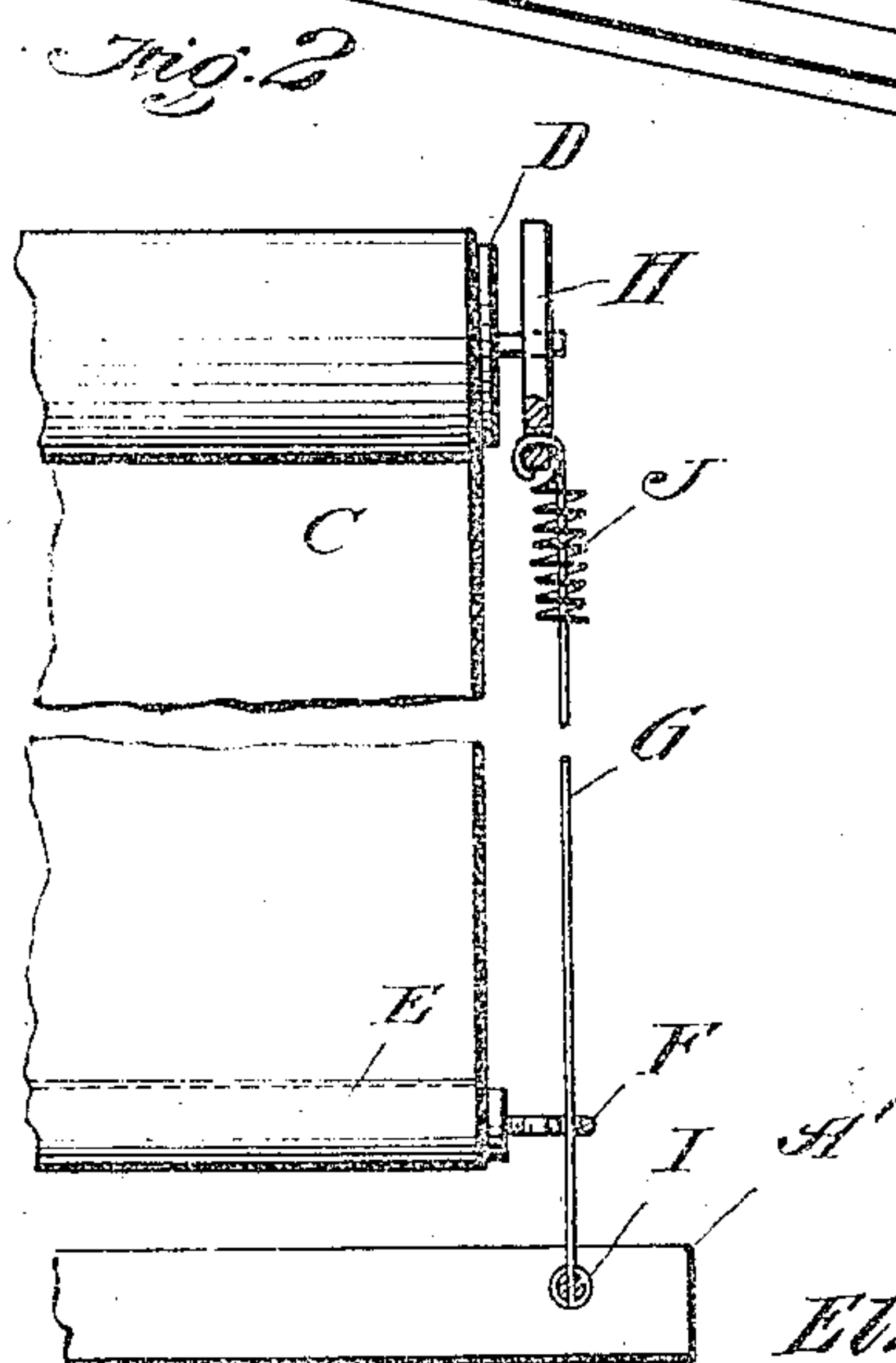
