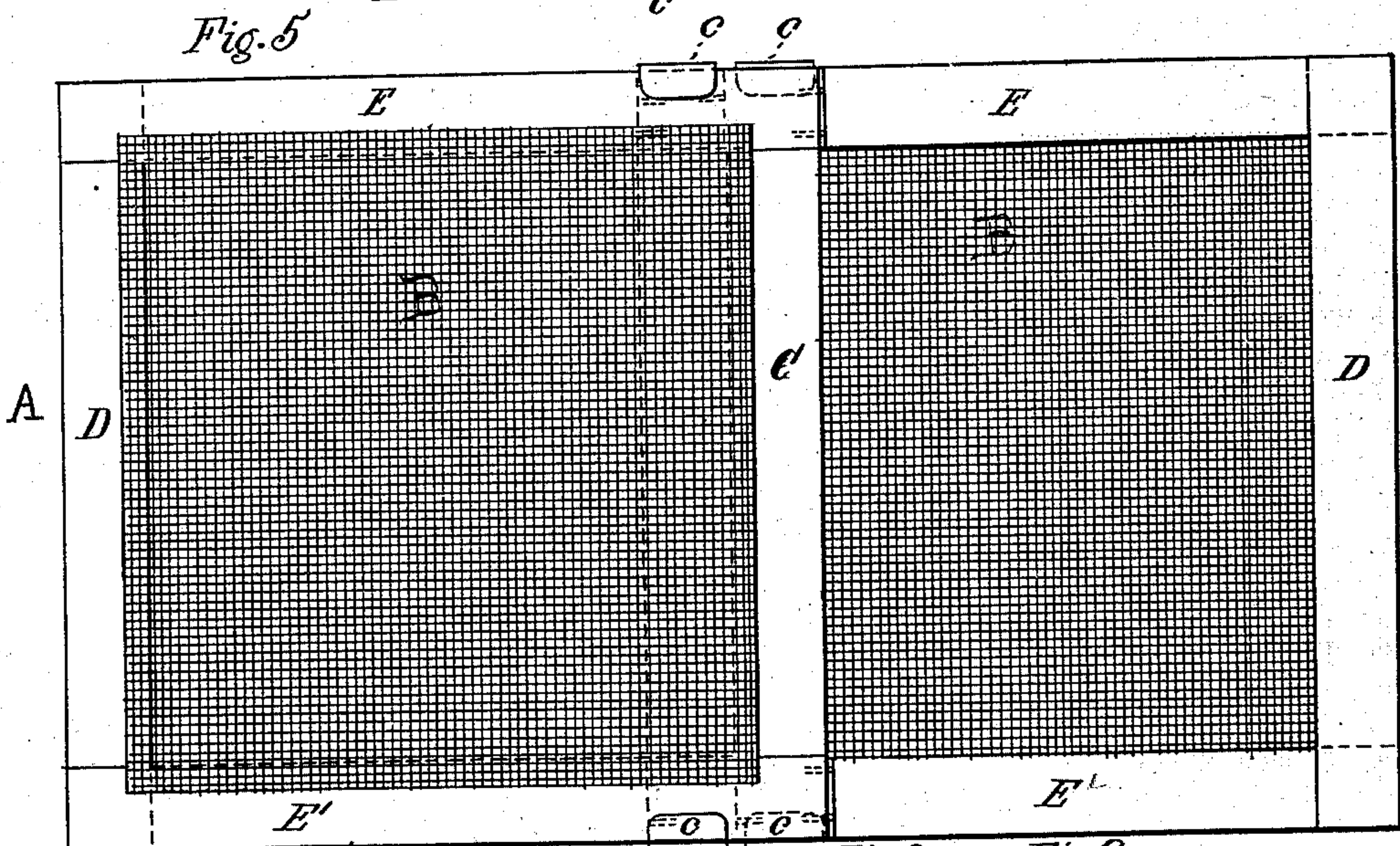
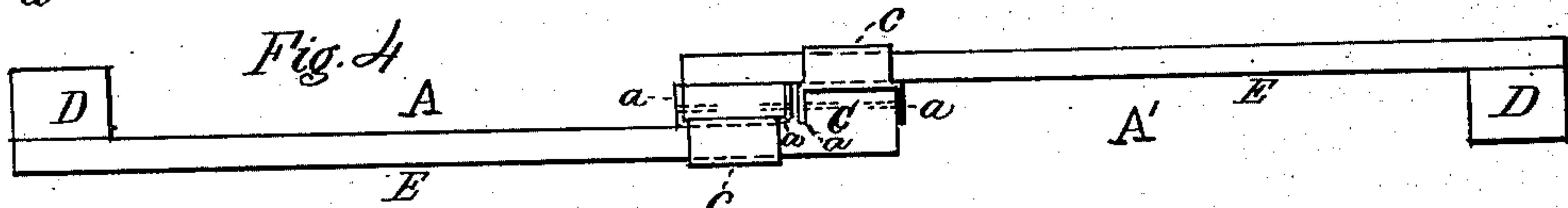
