

(No Model.)

F. A. LEAVITT.
AWNING.

No. 470,894.

Patented Mar. 15, 1892.

Fig. 1.

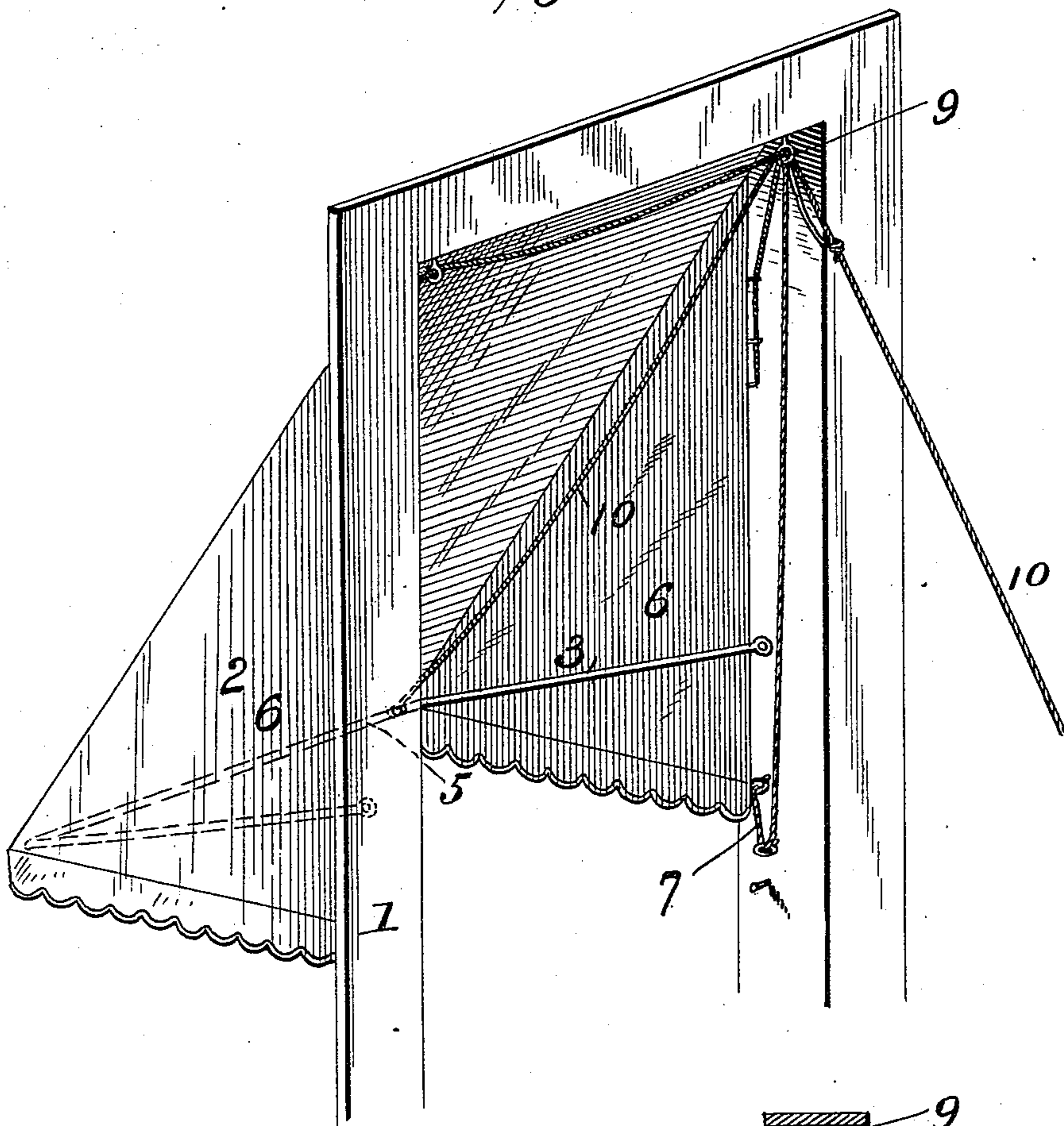
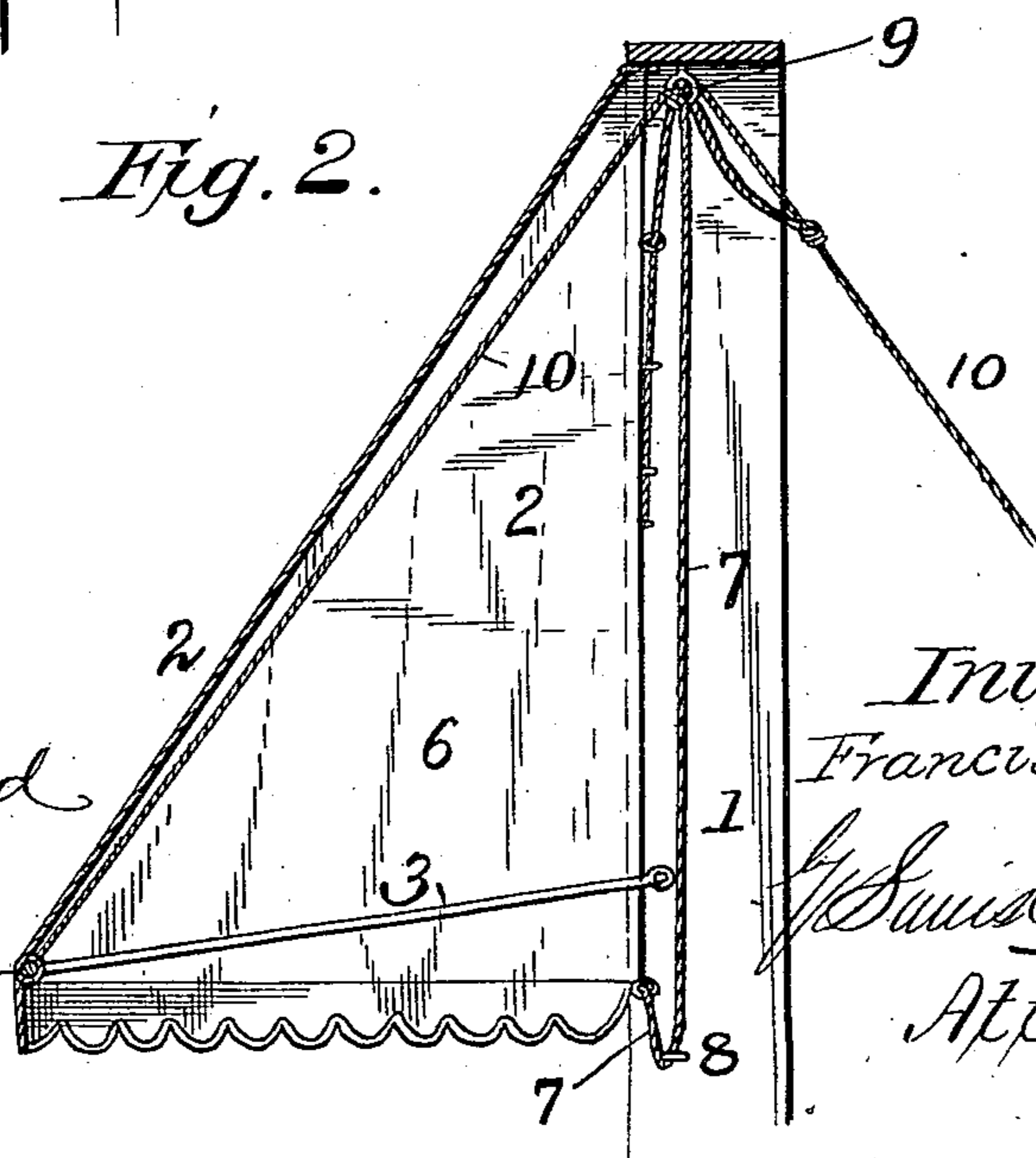


