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WINDOW SHADE AND CURTAIN HANGER

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FIG. 1.

FIG. 2.

FIG. 3.

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This invention relates to bracket devices, and more particularly to a combination window shade and curtain bracket.

A main object of the invention is to provide a novel and improved combination window shade and curtain bracket which is simple in construction, which is easy to construct on a window frame molding, and which is neat in appearance.

A further object of the invention is to provide an improved combination window shade and curtain bracket which is inexpensive to manufacture, which is sturdy in construction, which may be installed in a very short time and with a minimum amount of manual effort, and which provides a secure and dependable support for the curtain rods and window shade rollers engaged therewith.

Further objects and advantages of the invention will become apparent from the following description and claim, and from the accompanying drawings, which are not necessarily drawn to scale.

Figure 1 is a fragmentary perspective view of a top portion of a window frame molding showing improved combination window shade and curtain bracket devices according to the present invention engaged thereon; Figure 2 is an enlarged cross-sectional detail view taken on the line 2—2 of Figure 1; Figure 3 is a perspective view of a modified form of combination window shade and curtain bracket according to the present invention.

Referring to the drawings, 11 designates a conventional rectangular window frame molding having the top molding element 12 and the respective side molding elements 13 and 14. Designated at 15 is a first combination bracket element according to the present invention engaged on the corner defined by the junction of the frame members 12 and 13, and designated at 16 is a second bracket element according to the present invention engaged on the corner defined by the junction of the frame members 12 and 14.

The bracket member 15 comprises a rectangular plate element 17 provided with respective flanges 18 and 19 extending at right angles to the plate element and meeting at a corner 20. The edge of the flange 19 is provided with spaced depending lugs 21, 21 and the edge of the side flange 18 is provided with an inwardly directed lug 22. As shown in Figure 1, when the bracket member 15 is installed, the lugs 21, 21 are inserted between the top of the window frame molding and the adjacent wall and the lug 22 is inserted between the side frame element 13 and the adjacent wall, whereby the plate element 17 is supported on the corner defined between the frame elements 12 and 13. The plate element 17 is formed with a pair of upstruck parallel hook elements 23, 23 adapted to be engaged with a pair of window frame molding elements 24 and 24 as shown in Figure 1.

Designated at 25 is the arm member 25 provided with an inwardly directed finger 31 engageable between the window frame molding and the wall adjacent thereto, as shown in Figure 2. The arm 25 is provided with a depending flange 32. Designated at 33 is a cam lever which is positioned adjacent to and connected intermediate its ends to the face of the plate element or member 17 opposite the flanges 18 and 19 for pivotal movement about an axis parallel to the first named axis 27, the second axis being indicated by the numeral 34 and supported in a hinge lug 35 secured to the plate member 17 adjacent the hinge lug 22.

The cam lever 33 is formed with a flexible finger member 36 at its inner end portion which is engageable beneath the flange 32. As shown in Figure 2, when the arm 33 is in the position illustrated, the cam element 36 bears tightly against the flange 32 and locks the catch member 26 in a position wherein the finger 31 is engaged behind the window frame molding. The catch element 36 may be released by rotating the cam arm 33 clockwise, as viewed in Figure 2, whereby the finger 31 may be extricated from behind the window frame molding and allow the bracket element 15 to be detached from said window frame molding.

The bracket element 15 is mounted by engaging the lugs 21, 21 and the lug 22 behind the window frame molding, in the manner shown in Figure 2, with the cam arm 33 in released position, and then rotating the cam arm 33 to a position adjacent the plate element 17, whereby the bracket element is securely locked to the corner of the window frame molding.

The bracket element 16 is similar in all respects to the bracket element 15, except that the upstruck lug, shown at 24', is provided with an eye 25' to receive the cylindrical end of the window shade roller shaft. It will also be apparent that the bracket 16 is reversed as compared with the bracket 15, since the bracket 16 is intended to be secured on the upper right corner of the window frame molding, whereas the bracket element 15 is intended to be secured on the upper left corner of said window frame molding. The bracket 16 is formed with the upstruck hook elements 23', 23' adapted to receive the ends of conventional window curtain rods of the channeled type and are similar to the upstruck lugs 23, 23' of the bracket member 15.

In the embodiment of the invention shown in Figure 3, the bracket member is designated generally at 35, and comprises the rectangular main body portion 17', having the flanges 19' and 18', meeting at a corner 20'. The flange 19' is provided with the depending lugs 21', and the flange 18' is provided with an inwardly projecting lug 22' similar to the bracket members 15 and 16 of Figure 1. Rigidly secured to the plate member 17' are the spaced, parallel hooked lugs 43, 43 adapted to lockingly engage the ends of curtain rods of the channeled type. Designated at 44 is an arm provided with a right-angle flange 45 adapted to be secured to the plate member 17' by the use of suitable fastening screws 46, 46. The plate member 17' is formed with a plurality of pairs of open-ended slots 47 through which the bracket member 15 may be selectively engaged to vary the location on the plate member 17' at which the arm 44 is secured. This provides adjustability in accordance with the different lengths of window shade rollers which may be employed on a window. bee
understood that various modifications within the spirit of the invention may occur to those skilled in the art. Therefore, it is intended that no limitations be placed on the invention except as defined by the scope of the appended claim.

What is claimed is:

A combination window shade and curtain bracket comprising a rectangular plate member, respective flanges on the margins of said plate member adjacent one corner thereof, respective inwardly directed lugs on the edges of said flanges, said lugs being spaced from and parallel to said plate member, a catch member pivoted to the face of said plate member adjacent an edge thereof opposite said flanged margins for movement about an axis parallel to said face, said catch member comprising an arm extending substantially at right angles to said plate member and a lug on one end of said arm substantially coplanar with said first named lugs, whereby said lugs may engage beneath a frame or window to retain the plate member thereon, a struck-up hook element integral with said plate member for engagement with a curtain rod, a struck-up element integral with said plate member for supporting a window shade, and means for lockingly engaging said catch member to retain said lug on said catch member in said engaged position, said means embodying a flange on the other end of said arm, and a cam lever positioned adjacent to and connected to said face of said plate member intermediate its ends for pivotal movement about a second axis parallel to the first named axis, said lever having a cam element on one end engageable with said arm flange to retain the arm lug in the frame engaging position.

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