

(No Model.)

J. M. BENNETT.

WINDOW GARDEN.

No. 324,291.

Patented Aug. 11, 1885.

Fig. 1.

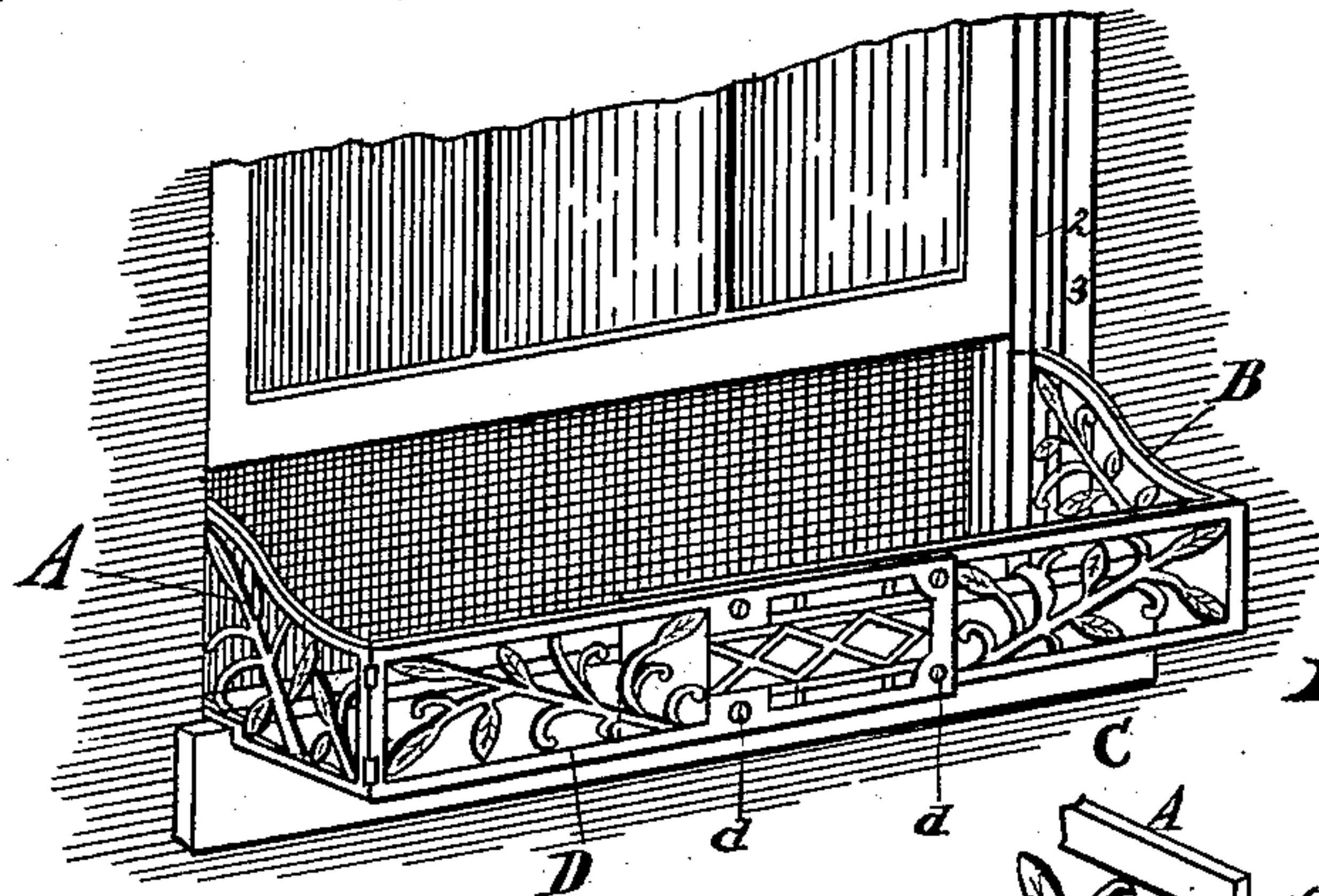


Fig. 5.

