

No. 614,844.

Patented Nov. 29, 1898.

B. DALLIN.

ADJUSTABLE SHADE OR CURTAIN SUPPORT.

(Application filed Mar. 25, 1897.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 1.

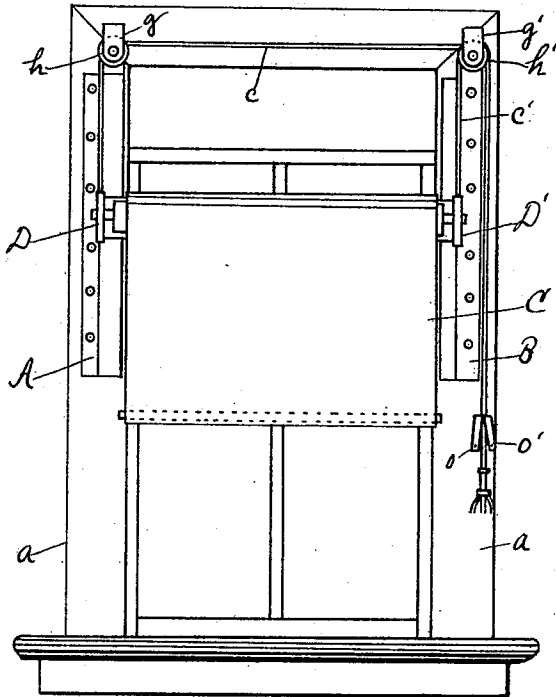


Fig. 2.



Fig. 3.

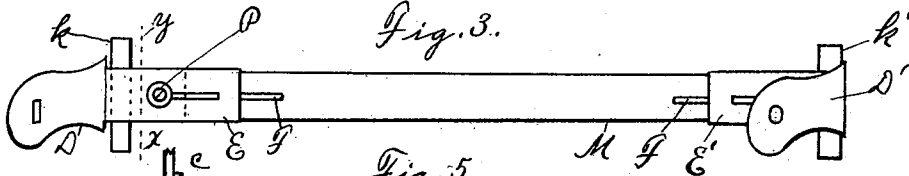


Fig. 5.

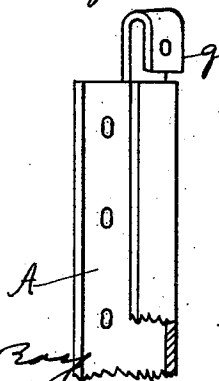


Fig. 6.

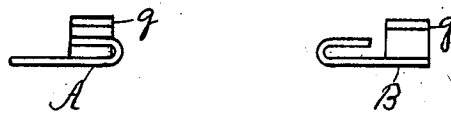
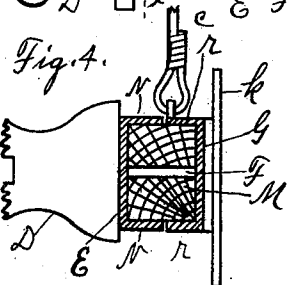


Fig. 7.



Fig. 4.



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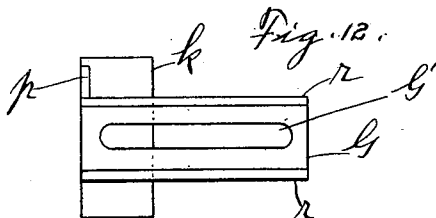
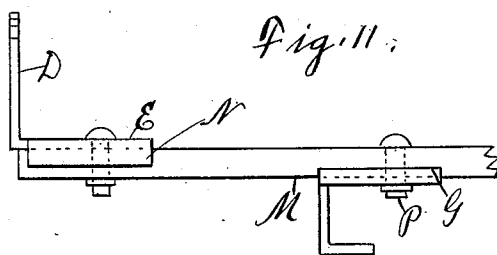
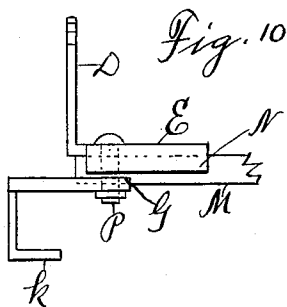
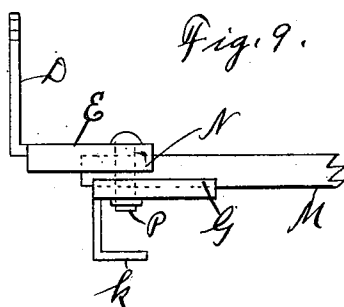
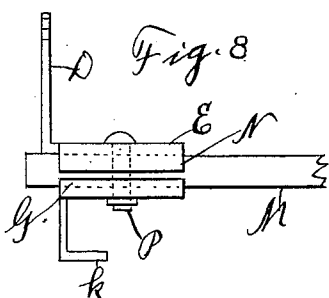
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(No Model.)

2 Sheets—Sheet 2.



Witnesses:-
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UNITED STATES PATENT OFFICE.

BRUCE DALLIN, OF FORT WORTH, TEXAS, ASSIGNOR, BY DIRECT AND
MESNE ASSIGNMENTS, TO HERBERT F. JONES AND J. E. S. LEE, OF
SAME PLACE.

ADJUSTABLE SHADE OR CURTAIN SUPPORT.

SPECIFICATION forming part of Letters Patent No. 614,844, dated November 29, 1898.

Application filed March 25, 1897. Serial No. 629,125. (No model.)

