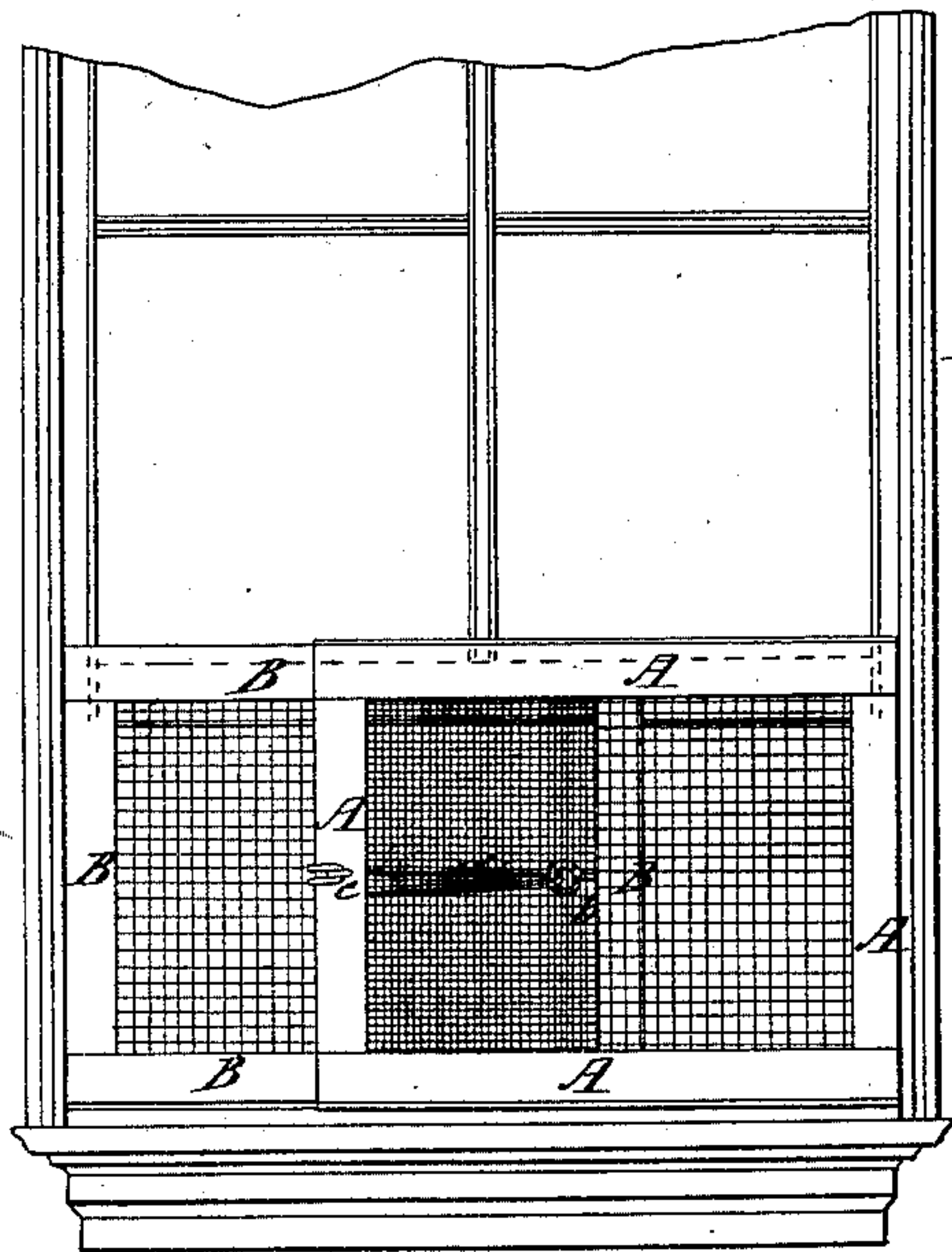


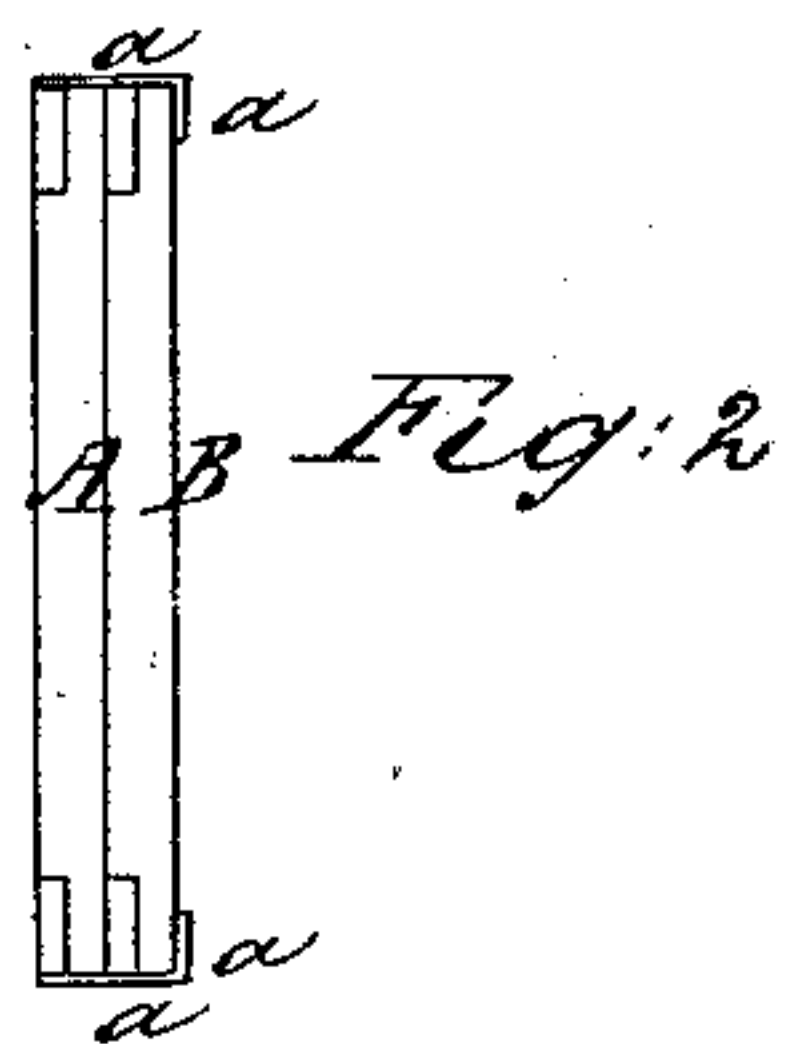
*F. Hatch.*  
