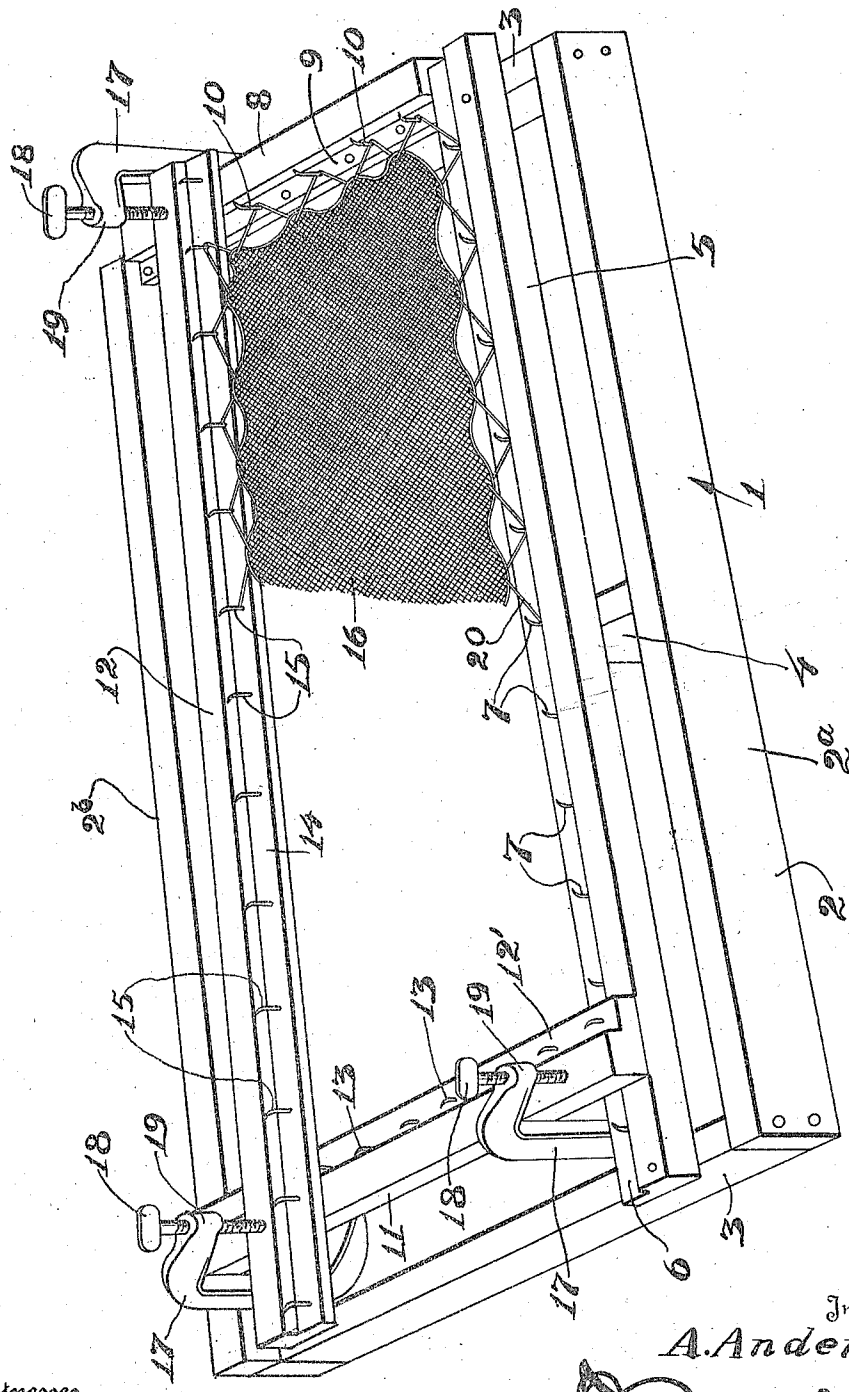
A. ANDERSON.

CURTAIN STRETCHER.

APPLICATION FILED JAN. 27, 1915.

1,233,636. Patented July 17, 1917.



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UNITED STATES PATENT OFFICE.

ARTHUR ANDERSON, OF OAKLAND, CALIFORNIA.

CURTAIN-STRETCHER.

1,233,636. Specification of Letters Patent. Patented July 17, 1917.

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To all whom it may concern:

Be it known that I, ARTHUR ANDERSON, a citizen of the United States, residing at Fruitvale, Oakland, in the county of Alameda and State of California, have invented certain new and useful Improvements in Curtain-Stretchers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to curtain stretchers, and the primary object of the invention is to provide a curtain stretcher by means of which a lace curtain or other foraminous fabrics may be efficiently stretched for drying without the liability of tearing the curtain.

Another object of this invention is to provide a lace curtain stretcher which embodies a frame composed of a plurality of detachable bars, having hooks arranged along their marginal edges, to run a string or cord through the edges of the curtain to be stretched, and attach the cord to the bar carried hooks.

With the foregoing and other objects in view this invention consists in such novel features of construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawings and claimed.

In describing the invention in detail, reference will be had to the accompanying drawing, which is a perspective view of the improved curtain stretcher, showing a fragment of a curtain attached thereto.