To all whom it may concern:

Be it known that I, BRUCE DALLIN, a citizen of the United States, residing at Fort Worth, Texas, have invented Adjustable Shade and
5 Curtain Supports, of which the following is a specification.

My invention relates to the adjustable supports for those classes of shade and curtain rollers in which the shades or curtains are
10 rolled by spring-actuated rollers, the purpose of the adjustment being to permit of the raising and lowering of the rollers to secure circulation of air through the tops of windows.

The object is to construct supports which
15 will not be too expensive to be practical.

The invention consists in the novel construction and arrangement of parts fully described in the specification and illustrated in the drawings.

20 Reference is had to the accompanying drawings.

Figure 1 shows a window to which my invention is applied. Fig. 2 is an end view of a slide, showing a variation in the form. Fig.
25 3 is a perspective view of the brackets and the bar to which they are attached. Fig. 4 is a sectional view through the line *xy* of Fig. 3. Fig. 5 is a broken perspective view of one of the guides. Fig. 6 is an end view
30 of the guides. Fig. 7 is a perspective view of the cord-holder. Figs. 8, 9, and 10 show the brackets and slides at different adjustments. Fig. 11 shows a slide and a bracket attached at different points of adjustment, a separate
35 bolt being used for each adjustment. Fig. 12 is a side elevation of a slide.

Similar characters of reference indicate similar parts throughout the several views.

The invention has a bar M, of wood or
40 metal, having a slot in each end, the slots being indicated by the letter F. This bar is to be made as long as the width of the windows or as long as the width of the widest windows. Brackets D and D' are mounted on bar M.
45 These brackets have bases E and E', provided with slots corresponding to the slots in bar M. The edges of bases E and E' are bent at right angles, forming L's and indicated by N N, to clamp the ends of bar M. The brackets are
50 mounted on the front part of bar M, and slides

for holding the brackets in place are mounted on the back side of this bar. The slides consist of body portions G, having edges *rr* bent at right angles, forming L's to clamp bar M. Each slide has also a base and a stud *p* and
55 a slot G' cut therein.

In the drawings the base on one of the slides is indicated by *k*, and that on the other slide is indicated by *k'*. The slides and the brackets are attached to bar M by means of bolts
60 P, provided with suitable nuts, and by means of slots in the slides and the bar M, and in the bases E and E' of the brackets the slides and brackets can be attached at different adjustments. The slides are adjustable both as to
65 the bar M and to the brackets E and E'. The slides and brackets are attached to bar M, and then the bar is cut off if it is too long.

Guides A and B are attached to the window-frame *aa* for holding the slides in place as
70 the curtain or shade C is being adjusted. These guides are constructed of sheet metal, and each guide has the edge next to the window bent to form a groove for the base on the slide. The right guide differs from the left
75 guide in having the pulley-hanger *g* formed on the body B of the guide instead of forming it on the edge which is bent over to form the groove for the slide. Fig. 5 illustrates the construction of the left guide. The guides
80 are to be nailed to the window-frame, and the pulleys *h* and *h'* are mounted in hangers *g* and *g'*. The cords *c* and *c'* are attached to the slides, as illustrated in Fig. 4. Fig. 2 shows a variation in the slide. The edges of the
85 body portion are doubly bent, and the cord can be clamped between the upper edge and the bar to which the slide is attached.

Fig. 7 illustrates the cord-holder, which is constructed of a single piece of metal and has
90 a hole *e* for the cord and two prongs *oo'*, which are to be nailed to the window-frame. The cord can be clamped by drawing it up in the converging space between prongs *oo'*.

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

1. Adjustable supports for curtain and shade rollers consisting of a bar having a slot in each end, brackets having bases with slots
100

therein in alinement with the slots in said bar, slides having bases, said slides and the bases of said brackets having L's formed on the edges thereof to clamp the ends of said
5 bar, means for clamping said slides and brackets to said bar, guides attached to the window-frame, said guides being constructed of sheet metal and each guide having a groove formed on the edge thereof, the bases of said
10 slides being held in said guides, and means for raising said supports.

2. Adjustable supports for curtain and shade rollers consisting of a bar of any suitable length having a slot in each end, brackets and slides capable of being attached at
15 different points of adjustment on said bar, said brackets being provided with bases having L's formed on the edges thereof, L's formed on the edges of said slides, means
20 for clamping said bases and slides on the ends of said bar, guides for said slides consisting of flat pieces of metal attached to the front facing of a window-frame each having a groove formed on the inner edge and
25 adapted to hold said slides in place, and means for raising and lowering said supports.

3. Supports for curtain and shade rollers consisting of a bar having slots in each end thereof, brackets and slides on said bar and
30 capable of being clamped at different points

of adjustment thereon, guides attached to the front facing of a window-frame and consisting of flat pieces of metal having grooves formed on the inner edges thereof, said slides
35 having bases turned toward the window and working in said grooves, said guides and slides being adapted to hold said bar and brackets close to the window-facing during the upward and downward movement of said
40 brackets, said guides having hangers formed integral with the upper ends thereof, pulleys mounted in said hangers, cords attached to said slides for raising and lowering said supports, and means for holding said cords in
45 place.

4. Adjustable supports for curtain and shade rollers consisting of a bar, brackets and slides mounted on said bar, means for attaching said brackets to said bar at different
50 points of adjustment, guides attached to the window-frame for said slides, said slides being rigidly secured to said bar at any predetermined points of adjustment and having bases adapted to move up and down in said
55 guides, and means for raising and lowering said supports.

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