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AWNING

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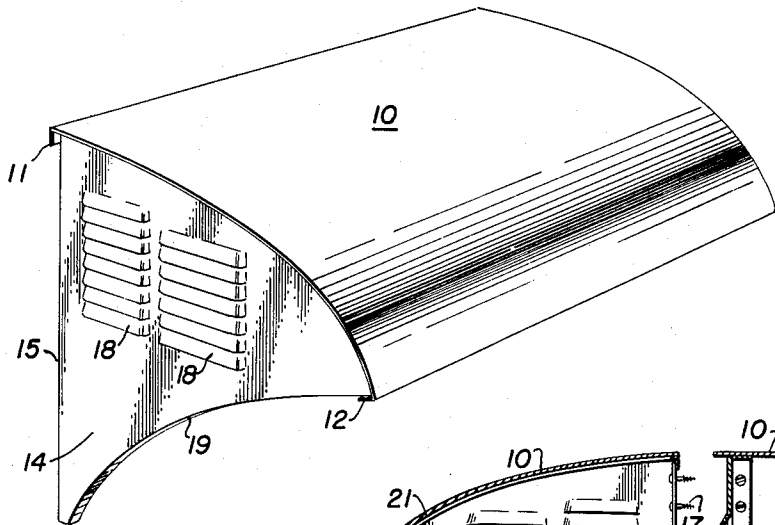


FIG. 1.

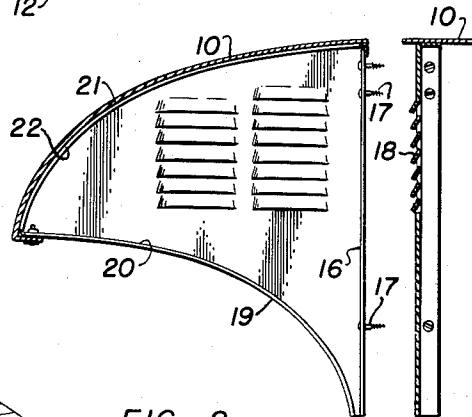


FIG. 2.

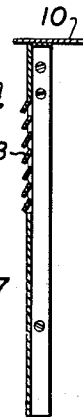


FIG. 3.

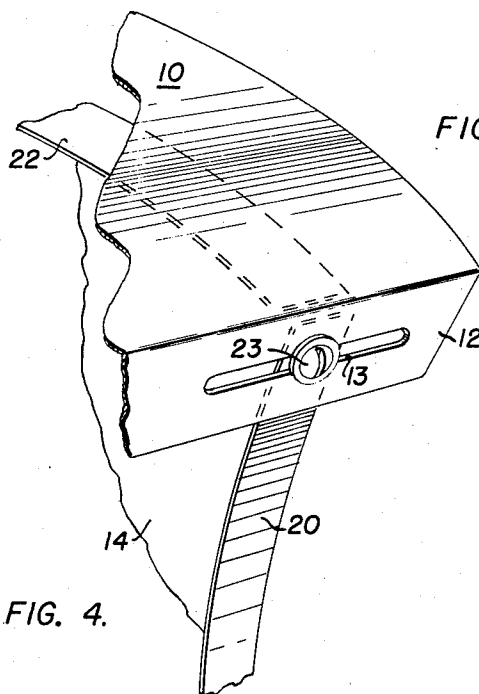


FIG. 4.

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AWNING

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1 Claim. (Cl. 20—57.5)

This invention relates to awnings such as those used on the windows of houses and buildings for preventing direct light from passing therethrough.

An object of the invention is to provide an economical construction for the described purpose, yet one which is adaptable to windows of various widths.

A particular object of the invention is to provide a construction which effects a saving of material when cutting the same from sheet stock.

A further object of the invention provides an awning construction which lends itself to packaging for selling in retail stores, and one which may be easily installed by the purchaser without requiring expert help.

These and other objects of the invention will become apparent from the following description and accompanying drawing, wherein:

Figure 1 is a perspective view of an awning embodying the features of the invention.

Figure 2 is a transverse sectional view of the awning shown in Figure 1.

Figure 3 is a vertical sectional view of one end of the awning.

Figure 4 is an enlarged broken perspective view showing in detail the preferred construction for adjusting the curving ends relative to the awning surface for supporting the assembly on windows of different widths.

In the exemplary form of the invention shown, the numeral 10 generally designates an awning surface of sheet material having a downwardly turned front flange 12. The sheet material is resilient and may be of thin gage metal, such as sheet aluminum, sheet iron or steel, etc. Horizontal elongated slots 13 are formed in the forward flange 12 near the ends of the latter, and have to do with the adjustability above referred to.

The awning end members 14 have vertical back edges 15 which are inwardly flanged, as at 16, and have drilled holes, not numbered, for receiving screws 17 for attach-

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ing the awning assembly to the window casing. Louvers 18 may be provided in the ends 14 for ventilating the assembly and preventing hot air from accumulating therein. The lower edges 19 of the ends 14 are in the form of compound arcs, the smallest radii of which are adjacent the vertical back edges 15. The lower edges 19 of the end members 14 are also inwardly flanged as at 20. A feature of the invention has to do with saving material when cutting the ends 14; accordingly, the upper edges 21 of the ends 14 are of the same compound arc last described, but is oppositely arranged with respect thereto so that the smaller radius is near the outer or front part of each end member 14. The arcuate edges 19 and 21 and the vertical rear edges 15 are arranged so that the end members 14 are substantially triangular when considered as a whole. The curved upper edges of the end members are also inwardly flanged, as at 22, so as to provide a support for the awning surface 10, which is bent therearound, and is secured to each lower flange 20 of the end members 14 by means of a screw 23 positioned through each horizontal slot 13.

When installed, the tension of the normally flat awning surface 10 against the upper end flanges 22 provides rigidity, not only to the awning assembly, but to the thus formed said arcuate awning surface. Upon consideration of the foregoing it will also be apparent that the present awning, in addition to being relatively inexpensive, is of a construction which may be easily installed with very little difficulty.

The invention is not limited to the specific construction herein shown and described, but may be varied within the scope of the appended claim.

What is claimed is:

An awning comprising triangular end members having convex arcuate upper edges, said end members including vertical rear edges and angularly disposed forward edges, all of said end member edges having flanges along the lengths thereof, a bendable flat awning surface of resilient sheet material secured to said flanges of said arcuate edges of said end members, a depending flange along the forward edge of said awning surface, a longitudinal slot in each end of the last said flange, and screws positioned through said slots engaging said flanges of said forward edges of said end members.

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