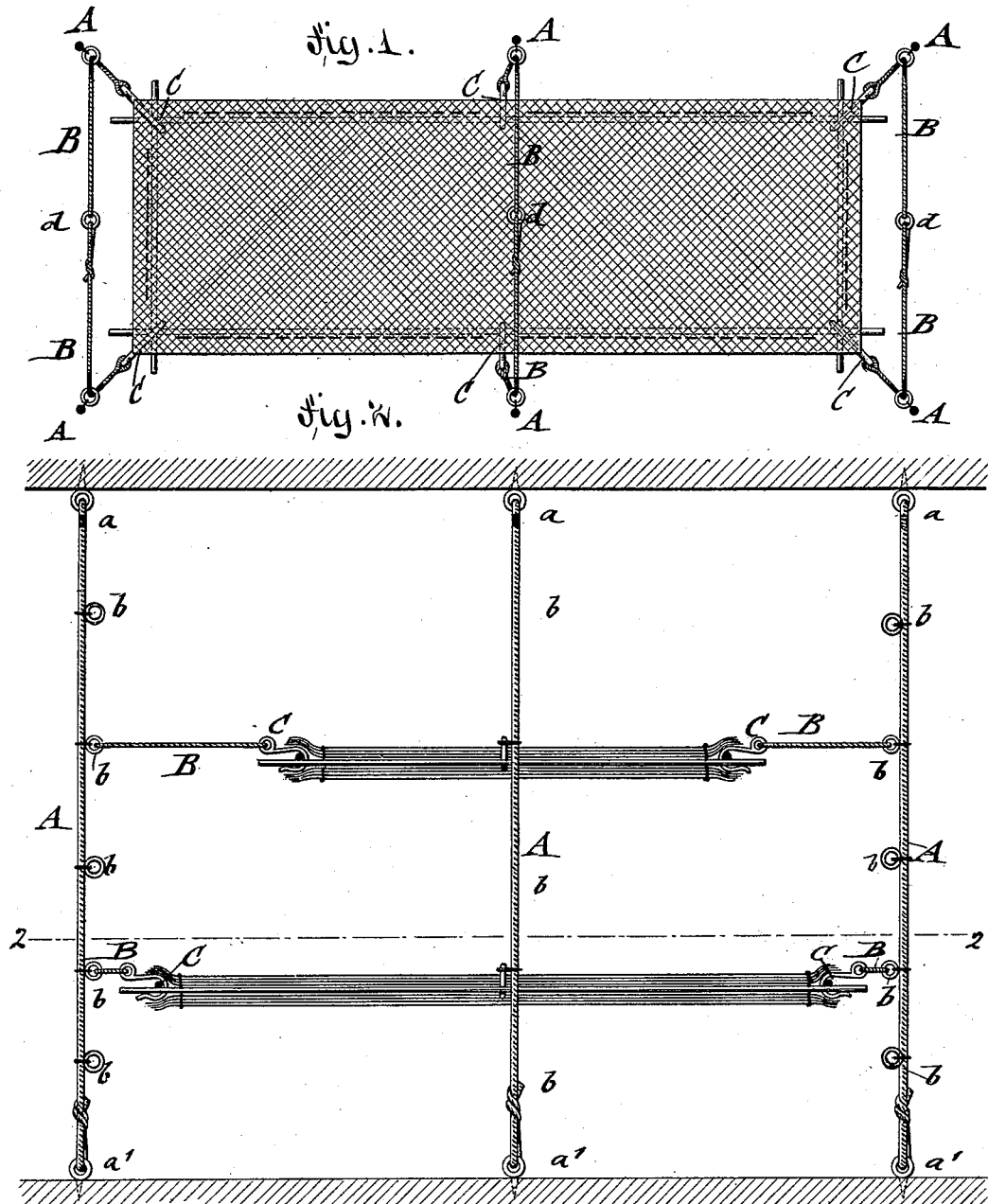


(No Model.)

C. IMANDT.  
FRAME FOR DRYING LACE CURTAINS.

No. 419,449.

Patented Jan. 14, 1890.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

CHRISTIAN IMANDT, OF NEW YORK, N. Y.

## FRAME FOR DRYING LACE CURTAINS.

SPECIFICATION forming part of Letters Patent No. 419,449, dated January 14, 1890.

Application filed August 31, 1889. Serial No. 322,587. (No model.)

*To all whom it may concern:*

Be it known that I, CHRISTIAN IMANDT, of the city, county, and State of New York, a citizen of the United States, have invented certain new and useful Improvements in Frames for Drying Lace Curtains, of which the following is a specification.

