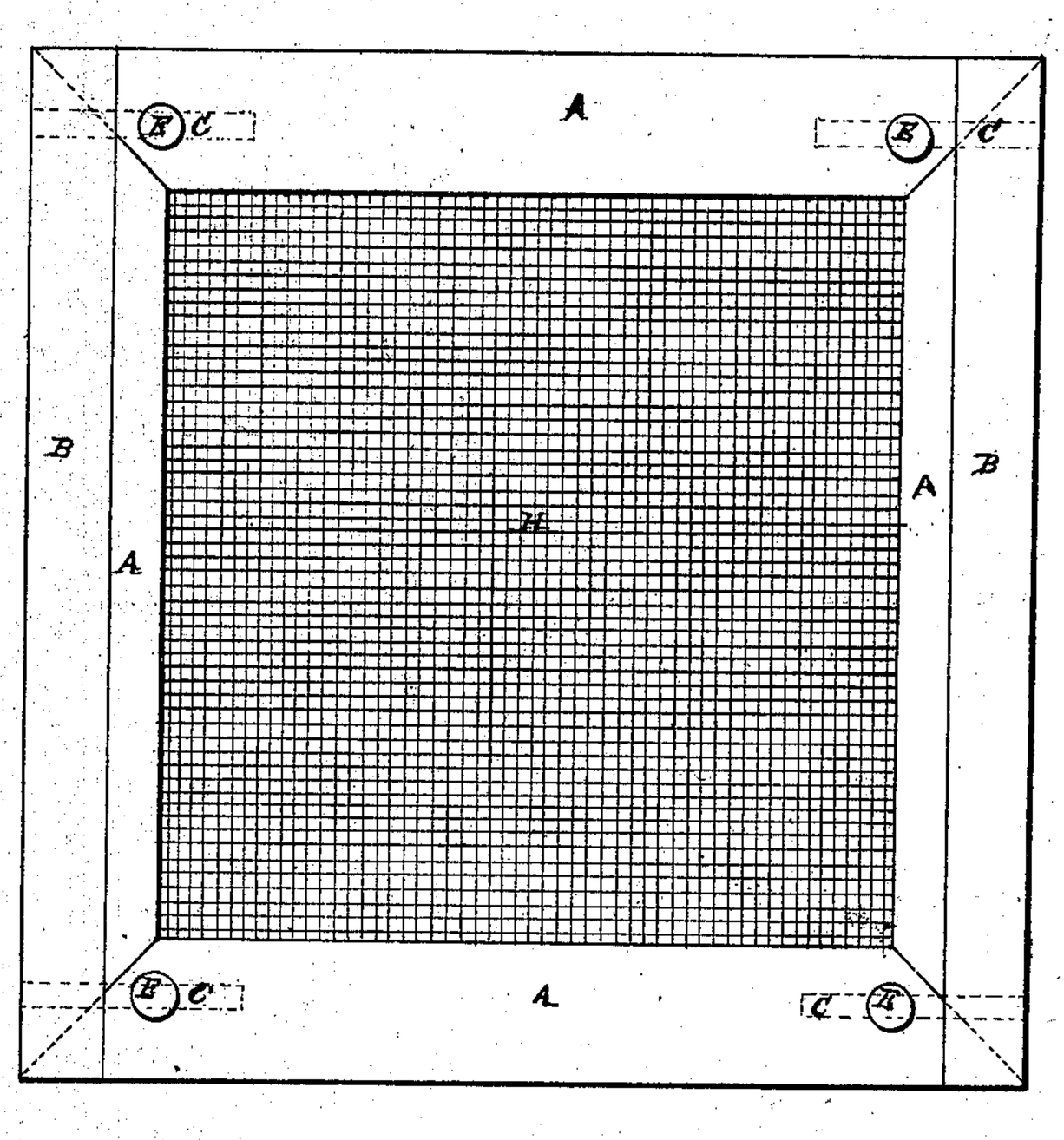
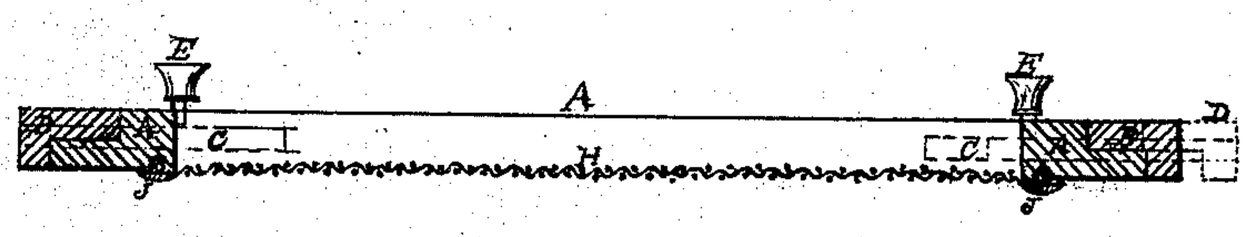
A. C. Brown,

Window Screen.

No. 103010 Patented May 17. 1870.





Witnesses
L. L. Coburn
H. Bruns

Inventor
A. C. Brown

United States Patent Office.

ALBERT C. BROWN, OF CHICAGO, ILLINOIS.

Letters Patent No. 103,010, *dated May* 17, 1870.

IMPROVED WINDOW-SCREEN.

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

I, ALBERT C. BROWN, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Window-Screens, of which the following is a specification.

Object and Nature of the Invention.

The object of my invention is to make a window the width of which can be adjusted to adapt it to windows of different widths, and

The nature of my invention, to accomplish this object, consists in making the side-pieces of the window-screen frame in two parts, those parts being made adjustable relative to each other to adapt the screen to the width of the window, as hereafter more fully described.

Description of the Accompanying Drawing.

Figure 1 is a side elevation of my window-screen.

Figure 2 a sectional view, taken at the line *x x*, in fig. 1.

General Description.

A is the frame, put together at the corners as frames are usually made; and

B are additional side-pieces rabbeted to the frame A, as clearly shown in the drawing.

C are dowel-pins, firmly secured to the pieces B, but passing loosely into holes bored in the frame A.

To widen the screen, the pieces B are drawn out, as shown by dotted lines, D, in fig. 2. They are drawn out more or less to adapt the width of the screen to the window, and they are held at any desired place by the set-screws E, which sit down against the pins C.

The rabbet joint admits of the side pieces B being drawn out, as above described, without opening a space between them and the frame A.

H is the wire, or screen-cloth, ordinarily used for window-screens, and it is firmly fastened to the frame A in any of the well-known ways.

The way I usually fasten it to the frame is by cutting a groove, L, in the frame, lay the wire or screen-cloth, which is sufficiently large for its edges to extend over the groove upon the frame, and then press a strip or molding into the groove wedging the edge of the screen in the groove beneath the strip. To make a finished article, I cover the strip and groove with a bead or molding, J.

I have but one frame and one screen-cloth, and still am able to adjust the width of the screen to adapt it to windows of different widths.

Claims.

1. The adjustable side pieces B, attached to the sides of the window-screen frame A, so that they can be adjusted thereon and adapt the frame to windows of different widths, substantially as and for the purposes shown and described.

2. The combination and arrangement of the frame A, side pieces B, and dowel-pins C, when constructed and arranged substantially as and for the purposes specified and shown.

A. C. BROWN.

Witnesses:

LEWIS L. COBURN,

J. M. MARSHALL.