Fig. 2.



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UNITED STATES PATENT OFFICE.

FRANCIS A. LEAVITT, OF PORTLAND, MAINE.

AWNING.

SPECIFICATION forming part of Letters Patent No. 470,894, dated March 15, 1892.

Application filed October 16, 1891. Serial No. 408,951. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS A. LEAVITT, a citizen of the United States, and a resident of Portland, in the county of Cumberland and State of Maine, have invented certain new and useful Improvements in Awnings; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to improvements in awnings, the object being to provide an improved construction of same, whereby superior advantages are obtained with respect to simplicity and economy in construction and efficiency in operation.

The invention consists in the novel construction and combination of parts hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of an awning constructed in accordance with my invention, showing the same applied to a window. Fig. 2 is a sectional view of the same.

In the said drawings, the reference-numeral 1 designates the window-frame, and 2 the awning-cover, which may be of an ordinary or suitable construction.

The numeral 3 denotes a metal rod bent into a U shape, the portion 5 of which is connected with the lower part of the cover 2, while its ends are pivoted to the window-frame.

The awning-cover is of the usual shape and at its upper edge is tacked or otherwise secured to the window-frame. The triangular side pieces 6 of the cover are connected at their lower inner ends with ropes or cords 7,

passing through sheaves 8, secured to the window-frame at a point below the pivotal point of the bars 3. These ropes are carried upward and through sheaves 9 in the upper part of the window-frame and their ends connected with the side pieces of the awning-cover below the point of attachment of said cover with the window-frame. Ropes or cords 10 are also connected with the U-shaped bar, which pass through the sheaves 9 and are connected together, as in the ordinary awnings now in use.

The operation will be readily understood. When the awning is down, it will occupy the position shown in Fig. 1. To raise the same, the ropes 10 are pulled down, causing the U-shaped rod to be turned on its pivots and the awning-cover to be elevated, the ropes 7 holding the side pieces taut, yet permitting them to rise, so as not to interfere with the free passage of air through the window.

Having thus described my invention, what I claim is—

The combination, with a window-casing provided with sheaves 8 and 9 and the U-shaped rod pivoted to said casing intermediate of said sheaves, of the awning-cover connected with said rod and secured to the upper part of said window-frame, the ropes or cords connected with said rod and passing through sheaves 9, and the ropes or cords 7, passing through sheaves 8 and 9 and connected with the awning-cover, substantially as described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

FRANCIS A. LEAVITT.

Witnesses:

FREDERICK H. HARFORD,
CLARENCE A. HEIGHT.