

(No Model.)

J. E. WEISEL.  
FRAME FOR DRYING CURTAINS.

No. 560,073.

Patented May 12, 1896.

Fig. 1.

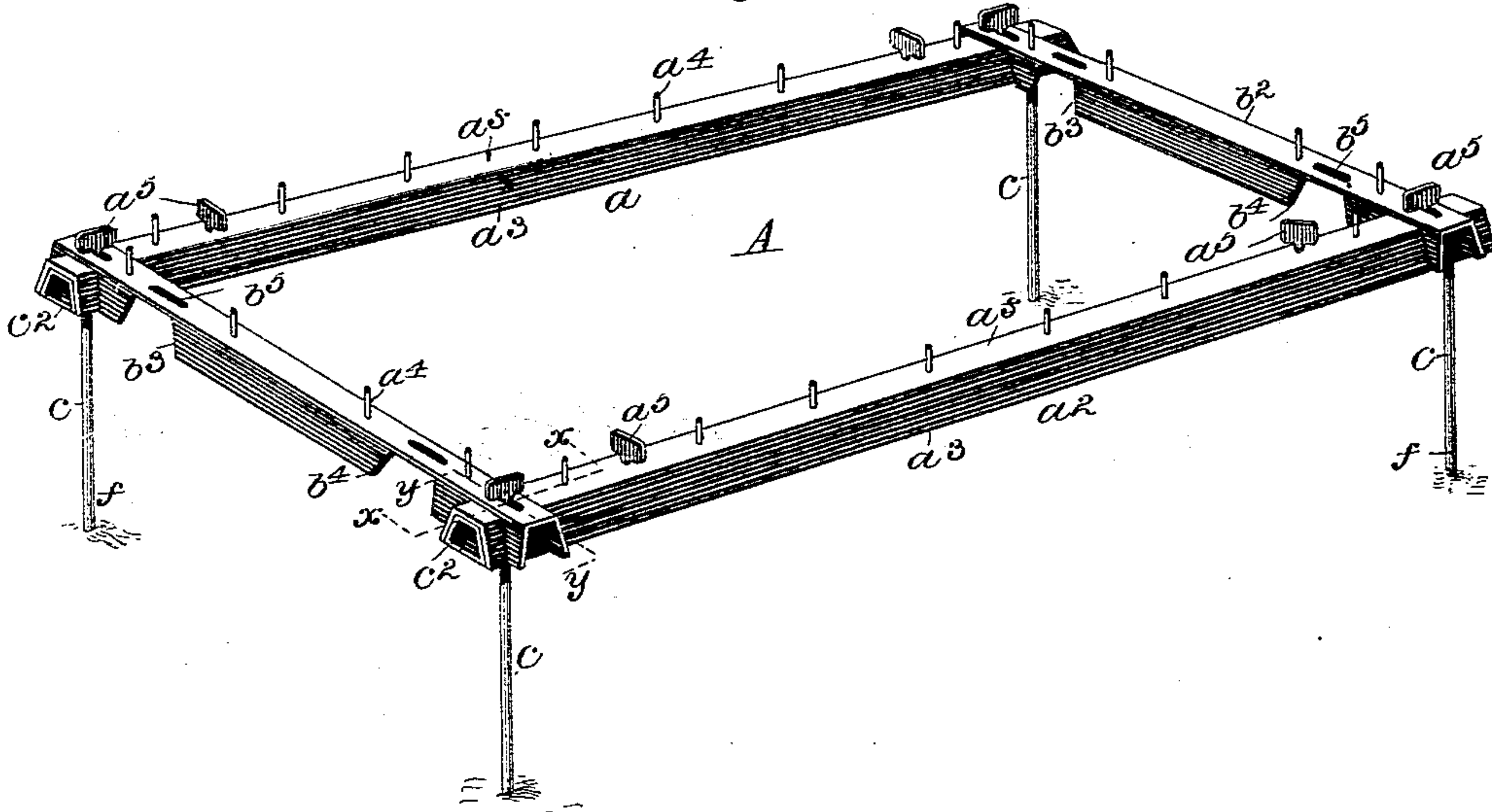


Fig. 2.

