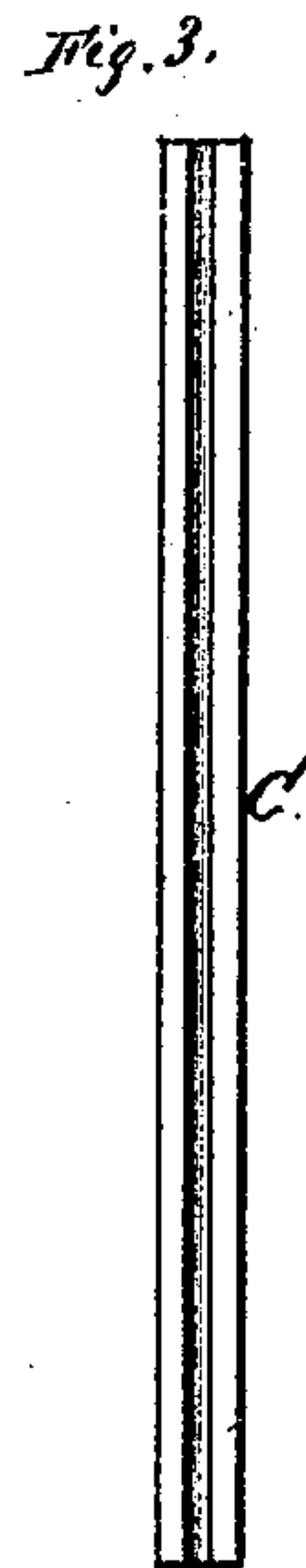
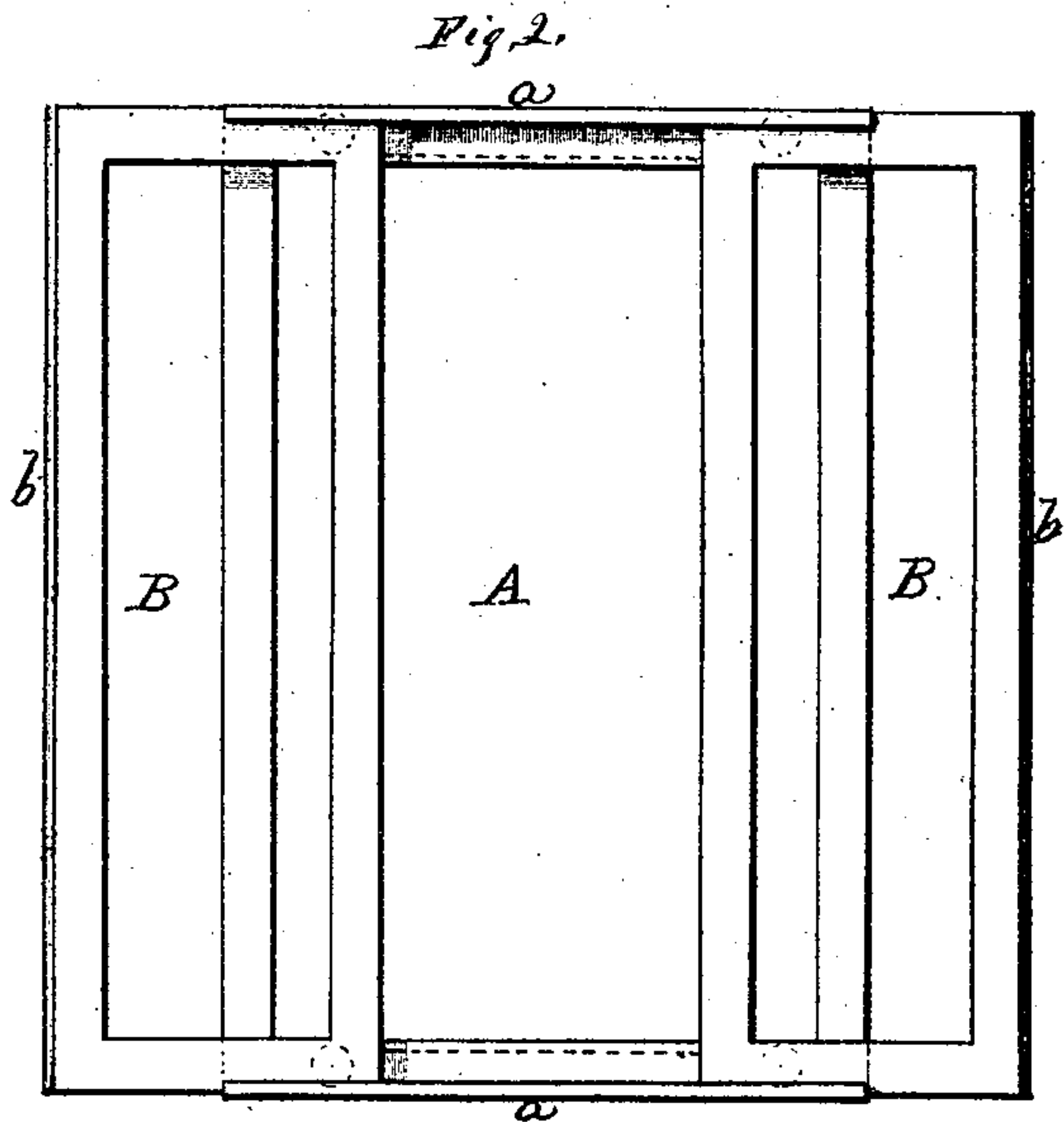
