R. J. STUART.

BLIND-ADJUSTER.

No. 184,556. Patented Nov. 21, 1876.

Fig. 1.

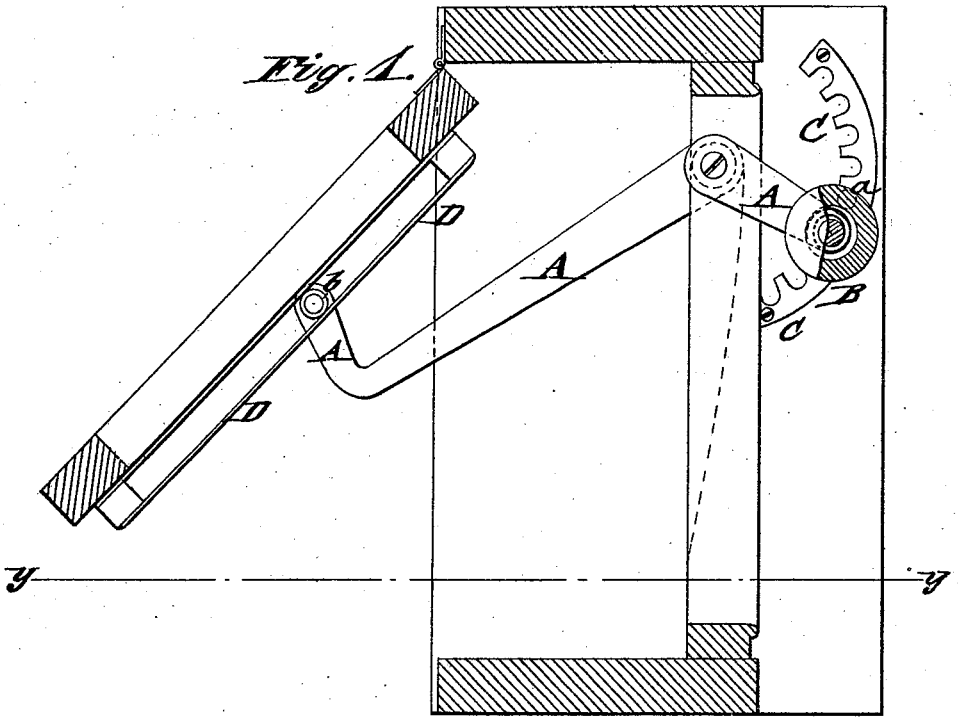
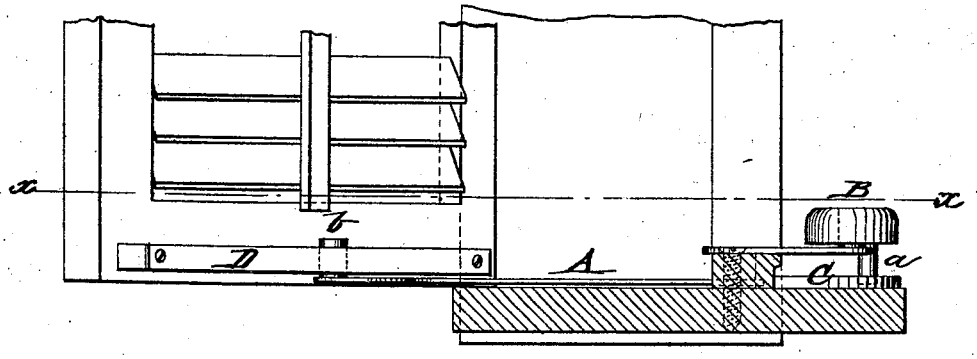


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ROBERT J. STUART, OF YONKERS, NEW YORK.

IMPROVEMENT IN BLIND-ADJUSTERS.

Specification forming part of Letters Patent No. **184,556**, dated November 21, 1876; application filed October 14, 1876.

To all whom it may concern:

Be it known that I, ROBERT J. STUART, of Yonkers, in the county of Westchester and State of New York, have invented a new and Improved Blind-Adjusting Device, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a horizontal section of a window-casing and shutter with my improved adjusting device, taken on line *x x*, Fig. 2; and Fig. 2 is a vertical transverse section of the window-casing on line *y y*, Fig. 1, showing blind-adjuster in side elevation.

Similar letters of reference indicate corresponding parts.

The invention relates to an improved device for adjusting and locking blinds from the inside of the room into any suitable position; and the invention consists of a double elbow-lever, which is pivoted to the window-sill, being adjusted, by a spring-button having an eccentric pin, to an arc-shaped rack, and connected by an outer pin with guide-strips of the blind.

In the drawing, A represents a double or compound elbow-lever, that is fulcrumed, by a screw-pivot, to the window-sill, one part of the elbow-lever extending over the lower guide-strip of the same to the inside of the window, while the other main part swings on the sill and fits into a longitudinal recess of the strip when the blind is closed. The main part of elbow-lever A is bent at nearly a right angle at the outer end, while the inner shorter part extends at an acute angle therefrom, being keyed or otherwise rigidly secured to the perforated pivot part or sleeve. The end of the inner arm of the elbow-lever A is provided with a spring or other button, B, that turns on a center pivot, and locks by an eccentrical downward-projecting pin, *a*, into the notches of an arc-shaped rack, C, secured to the inside of the window-sill. The spring-button C admits the ready release or locking of the elbow-lever A, as required. The outer end of elbow-lever A engages by a projecting pin or anti-friction roller, *b*, the guide-strips D, which are attached at the lower inside part of the blind, being of sufficient width to admit the free motion of pin *b*. By carrying the spring-button to one side or the other, the blind is opened and closed, being locked into any desired position by releasing the button, so that the pin engages the rack. The outer angular part of the elbow-lever and sliding pin admits the entire opening of the blind, as the angular end extends around the outer corner of the window-casing, and furnishes always sufficient leverage for readily operating the shutter and rigidly locking the same. The blinds may, by this attachment, be conveniently set from the inside of the room, and also securely held in position, being readily applied to any blind and sill at comparatively small expense.

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

The combination of a double or compound elbow-lever, fulcrumed to the window-sill, and provided with a locking-button and eccentric pin at the inner end, and a projecting pin at the outer end, with an interior arc-shaped rack and an outer guide attachment of the blind, substantially in the manner and for the purpose set forth.

ROBERT J. STUART.

Witnesses:

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