Nov. 17, 1925. 1,562,355

J. MANASSA

AWNING

Filed Jan. 2, 1925

Fig. 1.

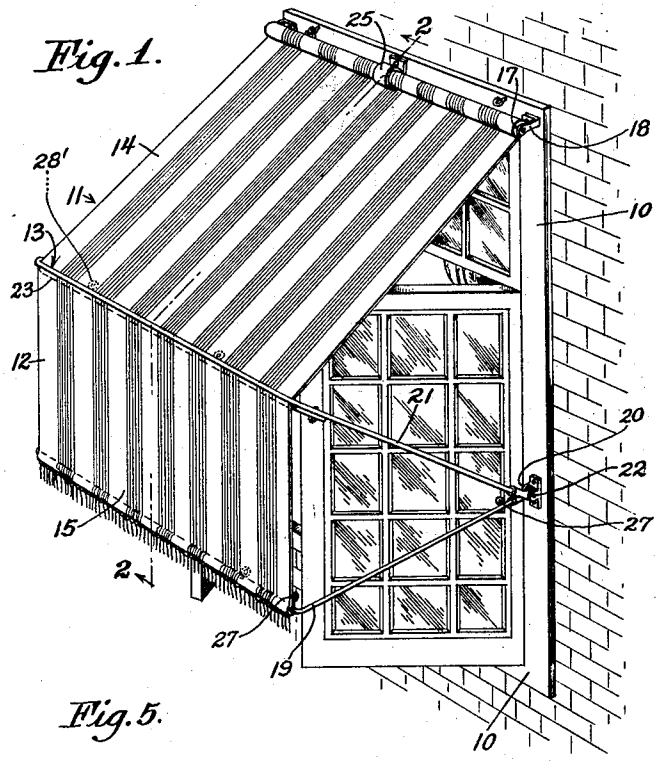


Fig. 3.

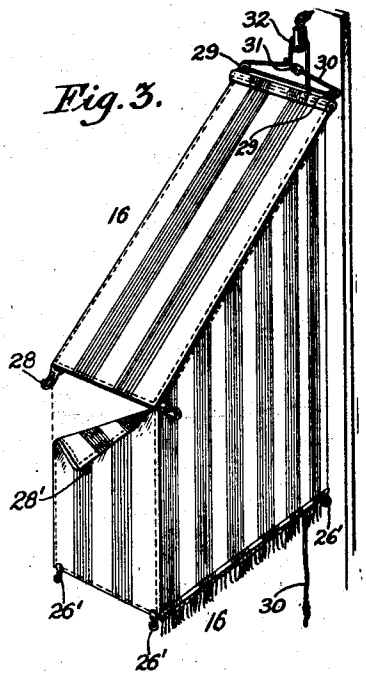


Fig. 5.

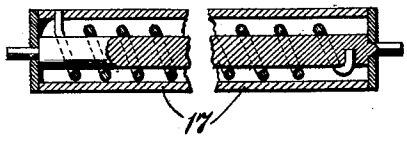
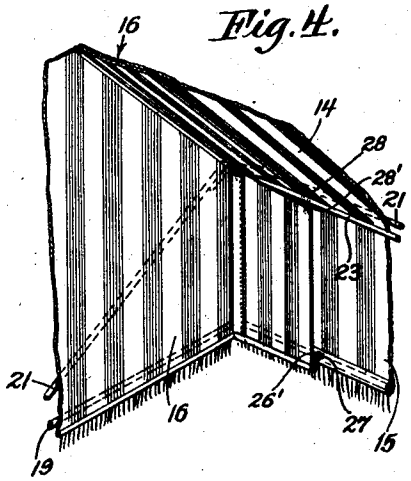


Fig. 2.

Fig. 4.



WITNESS:

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UNITED STATES PATENT OFFICE.

JEROME MANASSA, OF BRONX, NEW YORK.

AWNING.

Application filed January 2, 1925. Serial No. 175.

To all whom it may concern:

Be it known that I, JEROME MANASSA, a citizen of the United States of America, residing at Bronx, in the county of Bronx and State of New York, have invented new and useful Improvements in Awnings, of which the following is a specification.

This invention relates to improvements in awnings and has particular reference to awnings for use over the type of windows known as French doors.

The principal object of the invention resides in the provision of an awning which is automatically operable when it is desired to raise the same thereby eliminating the objection of pulling upon ropes which are now used for this purpose.

Another object resides in an awning having end sections or walls which are quickly removable when more ventilation is desired within a room.

A further object is to provide an awning wherein the use of pulleys, rings and other like devices are reduced to a minimum thereby increasing the life of the awning as heretofore such devices were positioned in a manner as to penetrate the fabric from which the awning is formed.

With these and other objects in view, the invention resides in certain novel construction and combination and arrangement of parts, the essential features of which are hereinafter fully described, are particularly pointed out in the appended claims, and are illustrated in the accompanying drawing, in which:—

Figure 1 is a perspective view of my improved awning in position upon a window and having one of the end curtains removed.

