(No Model.)

C. C. KERR.

Curtain Fixtures.

No. 231,817. Patented Aug. 31, 1880.

Fig. 1.

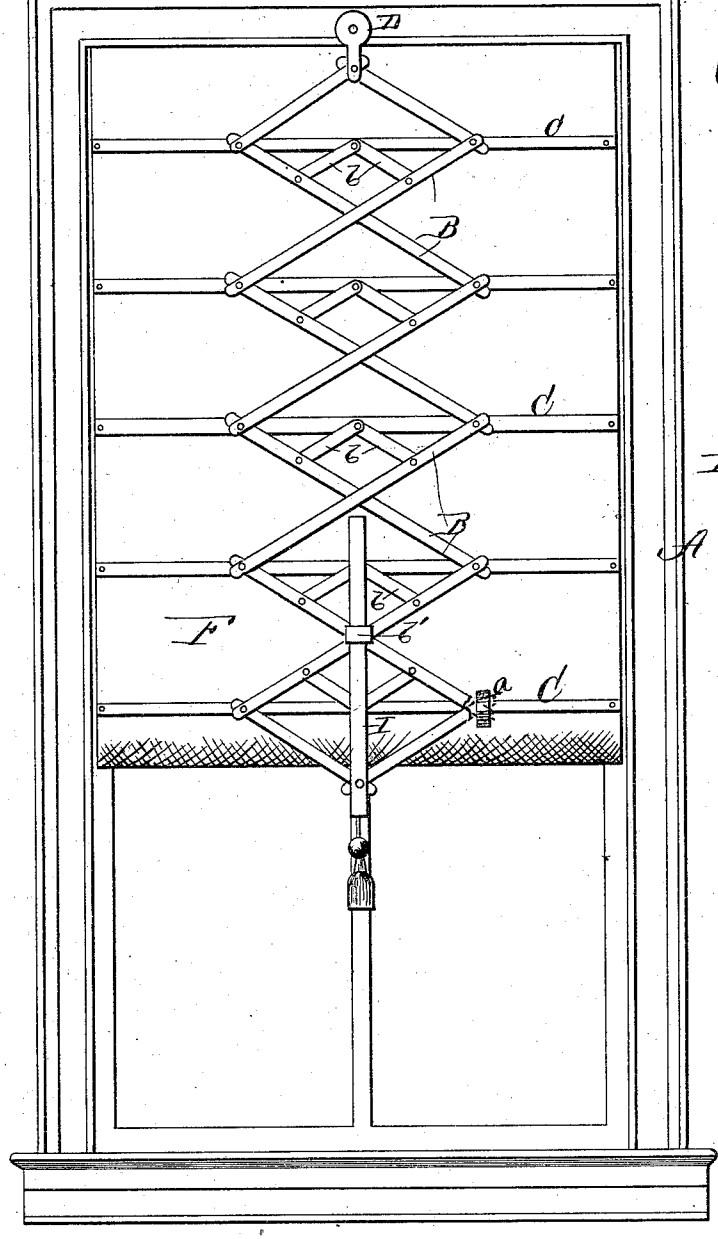
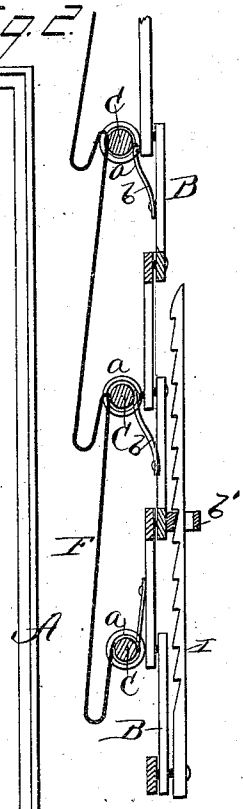


Fig. 2.



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UNITED STATES PATENT OFFICE.

CHRISTOPHER C. KERR, OF SPRINGFIELD, MISSOURI.

CURTAIN-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 231,817, dated August 31, 1880.

Application filed April 6, 1880. (No model.)

To all whom it may concern:

Be it known that I, CHRISTOPHER C. KERR, of Springfield, in the county of Greene and State of Missouri, have invented certain new and useful Improvements in Extension-Frames for Window-Shade Carriers; 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, which form part of this specification.

The nature of my invention consists in the construction and arrangement of a curtain-frame and carrier, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a view of a window with my curtain frame or carrier and curtain applied thereto. Fig. 2 is a vertical cross-section of the same.

A represents a window-frame of any construction. B is a light frame-work, made on the lazy-tong principle, and having its horizontal bars C of the proper length for the width of the window, the said horizontal bars passing through loops *a a*, as shown, and connected by additional pivoted braces *b b* to the lazy-tong frame. At the top of the lazy-tong frame-work A is a hanger, D, by means of which the frame-work is suspended from the top of the window-frame.

F represents the curtain, which is fastened by a stitch or two to each end and in the center of each horizontal bar C, at proper intervals, so that when the frame-work is closed the curtain will hang in folds, as represented in Fig. 2.

At the lowest joint of the lazy-tong frame is pivoted a toothed bar, I, which passes upward through a loop or guide, *b'*, and by means of which the frame may be held more or less extended, as desired, by one or more of the teeth of the bar I catching on some part of the frame-work.

With my invention in hanging curtains it is only necessary to drive a single nail or hook for hanging the frame to, and the frame and curtain can be removed in an instant when desired, and when it is raised the loops *a a*, secured behind the pivot-points of the bars B B, will hold the horizontal bars C in the proper position, and the curtain be regularly gathered in folds.

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

1. A curtain frame or carrier consisting of a lazy-tong frame with a series of horizontal bars, to which the curtain is attached at proper intervals, and adapted to be contracted or expanded and held in any desired position by means of a toothed bar or its equivalent, substantially as herein set forth.

2. The combination of the lazy-tong frame-work B, loops *a*, horizontal bars C, and braces *b* with a curtain, F, substantially as and for the purposes herein set forth.

3. The toothed bar I and guide *b'*, in combination with the lazy-tong frame B, bars C, and curtain F, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

C. C. KERR.

Witnesses:
T. N. HARPER,
R. R. GEDRICK.