*Window Screen.*

*N<sup>o</sup> 82,115.*

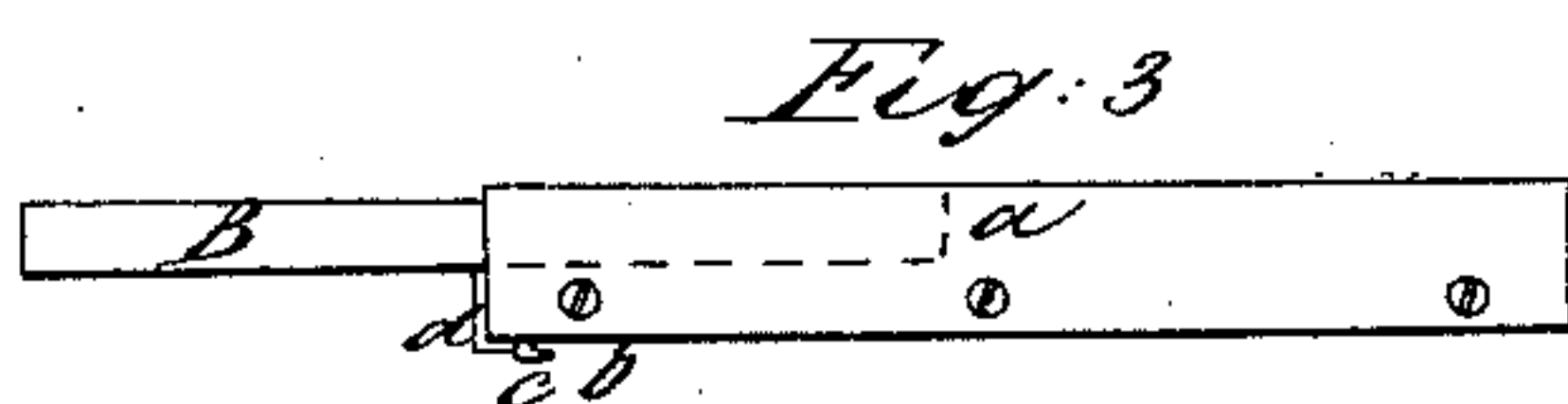
*Patented Sept. 15, 1868.*