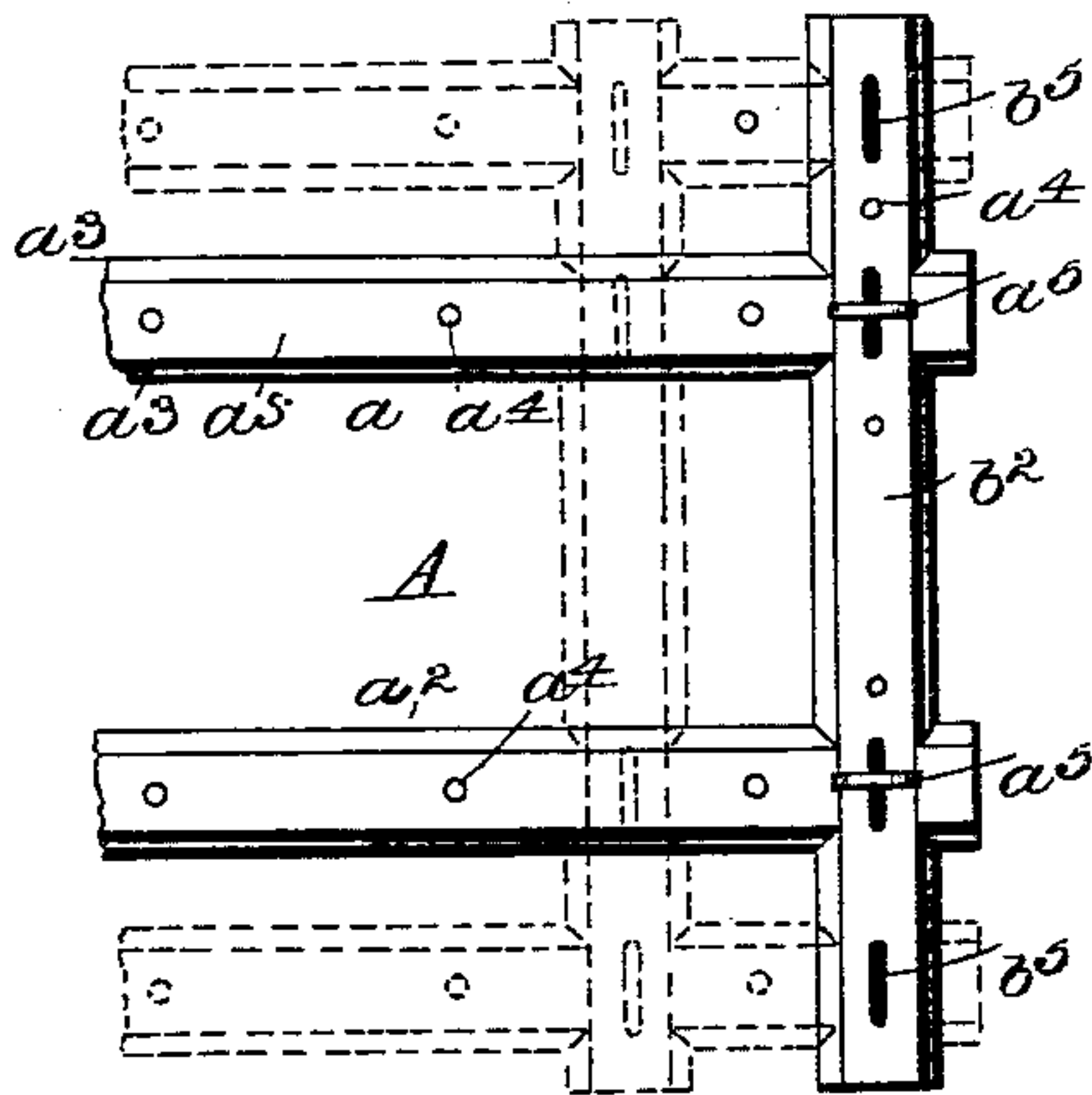


Fig. 3.

