

(No Model.)

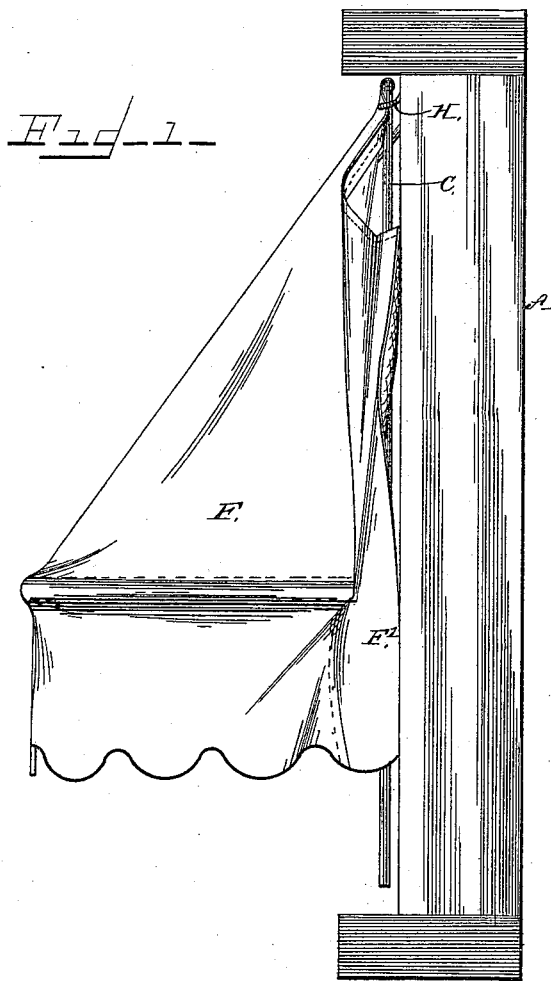
5 Sheets—Sheet 1.

S. LLOYD.

AWNING.

No. 348,024.

Patented Aug. 24, 1886.



Witnesses

*C. M. Bishop,*

*C. H. Lamsie*

Inventor

*Samuel Lloyd*

By his Attorney

*H. J. Ennis*

(No Model.)

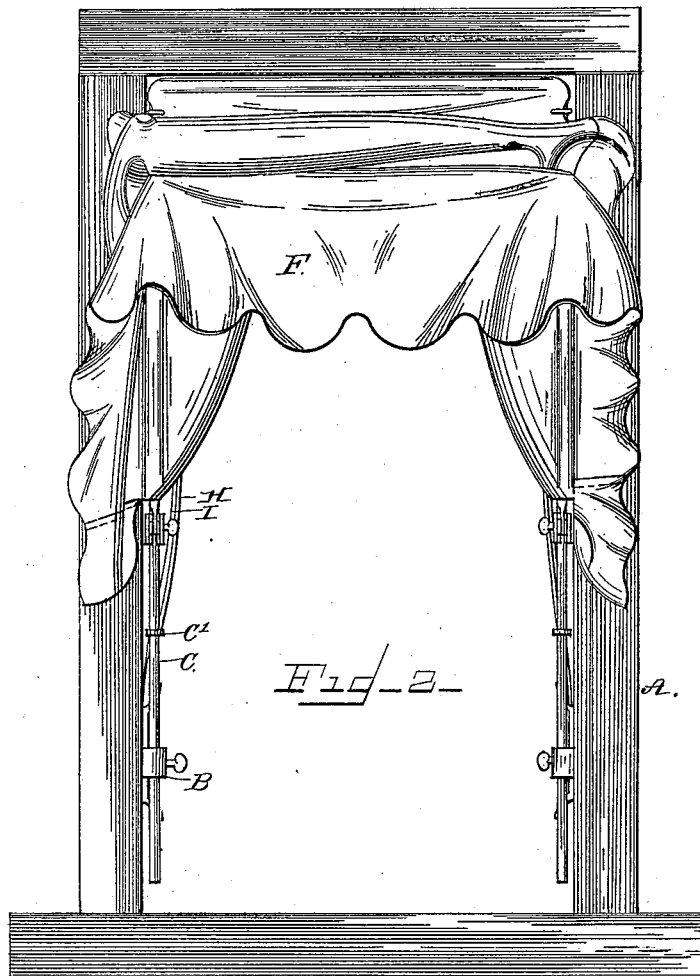
5 Sheets—Sheet 2.