Referring more particularly to the drawing, 1 designates a supporting frame of the curtain stretcher, which is composed of a plurality of substantially rectangular bars 2 and 3 which are connected to each other at their ends for forming a rectangular frame. The side rail or strip 2^a of the rectangular frame 1 has a block 4 secured to the inner side thereof substantially equi-distant of its ends and extending transversely therefrom. A side strip 5 of the stretcher frame proper rests upon the upper edge of the block 4 and has its ends secured to the upper edges of the end strips 3 on the rectangular frame 1. The side strip 5 has its upper surface cut away at its inner edge, as is clearly shown at 6 in the drawing. The cutaway portion of the strip 5 has secured thereto at spaced intervals along the length of the strip, hooks 7, the purpose of which will be hereinafter more fully described.

An end strip 8 of the curtain stretcher frame proper is secured to the upper surface of one of the end strips 3 of the frame 1, and has one end thereof engaging the inner edge of the strip 5, while the other end engages the inner surface of the side strip 2^b of the frame 1. The side strip 2^b has an extension strip secured to its upper edge which extends throughout the entire length of the side strip and projects above the upper edge of the end strips or pieces 3 of the frame 1.

The end strips 8 of the curtain stretching frame proper has the forward section of its upper face cut away, as is shown at 9. The cutaway portions of the end strips 8 have a plurality of hooks 10 secured thereto and extending upwardly therefrom.

The curtain stretching frame proper is composed of the side strip 5, the end strip 8, both of which are securely attached to the supporting frame 1, the end strip 11 and the side strip 12. The end strip 11 is free from attachment to any section of the frame 1, and it has the forward section of its upper edge cut away, as is shown at 12′, and provided with a plurality of hooks 13 secured thereto and extending upwardly therefrom. The hooks 13 are arranged in spaced relation with each other along the length of the end strip 11.

The side strip 12 is also free from attachment to any part of the supporting frame 1, and it has the forward section of its upper edge cut away, as is shown at 14. The forward cutaway portion 14 of the side strip 12 has a plurality of upstanding hooks 15 secured thereto at spaced intervals along the length thereof, as is clearly shown in the drawing.

The strips 11 and 12 are held in proper position for efficiently stretching a curtain, as is indicated at 16 in the drawing, by means of clamps 17, which clamps are of the ordinary type of wood clamp having thumb screws 18 carried thereby, for adjustment in internally screw threaded collars 19, for securely holding the strips clamped to each other and to the end and side strips 8 and 5 respectively.

When it is desired to stretch a curtain or the like, a cord indicated at 20 in the drawings, is passed through the marginal edges of the curtain, at spaced intervals therealong, as is clearly shown by reference to

the drawings. The cord is then passed about the hooks 7, 10, 15 and 16 respectively, which attaches the curtain to the curtain stretching frame. After the curtain 16 has been properly attached to the curtain stretching frame, the strips 11 and 12 are adjusted for properly stretching the curtain, and they are clamped together and to the end strip 8 and the side strip 5. The side strip 12 has one end clamped to the end strip 8, and the other end clamped to one end of the strip 11, which connects the strips 12 and 11. The strip 11 has its end opposite to the one which is clamped to the strip 12, clamped to the permanent side strip 5, which securely holds the curtain stretching frame proper in the adjusted position for efficiently stretching a curtain.

The cord 20, which is passed through the margin of the curtain, is attached alternately to a hook, and then passed through a section of the margin of the curtain, as is clearly shown by reference to the drawing, thereby providing a connection of the cord alternately with the curtain and with the hook of the curtain stretching frame. The thread or cord 20 is passed through the margin or scallops of the curtain before the latter is washed and firmly tied at its ends. For removing the curtain from the curtain stretching frame, the cord 20 is cut at various distances around the edges of the curtain, and thus the curtain is easily removed from the stretcher.

In reducing the invention to practice certain minor features of construction, combination and arrangement of parts may necessitate alterations, to which the patentee is entitled provided such alterations are comprehended within the scope of what is claimed.

What is claimed is:—

A curtain stretcher comprising a supporting frame including side and end rails substantially rectangular in cross section, a curtain stretching frame adjustably supported upon the upper side of the main frame and comprising side and end rails, one of said side rails of the curtain supporting frame being rigidly secured by its opposite ends to the end rails of the supporting frame, one of the end rails of the curtain supporting frame being rigidly secured to the upper side of one of the end rails of the supporting frame and abutting the inner face of one of the side rails of the curtain stretching frame, the opposite side rail and other end rail of the curtain stretching frame being adjustably mounted upon the supporting frame and movable toward and from said rigid side and end rails of the curtain stretching frame to compensate for the securing of curtains of various sizes upon the curtain stretching frame, a plurality of clamps arranged to be secured to the movable side and end rail of the curtain stretching frame for adjusting the same in various positions upon the supporting frame, said supporting frame holding the curtain stretching frame at a predetermined point from the ground and eliminating placing the curtain stretching frame upon an auxiliary support, the upper face and inner edges of the end and side rails of the curtain stretching frame being cut away to provide horizontal shoulders and a plurality of hooks arranged on said shoulders at a relatively spaced distance apart, which shoulders permit the curtain to be secured thereto.

In testimony whereof I affix my signature in presence of two witnesses.

ARTHUR ANDERSON.

Witnesses:
O. P. LAWRENCE,
ELLIS NELSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."