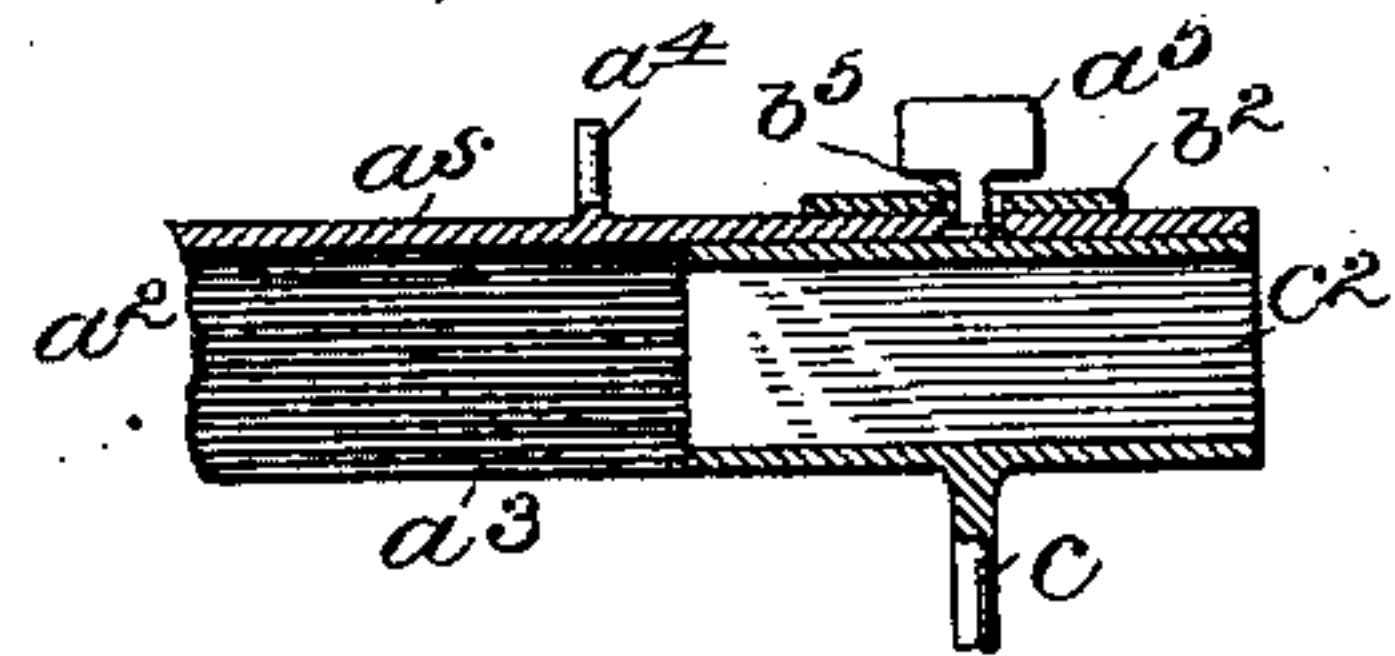


Fig. 4.

