

No. 627,801.

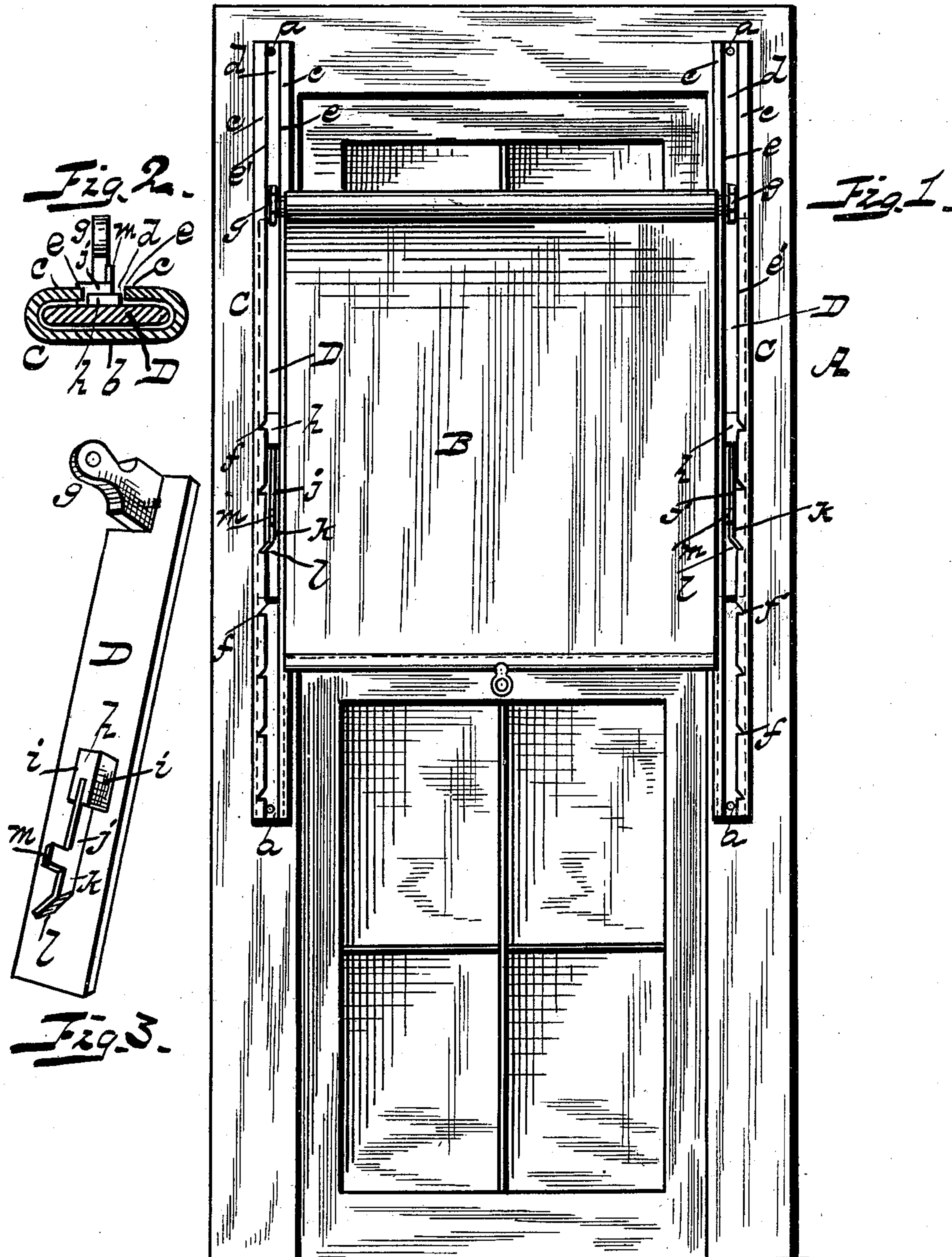
Patented June 27, 1899.

F. P. CASEY.

ADJUSTABLE WINDOW SHADE FIXTURE.

(Application filed Mar. 17, 1899.)

(No Model.)



WITNESSES

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ADJUSTABLE WINDOW-SHADE FIXTURE.

SPECIFICATION forming part of Letters Patent No. 627,801, dated June 27, 1899.

Application filed March 17, 1899. Serial No. 709,528. (No model.)