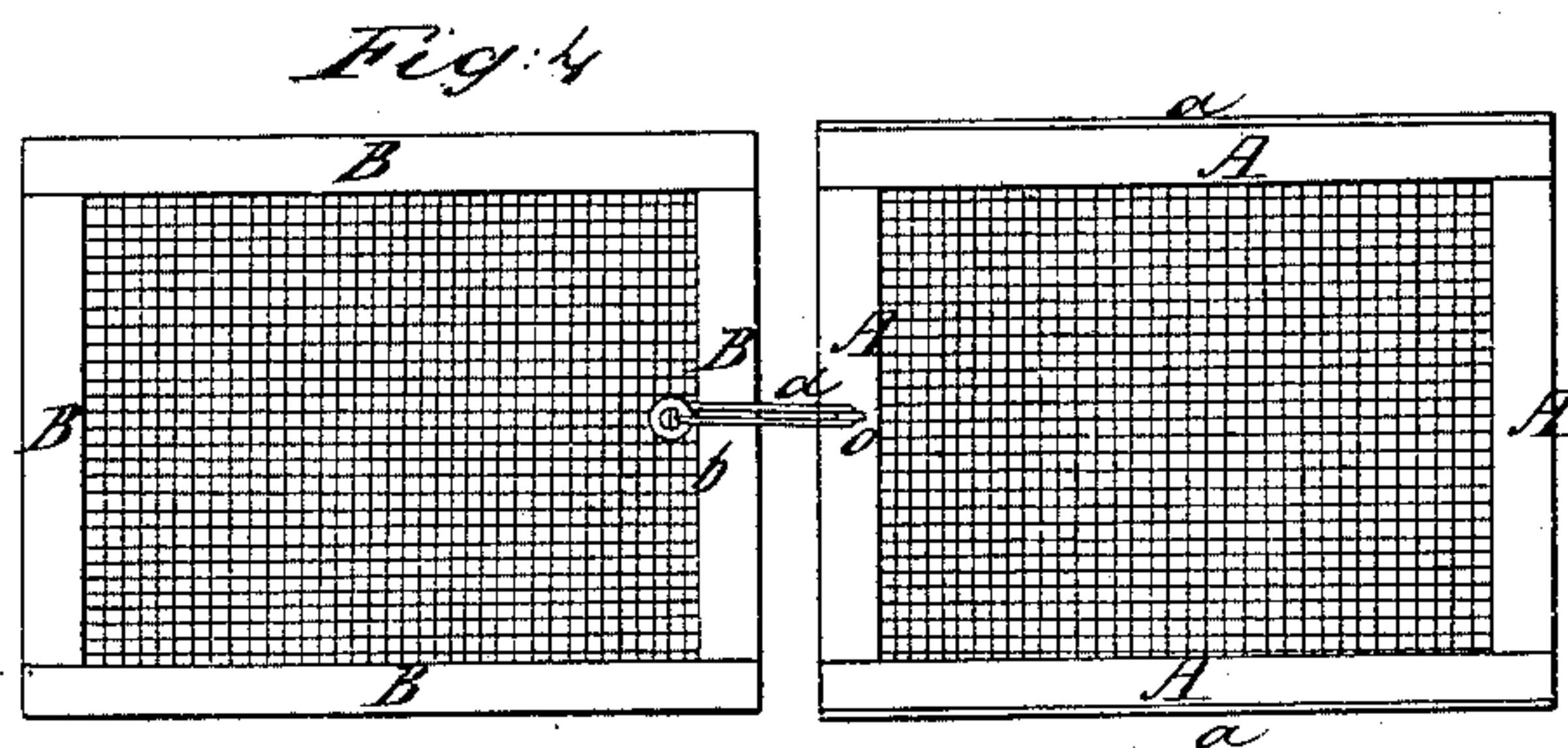
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Fig. 4.*