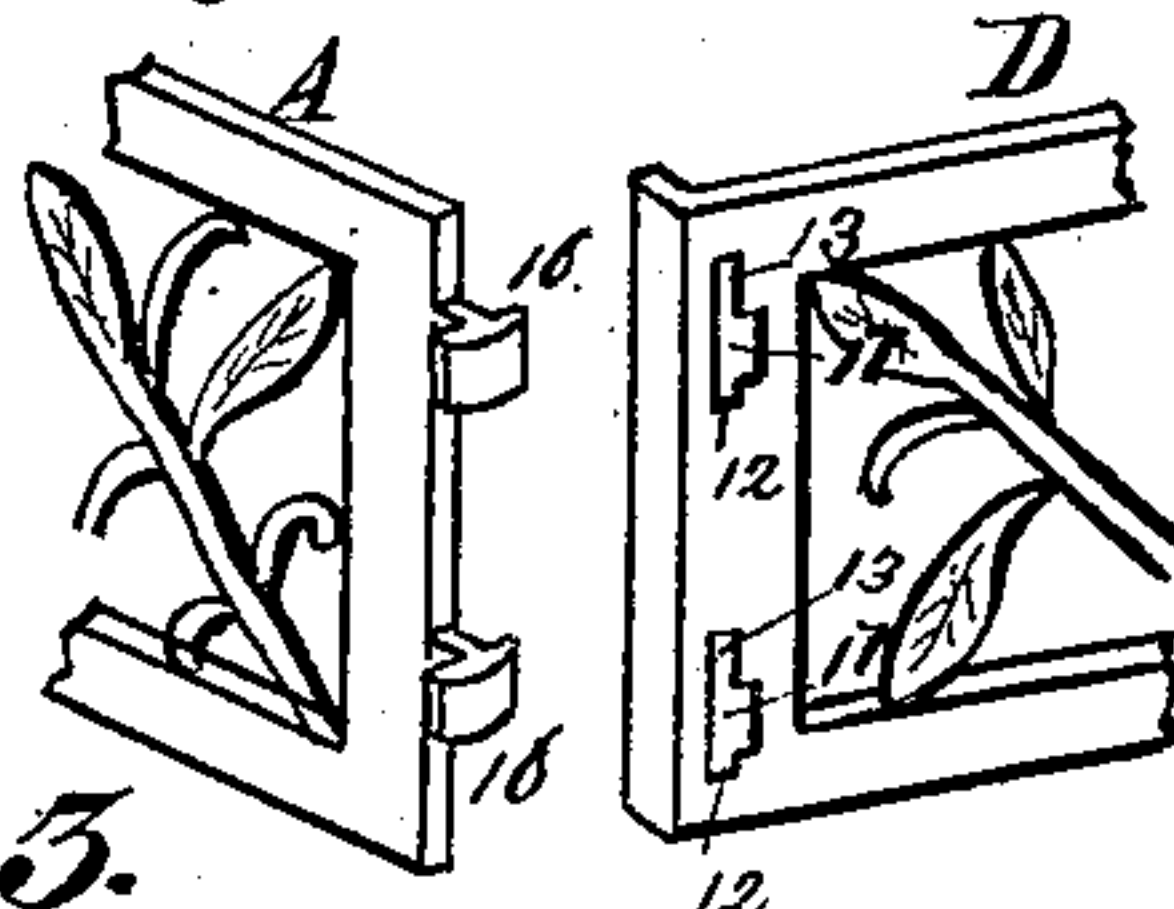


Fig. 2.

