

(No Model.)

C. J. SHIRREFF.
MANUFACTURE OF SCREEN DOORS.

No. 481,067.

Patented Aug. 16, 1892.

Fig. 1.

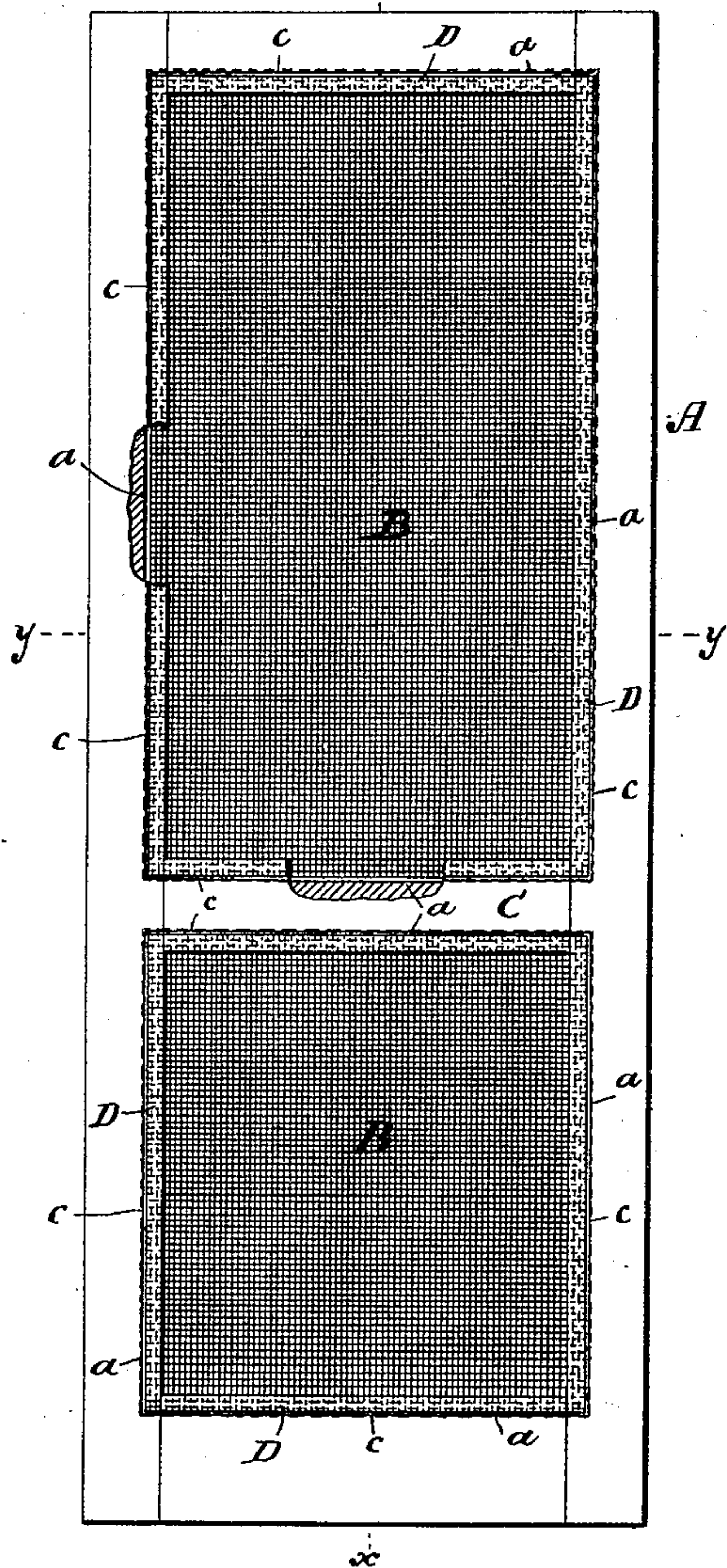


Fig. 2.

