July 26, 1955 P. F. HARTMANN 2,713,898

DRAPERY SUPPORT

Filed Oct. 4, 1954 2 Sheets-Sheet 1

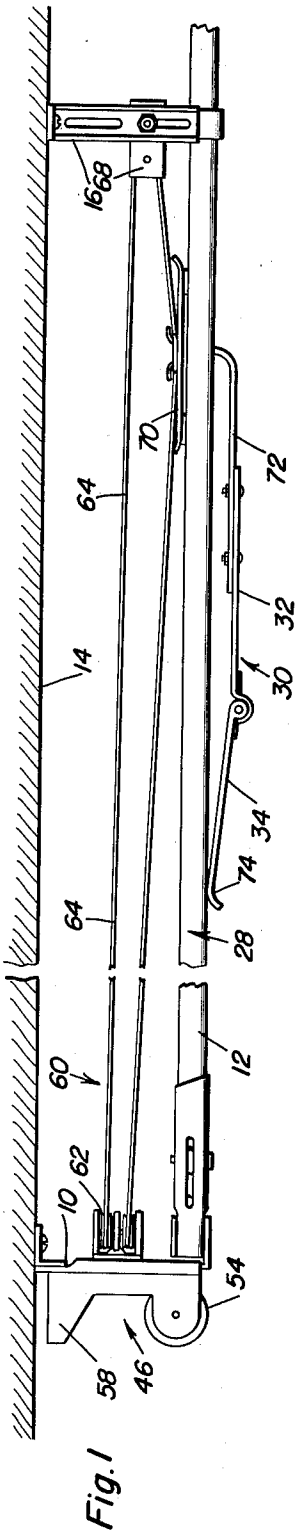


Fig. 1

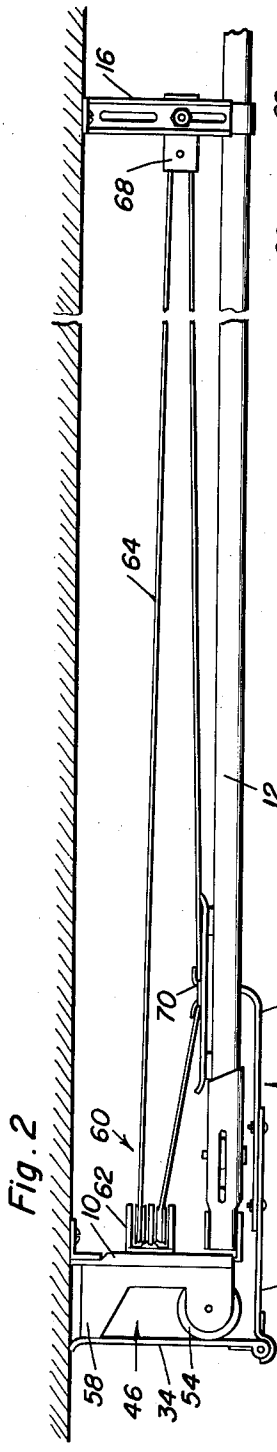


Fig. 2

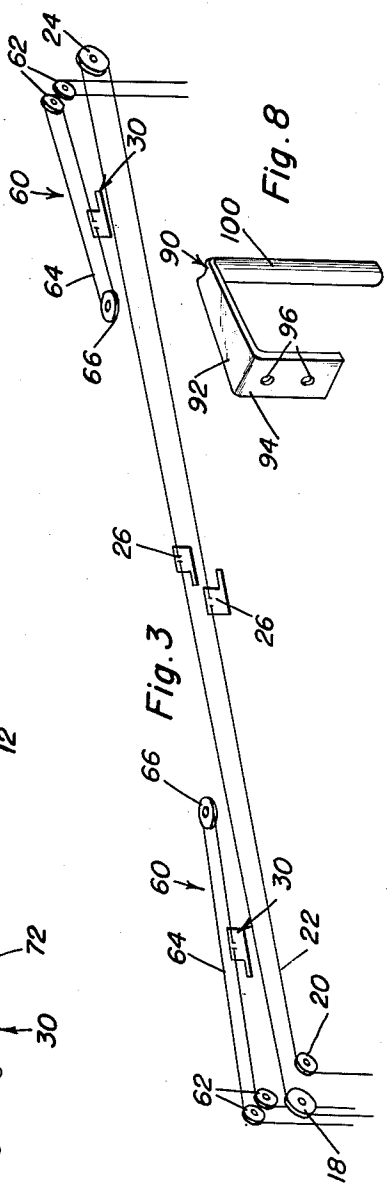


Fig. 3

Fig. 8

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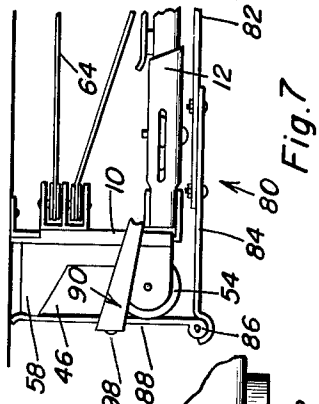