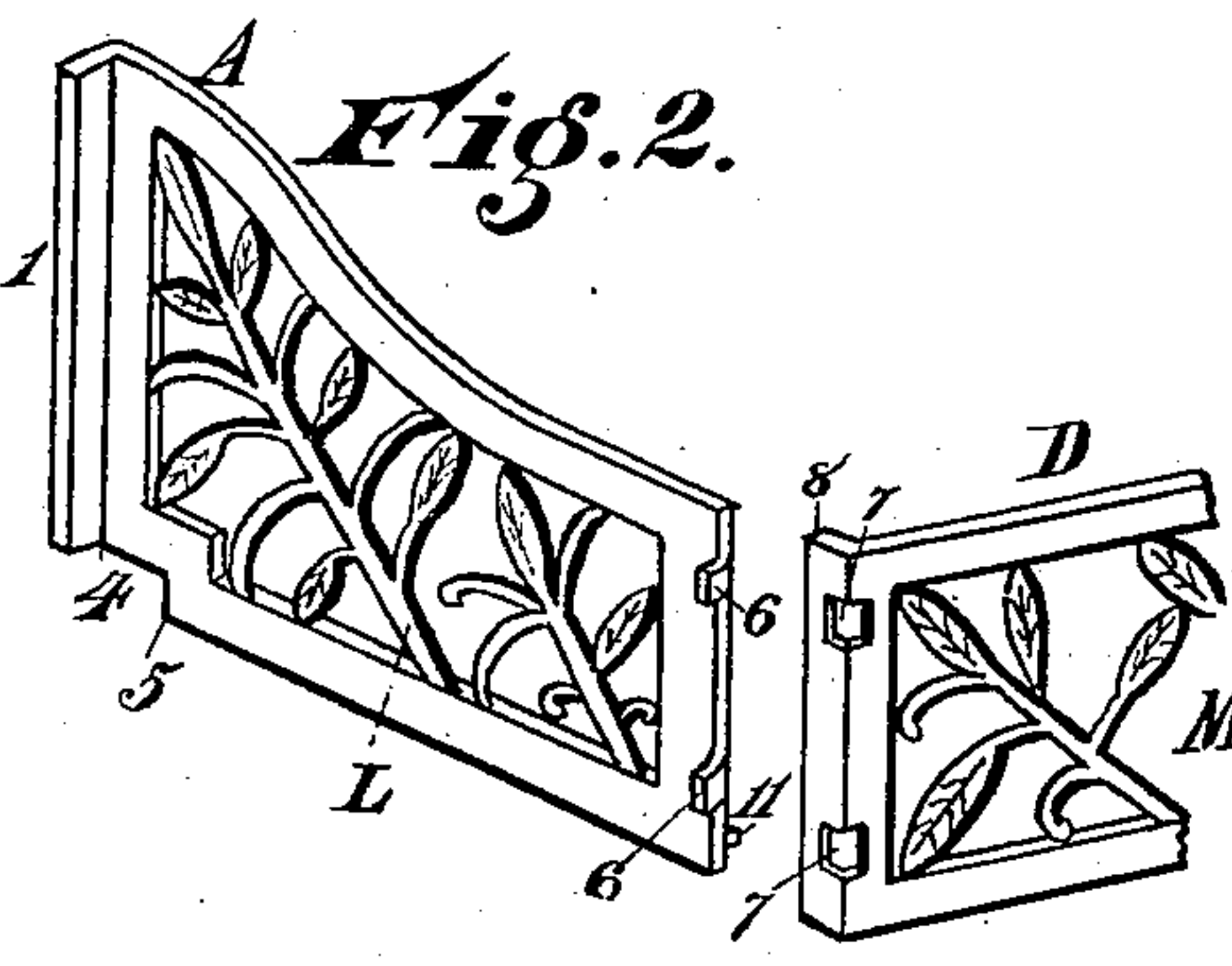


Fig. 3.

