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C. W. TROWBRIDGE

1,817,954

CURTAIN HANGER

Filed May 14, 1930

Fig. 1.

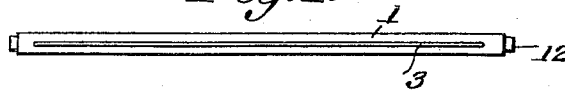


Fig. 2.



Fig. 3.

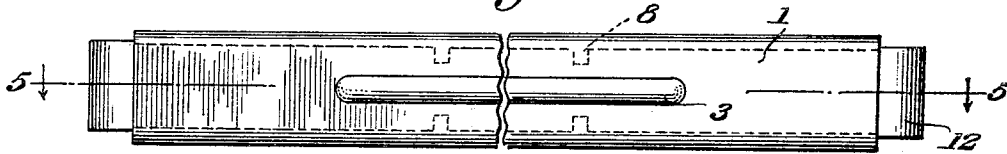


Fig. 4.



Fig. 5.

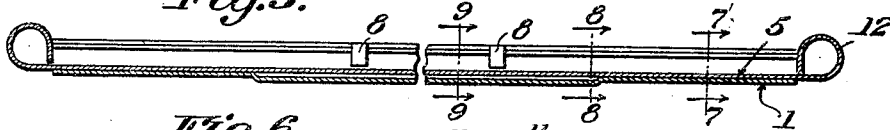


Fig. 6.

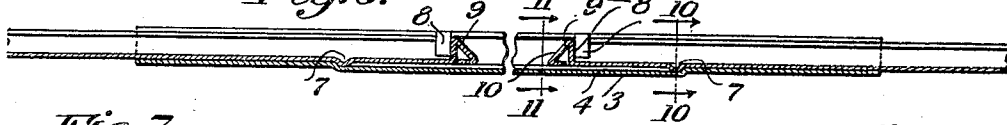


Fig. 7.

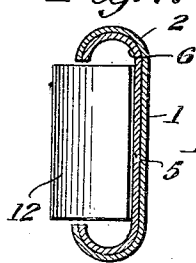


Fig. 8.

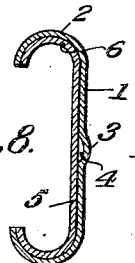


Fig. 9.



Fig. 10.

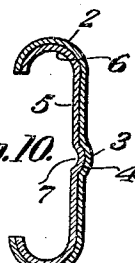
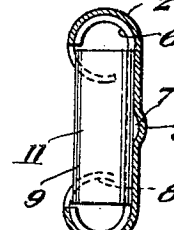


Fig. 11.



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CURTAIN HANGER

Application filed May 14, 1930. Serial No. 452,349.

This invention relates to curtain hangers and has as one of its objects to provide a curtain hanger which may be readily and quickly adjusted as regards its length so as to adapt it to be fitted to window frames of various widths and in this connection the invention contemplates the provision of telescopic sections so formed that the assembled structure will be exceptionally rigid and substantial and not be liable to sag as are devices of this type as generally constructed.

Another object of the invention is to provide a curtain hanger embodying an intermediate section and end sections telescopically fitting the intermediate section so that, when the hanger is to be used, the component sections may be symmetrically adjusted thus imparting to the hanger a uniform appearance.

Another object of the invention is to provide a novel means whereby the telescopic movement of the end sections with respect to the intermediate section may be limited so as to prevent separation of any of the sections from one another.

The sections are, as set forth above, telescopic sections, and the invention has as a further object to so construct the sections that the means providing for their telescopic adjustment will constitute also a reinforcing means.

Another important object of the invention is to provide a hanger which may be employed in lieu of the shade stick and thereby constitute a means for holding back draperies hung in front of the window shade.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings, and specifically pointed out in the appended claims, it being understood of course that minor changes may be made so long as they fall within the scope of the claim.

In describing my invention in detail, reference will be had to the accompanying drawings, wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a view in front elevation of the hanger, all of the sections being telescoped or closed.

Figure 2 is a similar view illustrating the end sections withdrawn to the limit of their telescopic movement.

Figure 3 is a detail view in front elevation of the hanger, the sections being closed and parts being shown in dotted lines.