Fig. 7

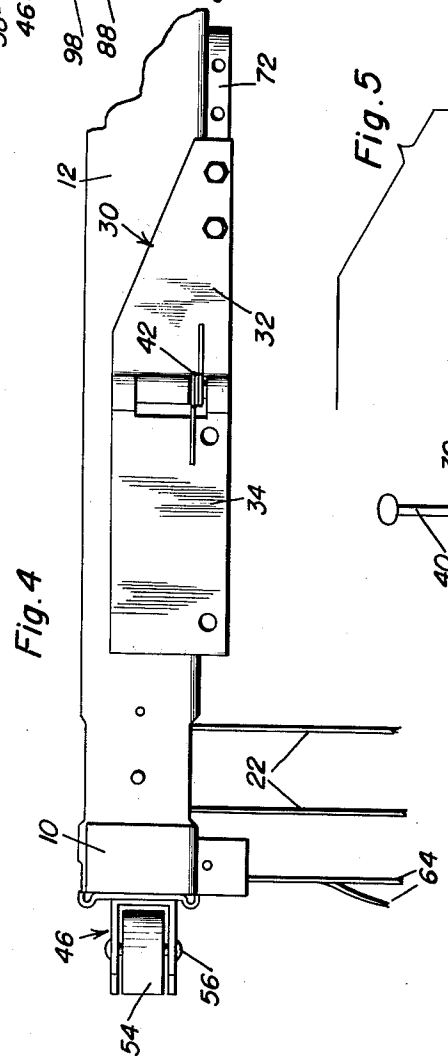


Fig. 4

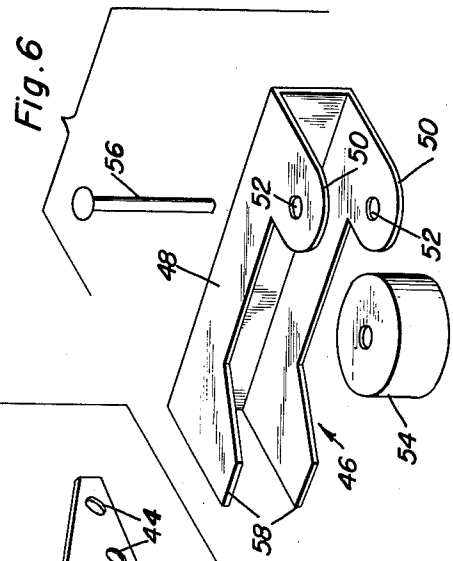


Fig. 6

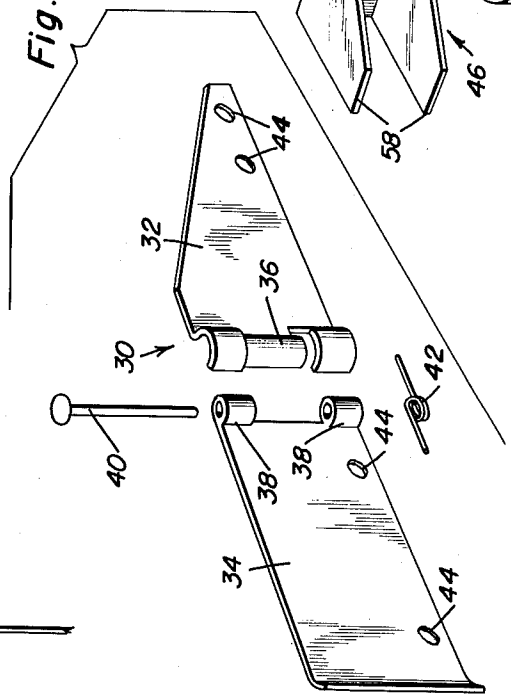


Fig. 5

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DRAPERY SUPPORT

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12 Claims. (Cl. 160—123)

This invention relates in general to curtain supports, and more specifically to a support for draw draperies.

The present trend in house construction is to provide enlarged windows for rooms, such as living rooms and dining rooms in particular, with such windows including an enlarged central fixed or picture window and a pair of side windows which are openable for ventilating purposes. However, the trend is also to utilize draw draperies in conjunction with such windows. Inasmuch as the normal drapery fixtures are such that draw draperies can be opened from the center towards the ends, it is readily apparent that the openable end windows are partially, if not completely, covered by the draw draperies, even when in their open positions.

It is therefore the primary object of this invention to provide an improved drapery support which is so constructed whereby draw draperies suspended therefrom may be selectively opened either from the center towards the ends or from the ends towards the center so that any portion of a window provided with such draw draperies may be uncovered, as desired.

Another object of this invention is to provide an improved master slide for draw drapery support fixtures, the master slide being formed in sections pivotally connected together, the sections being so related whereby one of the sections automatically moves about an end of the drapery support as the master slide moves toward the end thereof so that the draw drapery carried by the master slide is pulled about the end of the drapery support and conceals the same.