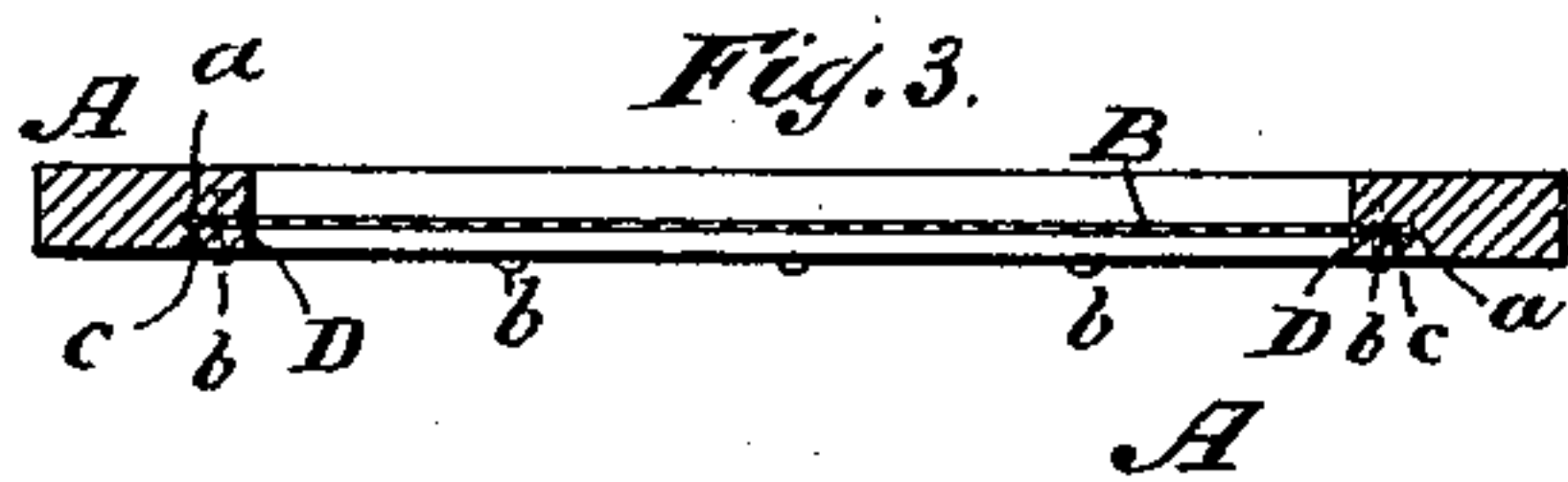
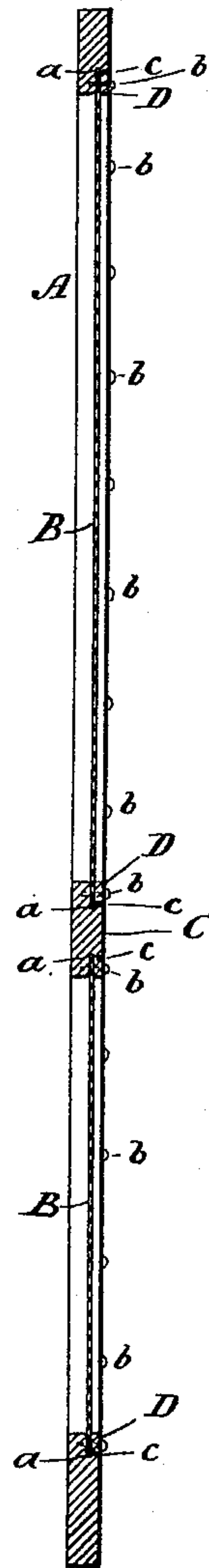
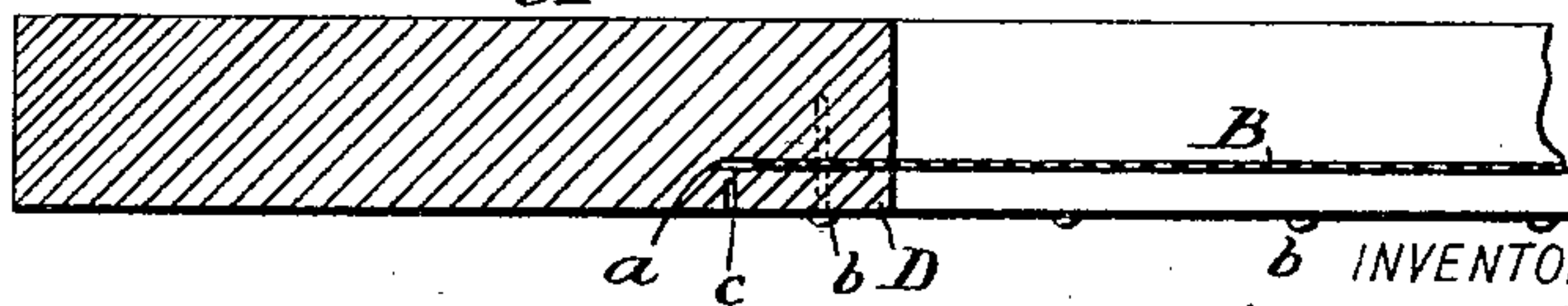