To all whom it may concern:

Be it known that I, FRANK P. CASEY, a citizen of the United States, residing at Bloomington, in the county of McLean and State of Illinois, have invented certain new and useful Improvements in Window-Shade Fixtures, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention has relation to fixtures for window-shades; and it consists in the novel construction, combination, and arrangement of parts of which it is composed, whereby the shade may be vertically adjusted upon said
15 fixture and retained in the desired position for ventilation or admission of light through the upper part of a window, all as will be hereinafter fully explained, and particularly pointed out in the appended claim.

20 The annexed drawings, to which reference is made, fully illustrate my device, in which—

Figure 1 represents a face view of my device. Fig. 2 is a transverse sectional view of one of the slideways and slide, and Fig. 3 is
25 a perspective view of one of the slides.

Referring by letter to the accompanying drawings, A designates an ordinary window-frame, and B is the shade.

30 C C designate twin slideways, which are arranged vertically upon the window-casing and are secured thereto at the top and bottom, as at *a a*. These slideways comprise the flat back or portion *b*, which rests upon the casing, and upturned and inwardly-projecting flanges *c c*, between which is a channel or vertical slot *d*, the inner edges *e e* of
35 which are parallel to one another, the latter edge being provided with a series of vertical notches *f*, for a purpose presently explained.

40 Within these twin slideways are arranged vertical slide-plates D D, the two plates being constructed alike in every particular and form twin elongated flat slides and which move simultaneously with each other up and down
45 in raising and lowering the shade-roller. At the upper portion of these slides are outwardly-projecting arms or fixtures *g g*, having the usual perforation in one and the open slot in the other for the end bearings of the
50 common roller of the ordinary window-shade now in use. These arms or supporting-fixtures for the roller-shade are formed integral

with the elongated slides, or may consist of a separate piece riveted or otherwise fastened to the slide, and are arranged at right angles thereto, the same projecting through the vertical channel, which is open at each end and in which said arms move vertically. This slide is constructed of flat metal and upon the face of which is secured a lug *h*, having straight smooth sides *i*, which assist in steady-
55 ing the slide-plates in their movements in the slideways. To this lug guide-block on each sliding-plate is secured one end of a spring *j*, the free end *k* of which is curved outward, providing a hook or point *l*, that engages the notches automatically as the slides are moved upward, and the free end is further provided with a thumb-piece or knob *m*, whereby the spring is disengaged from a notch when it is
60 desired to lower the plates carrying the shade-roller. The slides may also be of a variety of forms in cross-section, either round, half-round, oval, or any shape that may be used in connection with the arms or bearings, in
65 which case the slideways and lugs will be made to conform in shape to the slides.

It will thus be observed from the above description, when taken in connection with the annexed drawings, that in raising the shade-roller the two slides move upward simultaneously and within the slideways and the springs clip from notch to notch until the desired height is reached, when the hooked or pointed ends of said springs engage the notches, when the slide-plates will be held
80 firmly in place, thereby retaining the shade and its roller where desired, and in lowering said shade-roller the operator simply disengages the free ends of the springs from the notches, when the shade and its roller can be
85 lowered, the slides falling within the slideways until the desired point is reached, when the spring ends will again engage the notches and hold the slides firmly in position.

95 It will be further observed that my device can be applied to any window without any changes being made in the roller or fixtures previously employed for the shade, as my bracket or right-angular arm of the slide can
100 be adapted to the position of the former old fixtures and the device as herein described may be lowered from the top of the sashes of the window, leaving an opening or space for

ventilation or admission of light, and it is simple in construction, durable, ornamental, as well as inexpensive to manufacture.

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

The herein-described window-shade fixture, comprising the frame, twin slides secured to the frame having upturned and inwardly-projecting flanges forming a vertical channel and provided with notches, vertical sliding plates D, having brackets or arms *g*, formed integral therewith at their lower ends, and lugs *h*, secured upon their faces, a spring *j*, se-

cured to the lug, having its free end curved outwardly to engage the notches in the twin slides, and a thumb-piece or knob *m*, formed upon said spring, whereby the spring is disengaged from the notches, and a roller carrying a shade secured in the brackets, all combined and arranged for joint operation substantially as shown and specified.

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

FRANK P. CASEY.

Witnesses:

JACOB RAPP,
HOMER K. HUSTON.