S. LLOYD.

AWNING.

No. 348,024.

Patented Aug. 24, 1886.



Witnesses

*R. H. Bishop*  
*C. F. Lander*

Inventor  
*Samuel Lloyd*

By his Attorney

*H. F. Ellis*

(No Model.)

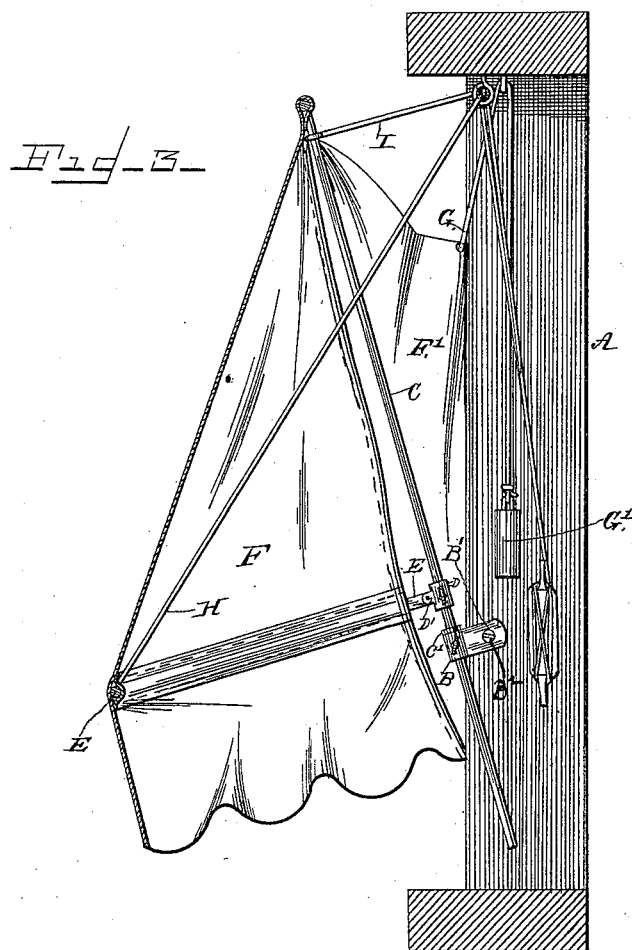
5 Sheets—Sheet 3.

S. LLOYD.

AWNING.

No. 348,024.

Patented Aug. 24, 1886.



Witnesses

*R. H. Bishop*

*C. F. Lonslee*

Inventor

*Samuel Lloyd*

By his Attorney

*H. J. Ennis*

(No Model.)

5 Sheets—Sheet 4.

S. LLOYD.

AWNING.

No. 348,024.

Patented Aug. 24, 1886.

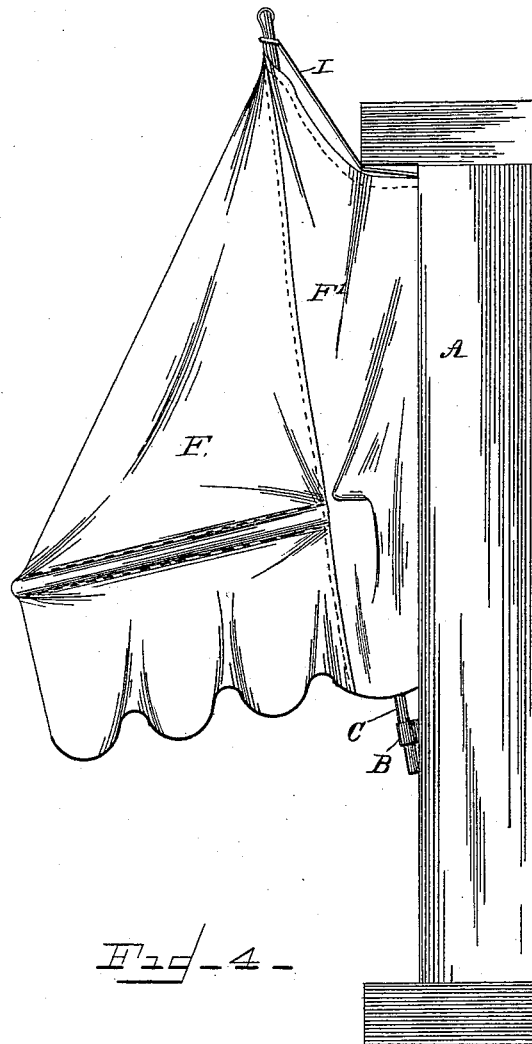


Fig. 4

Witnesses  
*R. W. Bishop.*  
*C. F. Lamsden*

Inventor  
*Samuel Lloyd*  
By his Attorney  
*H. J. Eunis*

(No Model.)