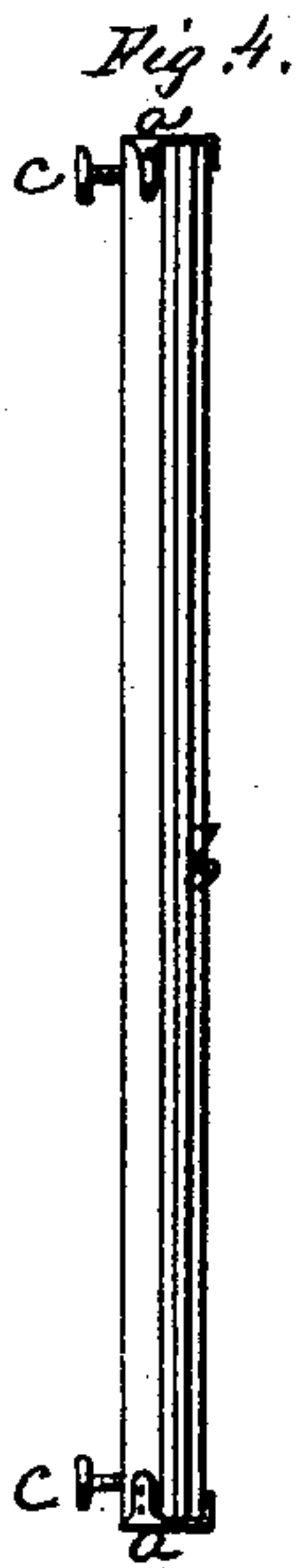
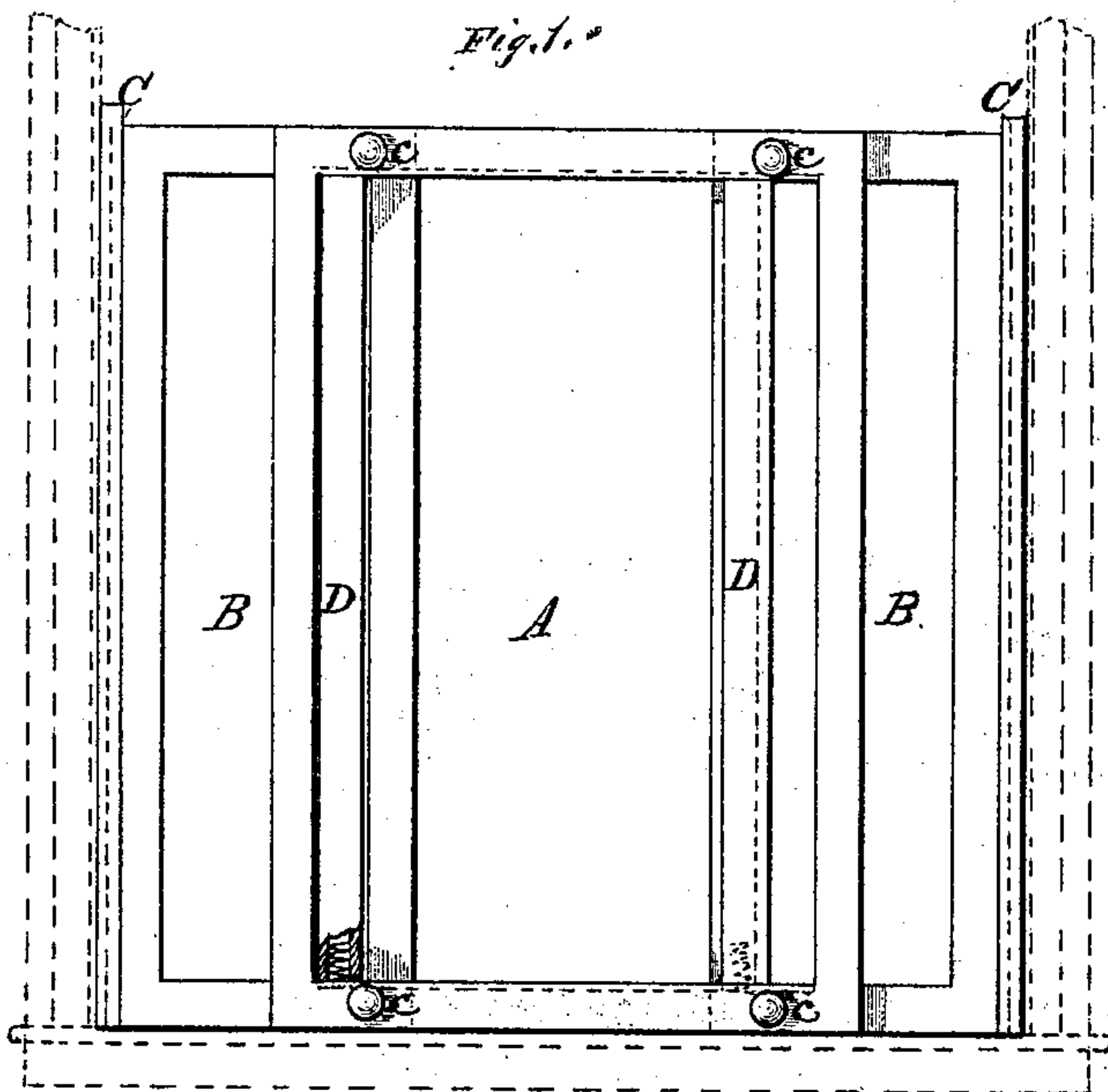


