

July 22, 1924.

1,502,182

R. FORREST

AWNING

Filed Dec. 1, 1922

Fig. 1.

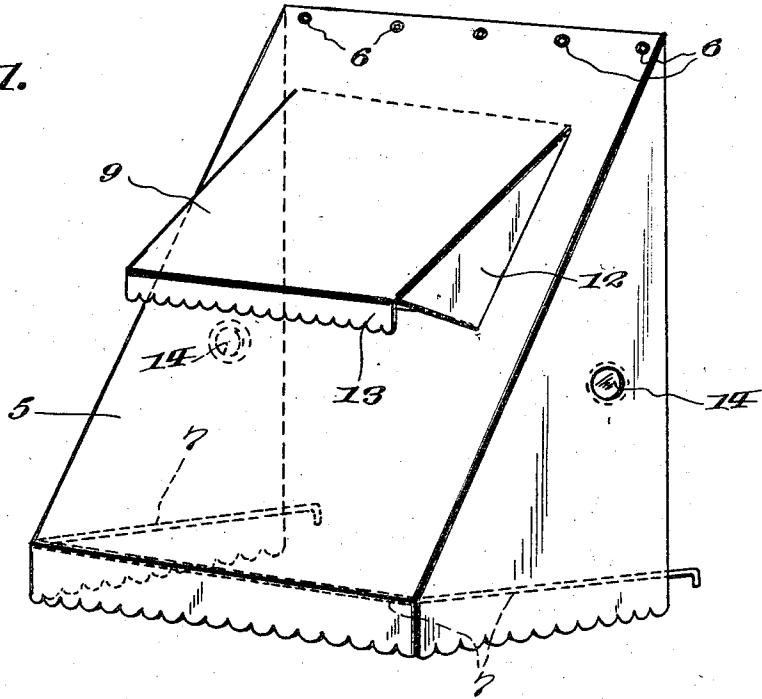


Fig. 2.

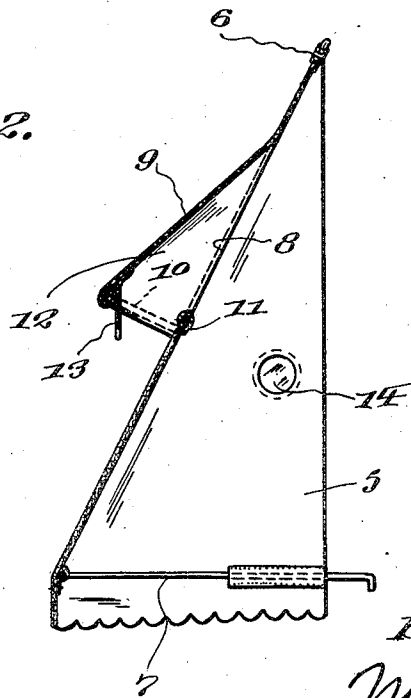
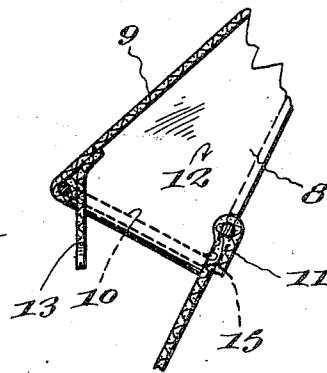


Fig. 3.



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UNITED STATES PATENT OFFICE.

ROLLAND FORREST, OF PHILADELPHIA, PENNSYLVANIA.

AWNING.

Application filed December 1, 1922. Serial No. 604,339.

To all whom it may concern:

Be it known that I, ROLLAND FORREST, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented new and useful Improvements in Awnings, of which the following is a specification.

My invention relates to new and useful improvements in awnings and more particularly to those of the ventilated type.

An important object of the invention is the provision of an awning of the above-mentioned character whereby the entry of rain or wind from the sides is prohibited and efficient ventilation is assured.

A further object of the invention is to provide an awning of this kind which is simple in construction, highly efficient in use, and which may be manufactured at a relatively small cost.

A still further object of the invention is to furnish an awning ventilator which is capable of application to all types of awnings and which will not interfere with the raising thereof.

With the above and other objects in view as will become more apparent as the description proceeds, the invention comprises a novel combination and arrangement of parts to be hereinafter described and claimed, and in order that the same may be better understood, reference is had to the accompanying drawing forming a part of this specification.

