

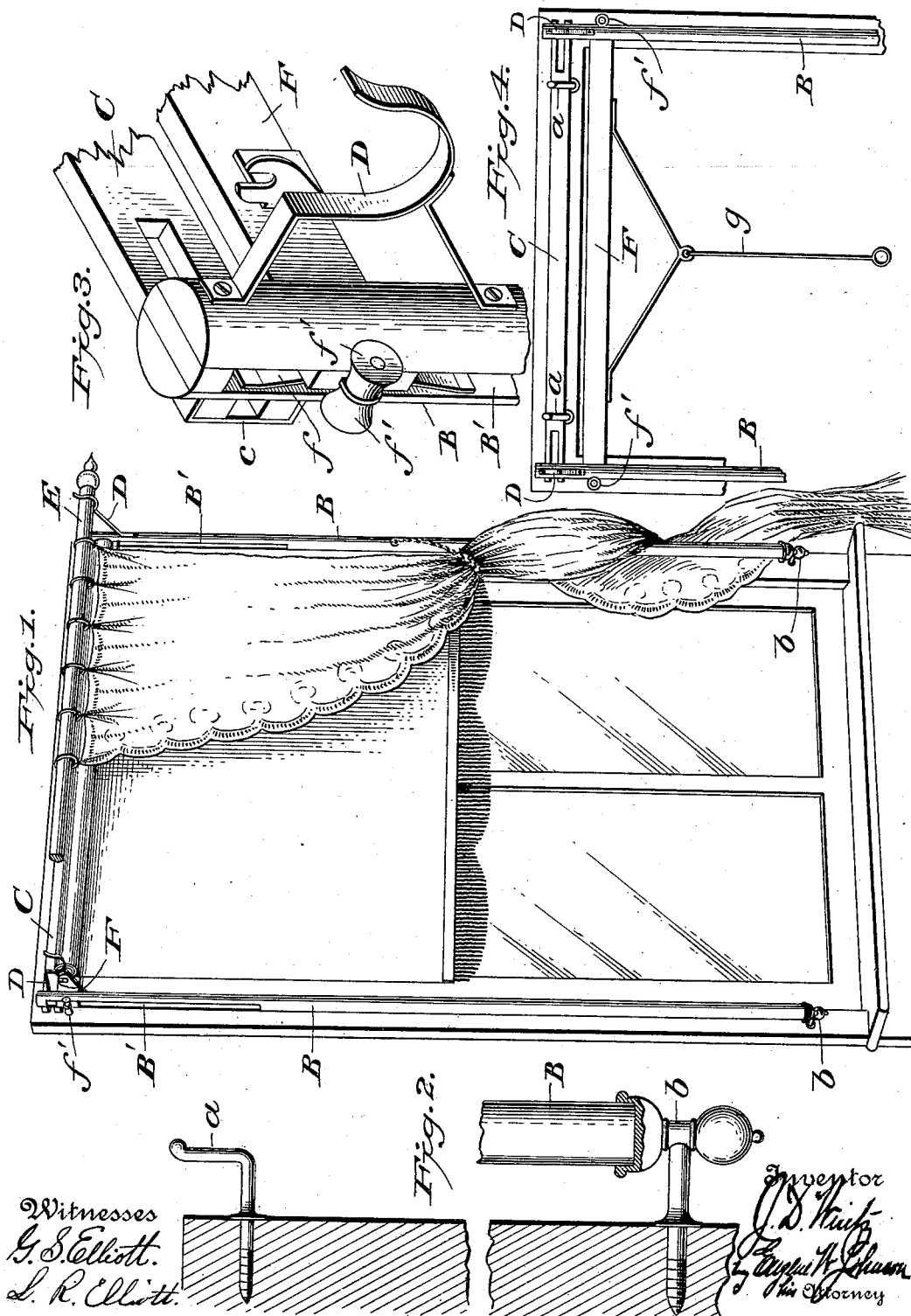
No. 647,738.

Patented Apr. 17, 1900.

J. D. WINTZ.
CURTAIN AND SHADE FIXTURE.

(Application filed Jan. 23, 1900.)

(No Model.)



UNITED STATES PATENT OFFICE.

JEFFERSON DAVIS WINTZ, OF NEW ORLEANS, LOUISIANA, ASSIGNOR OF
ONE-HALF TO DAVID G. BALDWIN, OF SAME PLACE.

CURTAIN AND SHADE FIXTURE.

SPECIFICATION forming part of Letters Patent No. 647,738, dated April 17, 1900.

Application filed January 23, 1900. Serial No. 2,529. (No model.)

To all whom it may concern:

Be it known that I, JEFFERSON DAVIS WINTZ, a citizen of the United States, residing at New Orleans, in the parish of Orleans and State of Louisiana, have invented new and useful Improvements in Curtain and Shade Fixtures, of which the following is a specification.

This invention relates to improvements in curtain-fixtures, the object of the invention being to provide an adjustable curtain and shade support which can be bodily removed from the window-frame when desired and which can be readily applied, whereby means are provided for removing the curtain and shade when desired without disarranging the adjustments.

My invention consists in the construction and arrangement of the parts, as will be hereinafter set forth.

In the accompanying drawings, Figure 1 is a perspective view showing the improvement applied to a window-frame, one of the curtains being removed, so as not to interfere with the illustration of the parts behind the same. Fig. 2 is a side elevation showing one of the hooks and brackets applied to a window-frame. Fig. 3 is a perspective view showing the upper end of one of the side poles and the means for supporting the window-shade, and Fig. 4 is a front elevation of the upper part of the fixture.