B. J. Williams,
Window Screen.

No. 96,754.

Patented Nov. 9. 1869.



Witnesses:
W. B. Davis
C. H. Myers

Inventor:
Benjamin J. Williams
per his attorney
C. B. Fowler.

United States Patent Office.

BENJAMIN J. WILLIAMS, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 96,754, dated November 9, 1869.

IMPROVED ADJUSTABLE 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, BENJAMIN J. WILLIAMS, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and improved Adjustable Window-Screen; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is an inside view of screen, when adjusted and fastened to window.

Figure 2 is an outside view of screen.

Figure 3 is a view, in detail, of grooved strip.

Figure 4 is an edge view of screen.

Like letters, in the figures of the drawings, indicate like parts.

My invention, A, relates to the class of "adjustable window-screens," for excluding mosquitoes and other insects from houses; and consists of a centre or stationary screen, with supplemental screens, movable in guides, and adjustable from each side thereof, and having the outer side-bars of the frames provided with tongued edges to fit grooved strips, the latter to be screwed on to the beads of the window-jambs, thus enabling the screen to be adjusted and fastened at either top or bottom of window, with greater convenience than can be by pins or otherwise.

I construct and operate my invention as follows:

A is the stationary screen.

B B, supplemental screens, which move in guides *a a*, at top and bottom of stationary screen, and having the outer side-bars of the frames provided with tongued edges, *b b*.

O O are the grooved strips, to be screwed on to the beads of the window-jambs. These strips will extend up to the meeting-rails of the sash, or up to the top

of the window-frame, so that the screen may be secured at either top or bottom of window, as may be desired.

The stationary screen is provided with set-screws, *c c c c*, to fasten the supplemental screens, when adjusted with their tongues, to fit the grooved strips, and has a movable bar, D, with tongued ends, to fit and move in grooves of the top and bottom bars of the frame, for preventing the screen from being pressed in by the wind or otherwise, so as to exclude any possibility of insects from getting in the window at this point, by bringing the movable bars opposite those of the supplemental screens.

As the set-screws *c* and movable bars D are shown and claimed in the patent of D. H. Hurlburt, June 1, 1869, No. 90,845, of course I do not appropriate them as part of my invention, but describe them simply to show their connection with it.

I do not claim, broadly, an "adjustable window-screen," as I am aware of the same being shown in the patents of Abner Magoun, February 20, 1866, No. 52,726, and D. H. Hurlburt, June 1, 1869, No. 90,845; but

What I do claim, and desire to secure by Letters Patent, is—

The stationary screen A, with supplemental screens B B, having the outer side-bars of the frames thereof provided with tongued edges *b*, in combination with grooved strips O, substantially as set forth.

As evidence that I claim the foregoing as my invention, I have hereunto set my hand, in the presence of two witnesses.

BENJN. J. WILLIAMS.

Witnesses:

JAS. J. CROMWELL,
THOMAS D. SNYDER.