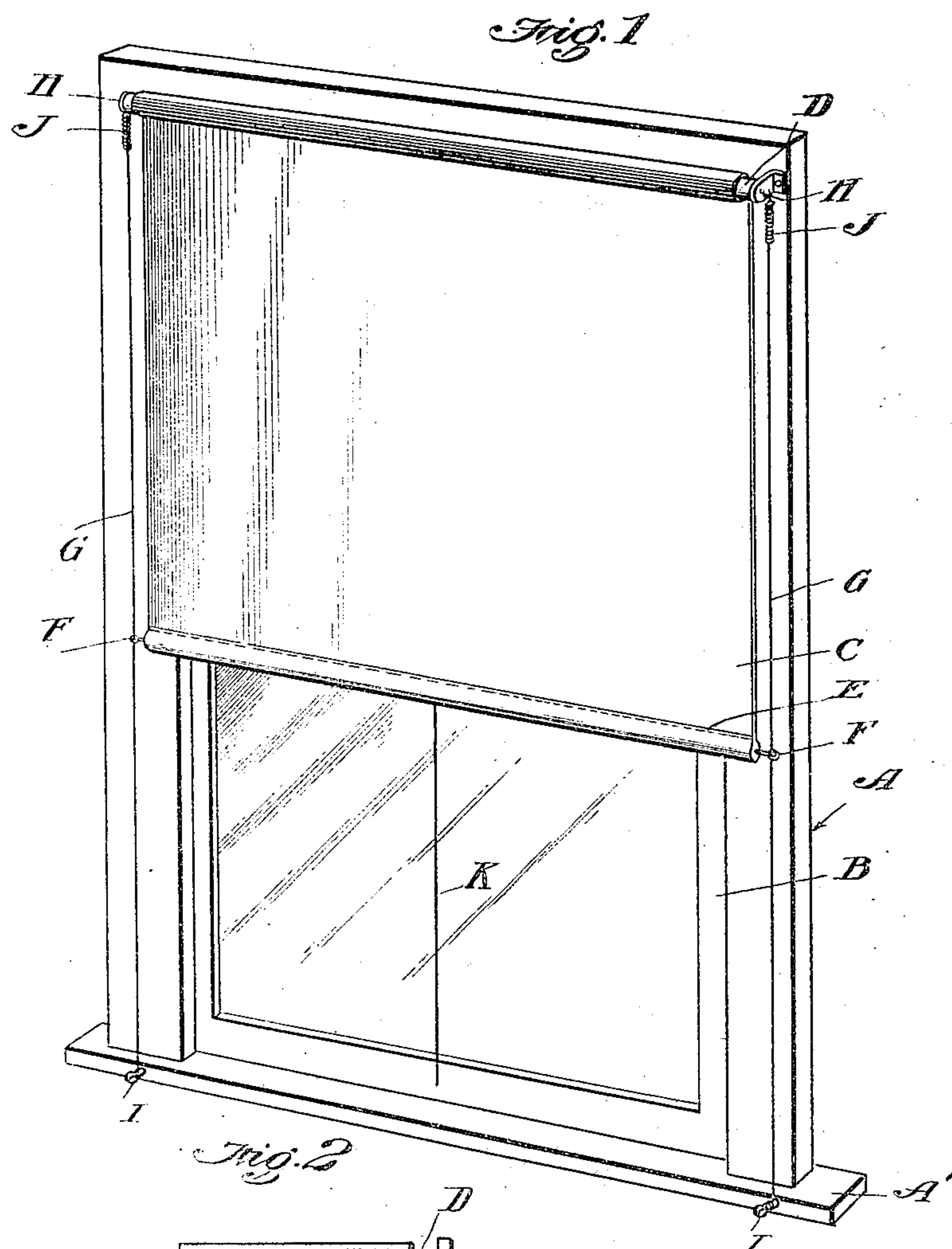