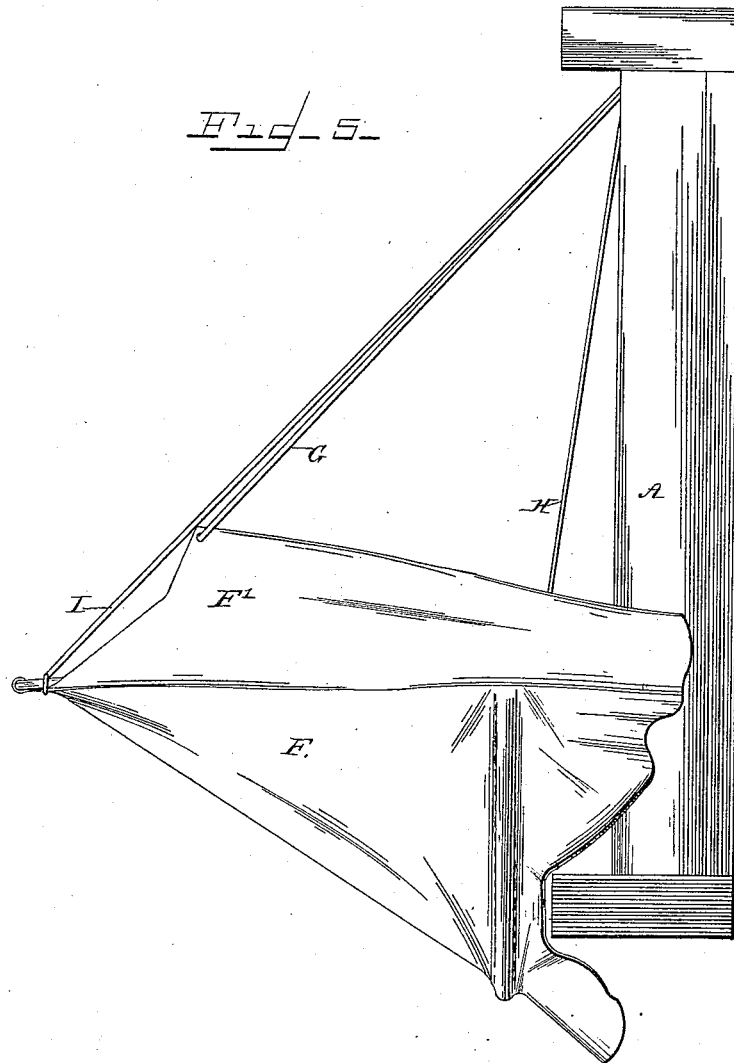
5 Sheets—Sheet 5.

S. LLOYD.

AWNING.

No. 348,024.

Patented Aug. 24, 1886.



Witnesses

*R. H. Bishop,*

*C. H. Lamsue*

Inventor

*Samuel Lloyd*

By his Attorney

*H. J. Eunis*

# UNITED STATES PATENT OFFICE.

SAMUEL LLOYD, OF WASHINGTON, DISTRICT OF COLUMBIA.

## AWNING.

SPECIFICATION forming part of Letters Patent No. 343,024, dated August 24, 1886.

Application filed June 7, 1886. Serial No. 204,397. (No model.)

### *To all whom it may concern:*

Be it known that I, SAMUEL LLOYD, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Awnings; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in awnings; and it consists in certain novel features, hereinafter first fully described, and then pointed out in the claims.

In the annexed drawings, Figure 1 is a side elevation of my improved awning as it appears when lowered and arranged as an ordinary awning. Fig. 2 is a front view of the same as it appears when raised. Fig. 3 is a central vertical section showing the awning hung as a ventilating-awning. Fig. 4 is a side elevation showing the awning in an elevated position. Fig. 5 is an elevation showing the awning turned down to serve as a deflector for the light, all of which will be fully set forth hereinafter.