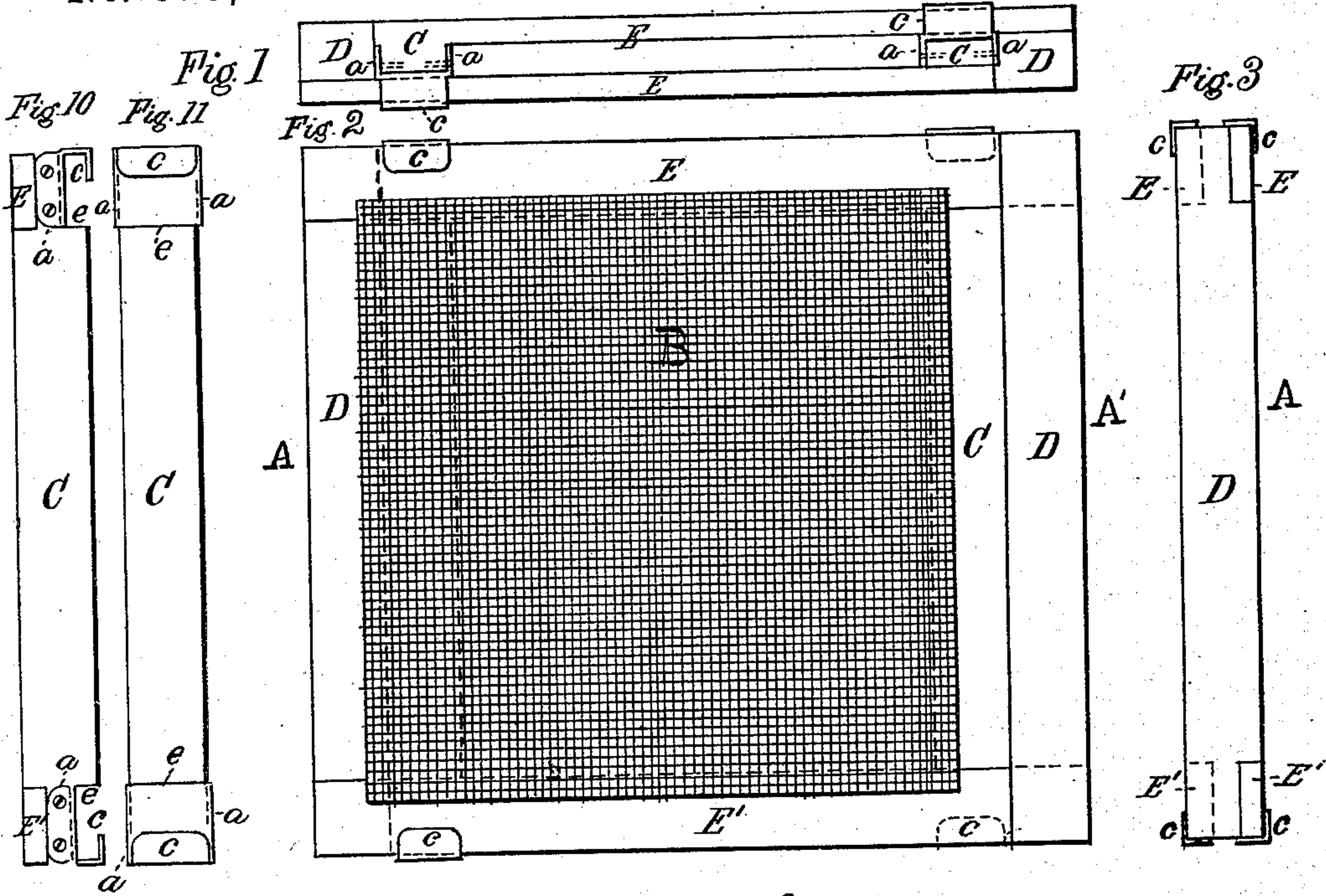