A further object of this invention is to provide an improved drapery support fixture for facilitating the opening of the end portions of draw draperies, the drapery support fixture being so constructed whereby it may be attached to conventional draw drapery supports.

These together with other objects and advantages which will become subsequently apparent reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming a part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a top plan view of an end portion of a drapery support employing the auxiliary draw drapery fixture which is the subject of this invention and shows the master slide of the auxiliary draw drapery support as being in a draw drapery open position;

Figure 2 is a top plan view similar to Figure 1 and shows the master slide of Figure 1 moved to a position overlying the end of the draw drapery support;

Figure 3 is a perspective view on a smaller scale of the cord assemblies and master slides of an entire draw drapery support including the auxiliary draw drapery support which is the subject of this invention;

Figure 4 is a fragmentary elevational view of the draw drapery support of Figure 1 and show the relationship of the various parts thereof;

Figure 5 is an enlarged exploded perspective view of the master slide;

Figure 6 is an enlarged exploded perspective view of the guide associated with the master slide;

Figure 7 is a fragmentary top plan view of one corner of the drapery support and shows a slightly modified form of auxiliary master slide; and

Figure 8 is an enlarged perspective view of a guide utilized in combination with the auxiliary master slide.

A normal draw drapery support includes a pair of end supports, such as the end support **10**, which have extending therebetween a traverse rod **12**. The end supports **10** are secured to a wall, such as the wall **14**, so as to space the traverse rod **12** outwardly therefrom. The traverse rod **12** is also supported, preferably as its third points, by intermediate supports **16**.

