

L. NOLAN.

Devices for Drying Lace-Curtains.

No. 153,010.

Patented July 14, 1874.

Fig. I.

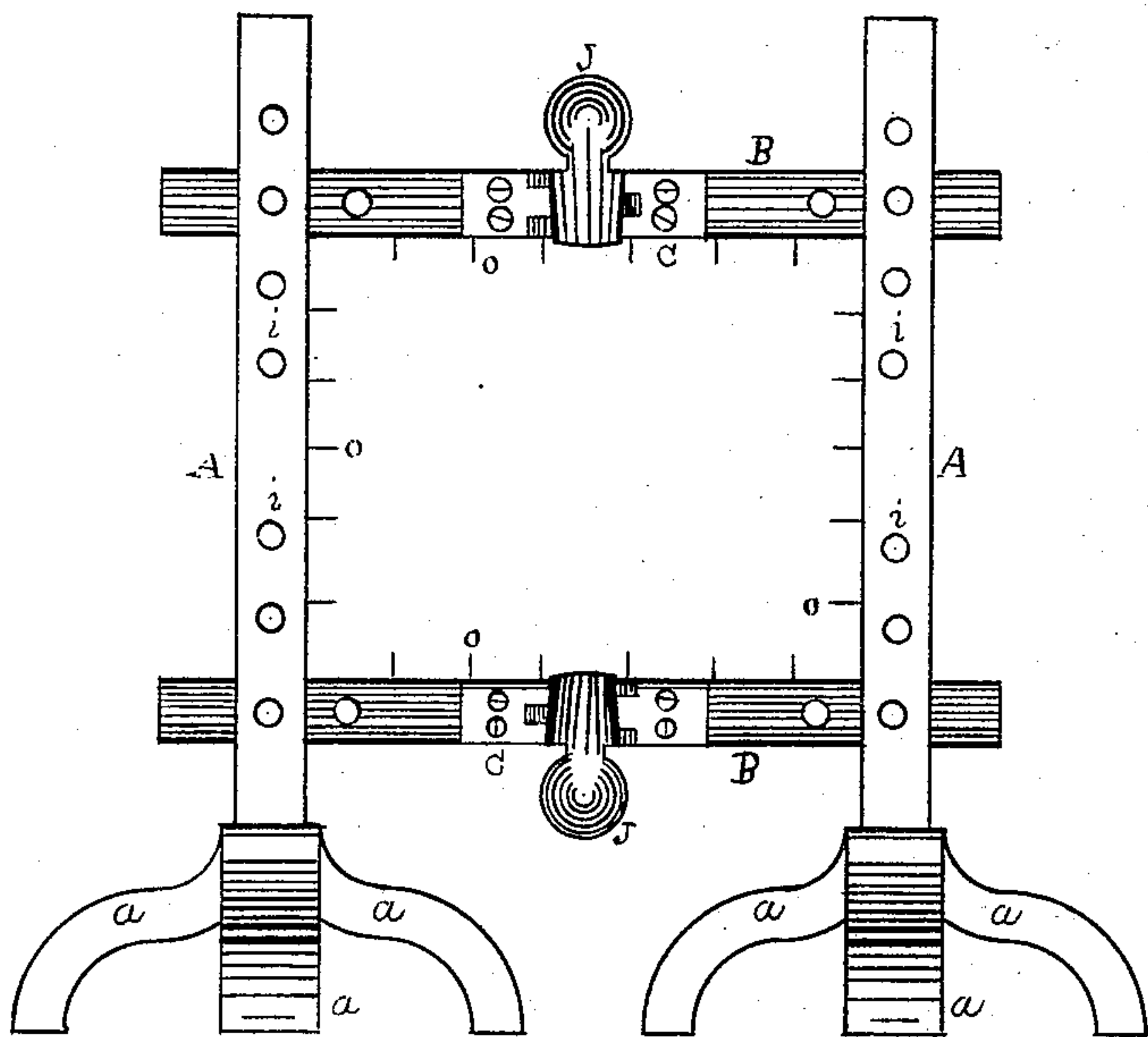


Fig. II.

