters Patent No. 72,025, dated December 10, 1867.

IMPROVED WINDOW-SCREEN.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, AMOS W. GRIFFITH, of Roxbury, in the county of Norfolk, and State of Massachusetts, have invented a new and useful Improvement in Window-Screens; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming a part of this specification.

This invention relates to an improvement in window-screens, and consists in a screen wound round a spring-roller at foot of a window, and attached to the bottom of the lower sash, so that, on opening the window, the screen opens with it, admitting the air but excluding insects, and on closing the sash the screen winds up itself. The roller on which the screen winds is provided with an apron. In the accompanying drawings—

Figure 1 is a front view of my screen, showing it in operation, partly in section, to show the spring.

Figure 2 is a transverse vertical section at line *x x* of fig. 1.

Similar letters of reference indicate corresponding parts.

A is the lower sash; B B', the side beading, between which, and at the lower end thereof, the screen-spring roller C is journaled at *b b'*, *c* being its spring. The screen D is wound round the spring-roller C, and hooks on at *d d* to the lower part of the sash A, whence it can be removed, at pleasure, by means of the thumb-piece *g*. A box or apron, E, secured by screws *e* to the lower bead, and covering the screen-roller, keeps the screen clean and free from dust when wound upon the roller.

When sash A is opened, the screen is unwound and stretched across the opening, admitting the air and excluding insects, and as the sash is lowered the spring *c* winds up the screen. A screen and spring-roller may be disposed in an analogous manner, to be unwound on the opening of the upper sash or of a door, and to fill the opening to admit air and light and exclude insects and dust.

I claim as new, and desire to secure by Letters Patent—

The roller-cover E, in combination with the removable screen D, spring-roller C, sash A, and window-frame, as herein described for the purpose specified.

The above specification of my invention signed by me, this 16th day of July, 1867.

AMOS W. GRIFFITH.

Witnesses:

MORRILL P. BERRY,

IRENE LINCOLN,