Referring to the drawings by letter, A indicates the window-frame of the usual form and construction. Upon the inner side of the sides of the window-frame I pivotally secure the sleeves B, within which the legs of the U-shaped frame C are adjustably secured by set-screws, as clearly shown in Figs. 2 and 3. The sleeves B are provided with lugs B', through which pivot-screws are passed into the window-frame. The legs of the U-shaped frame C are provided with collars C', forming an integral part thereof, which limit the movement of the said frame by contacting with the sleeves B, as shown in Fig. 3. These collars can be dispensed with by forming a bend in the legs of the frame.

Adjustably secured by thumb-screws to the legs of the U-shaped frame C are the sleeves D, provided with ears D', to which the horizontal U-shaped frame E is pivotally secured. The cover F is secured to and carried by the main and horizontal U-shaped frames, and is provided with side curtains, F', one on each

side of the window. The cover is secured at its upper edge to the cross-bar of the main U-shaped frame, and when the said frame is allowed to swing out, as shown in Figs. 3 and 4, an open space is formed between the upper part of the awning and the window, as will be more particularly hereinafter referred to. The side curtains, F', are cut away at their upper ends, so that when the awning is elevated, as shown in Fig. 4, they will fit under and around the window-cornice, and effectually prevent the heat and glare of the sun coming in at the side of the awning.

To the upper rear corner of the side curtains, F', I secure a rope, G, which runs over a pulley secured in the top cross-bar of the window-frame, and has a weight, G', secured to its free end. By this arrangement the curtain is held from falling away from the window-frame, as will be understood.

Ropes H, secured to the cross-bar of the horizontal frame, and ropes I, secured to the upper part of the main frame, pass over pulleys secured to the upper cross-bar of the window-frame and down within reach of the operator, and are secured in the usual manner.

The operation of my device is simple, and will be readily understood. Fig. 1 shows the awning lowered, and with the upper end drawn in close to the window. While in this position, the awning can be drawn up to the position shown in Fig. 2, by pulling on the ropes H; or it can be made to assume the position shown in Fig. 3 or Fig. 5 by loosening both ropes H and I, when it will swing outward upon its pivot B', which consists, preferably, of a set screw. (Shown in Fig. 3.) By loosening the thumb-screws in the sleeves B the legs of the main U-shaped frame can be pushed upward until the awning assumes the position shown in Fig. 4, and it can be secured in this position by tightening the thumb-screws and drawing the ropes H and I taut. If the thumb-screws be loosened and the ropes slackened while the awning is in this position, it will fall of its own weight, and the collars C', by contacting with the sleeves B, will prevent the legs of the main frame striking the window-sill and defacing the same. When the awning is in the position shown in Figs. 3 and 4, the heated air ascending from the ground will pass through the open space between the upper end

of the awning and the window-frame, and will draw the foul air of the room after it, thus serving to ventilate the room. Fig. 5 shows a manner of using my awning, especially adapted for large business houses and offices. When the awning is in the position shown in said figure, it will be seen that the ascending hot air strikes against the full surface of the awning, and is deflected from the building, while the light is not only allowed to enter the room, but is also diffused throughout the same by striking against the upper inclined surface of the awning.

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

1. An awning having supplementary side curtains, F', substantially as and for the purposes set forth.
2. The combination, with the pivoted sleeves B, provided with thumb-screws, of the inverted-U-shaped frame having its legs passed through the said sleeves and provided with collars above the same, substantially as described and shown.
3. The herein shown and described awning,

comprising the inverted-U-shaped frame having its legs provided with collars, pivoted sleeves B, secured to the window or door frame, through which the legs of the frame pass, the horizontal U-shaped frame pivotally secured to the main frame, the cover F, secured to and carried by the main and horizontal frames, the side curtains, F', secured to the cover and provided at their upper rear corner with means for holding them to the building, and operating-ropes secured to the main and horizontal frames, substantially as specified.

4. The combination, with an awning having supplementary side curtains, F', of weights, as G', and suitable cords or ropes connecting the weights to the supplementary curtains, whereby the said curtains will be held close to the window-frame, substantially as specified.

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

SAMUEL LLOYD.

Witnesses:

R. W. BISHOP,  
H. J. ENNIS.