No. 808,242.

PATENTED DEC. 26, 1905.

E. C. JORDAN.
GUIDE FOR WINDOW SHADES.

APPLICATION FILED JULY 6, 1905.



Witnesses

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UNITED STATES PATENT OFFICE.

ELMORE C. JORDAN, OF LOS ANGELES, CALIFORNIA.

GUIDE FOR WINDOW-SHADES.

No. 808,242.

Specification of Letters Patent.

Patented Dec. 26, 1905.

Application filed July 6, 1905. Serial No. 268,544.

To all whom it may concern:

Be it known that I, ELMORE C. JORDAN, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Guides for Window-Shades, of which the following is a specification.

The objects of my invention are to provide simple and reliable means to guide the window-shade in its movements up and down along the frame and to keep it in line with the window-frame and to provide means to tighten the guide-wires used therefor and to prevent the jar occasioned by the sudden stopping of the shade when it is permitted to automatically wind itself up. I accomplish these objects by the means described herein and shown in the accompanying drawings, in which—

Figure 1 is a perspective view of a window-frame and a sash therein, a window-shade thereon with my window-shade guides in place thereon. Fig. 2 is an enlarged fragmentary detail of the different parts.

In the drawings, A is the window-frame, and B is the sash therein.

C is a window-shade adapted to be rolled up on the roller D. This shade has the usual bottom strip E, sewed to the bottom of the shade in the usual manner. Projecting from the strip E at both ends thereof is a screw-eye F, through which the guide-wires G are adapted to pass. These guide-wires are secured at the top to the brackets H and at the bottom to the lower cross-piece A' of the frame by the adjusting-screws I. These screws are provided with an opening there-through for the passage therinto of the guide-wires. In mounting these guide-wires they are first secured at their upper ends to the bracket H and are passed thence downwardly through the spiral spring J, which is also secured to the bracket H, and thence down through the eyelets in the screw-eye F, and thence into the opening in the screw I, where the wires are secured. In lieu of the screw-eyes in the ends of the bottom E, I may let the end of the piece project beyond the shade and place therethrough a vertical opening for the reception and operation of the guide-wires. When both wires are in place, as herein described, the guide-wires are made

taut by turning the adjusting-screw I. This will wind the wires around the screws. It will be seen that these guide-wires will always keep the bottom piece E on the window-shade straight and prevent the shade from being blown out of line by the wind, as well as prevent it from getting out of line when the hand-cord K is released and the window-shade is quickly rolled up on the roller. In the conventional manner of mounting window-shades the window-shade will when pulled slightly downwardly by the hand-cord K and let go quickly roll up the shade with great rapidity, bringing the bottom piece E in contact with the roller, subjecting the shade to liability to be torn immediately above the bottom piece, owing to the sudden manner in which the movement of the shade is stopped. To prevent this injury to the shade, I have provided the coiled spring J, depending downwardly from the brackets H, which will catch the screw-eyes F and form a yielding cushion to stop the movement of the window-shade when the bottom piece gets to the top after the hand-cord has been released.

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

1. Means to guide a window-shade comprising a window-shade having apertures in both ends of the bottom piece thereof, the said openings in the bottom piece disposed beyond the window-shade; guide-wires in said openings secured to a bracket at the top of the window-frame and extending downwardly therefrom through the opening in the ends of the bottom pieces and secured to a screw in the bottom of the window-frame, the said screw in the bottom of the window-frame having an opening therethrough for the reception and engagement of the guide-wires whereby the guide-wires will be tightened upon turning the screws; a spiral spring surrounding each guide-wire and disposed at the top of the guide-wire.

2. The herein-described means to guide a window-shade comprising a window-shade having a bottom piece E at the bottom thereof; a screw-eye F in both ends of said bottom piece; guide-wires G disposed on either side of the window-frame and extending from the top to the bottom thereof, the top being secured to the bracket H and extending down-

wardly therefrom through the screw-eyes F
passing thence into and through an opening
in the screws I, the screws I in the bottom of
the frame having an opening therethrough
5 for thereception of the lower end of the guide-
wire and the spiral springs J surrounding the
guide-wires and disposed at the top thereof.

In witness that I claim the foregoing I have
hereunto subscribed my name this 29th day
of June, 1905.

ELMORE C. JORDAN.

Witnesses:

HENRY T. HAZARD,
MYRTLE A. JONES.