(No Model.)

D. COOK.
WINDOW SCREEN.

No. 315,249.

Patented Apr. 7, 1885.



Witnesses.

Fig. 6

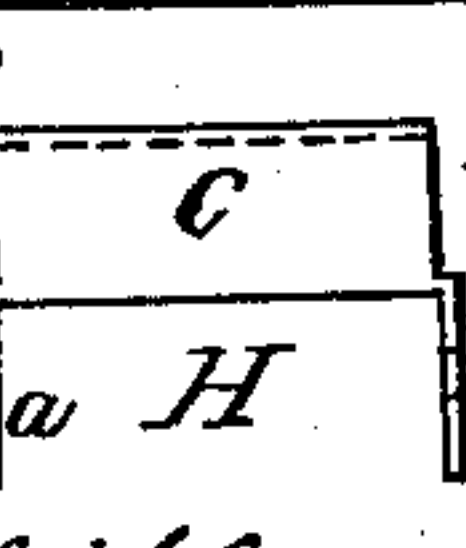


Fig. 7

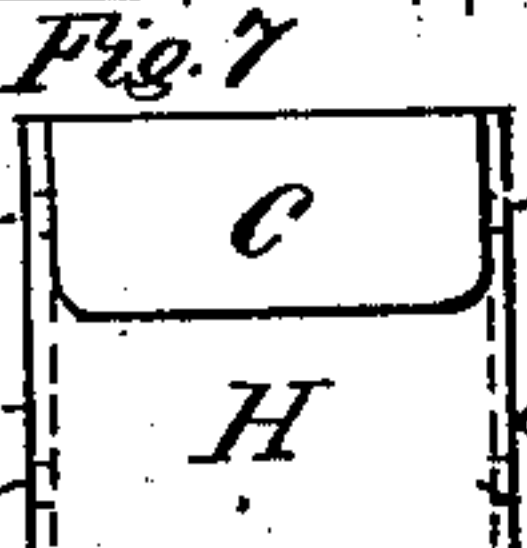


Fig. 8

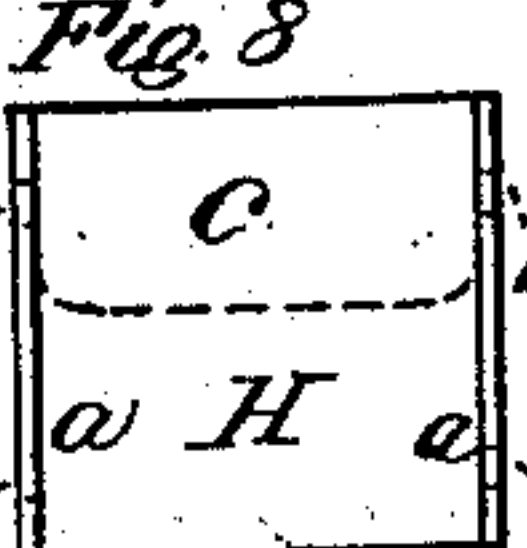
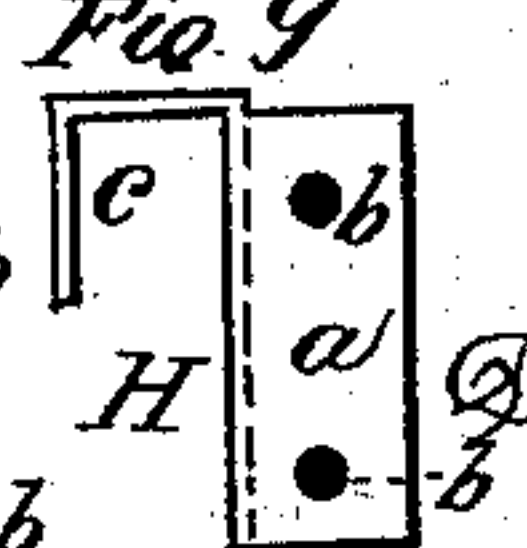