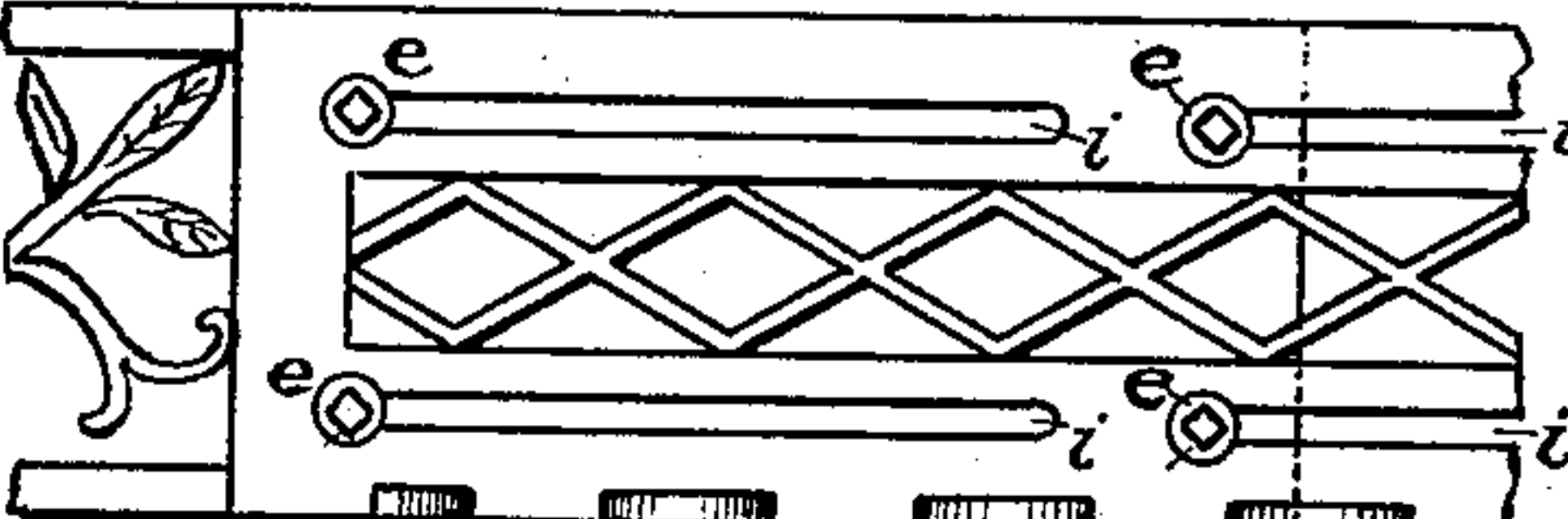
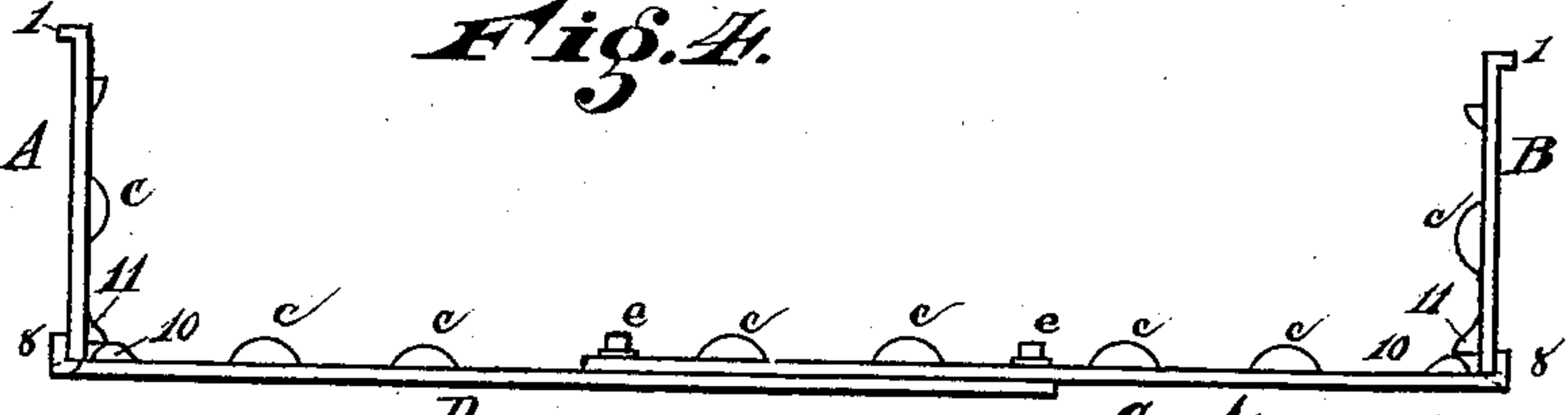


Fig. 4.



Attest

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UNITED STATES PATENT OFFICE.

JOHN M. BENNETT, OF CINCINNATI, OHIO, ASSIGNOR TO SAML. C. TATUM & CO., OF SAME PLACE.

WINDOW-GARDEN.

SPECIFICATION forming part of Letters Patent No. 324,291, dated August 11, 1885.

Application filed March 16, 1885. (No model.)

To all whom it may concern:

Be it known that I, JOHN M. BENNETT, a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Window-Gardens, of which the following is a specification.

