No. 809,779. PATENTED JAN. 9, 1906.

M. J. COOGAN.

WINDOW BLIND SLAT FASTENER.

APPLICATION FILED MAR. 11, 1905.

Fig. 1.

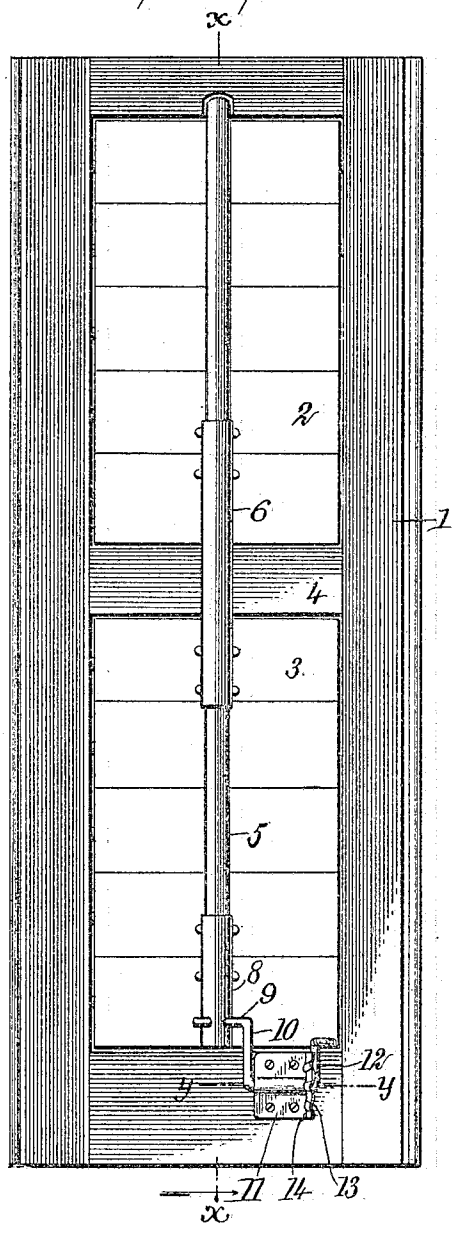


Fig. 2.

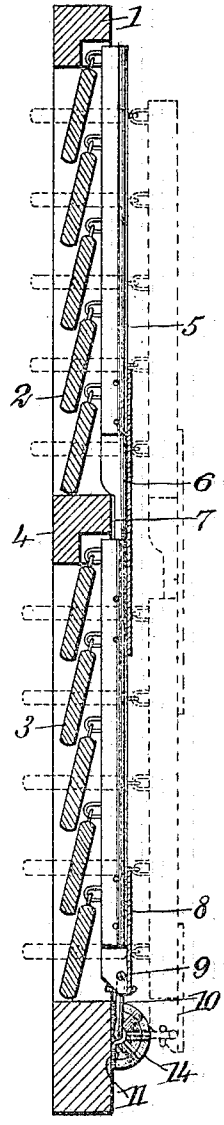
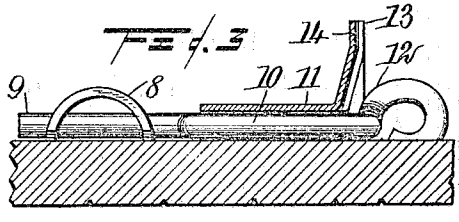


Fig. 3.



WITNESSES:

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MICHAEL J. COOGAN, OF PORT CHESTER, NEW YORK.

WINDOW-BLIND SLAT-FASTENER.

No. 809,779. Specification of Letters Patent. Patented Jan. 9, 1906.

Application filed March 11, 1905. Serial No. 249,667.

To all whom it may concern:

Be it known that I, MICHAEL J. COOGAN, a citizen of the United States, and a resident of Port Chester, in the county of Westchester and State of New York, have invented a new and Improved Window-Blind Slat-Fastener, of which the following is a full, clear, and exact description.

This invention relates to improvements in window-blinds, the object being to provide a simple and novel means whereby the upper and lower sets of slats will be simultaneously operated and locked in closed position or at any desired opening.

I will describe a window-blind slat-fastener embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is an elevation of a window-blind with a fastener embodying my invention. Fig. 2 is a section on the line $x\,x$ of Fig. 1, and Fig. 3 is a section on the line $y\,y$ of Fig. 1.

Referring to the drawings, 1 designates the blind-frame, in which are the usual upper swinging slats 2 and the lower swinging slats 3, the said slats being separated by the parting-strip 4. Having pivotal connection with the upper and lower sets of slats is an operating-bar 5, which, as here shown, consists of two sections connected by a metal plate 6, having a cut-away portion 7 for receiving the parting-strip 4 when the slats are in closed position. Secured to the lower end of the rod 5 is a metal plate 8, pivotally connected to which is a horizontally-disposed member 9 of an angle-lever 10, mounted to swing in a plate 11, secured to the lower end of the sash-frame. This angle-lever 10 is provided with a handle 12, designed to engage in any one of the channels 13, formed at different angles in a resilient plate 14, integral with and extended outward from the bearing-plate 11. As the plate 14 will yield, it is obvious that the handle may be moved along the same to be engaged in any one of the channels.

In the operation when the slats are in closed position the handle 12 will rest in the upper channel 13. By moving the handle downward the slats will be opened any desired degree and will be thus held while the handle is in the channel below the upper one.

While I have indicated the bar 5 as made in two sections connected by a metal plate, it is obvious that the bar may be made continuous; but with the metal plate a greater strength is given to the bar.

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

1. In a window-blind, a bar having pivotal connection with the upper and lower sets of slats, a crank-shaft mounted to swing on the lower end of the blind and having a horizontal portion engaging in said bar, a handle on said crank-shaft, and a spring-yielding plate having channels on its outer face for receiving said handle.

2. In a window-blind, a bar consisting of sections, the upper section being pivotally connected to the upper slats of the blind, while the lower section is pivoted to the lower slats of the blind, a metal plate connecting the sections and having a cut-away portion for receiving the parting-strip of the blind, a plate secured to the lower end of the blind, a crank-shaft mounted to swing in said plate and having pivotal connection with the lower section of said bar, a handle on said shaft, and a spring-yielding plate having channels for receiving said handle.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

MICHAEL J. COOGAN.

Witnesses:

HENRY A. EDDY,

GEO. A. STUDWELL.