

H. F. MARSH.  
 Frame for Drying Curtains.

No. 211,032.

Patented Dec. 17, 1878.

Fig: 1.

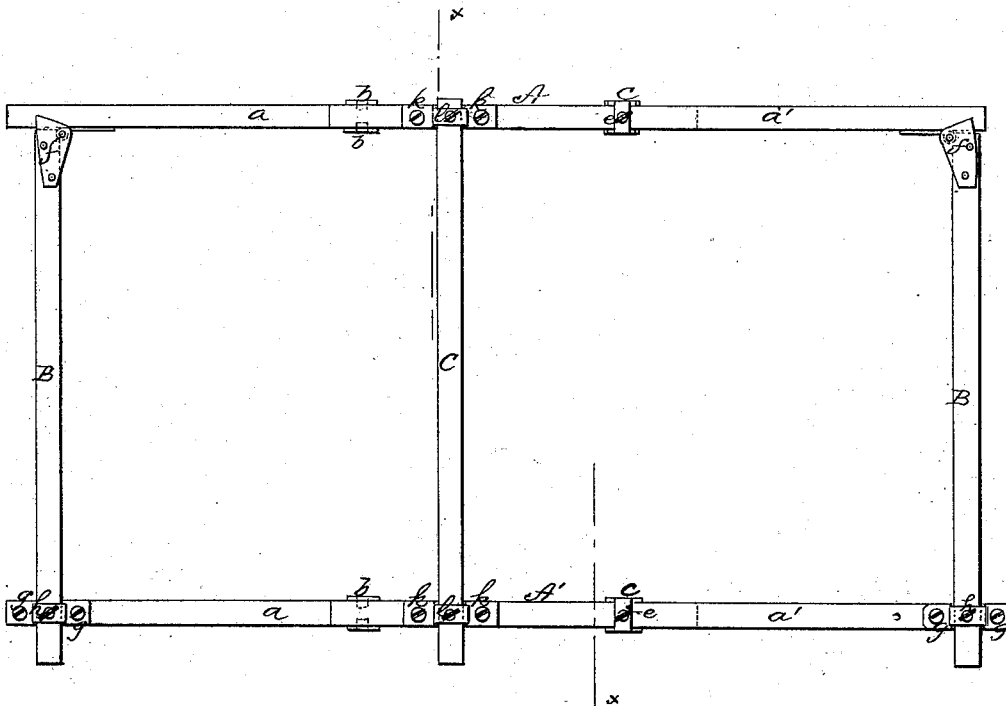


Fig: 2.

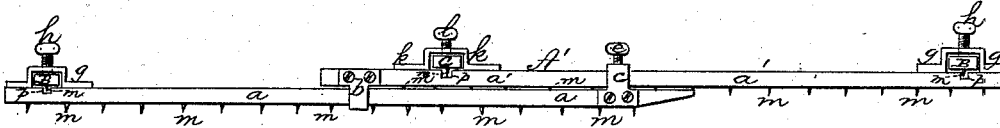
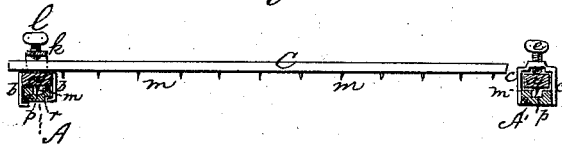


Fig: 3.



Witnesses:  
 Chas. Nida  
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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN FRAMES FOR DRYING CURTAINS.

Specification forming part of Letters Patent No. **211,032**, dated December 17, 1878; application filed October 5, 1878.

*To all whom it may concern:*

Be it known that I, HENRY F. MARSH, of the city, county, and State of New York, have invented a new and Improved Frame for Drying Curtains; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making part of this specification.

This invention is in the nature of an improvement in frames for drying curtains, &c.; and the invention consists in a frame for drying curtains, constructed with two telescopic or sliding jointed sides with set-screws and grooves and countersunk clamps, one of the sides having affixed to it, at right angles, hinged adjustable bars forming the ends of the frame, the frame being provided with an independent adjustable cross-bar forming a brace, and also constituting an additional support for the curtains, &c., and the whole frame being provided on one side with pins, substantially as is hereinafter more particularly described.