In the drawing,

Figure 1 is a perspective view of an awning constructed in accordance with my invention;

Fig. 2 is a central vertical section through the same, and

Fig. 3 is an enlarged sectional detail illustrating the ventilating construction and its supporting element.

Referring specifically to the drawing, wherein like reference characters designate like parts throughout the several views, numeral 5 denotes an awning which may be secured above a window or door by means of eyelets 6. The usual metal yoke 7 is carried near the lower edge of the front and sides and the free ends extend beyond the rear edges of the latter which are downturned for engagement with staples or the like in the door or window frame whereby the yoke 7 may be swung upwardly and the awning folded. So much of the awning just

described is of common and well known construction and no novelty is claimed therefor.

Coming now more particularly to the subject matter of my invention, it will be seen that the slanting roof or front wall of the awning is formed with an opening 8 which is covered by a second roof 9 of awning material; the front edge of which extends beyond the lower edge of the opening 8 and carries a wire bracing member 10 of substantially rectangular contour. This member 10 serves to maintain the roof 9 in spaced relation from the front edge of the opening 8, and is hemmed therein as shown at 11. Side-walls 12 are illustrated carried by the roof 9 and sewed in the sides of the opening 8, their purpose being to prevent the entry of rain or wind through the opening 8 between the front wall of the awning and the roof 9. A scalloped fringe 13 is sewed along the lower edge of the roof 9 just rearwardly of the bracing member 10 and depends a substantial distance therebeneath, as shown in Figures 2 and 3, its purpose being to yieldably resist a strong draft and deflect the air downwardly against the front wall of the awning from whence it will travel upwardly and through the opening 8 and into the room. In the sides of the awning I have provided windows 14 of glass or other transparent material which permit the occupants of the room to look out without raising the awning.

It will be noted that the lower side of the bracing member 10 is laterally offset as shown at 15, thus giving the member an L-shaped form when viewed in end-elevation. The purpose of this construction is as follows:—It will be evident that when a strong wind is blowing toward the awning the tendency of the roof 9 will be to buckle and raise itself, thus permitting a practically unobstructed draft directly through the opening 8. To overcome this difficulty and to obviate the necessity of employing any longitudinal stiffening members in connection with the roof 9, I have constructed the bracing member 10 as above described. The wind striking the roof 9 tends to push it backwardly against the front wall of the awning, and the inner side of the bracing member 10 being in substantially the same plane as its outer side will not permit the pivoting of bracing member 10 upwardly to elevate the roof 9. The offset portions

are sewed to the front wall of the awning and serve to brace and stabilize the roof 9.

From the foregoing description read in connection with the accompanying drawing, 5 the novel features of my invention will be readily understood and appreciated. Awnings of all kinds may be modified and equipped with a ventilator of this kind in an obvious manner. The awning may be 10 raised, the ventilator not interfering with this operation. If desired the ventilator may be pushed outwardly when the awning is raised and folded to prevent any obstruction to the passage of air to the room 15 should it be desired to lower the upper sash of the window.

In accordance with the patent statutes I have described and illustrated the preferred embodiment of my invention but it will be 20 understood that I do not propose to limit myself strictly thereto since various changes and modifications will immediately suggest themselves to those skilled in the art without departing from the spirit of the invention, the scope of which is set forth in the 25 following claims.

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

30 1. An awning having a main roof and triangular side walls, said main roof being provided with an opening, a supplemental awning overhanging said opening and having side walls and a roof, said last-named

walls terminating below the opening and 35 secured at their inner edges to said main roof, and a metallic loop having an outer side engaged with the lower edge of the roof of the supplemental awning and having an inner side connected to the lower 40 wall of the opening, said loop comprising end members connecting said side members and having their inner portions bent and extended upwardly and secured flatly in engagement with said main roof whereby 45 said supplemental awning is held in position over said opening.

2. An awning having a main roof and triangular side walls, said main roof being 50 provided with an opening, a supplemental awning overhanging said opening and having side walls and a roof, said last-named walls terminating below the opening and secured at their inner edges to said main roof, 55 a metallic loop having an outer side engaged with the lower edge of the roof of the supplemental awning and having an inner side connected to the lower wall of the opening, said loop comprising end members 60 connecting said side members and having their inner portions bent and extended upwardly and secured flatly in engagement with said main roof whereby said supplemental awning is held in position over said 65 opening, and a fringe depending from the lower portion of said supplemental awning.

In testimony whereof I affix my signature.
 ROLLAND FORREST.