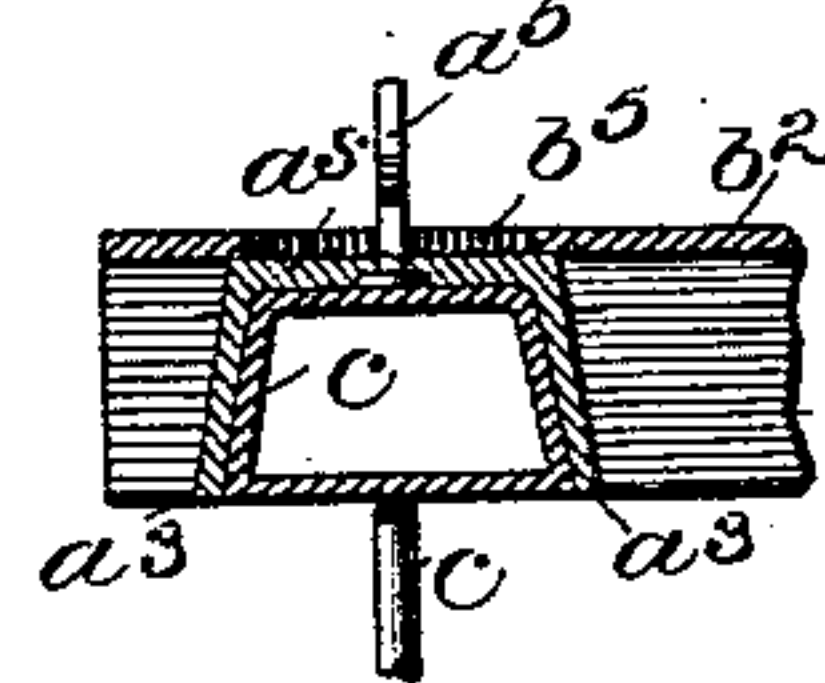


Fig. 5.

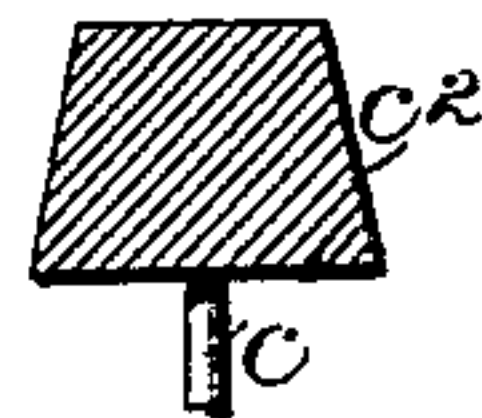
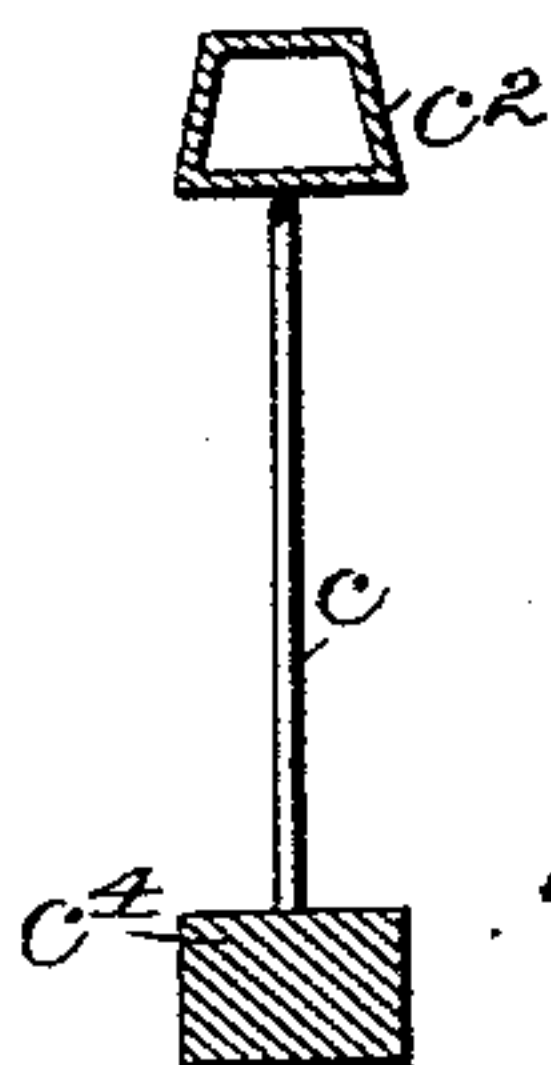


Fig. 6.