As is best illustrated in Figure 3, the traverse rod **12** is provided adjacent one end thereof with a pair of pulleys **18** and **20** which have entrained thereover ends of an elongated cord **22**. The cord **22** has an intermediate portion thereof entrained over a pulley **24** carried at the opposite end of the traverse rod **12**. Carried by the two parts of the cord **22** which extend between the pulley **24** and the pulleys **18** and **20** are master slides **26**. The master slides **26** face in opposite directions and are slidably carried by the traverse rod **12** for movement therealong. The master slides **26** have connected thereto opposed inner ends of draw draperies (not shown) and the draw drapery ends are either pulled together or forced apart by movement of the cord **22**. Although there has not been illustrated the same, there are carried by the average traverse rod **12** a plurality of small slides, from which intermediate portions of the draw draperies (not shown) are suspended.

The conventional draw drapery support provides only for the opening and closing of the draw draperies from the center. In order to open and close draw draperies from the ends, there is provided the auxiliary draw drapery support attachment which is the subject of this invention, the attachment being referred to in general by the reference numeral **28**. The draw drapery support attachment **28** includes an auxiliary master slide **30** which is carried by the traverse rod **12** for sliding movement therealong at one end thereof.

Referring now to Figure 5 in particular, it will be seen that the auxiliary master slide **30** includes a first end section **32** and a second end section **34**. The end sections **32** and **34** are provided with cooperating hinge eyes **36** and **38**, respectively, which have passed therethrough a hinge pin **40** pivotally connecting the sections **32** and **34** together. Carried by the hinge pin **40** and cooperating with the sections **32** and **34** to urge the section **34** out of alignment with the section **32** is a spring **42**. The sections **32** and **34** are provided with suitable openings **44** adjacent the lower edges thereof for receiving hangers (not shown) for a draw drapery.

The auxiliary draw drapery support attachment **28** also includes a guide member which is referred to in general by the reference numeral **46**. The guide member **46** is secured to its associated end support **10** and, as is best illustrated in Figure 6, includes a generally channel-shaped bracket **48**. The bracket **48** includes a pair of forwardly disposed ears **50** having vertically aligned openings **52** therein. Disposed between the ears **50** is a roller **54** which is retained in place between the ears **50** by a pin **56** extending through the apertures **52**. The bracket **48** also includes a pair of rearwardly disposed ears **58**.

The auxiliary drapery support attachment **28** further includes a cord assembly which is referred to in general by the reference numeral **60**. The cord assembly **60** includes a first pulley assembly **62** carried by the support **10**. The pulley assembly **62** has entrained thereover end portions of a cord **64**. An intermediate portion of the cord **64** is entrained over a pulley **66** carried by a bracket

68 secured to the intermediate support 16. The cord 64 is also adjustably secured to the auxiliary master slide 30, as at 70.

Referring now to Figure 2 in particular, it will be seen that when the master slide 30 is in a draw drapery closing position, the section 32 thereof is disposed in parallel relation with respect to the traverse rod 12 and is supported by an end portion thereof. At the same time, the section 34 has been urged at right angles to the section 32 by the spring 42 and is disposed in overlying relation with respect to the end support 10 and in engagement with the guide member 46. It is to be noted that the section 34 engages both the roller 54 and the ears 58 which have coplanar outer surfaces. Inasmuch as a draw drapery (not shown) is suspended directly from the section 34, it will be seen that the section 34 will retain the draw drapery in a drapery support hiding position.

When it is desired to open the draw drapery (not shown) from an end thereof in lieu of from the center, the cord 64 has one end thereof pulled on to move the master slide 30 to the right, as viewed in Figures 1 and 2. The movement of the master slide 30 to the right results in the pulling of the section 34 over othe roller 54 to a point where it lies almost coplanar with the section 32, as is best illustrated in Figure 1. The draw drapery attached to the master slide 30 may then be continued to be moved to the right, as viewed in Figure 1 to an open position from the end thereof. It is to be noted that there is carried by the section 32 an auxiliary draw drapery hanger 72.

