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2,179,541

WINDOW SCREEN AWNING

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Fig. 1

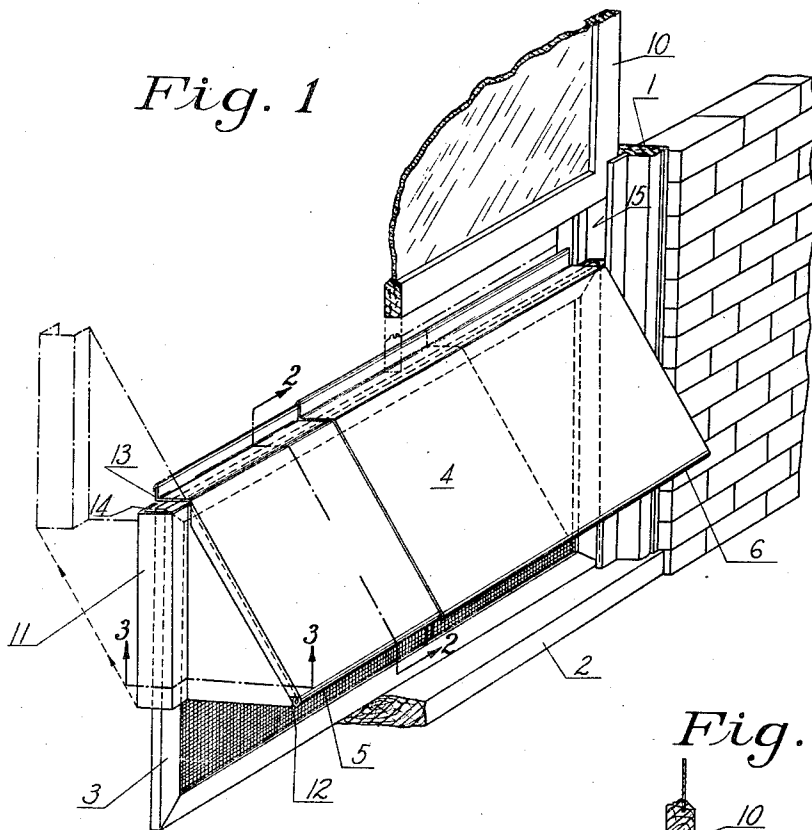


Fig. 3

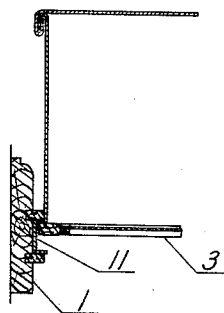
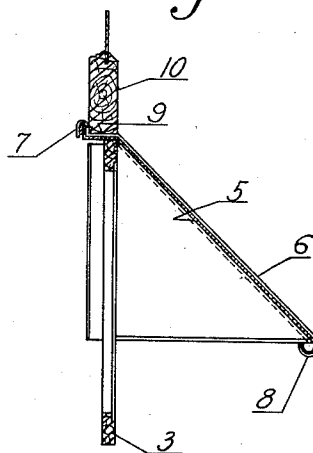


Fig. 2



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WINDOW SCREEN AWNING

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1 Claim. (Cl. 156—15)

This invention relates to new and useful improvements in awnings for screens, and it is among the objects thereof to provide an awning for window screens and the like which shall be adjustable to different sizes of windows and screens, which shall be provided with means for fitting in the ways of the window frames to interlock therewith and which shall further be provided with means for overlapping the lower frame of the window to prevent dislodgment of the shade when mounted in the window frame and on the screen.

A further object of the invention is the provision of an awning for window screens as set forth above which shall be of a collapsible or knock-down construction for convenience of handling, shipping and storing and which shall be relatively inexpensive.

These and other objects of the invention will become more apparent from a consideration of the accompanying drawing constituting a part hereof in which like reference characters designate like parts and in which:

Fig. 1 is a view in perspective of an awning for window screens mounted in a window frame embodying the principles of this invention;

Fig. 2 a cross-sectional view thereof taken along the line 2—2 of Fig. 1; and

Fig. 3 a cross-sectional view of the awning taken along the line 3—3, Fig. 1.

In Fig. 1 of the drawing, the reference numeral 1 designates a window jamb or frame, the numeral 2 a window sill, 3 an extensible window screen, and 4 generally designates the awning for the screen. The member 4 comprises a pair of extensible awning-shaped sheet metal elements 5 and 6 arranged for telescopic engagement to render them extensible or contractible as desired, the top of the member 5 having a turned-over end 7 and a bottom turned-in lip 8 which may be of any form, preferably of the shape to simplify its fabrication by a simple die-forming operation, and this member slides telescopically in similarly shaped portions of the element 6 which are made slightly larger to accommodate the member 5. The top of the awning portions 5 and 6 is provided with a ledge 9 which constitutes a seating abutment for the lower frame 10 of the window, the portion 7 engaging the inner face of the window to prevent dislodgment or displacement of the awnings when the window is placed thereon. The ends of the awnings are constituted by end brackets 11 having sliding engagement with the ends of the awning portions 5 and 6 which are turned in at 12 in the same manner as the upper edge 1 to permit telescopic or sliding engagement of the end

bracket with the awning portion, the dotted lines in Fig. 1 showing the end brackets removed from the awning portion which is cut away at 13 to permit free sliding movement of the end bracket with the awning portion. The end bracket 11 is channel-shaped as shown at 14 to engage the groove 15 of the window frame in which the window 10 slides, and this also constitutes an interlock to prevent displacement of the awning member when mounted on the screen 3.

To mount the awning in the window, the screen is placed therebeneath as shown in Fig. 2 with the ledge 9 of the awning resting on the screen and the assembled screen and awning are placed in the window and extended to engage the channel-shaped end brackets 14 with the grooves or ways of the window frame. The window is then lowered on the edge 9 as shown in Fig. 2 and the screen and apron are firmly interlocked with the side grooves 15 and the lower ledge of the window frame 3 so as to prevent displacement.

It is evident from the foregoing description of the invention that a window screen awning made in accordance therewith is of collapsible or knock-down form which permits its shipment in a flat package and requires little space for storing when not in use. Also the awning is adapted for use with extensive screens of different sizes, thereby eliminating the need for carrying different size awnings in stock.

Obviously, the utility of the awning is to exclude the elements, particularly rain, sleet and high wind from blowing through the screen into a dwelling, and it also acts as a sun-shade and shuts off visibility to the interior of the dwelling when lighted.

Although one embodiment of the invention has been herein illustrated and described, it will be evident to those skilled in the art that various modifications may be made in the details of construction without departing from the principles herein set forth.

I claim:

A window screen awning comprising a plurality of downwardly and outwardly depending sheet metal aprons shaped to have telescopic engagement to render them extensible and end brackets for said aprons having off-set portions for engagement with the guide ways of the window frame said aprons being provided with an upper ledge adapted to rest upon a screen, said ledge having a vertical flange for engaging the inner face of the window to prevent displacement of the awning when it is supported by the screen.

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