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# UNITED STATES PATENT OFFICE.

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## FRAME FOR DRYING CURTAINS.

SPECIFICATION forming part of Letters Patent No. 560,073, dated May 12, 1896.

Application filed November 11, 1895. Serial No. 568,523. (No model.)

*To all whom it may concern:*

Be it known that I, JACOB E. WEISEL, a citizen of the United States, and a resident of the city of Crestline, in the county of Crawford, in the State of Ohio, have invented a new and useful Frame for Drying Curtains, of which the following is a correct description.

The object of the invention is to provide, for use in laundries, dyeing establishments, &c., a suitable frame upon which may be smoothly stretched for drying lace-curtains and other analogous fabrics which are of such open texture that they may not be readily and satisfactorily laundered by the ordinary process of washing, sprinkling, and ironing.

The invention consists in a novel stretching and drying frame, the parts of which are adjustable upon each other to adapt the frame to articles or fabrics of various dimensions, and which when adjusted are adapted to be locked together without the use of any extraneous or unattached appliances.

The invention consists also in a frame the component parts of which are adjustable and securable upon each other without the employment of separate securing appliances, and which are severally provided with a series of projections for engaging the fabrics which are to be dried.

The invention consists also in a frame the parts of which are adapted to be received and secured upon each other when in use, and which are adapted to be received one within the body of another when the frame is "knocked down" and the parts are to be packed for storage or for transportation.

The invention consists also in a frame for drying curtains and the like in which the members of the frame are provided in part with locking-openings and in part with attached pivotal locking projections, in which all the members are provided with tenter or securing pins, and in which each member is adapted to be received, in whole or in part, within the body of each of the other members.

The invention consists also in various novel parts, or combination of parts, in a frame for drying curtains, as will first be described with reference to the details of construction thereof, and then specifically and distinctly claimed in the paragraphs which succeed such detailed description.

In the accompanying drawings, which constitute a part of this specification, Figure 1 represents a perspective plan view of the drying-frame. Fig. 2 is a partial plan view of the frame. Fig. 3 is a detail section, as in the line  $xx$  of Fig. 1. Fig. 4 is a section, as in the line  $yy$  of Fig. 1. Fig. 5 represents a form of supporting-leg in which the head is made solid. Fig. 6 represents a form of supporting-leg in which a foot is provided to adapt the same to indoor use.

The longitudinal members or side bars  $a$  and  $a^2$  of the drying-frame A are formed from suitable flat strips of sheet metal of appropriate thickness and of any desired length, which are "struck up" between suitable formers in such manner as to produce a flat horizontal top surface  $a^s$  and downwardly and outwardly flaring sides or flanges  $a^5$   $a^3$ , thus inclosing or bestriding a  $\Lambda$ -shaped receiving-space or longitudinal bottom cavity, as seen in the drawings. Each of these members is upon its upper surface provided with a series of vertically-arranged tenter-pins  $a^4$  and toward each extremity with pivoted non-detachable locking-buttons  $a^5$  in any required number.

The transversely-extending members or end bars  $b$  and  $b^2$  of the frame are, like the longitudinal members, formed from flat strips of metal, but before being struck up are cut out at their edges to form the bottom notches or recesses  $b^3$  and  $b^4$  to receive the body of the longitudinal bars and at their transverse centers to form the longitudinal button receiving or locking openings  $b^5$   $b^5$ .

It will be seen that by reason of the provision of the pivotally-movable buttons  $a^5$  upon the longitudinal members and of the slots  $b^5$  and the notches  $b^3$  in the transverse members  $b$  and  $b^2$  each of the four members is at each corner of the frame made adjustable upon the other, so that from their most extended position to receive the longest and broadest curtains the parts may be moved inwardly to render the frame both shorter and narrower, as represented in Fig. 2.