Figure 2 is a vertical sectional view therethrough on the line 2—2 of Figure 1.

Figure 3 is a detail perspective view of one of the removable end curtains.

Figure 4 is a detail perspective view looking toward one of the inner corners of the awning.

Figure 5 is a detail sectional view of the roller.

Referring more particularly to the drawing, the reference numeral 10 designates the outer window casing of a window of the French door type, and to which my improved awning is shown in its entirety as at 11 is attached.

The awning 11 includes a strip of canvas fabric or the like 12 which is supported by a frame 13 in a manner to define a top 14 and a front wall 15. The awning further includes end walls or curtains 16 formed of the same fabric as the strip 12 and which will be fully described hereinafter.

One end of the fabric strip 12 is secured to a spring actuated roller 17 similar to the ordinary roller now used for supporting shades and the same is mounted in supporting brackets 18 mounted adjacent the top of the window casing. The outer end of the strip is hemmed for the attachment of a U-shaped bar 19 which constitutes part of the frame 13 and which is pivotally mounted to the window frame as at 20. A similar U-shaped bar 21 is also pivoted to the window casing as at 22 and is disposed at an angle with respect to the bar 19 when the awning is down, the strip of fabric 12 passing beneath the bight portion of the bar 21. A rod 23 is carried by the legs of the U-shaped bar 21 and is spaced from the bight portion of said bar to permit the fabric 12 to pass therebetween during the raising and lowering of the awning. A flexible brace or supporting strip 24 underlies the fabric 12 when the awning is in a lowered position and has one end secured to the outer casing of the window and the other end secured to the rod 23 which relieves the weight of the awning from the roller 17.

One end of a strap 25 is also attached to the roller centrally thereof and is interposed between the windings of the fabric strip 12, while the other end of the strip hangs in a vertical position and is tied to a cleat 26 when the awning is down to prevent the spring roller from winding the fabric upon the same. This strip is adapted to be grasped by the hands of the operator to move the awning to a lowered position and it will be seen that when the same is untied from the cleat 26 the fabric will automatically wind about the roller moving the frame bar 19 upward about its pivot until the same engages the bar 21 whereupon the bar 23 will also move upward to a relatively vertical position and at which time the awning is in a raised position.

The end curtains 16 above referred to telescope within the sides and top 14 and

15 and are held to the frame 13 by snap fasteners 26′ which engage rings 27 on the lower U-shaped bar 19. One edge of the front wall of the end sections is detachably secured to the top of said section by a snap fastener 28 for co-action with a ring 28′. When the side curtains are in position, the snap fastener 28 rests upon the rod 23 between the fabric 12. In order to hold the end sections in a raised position to close the sides of the awning, I provide the same with spaced eyes 29 through which one end of a cable 30 is passed, the said end of the cable having a snap hook 31 which is snapped over the cable as shown in Figure 3. The free end of the cable passes over a pulley 32 secured to the window casing. From this construction, it will be seen that the inner side of the end curtains is held elevated by the cable which is adapted to be tied to a cleat 33 fastened to the window casing and when it is desired to remove the same, the cable is released from the cleat and lowered after which the snap hooks 26′ are unfastened from the rings 27. The end curtains may now be taken in through the window thereby leaving the sides of the awning opened for additional ventilation without effecting the protection afforded by the top and front walls 14 and 15.

While I have described what I deem to be the most desirable embodiment of my invention, it is obvious that many of the details may be varied without in any way departing from the spirit of my invention, and I therefore do not limit myself to the exact details of construction herein set forth nor to anything less than the whole of my invention limited only by the appended claims.

What is claimed as new is:—

1. In a device of the class described, the combination with the casing of a window, a tension roller mounted thereon, a pivoted frame, a strip of fabric, one end of said fabric being secured to said roller and the other end to a portion of said frame, a flexible strap secured to said window casing and to said frame and underlying said strip of fabric for relieving the weight of said fabric and frame from said tension roller when the frame is in a lowered position, and means for holding said frame and fabric in a lowered position against the action of said tension roller.

2. An awning comprising a frame adapted to be pivoted to a supporting structure, a winding roller, a strip of fabric having one end fixed to said winding roller and its other end fixed to said frame, said strip of fabric constituting the top of the awning, side walls telescoping said top wall, and coacting means between said frame and said end walls for removably securing the latter thereto.

3. An awning comprising a frame adapted to be pivoted to a supporting structure, a winding roller, a strip of fabric having one end fixed to said winding roller and its other end fixed to said frame, said strip of fabric constituting the top of the awning, side walls telescoping said top wall, and coacting means between said frame and said end walls for removably securing the latter thereto, and raising and lowering means for each respective side wall operable independently of the winding roller.

In testimony whereof I have affixed my signature.

JEROME MANASSA.