My invention relates to an improved frame for "window-gardens," which is constructed of sections of metallic frames having jointed connections and adapted to engage and lock with the cleats and sill of a window-frame, all of which will be fully set forth in the description of the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a perspective view of my invention attached to the outside of a window-frame. Fig. 2 is a detail view of the joint-connection of two of the sections. Fig. 3 is a plan view of the extensible joint of the middle section. Fig. 4 is a top plan view of Fig. 1. Fig. 5 is a modification of the joint shown in Fig. 2.

The frame is shown formed of four pieces of metal, A representing one end piece, B the opposite end piece, and C D two sections composing the middle and extensible portion of the frame. Section A is provided with a flange, 1, at its inner end which engages over one of the cleats 2 of the window-frame 3. 4 represents a notch cut in the inner bottom edge, of the width and depth adapted to fit and rest upon the ordinary window-stool, the shoulder 5 and hook-flange 1 forming lock-braces to assist in holding the frame in position. Section B is made the counterpart of section A, and adapted to fit the reverse sides of the window-frame.

In order to securely fasten the end sections to the middle ones I have provided hooked tenons 6, which engage with mortises 7 cut in the middle sections, C D, as shown in Fig. 2, 8 representing a flange at right angles to the plane of the bars D, which, together with the hook form of the tenon and the inner bracing-lugs, 10 11, forms a brace-joint when the parts are put together and attached to the window-frame.

Fig. 5 is a modification of the form of joint shown in Fig. 2.

16 shows T-headed tenons adapted to pass into the wide parts of notch 17 and then rest on the top of the mortises 13.

13 represents an upward extension of the mortise vertically above the lower extension, 12.

The advantage of this form of joint is that the frame may be lifted by taking hold of either the section A or section B without liability of the frame falling apart and being broken.

This modification represents a lock-joint, while the form shown in Fig. 2 is simply detachable.

c represents lugs cast on the bottom of the sections A B C D, and their top faces are on the same plane as the lugs 10 11. These form the equivalent to a continuous ledge, and being formed on the end and side sections serve to support the bottom, which is placed loosely thereupon. This bottom may be of metal or wood, as desired.

In order that the device may fit windows of different widths the middle sections, C D, are made extensible and adjustable.

Figs. 1 and 3 of the drawings show one means of adjusting the length of said sections.

d represents bolts, which are secured to the outer section, D, and project through a sufficient distance to receive a nut, e, which taps thereon.

i represents slots formed in the inner section, C, which receive the bolts d. When the nuts e are slackened, the sections C D may be slid in or out to any desired point, and the nuts e tightened so as to hold the parts firmly in position.

Instead of employing the extensible features here shown other equivalent devices may be employed in lieu thereof.

This sectional frame A B C D, together with the bottom board, may be readily secured to the outside or inside of a window, as desired. It is cheaply made, can be readily taken apart and put together, and quickly adapted to various-sized windows to which it is desired to apply it.

L M represent imitations of lattice-work, which is formed by coring the metal, and these sections may be of any desired form of configuration or ornamentation.

Having described my invention, what I claim as new is—

1. A window-garden or flower-box consisting of the extensible sections C and D, having
5 mortises or recesses in their outer ends, and the end sections, A and B, having vertical flanges for engaging a window-frame and provided with hooked projections detachably engaging said mortises or recesses, substantially
10 as described.

2. A window-garden or flower-box consisting of the extensible sections C and D, having mortises or recesses in their outer ends, and the end sections, A and B, having bottom
15 notches and vertical flanges for engaging a window-frame, and provided with hooked projections detachably engaging the mortises or recesses, the said sections having lugs *e* for holding the bottom of the box, substantially
20 as described.

3. The box-sections A D and B C, connected together by hooked tenons engaging with mor-

tises, and provided with flange 8 and abutting-lugs 10 11, substantially as herein specified.

4. The sections A B, detachably connected
25 to the middle sections, C D, and provided with notches 4 in their bottom edges to engage with a window-stool, and flanges 1 at their inner edges engaging with the cleats of a window-frame, substantially as described.

5. In combination with the sections A B, the detachable and adjustable central sections, C D, the outer section, D, being provided with bolts *d d*, having nuts *e e*, and the inner section, C, having slots *i* for the reception of the
35 bolts *d*, whereby said central sections are firmly locked in position, substantially as described.

In testimony whereof I have hereunto set my hand.

JOHN M. BENNETT.

Witnesses:

ROBERT ZAHNER,
M. E. MILLIKAN.