In cases where my invention is to be applied I secure in the upper transverse portion of the window-frame a pair of hooks *a* and at a suitable distance above the sill of the window to the side pieces of the frame supporting-brackets *b*, each having cup-shaped portions for the reception of the lower ends of the vertical poles of the fixture. These parts *a b* are the only ones that are permanently attached to the frame of the window.

Two side poles *B B* are provided, and the upper ends of said poles are provided with slots *B'*, which extend a suitable distance from their upper ends—say about two feet six inches—and in fitting the poles they are cut off at their lower ends, said ends fitting into the cups of the brackets *b*. To the rear portion of the upper ends of the poles *B B*

are secured clamps *c c*, which are adapted to receive the furcated ends of a back board or cross-piece *C*, and this board or cross-piece is of a greater length than the width of an ordinary window-frame, so that it may be cut to suit the width of the window to which it is to be applied, and the ends are passed between the side poles, the clamp *c* being made fast to the latter, so that the cross-piece will be held in rigid engagement with the side poles. To the front upper end of the side poles are secured brackets *D D* of the ordinary type, which support the curtain-pole *E*.

F refers to a cross-piece or sliding shade-board which is of sufficient length to pass well into the slots *B'*, and this shade-board carries springs *f*, which are adapted to hold the parts in frictional contact with each other and with end rollers *f'*, which are adapted to engage with the side poles, so as to prevent the shade-board getting out of horizontal alinement. The shade-board carries the usual fixtures or brackets with which the studs of the shade-roller engage, and the sliding shade-board may be provided with depending means, as a rod *g*, for raising and lowering the shade-board and shade carried thereby. This bar *g* may be of any suitable configuration and, if desirable, may terminate in a handle.

By the construction shown the parts may be readily fitted to a window-frame, and in adjusting the sliding shade-board one end of the same can be cut off and the staple removed and then replaced in the shade-board, so as to bear upon the side poles adjacent to the sides of the slot. In practice the side poles and brackets *b* may be ornamented, and the loops for the curtain are carried by these side poles. Preferably the side poles are of a smaller diameter than the curtain-pole, and said curtain-pole may be ornamented to correspond with the side poles and together will give the frame of the window a very ornamental appearance.

Supposing the fixture to be in place and occasion should arise where it is desirable to remove the curtain and shade from the window-frame, it is only necessary to raise the side poles to such a height that the back board or cross-piece will clear the hooks *a*. When

this is done, the entire fixture can be removed and carries with it the curtain and shade. When the curtain-fixture is in place and it is desired to ventilate the room, the shade-roller support can be drawn down, so as to be near the lower portion of the slot.

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

1. In combination with a window-frame having suspension-hooks near its top and brackets near its bottom, of a pair of slotted side poles each having curtain-pole supports or brackets attached thereto, a cross-bar connected to the rear of the upper ends of the side poles for engagement with the suspension-hooks, a cross-piece the ends thereof engaging the side walls of the slots through the side poles, the cross-bar having brackets to support a shade-roller, substantially as shown.
2. In combination with a window-frame having permanently attached thereto suspension-hooks and restraining-brackets, of a curtain-fixture having a cross-piece for engagement with the suspension-hooks, and side poles the lower ends of which engage with the restraining-brackets, means for supporting a curtain-pole and a shade-roller, said supporting means being attached to the side poles, substantially as shown.
3. In combination with a window-frame having permanently attached thereto suspension-hooks and restraining-brackets, of a pair of side poles, a cross-bar attached to the rear upper ends of said poles, a pair of curtain-pole-supporting brackets attached to the front upper ends of the side poles, a cross-piece having brackets for the support of a shade-roller said cross-piece being carried by the side poles and positioned out of line vertically with the rear cross-bar, substantially as shown, whereby the vertical portions of the suspension-hooks may pass between the cross-bars.
4. The herein-described means for supporting window-shades consisting of a frame made up of side poles, a cross-bar attached to the upper ends of the poles, a cross-bar with shade-roller-supporting brackets maintained in advance of the first-mentioned cross-bar; together with suspension-hooks attached to the window-frame for engagement with one of

the cross-bars and restraining-brackets near the lower portion of the window-frame with which the side poles engage when the cross-bar is engaged by the suspension-hooks, substantially as shown.

5. The herein-described means for supporting window shades and curtains, consisting of vertical side poles and a cross-piece secured to the side poles, a cross-piece held in frictional contact with the side poles and provided with means for attaching thereto a shade-roller; together with supporting means attached to the top and sides of the window-frame, substantially as shown and for the purpose set forth.

6. The herein-described means for supporting curtains comprising a pair of side poles provided with vertical slots, a cross-bar attached to the upper ends of said poles at their backs, brackets for supporting a curtain-pole rigidly attached to the side poles to project outwardly therefrom, a cross-bar for engagement with said slots, the cross-bar having friction devices and end rollers, substantially as shown and for the purpose set forth.

7. In a curtain-fixture, a window-frame having hooks for suspending therefrom means for supporting curtains and a shade, the supporting means consisting of a pair of slotted side poles, a cross-bar connected to the rear upper ends of the side poles said cross-bar being adapted to be placed in engagement with the hooks of the window-frame, curtain-pole-supporting brackets attached to the upper front ends of the side poles, a cross-bar with brackets for the support of a shade-roller, friction devices attached to said cross-bar to engage one of the walls of the slots in the side poles to force the cross-bar in engagement with the opposite wall of the slot, and means attached to the cross-bar to depend therefrom for adjusting vertically the cross-bar and shade carried thereby, substantially as shown.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JEFFERSON DAVIS WINTZ.

Witnesses:

FRANK SOULÉ,
RUFUS E. FOSTER.