Fig. 4.



WITNESSES:

Edward Wolff.
William Miller

INVENTOR:

Charles J. Shirreff.

BY

Van Santvoord & Hauff
ATTORNEYS.

UNITED STATES PATENT OFFICE.

CHARLES J. SHIRREFF, OF BROCKVILLE, CANADA, ASSIGNOR TO HIMSELF
AND JOHN MACLEOD GILL, OF SAME PLACE.

MANUFACTURE OF SCREEN-DOORS.

SPECIFICATION forming part of Letters Patent No. 481,067, dated August 16, 1892.

Application filed March 31, 1892. Serial No. 427,271. (No model.)

To all whom it may concern:

Be it known that I, CHARLES J. SHIRREFF, a subject of the Queen of Great Britain, residing at Brockville, in the Province of Ontario, Canada, have invented a new and useful Improvement in the Manufacture of Screen-Doors, of which the following is a specification.

The object of this invention is to facilitate the manufacture of screen-doors; and the improvements which constitute my invention are pointed out in the following specification and claim and illustrated in the accompanying drawings, in which—

Figure 1 represents a face view of a screen-door constructed according to my invention. Fig. 2 is a longitudinal section in the plane xx , Fig. 1. Fig. 3 is a transverse section in the plane yy , Fig. 1. Fig. 4 is a partial transverse section on a larger scale than the previous figures.

In the drawings, the letter A designates a door-frame, which is provided with incisions a , extending from its inner edges in a direction approximately parallel to the face of the frame, and B is the screen, the edges of which are made to extend into said incisions. By these means the screen is retained in position by the incisions; but, in order to give it a firm hold, it may be fastened in said incisions by means of tacks b . In the example shown in the drawings the door-frame is constructed of two panels, separated from each other by the transverse strip C, and in this case each of the panels is provided with incisions extending from its inner edges approximately parallel with its face, and a separate screen is provided for each panel.

In order to facilitate the introduction of the

screen into the incisions a , a second series of incisions c may be made into the frame A at a distance from its inner edges in a direction approximately at right angles to the incisions a and extending down to such a depth that they nearly extend into the incisions a , (see Fig. 4,) so that the strips D can be readily broken off. By breaking off these strips recesses are formed for the reception of the screen, and after the screen has been adjusted in these recesses the strips D are placed upon the edges of the screen and secured in position by tacks b , which also serve to retain the screen. If desired, the strips D may be ornamented by exposing them to the action of a suitable tool, such as commonly used in the manufacture of moldings.

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

The improvement in the art of constructing screen-doors, which consists in providing the door-frame with incisions extending from its inner edges in a direction approximately parallel with its face and with other incisions at a distance from its inner edges and approximately at right angles to the first incisions, then removing the strips bordered by the two sets of incisions, so as to form recesses in the frame, then adjusting the screen in said recesses, and, finally, securing the strips over the edges of the screen, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

CHARLES J. SHIRREFF.

Witnesses:

JOS. DEACON,

C. C. FULFORD.