Figure 4 is a view similar to Figure 3 showing the end sections withdrawn as far as the structure will permit, from engagement in the intermediate section, the sections being broken away.

Figure 5 is a horizontal sectional view on the line 5—5 of Figure 3 looking in the direction indicated by the arrows.

Figure 6 is a similar view on the line 6—6 of Figure 4 looking in the direction indicated by the arrows.

Figure 7 is a vertical transverse sectional view, in detail, on the line 7—7 of Figure 5 looking in the direction indicated by the arrows.

Figure 8 is a similar view on the line 8—8 of Figure 5 looking in the direction indicated by the arrows.

Figure 9 is a similar view on the line 9—9 of Figure 5 looking in the direction indicated by the arrows.

Figure 10 is a vertical transverse sectional view on the line 10—10 of Figure 6 looking in the direction indicated by the arrows.

Figure 11 is a similar view on the line 11—11 of Figure 6.

The telescopic sections of the hanger are formed from sheet metal blanks and the intermediate section which is indicated in general by the numeral 1 has its upper and lower marginal portions overturned as indicated by the numeral 2, substantially on the arc of a circle, so that the said section is of substantially channel formation and, for a purpose to be presently pointed out, the section 1 is formed, longitudinally, midway between its upper and lower sides, with an outstanding bend 3 so as to provide a longitudinal groove 4.

Each of the end sections is indicated in general by the numeral 5 and these sections are

likewise overturned at their upper and lower margins as indicated by the numeral 6 and so proportioned with respect to the overturned margins 2 of the section 1 as to adapt them to be telescopically fitted into the opposite end of the said section 1. Each section 5 is formed at points spaced from the ends of the section, typed, stamped or otherwise, to provide projections 7 and these projections are slidably received in the groove 4 and at this point it will be evident that due to the engagement of the projections 7 in the groove 4, the overturned marginal portions 2 and 6 of the sections 1 and 5 are somewhat relieved of strain imposed by the curtain suspended from the hanger and, it will likewise be evident by reference to Figure 6 that, when either end section is telescopically slid outwardly with respect to the intermediate section, it has been nearly completely withdrawn therefrom, the projections 7 upon said end section will engage one end of the groove and complete separation of the section 5 from the groove 1 will be prevented.

In order to further prevent complete separation of the end sections from the intermediate sections, the said intermediate section is formed at spaced points in the left of its overturned marginal portions 2, with arcuate extensions 8 which constitute abutments to be engaged by the abutments 9 at the inner ends of the respective sections 5.

These latter abutments, referred to above, are indicated in general by the numeral 9 and are formed by bending the body portion of each section 5, at its inner end, at an angle as indicated by the numeral 10 and thence inwardly into contact with the inner surface of the said body of the section 5, as indicated by the numeral 11, and it will be observed, by reference to Figure 6, that when the sections 5 are slid outwardly to the fullest extent the portions 11 of the abutment 9 will strike against the abutment portions 8 of the section 1.

In order that the hanger may be supported upon bracket members having upstanding pin portions, the outer end of each of the sections 5 is rolled to provide a cylindrical socket 12, it being understood that the sections will be relatively adjusted so as to bring these sockets into engagement over the upstanding pins of the said brackets.

As stated above, it is an important object of the invention to provide a curtain hanger constructed in accordance with the present invention, which hanger may be employed as a window shade stick so as to take the place of the ordinary wooden stick and then, by extending the telescopic end members of the device, utilizing these extended ends, which will then project beyond the side margins of the window shade, as a means behind which draperies may be engaged so as to be suspended, at their lower portions, clear of the

window pane, and this is practically true of the embodiment illustrated in Figure 5 of the drawings in which the ends of the telescopic end sections are formed to provide the rounded portions 12 which, due to their rounded form will not in any way tear or mar the draperies.

What I claim is:—

A curtain hanger comprising an intermediate channeled hanger section, end hanger sections telescopically fitting the intermediate section, spaced abutments in the channel of the intermediate section, an abutment upon the inner end of each end section engageable, with respective ones of the first mentioned abutments, the intermediate section having a longitudinal groove in its inner side, and a projection upon each of the end sections engaging slidably in said groove, and means at the outer ends of the end sections for engagement with a supporting means.

In testimony whereof I affix my signature.

CHARLES W. TROWBRIDGE.