Fig. 9



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WINDOW-SCREEN.

SPECIFICATION forming part of Letters Patent No. 315,249, dated April 7, 1885.

Application filed July 30, 1884. (No model.)

To all whom it may concern:

Be it known that I, DANIEL COOK, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Window-Screens, of which the following is a specification.

The invention relates to that class of window-screens that are composed of two sections, adjustable in their lateral direction, so connected together with metallic clasps at the inner corners of each section at the top and bottom as to permit said sections to be extended and closed in accommodation to window-frames of different widths; and the invention consists of a clasp formed of sheet metal the face of which is of equal width to a stile of the screen, the sides of the clasp being bent over to form flanges having screw-holes therein, whereby by the use of brads or screws a permanent connection is effected between the clasp and the stile. The top portion of the clasp of the upper pair and the bottom portion of the lower pair are bent over and upon the sides of contiguous rails of each section at the four inner corners, whereby slides are formed that permit the upper and lower rails of the sections to move easily therein in parallel planes, and consequently said sections may be adjusted in any position desired in accommodation to window-frames of different widths.

In the accompanying drawings, which make a part of this specification, Figure 1 represents a top view of the sections A A', with my improvement attached thereto, in their closed position. Fig. 2 is a face view of the same. Fig. 3 is an edge view. Fig. 4 is a top view of the sections A A' and clasps H in their extended position. Fig. 5 is a face view of the same. Fig. 6 is a top view of the clasp. Figs. 7 and 8 are views of the opposite faces of the clasp. Fig. 9 is an edge view. Figs. 10 and 11 are an edge and a face view of one of the stiles C and clasps H.

Like letters of reference in all the figures indicate the same parts.

A A' are the sections, having the wire-cloth B tacked thereon in the usual manner. C C are the inner stiles of said sections. D D

are the outer stiles. E E are the top rails; E' E' the bottom rails. H are the clasps, that I form of a flat piece of thin sheet metal, having sufficient pliability to be easily manipulated. The flanges *a a* are bent to fit over onto the sides of the stiles C C, and confine the clasps thereto by means of the brads or screws passing through the holes *b*. Said holes are clearly seen in Fig. 9. The flange *c* of the clasp is bent over and partially surrounds the side of each contiguous rail, and forms thereby a slide for said rail. By the use of four of these clasps to unite the two sections (whose inner faces move parallel with each other) a screen of varying width may be formed, in accommodation to window-frames of different widths. The rails E E' are let into the stiles at each outward corner the thickness of material of each rail, thus making a plane surface on each outward face of the sections A A'. The corner of each inner stile, C, where the sections are united by the clasps H, is cut away on alternate sides of each stile at the top and bottom thereof the width and thickness of a rail E, whereby a shoulder, *e*, is formed on each corner of the stile, that serves as a support for the rail. The clasp is screwed fast to the face of the stile at this point through its flanges, as shown, and the flange *c* bent over the rail, partially covering its face. By this mode of construction a neat compact screen is formed, uniform in thickness throughout when closed; and by the use of these clasps the screen is expeditiously and cheaply constructed, dispensing with the cumbrous and unsightly method heretofore employed of sliding the sections upon rods.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the frame-sections A A', having wire-cloth B, inner stiles, C, shouldered at *e*, outer stiles, D, rails E E, and clasps H, whereby the device may be used as described.

DANIEL COOK.

Witnesses:

WM. H. LIST,
A. B. NANCE, Jr.