As the master slide 30 is moved to the left, as viewed in Figures 1 and 2, to a draw drapery closing position, the section 34 has a curved end 74 thereof in constant engagement with the traverse rod 12 until such time as it becomes engaged with the roller 54. The section 34 then follows around the roller 54 to the position of Figure 2.

It is to be understood, as is best illustrated in Figure 3, that opposite ends of the traverse rod 12 will be provided with the auxiliary drapery support attachment 28. In this manner, a draw drapery may be opened from both ends thereof as well as from the center.

Referring now to Figure 7, it will be seen that there is illustrated in use with the drapery support assembly a modified form of auxiliary master slide which is referred to in general by the reference numeral 80. The master slide 80 includes a conventional type of master slide bracket 82 which is slidably mounted on the traverse rod 12. Secured to an arm portion of the master slide 82 is a first auxiliary master slide section 84 which forms an extension of the arm of the master slide. Pivotally connected to the section 84 by a pivotal connection 86 is a second auxiliary master slide section 88.

The section 88 is intended to be disposed in alignment with the section 84 when the auxiliary master slide 80 is disposed intermediate the length of the traverse rod 12. However, when the auxiliary master slide 80 is slid to one end of the traverse rod 12, the section 88 is to be disposed about the end of the traverse rod and its end support 10 so as to conceal the end support 10. In order to accomplish this, there is provided a guide bracket which is best illustrated in Figure 8.

The guide bracket, which is referred to in general by the reference numeral 90, includes a flat upper portion 92 having a depending leg 94 at one end thereof. The leg 94 is provided with openings 96 for receiving suitable fasteners 98 to secure the guide bracket 90 to the section 88.

The guide bracket 90 also includes a rounded depending leg 100 which is intended to be disposed inwardly of the traverse rod 12 and to engage the end support 10 as the auxiliary master slide 80 moves to the end of the traverse rod 12 so that it will automatically pull the section 88 around the roller 54 and into contacting engagement with the bracket 58.

From the above description of the invention, it is readily apparent that it may be attached to existing types of draw drapery fixtures with minor modifications therein, and that it in no way detracts from the attractiveness of draw draperies carried thereby.

From the foregoing, the construction and operation of the device will be readily understood and further explanation is believed to be unnecessary. However, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the appended claims.

What is claimed as new is as follows:

1. For use in combination with a drapery support for draw draperies of the type including a traverse rod, an end master slide, said master slide being adapted to be supported on an outer end of a traverse rod and support an end of a drapery half, said master slide being formed in sections pivotally connected together, said sections being spring urged out of alignment whereby one of said sections extends about an end of a drapery support when said master slide is at an end of a traverse rod.

2. For use in combination with a drapery support for draw draperies of the type including a traverse rod, an end master slide, said master slide being adapted to be supported on an outer end of a traverse rod and support an end of a drapery half, said master slide being formed in sections pivotally connected together, said sections being spring urged out of alignment whereby one of said sections extends about an end of a drapery support when said master slide is at an end of a traverse rod, an auxiliary cord assembly connected to said master slide for selectively opening a draw drapery from an end thereof.

3. For use in combination with a drapery support for draw draperies of the type including a traverse rod, an end master slide, said master slide being adapted to be supported on an outer end of a traverse rod and support an end of a drapery half, said master slide being formed in sections pivotally connected together, said sections being spring urged out of alignment whereby one of said sections extends about an end of a drapery support when said master slide is at an end of a traverse rod, a guide member adapted to be mounted at an end of a drapery support, said one section engaging said guide member and being guided thereby when moving about an end of a drapery support.

4. For use in combination with a drapery support for draw draperies of the type including a traverse rod, an end master slide, said master slide being adapted to be supported on an outer end of a traverse rod and support an end of a drapery half, said master slide being formed in sections pivotally connected together, said sections being spring urged out of alignment whereby one of said sections extends about an end of a drapery support when said master slide is at an end of a traverse rod, a guide member adapted to be mounted at an end of a drapery support, said one section engaging said guide member and being guided thereby when moving about an end of a drapery support, said guide member including a roller engaged by said one section.