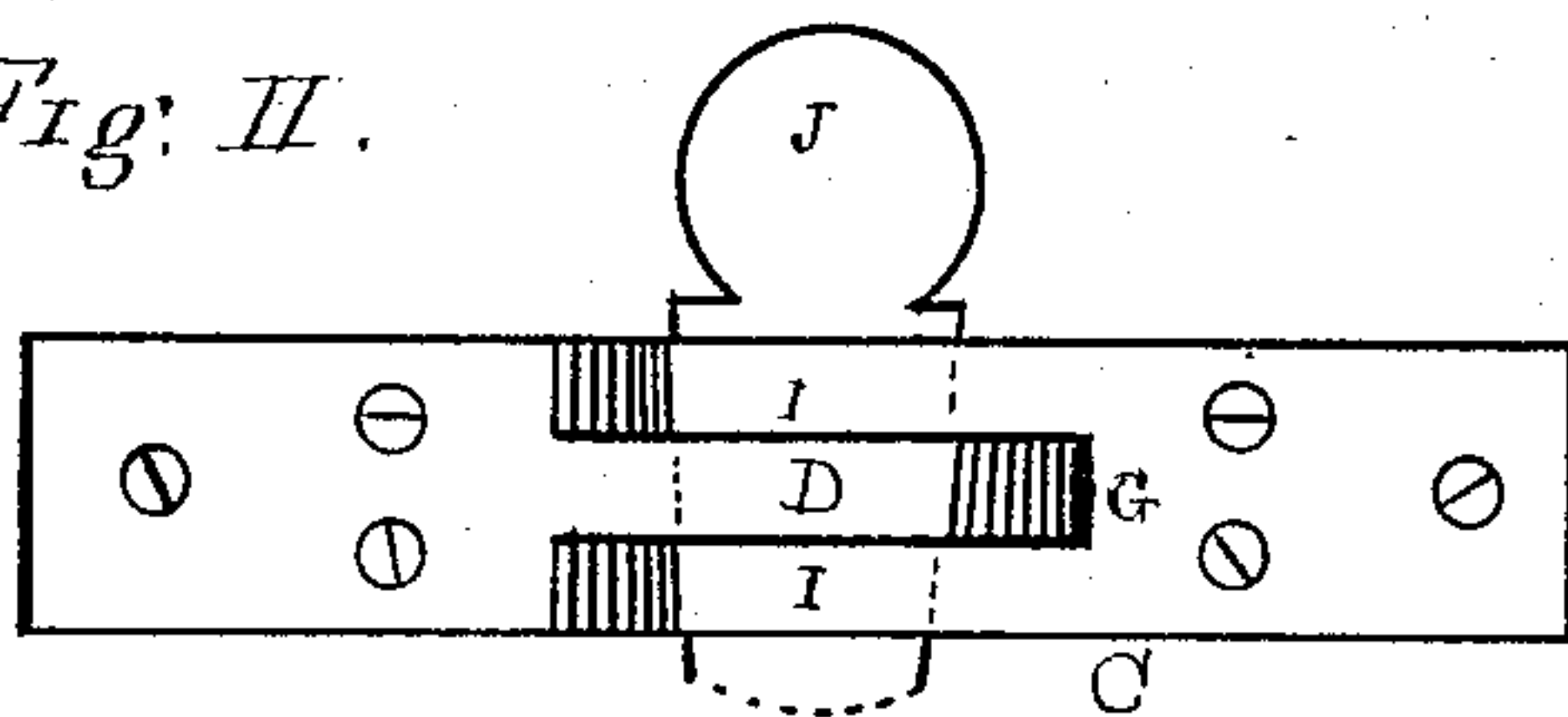


Fig. III.



Witnesses

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UNITED STATES PATENT OFFICE.

LAWRENCE NOLAN, OF NEW YORK, N. Y.

IMPROVEMENT IN DEVICES FOR DRYING LACE CURTAINS.

Specification forming part of Letters Patent No. **153,010**, dated July 14, 1874; application filed March 13, 1874.

To all whom it may concern:

Be it known that I, LAWRENCE NOLAN, of the city, county, and State of New York, have invented a new and useful Apparatus for Drying Lace Curtains; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

My invention has for its object to make an apparatus by which means lace curtains may be dried after having been washed, and at the same time are made perfectly smooth and even.

The nature of my invention consists in the combination of a novel and peculiar joint in the cross-bars of my drying apparatus with the uprights, the whole being so constructed and arranged that the apparatus may be readily taken apart and put aside when not in use.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure I represents a side elevation of my invention. Fig. II represents an enlarged figure of the coupling that secures the sections of the cross-bars; also the keys that hold them together. Fig. III shows the edge of Fig. II, showing the dovetail that receives the key.

Letters of like name and kind indicate like parts in each of the figures.

a a represent the legs, which may be made in any suitable form so as to form a proper base for the support of the apparatus; they may also be made of wood or metal, and of any convenient height. *A A* represent two uprights, that may be made of wood or metal, of suitable height and thickness. These uprights or posts are secured to the feet or base *a a*, and are provided with holes *i i*, for the purpose of receiving pins which pass through the cross-bars *B B*, and also through the holes in the posts, and thus keep the bars in proper position. These bars *B B* pass through mortises or long slots in the uprights, that are much longer than the bar is wide, which allows the bars to be changed or moved up and down, so as to be adjusted to any-sized cur-

tain. The cross-bars are also provided with holes, so that the distance between the uprights may be changed to accommodate itself to any width of curtain. The cross-bars *B B* are made in transverse sections and secured together by means of a metallic joint, *C*. This joint is also made in sections, one of which is secured rigidly to one section of the bar and the other part of the joint to the other section of the bar. One section of the coupling or joint is made with a tongue, *D*, about one-third of the width of the coupling, which is made to fit into a corresponding slot made in the other section of the coupling. At the inner end of this tongue *D*, is a hook, *G*, made in form as shown in Fig. III. The slot bifurcates the metal plate which forms one section of the coupling, and on each end of the prongs *I I* are similar hooks to that of *G*, all being arranged so as to form a seat for the key *J*, which holds securely together each section of the bar *B*. On the uprights and cross-bars are placed four rows of small hooks, *o o*, longitudinally with both uprights and cross-bars, so that four curtains may be placed upon the apparatus and dried at the same time and still be clear of each other.

The advantages of my invention are apparent, from the fact that such an apparatus has long been needed, especially in hotels and large boarding as well as private houses, where lace curtains frequently have to be done up; some suitable apparatus is required for the purpose, the difficulty being that they would shrink out of shape and be wrinkled. Another advantage of my apparatus is, that it can be adjusted to any-sized curtain, and can be readily taken apart and put together again.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

A drying-frame composed of the adjustable bars *A B*, the latter provided with coupling-plates *C* and keys *J*, substantially as set forth.

LAWRENCE NOLAN.

Witnesses:

CHAS. ROGERS,
JAMES WILSON.