The parts being assembled in any desired adjustment may for out-of-doors exposure be loosely supported upon the legs  $c$ , the caps  $c^2$  of which are transversely of like configuration with the members of the frame to adapt



them to be received with exactness within the body of the same, and the feet  $f$  of which are pointed to facilitate their insertion into the earth. For in-door exposure under glass the legs or standards  $c$  may be provided with terminal pedestals  $c^1$  to insure a sufficiently firm bearing upon the floor.

It will be noted that by reason of the provision of the notches  $b^3$   $b^4$  in the flaring side walls of the end sections  $b$  and  $b^2$  the top plane or upper surface of all the sections is in substantially the same horizontal line, thereby facilitating the adjustment of the curtains in a flat plane or straight line upon the frame.

It will further be noted that under the described construction none of the securing appliances of the frame are detachable, and that consequently all danger of misplacement and loss thereof is precluded.

It will be obvious that when the end sections are broad the openings  $b^5$  therein may extend transversely of the sections.

The invention having been thus described, what is claimed is—

1. A drying-frame which embraces bottom-hollowed longitudinal bars each of which is provided with axially-movable securing-buttons; and transverse bars which are similarly hollowed, and are provided with transverse bottom notches or recesses, to receive and embrace the body of the longitudinal bars, and with locking-openings to permit the passage of the axially-movable buttons upon the longitudinal bars; substantially as described and shown.

2. In a frame for drying curtains, the described transversely  $\Lambda$ -shaped longitudinal bars, each having pivotal or axially-movable, non-detachable securing or interlocking buttons, and a series of tenter-pins; in combination with the similarly-shaped transverse bars, each having bottom notches to receive the body of the longitudinal bars, locking-openings to receive the securing-buttons of the longitudinal bars, and a series of tenter-pins which are essentially in plane with the tenter-pins upon the longitudinal bars.

3. The described drying-frame, consisting of the hollowed longitudinal bars, and the similarly-hollowed transverse bars of inferior length, and having the transverse bottom notches  $b^3$  and  $b^4$ ; whereby when the frame is "set up," for use, the longitudinal bars are re-

ceived transversely within the bottom notches of the transverse bars; and whereby when the frame is knocked down and assembled for transportation, the members thereof are "nested" together.

4. A four-part frame for drying curtains and the like, in which two of the members of the frame are provided with locking-openings, and in which the other two members are provided with pivotal or axially-movable non-detachable locking projections; or securing-buttons in which all the members are provided with tenter or securing pins; and in which each member is bottom hollowed or recessed, as set forth, and is thereby adapted to be received in whole or in part within the body of each of the other members; substantially as shown and described.

5. In a rectangular frame for drying curtains, the combination with the two longitudinal members or sections each of which is flat upon its upper surface, and outwardly flared at its sides, and each of which is provided with pivoted or axially-movable non-detachable securing-buttons, and with a series of tenter-pins; of the two transversely-extending members or sections each of which is provided in its side walls, with bottom notches or recesses, to receive transversely, in its own horizontal plane, the body of the longitudinal members or sections; with openings to receive the axially-adjustable securing-buttons of such longitudinal members or sections; and with a series of tenter-pins, for receiving by its margin, the curtain or other fabric which is to be stretched upon the frame for drying; substantially as set forth.

6. In a frame for drying curtains, the combination of the longitudinal sections, each having the turning-buttons  $a^5$ , and the series of tenter-pins; the transverse sections, each having the side or bottom recesses or notches  $b^3$  and  $b^4$ , and the locking-openings  $b^5$ ; and the legs or standards  $c$ , having the caps  $c^2$ , of like configuration, transversely, with the sections of the frame, and thus adapted to receive and support the same; substantially as described and shown.

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Witnesses:

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E. D. MILLER.