*Witnesses.*

*W. E. Mairs*  
*L. L. Coburn*

*Inventor*  
*Frank Hatch*

# United States Patent Office.

FRANK HATCH, OF LA CROSSE, WISCONSIN.

*Letters Patent No. 82,115, dated September 15, 1868.*

## 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, FRANK HATCH, of La Crosse, in the county of La Crosse, and State of Wisconsin, have invented a new and useful Improved Adjustable Window-Screen; and I do hereby declare and make known that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and the letters and figures marked thereon, which form part of this specification.

My said invention consists in constructing the frame of a window-screen in two sections or parts, sliding laterally by each other, and connected by a rubber, or other elastic cord or spring, in such a manner that the action of the spring or its equivalent holds the outer edges of the frames firmly in place against the window, thus adapting the screen to windows of different widths, as is hereinafter fully described.

To enable those skilled in the art to understand how to construct and use my invention, I will proceed to describe the same with particularity, making reference in so doing to the aforesaid drawings, in which—

Figure 1 represents a side elevation of my invention, as applied to a window for use.

Figure 2 is an end view of the same,

Figure 3 is a plan or top view thereof, and

Figure 4 is a front elevation of my invention, the sections of the frame being withdrawn from each other, showing the elastic connection whereby they are held in the proper position in the window.

Similar letters of reference in the several figures denote the same parts of my invention.

A B represent two frames of suitable width and length, the width thereof being equal, and the upper and lower edges of one of said frames being provided with a metallic strip, *a*, whose edges are bent down, as clearly seen in fig. 2, in order to form a guide or way in which the other member of the frame may slide laterally, so that when arranged together, as seen in figs. 1, 2, and 3, they may be moved out or drawn in, so as to adapt the screen to windows of different widths, while it will be observed that the metallic strip *a* forms a straight face, with the section B of the frame lying close against the lower member of the window-sash, when the same is raised up to a distance corresponding with the height of the screen, as indicated in fig. 1, and the inner end of the screen-frame B also lies close against the gauze upon the frame A, thus rendering the screen perfectly secure against any insects or other substances which said screens are ordinarily designed to exclude from the house while the sash is open. Instead of the peculiar mode herein shown of forming the ways for the section B to slide in, any other suitable device may be employed which will effect the same purpose.

Upon the inner end of the section B is a ring or hook, *b*, and upon the inner end of the frame A is a hook, *c*, said hook and loop or ring being connected by an elastic ring, strap, band, or spring, indicated by *d*, which, while yielding to permit the screw to be shortened at pleasure, operates to extend the length of the screen, and force the ends thereof against the casing of the windows, thus securing it firmly in place, and it is obvious that this screen can be readily placed at the top of the window when desired to lower the upper sash, and can also be moved up and down to permit the shutters to be opened or closed when desired.

Having described the construction and operation of my invention, I will specify what I claim, and desire to secure by Letters Patent.

I claim the combination of the two sections or frames A B with a spring, *d*, so arranged that the spring will operate to force said sections outward against the window-casing, and retain the screen in any desired position, substantially as and for the purposes specified.

FRANK HATCH.

Witnesses:

W. E. MARRS,

L. L. COBURN.