In the accompanying sheet of drawings, Figure 1 is a plan or top view of under side of my frame; Fig. 2, a side view; and Fig. 3, a cross-section in line *x x*, Fig. 1, showing grooves for pins and rabbet for clamp.

Similar letters of reference indicate like parts in the several figures.

A A' represent the sides of my frame. These sides are each constructed in two parts, *a a'*, united together by clamps *b* and by clamps *c*, so that the one portion or part, *a'*, of the sides will slide telescopically on the other portion, *a*, the length of the sides being thereby reduced, elongated, or rendered adjustable to any extent desired, the clamps *c* being provided with set-screws *e*, which hold the two parts *a a'* of the sides in the position to which they may be adjusted. To the ends of the side A are secured, by hinged joints *f*, the ends B B of the frame. The hinge-joints enable the ends B to lie parallel with the side A, or to assume a position at right angles to the same, as shown in Fig. 1, and when in the right-angular position they may be affixed to the side bar, A', by clamps *g g*, having set-screws *h h*; also, to the side bars, A A', are fixed clamps *k k*. Into these clamps may be inserted a cross-bar, C,

and held in position within the clamps by set-screws *l*.

Into the upper surface of the side bars, A A', and end bars, B, and cross-bar C, are inserted pins *m*, projecting somewhat from the surface of the respective bars. In the upper sides of the parts *a a'* of the side bars, A A', are formed grooves *p p*, which will enable the pins *m* in the parts *a* of the side bars, and also the pins on the end pieces, B, to be received within said grooves, and thus offer no obstacle to the free sliding of the part *a'* upon the part *a*, and of the end pieces, B, upon the side bar, A', when they are adjusted upon each other. The upper surface of the part *a'* of each of the side bars, A A', also has a small groove, *p*, cut across it to receive the pins *m* of the cross-bar C. Each of the side bars, A A', has also formed in it a rabbet, *r*, (the drawings show a rabbet in the side bar, A, only in the section Fig. 3,) which enables the clamp *b* to be countersunk below the surface of the bar, so that the frame may be adjusted without danger from the curtain catching on the clamp and being torn.

Now, my drying and stretching frame being constructed as I have described, it is operated as follows: The curtain, &c., to be dried and stretched, after it is washed, and while it is still wet, is carefully placed with its edges on the pins *m* of the frame, the frame having been adjusted to fit the size of the curtain lengthwise by sliding the side bars, A A', to the proper length, and holding them in that position by the set-screws *e e*, and the width of the frame made to correspond with the width of the curtain by adjusting the end pieces, B B, in the clamps *g g* of the side bar, A', in which position they are kept by the set-screws *h h*, these adjustments resulting in stretching the curtain tightly, so that when it dries it will be smooth and with straight edges.

In the event of stretching a particularly long and heavy curtain, which would tend to bend the side bars, A A', by its weight, and to act as a brace to keep the frame stiff, I provide a cross-bar, C, before mentioned, which is, when the frame is extended full length, inserted in the clamps *k k* on each of the side bars, A A', and held firmly in that position by the set-screws *l*. It will then, as is seen, form a brace which supports the sides and supports the cur-

tain to keep it from "bellying." This cross-bar C also has another purpose: For drying curtains of small size it is inserted in one of the clamps *k k*, held fast by its set-screw *l*, and then, as the side bars, A A', are slid together, it forms a support for the side or end of a smaller curtain than could be without it dried and stretched on the frame.

When the frame is not in use the end bars, B B, are, by means of the hinges *f*, laid parallel with the side bars, A A', so that all the parts may lie parallel and together, and take up but little room when not in use.

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

1. A frame for drying curtains, &c., constructed with telescopic side bars, A A', with clamps *b c g k* and set-screws *e h l*, and hinged end bars, B B, the said bars A A' and B B being provided with pins *m*, and with an independent adjustable cross-bar, C, substantially as and for the purpose described.

2. In a curtain-drying frame, the adjustable side bars, A A', constructed with grooves *p p*, to receive the pins *m*, and also a rabbet, *r*, within which the clamp *b* is received and slides, substantially as and for the purpose described.

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