5. A drapery support for draw draperies comprising a pair of end supports, a traverse rod extending between and supported by said end supports, a master slide slidably carried by at least one end of said traverse rod, said master slide being formed in sections pivotally connected together, said sections being urged out of alignment with each other and having one section disposed around one of said end supports when said master slide is at an end of said traverse rod.

6. A drapery support for draw draperies comprising a pair of end supports, a traverse rod extending between and supported by said end supports, a master slide slidably carried by at least one end of said traverse rod, said master slide being formed in sections pivotally connected together, said sections being urged out of alignment with each other and having one section disposed

around one of said end supports when said master slide is at an end of said traverse rod, a guide member carried by one end support, said one section engaging said guide member and being guided thereby.

7. A drapery support for draw draperies comprising a pair of end supports, a traverse rod extending between and supported by said end supports, a master slide slidably carried by at least one end of said traverse rod, said master slide being formed in sections pivotally connected together, said sections being urged out of alignment with each other and having one section disposed around one of said end supports when said master slide is at an end of said traverse rod, a guide member carried by one end support, said one section engaging said guide member and being guided thereby, said guide member including a roller engaged by said one section.

8. A drapery support for draw draperies comprising a pair of end supports, a traverse rod extending between and supported by said end supports, a master slide slidably carried by at least one end of said traverse rod, said master slide being formed in sections pivotally connected together, said sections being urged out of alignment with each other and having one section disposed around one of said end supports when said master slide is at an end of said traverse rod, an intermediate support for said traverse rod, a cord assembly carried by said one end support and said intermediate support connected to said master slide for moving the same along said traverse rod to facilitate opening of draw draperies from an end thereof.

9. A drapery support for draw draperies comprising a pair of end supports, a traverse rod extending between and supported by said end supports, a master slide slidably carried by at least one end of said traverse rod, said master slide being formed in sections pivotally connected together, said sections being urged out of alignment with each other and having one section disposed around one of said end supports when said master slide is at an end of said traverse rod, an intermediate support for said traverse rod, a cord assembly carried by said one end support and said intermediate support connected to said master slide for moving the same along said traverse rod to facilitate opening of draw draperies from an end thereof, centrally disposed master slides carried by said traverse rod, a main cord assembly carried by said traverse rod and connected to said centrally disposed

master slides for opening draw draperies from the center thereof.

10. For use in combination with a drapery support for draw draperies of the type including a traverse rod, an end master slide, said master slide being adapted to be supported on an outer end of a traverse rod and support an end of a drapery half, said master slide being formed in sections pivotally connected together, means connected to one of said sections urging said one section out of alignment with the other of said sections when at an end of an associated traverse rod, whereby said one section extends about an end of a drapery support when said master slide is at an end of a traverse rod.

11. For use in combination with a drapery support for draw draperies of the type including a traverse rod, an end master slide, said master slide being adapted to be supported on an outer end of a traverse rod and support an end of a drapery half, said master slide being formed in sections pivotally connected together, means connected to one of said sections urging said one section out of alignment with the other of said sections when at an end of an associated traverse rod, whereby said one section extends about an end of a drapery support when said master slide is at an end of a traverse rod, said means being in the form of a spring disposed in the connection between said sections.

12. For use in combination with a drapery support for draw draperies of the type including a traverse rod, an end master slide, said master slide being adapted to be supported on an outer end of a traverse rod and support an end of a drapery half, said master slide being formed in sections pivotally connected together, means connected to one of said sections urging said one section out of alignment with the other of said sections when at an end of an associated traverse rod, whereby said one section extends about an end of a drapery support when said master slide is at an end of a traverse rod, said means being in the form of a guide arm engageable with a traverse rod support.

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