This invention relates to an improved frame for drying lace curtains according to the method for which Letters Patent were granted to me, No. 404,543, dated June 4, 1889, said frame being adapted to dry a large number of curtains within a comparatively small space and without the use of the cumbersome woolen stretching-frames heretofore employed; and the invention consists of a frame for drying lace curtains composed of a number of vertical ropes which are tightly stretched between the ceiling and floor and provided with eyes or pulleys for guiding a number of stretching-cords that are provided with hooks at their inner ends, said hooks engaging longitudinal and transverse bars or rods which are passed through a number of layers of superposed curtains that are basted together along their edges. The stretching-hooks are applied diagonally to the intersecting ends of the stretching bars or rods and at intermediate points of the longitudinal rods and the stretching-cords, then drawn taut and tied together in a suitable manner, so as to support thereby the superposed layers of curtains in uniformly-stretched position and permit thereby the drying of any number of sets of curtains one above the other on the same drying-frame.

In the accompanying drawings, Figure 1 represents a horizontal section of my improved frame for drying lace curtains, taken on line 2 2, Fig. 2; and Fig. 2 is a side elevation of the same, showing the several sets of curtains in stretched position ready for drying.

Similar letters of reference indicate corresponding parts.

In the drawings, A A represent supporting-ropes which are tightly stretched between screw-eyes *a a'*, that are attached, respectively, to the ceiling and floor. The distance of the ropes A from each other has to be such

that even the largest size of curtains may be stretched between them.

My frame is preferably arranged with six vertical supporting-ropes A, four corner ropes, and two intermediate ropes, though for extra lengths of curtains another set of intermediate supporting-ropes may be used. The ropes A are provided at certain distances from each other with eyes or pulleys *b*, that are firmly attached to the ropes A, said rings serving for passing the stretching-cords B through. The stretching-cords B are provided at their inner ends with hooks C, while the opposite ends are tied together in any suitable manner, one end of each stretching-cord being provided with an eye or pulley *d*, through which the opposite end of the next adjoining cord is passed and tied, as shown in Fig. 1. The ends of the stretching-cords B that pass through those eyes *b* which are located in one horizontal plane are connected in pairs transversely between the vertical supporting-ropes A. The stretching-hooks C are applied to longitudinal and transverse stretching rods or bars D, which are inserted into a number of superposed curtains that are basted together along the edges before the stretching rods or bars C are placed in position. The stretching rods or bars C are passed longitudinally and transversely through the set of basted curtains along the inside of the basted edges of the same, as shown clearly in Fig. 1. The basting-stitches are omitted at the points of the curtains where the hooks C are applied to the rods, as shown in Fig. 1. The stretching-hooks C are applied to the intersections of the longitudinal and transverse stretching-bars D at the corners of each set of basted curtains and to the longitudinal bars D at a point or points intermediately between said corners, so that thereby the stretching-rods are retained by the diagonally-applied corner hooks and by the intermediate hooks, which are at right angles to the longitudinal rods, as shown in Fig. 1. The stretching hooks and cords support thus the sets of basted curtains, by means of the longitudinal and transverse rods, in horizontal position in such a manner that as the drying proceeds the elasticity of

the supporting-ropes and stretching-cords "gives" sufficiently to prevent by the tension on the same a tearing action which is exerted on the curtains, so that the same are dried  
5 throughout in a regular and uniform manner.

It is obvious that as many groups or series of basted curtains may be dried simultaneously on the drying-frame as there are supporting-eyes *b* arranged on the vertical supporting-ropes *A*. The stretching-frame permits thereby the stretching and drying of a large number of curtains at the same time and with a comparatively small space, while producing a superior stretching  
15 action on the curtains without the least injury to the same, as is frequently the case by the stretching-frames heretofore in use, which are provided with a large number of stretching hooks or pins.

20 Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A stretching-frame for drying lace curtains, composed of a number of tightly-stretched supporting-ropes having eyes, cords  
25 passed through said eyes, said stretching-cords being provided with hooks at their in-

ner ends, and of longitudinal and transverse stretching rods or bars that are adapted to be passed through the bights formed at the inside of a number of superposed curtains  
30 basted together at their edges, substantially as set forth.

2. A stretching-frame for drying lace curtains, consisting of a number of supporting-ropes, screw-eyes attached to the ceiling and  
35 floor for tightly stretching said ropes, eyes attached to said ropes, stretching-cords passed through said eyes and provided at their inner ends with stretching-hooks and at their outer  
40 ends with tying devices, and longitudinal and transverse bars or rods that are adapted to be passed through a number of superposed curtains that are basted together along their edges and engaged by said stretching-hooks,  
45 substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

CHRISTIAN IMANDT.

Witnesses:

PAUL GOEPEL,  
JOHN ALONZO STRALEY.