Dec. 4, 1934. T. KLÜGLEIN 1,983,467

ADJUSTABLE DEVICE FOR CURTAINS AND DRAPERIES

Filed Dec. 16, 1933

Fig. 1.

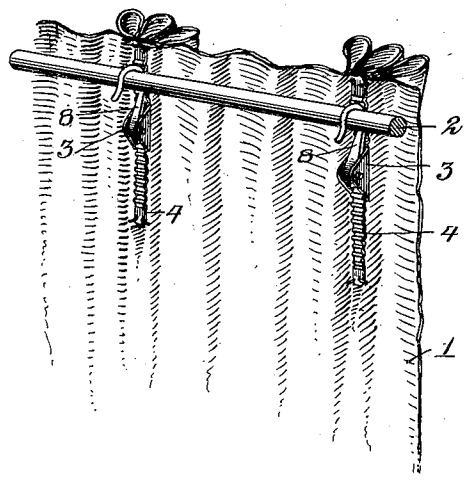


Fig. 2.

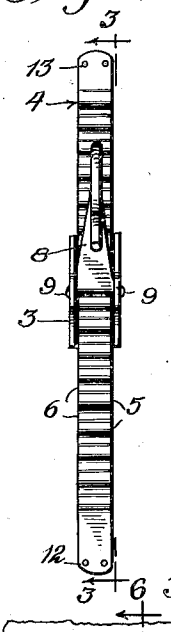


Fig. 3.

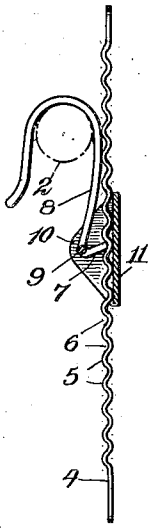


Fig. 4.

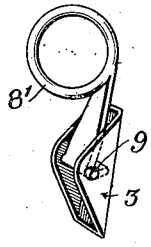


Fig. 5.

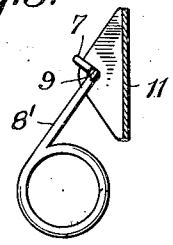


Fig. 6.

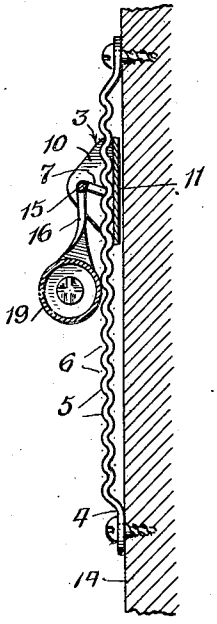
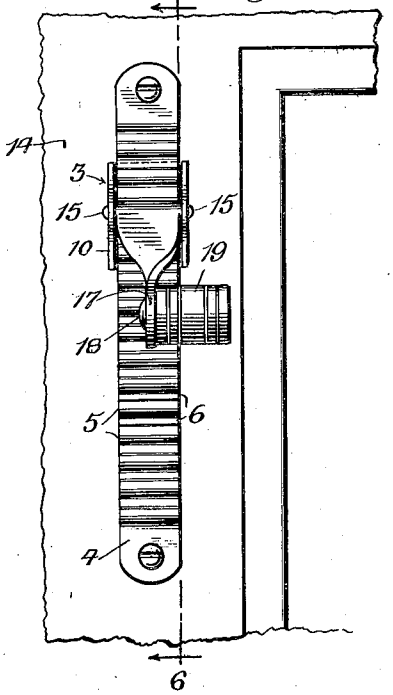


Fig. 7.



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ADJUSTABLE DEVICE FOR CURTAINS AND DRAPERIES

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9 Claims. (Cl. 156—21)

This invention relates to adjustable supports and particularly to an improved adjustable support for curtains, draperies and the like, the object being to provide a construction which will be normally hidden and which will be quickly and easily adjusted to vary the height of the curtain or drapery.

Another object of the present invention is to provide a curtain or drapery support which is formed in two principal parts, one being connected to the curtain or drapery permanently or substantially permanently, and the other slidably mounted thereon.

An additional object, more specifically, is to provide a support wherein there is presented a corrugated supporting member adapted to be connected permanently or substantially permanently to a curtain, wall or other object, and to have slidingly mounted thereon and disengageably gripping the same a hook, loop or other device for engagement with a pole or other member.

In the accompanying drawing—

Figure 1 is a fragmentary perspective view of a curtain with an embodiment of the invention shown applied thereto;

Figure 2 is an elevation of the embodiment of the invention shown in Figure 1, the same being on an enlarged scale;

Figure 3 is a sectional view through Figure 2 on the line 3—3;

Figure 4 is a perspective view showing a modified form of sliding member to that illustrated in Figure 2;

Figure 5 is a sectional view showing the structure illustrated in Figure 4, but illustrating the same in a different position;

Figure 6 is a sectional view through Figure 7 on the line 6—6;

Figure 7 is an elevation showing part of a window frame with a modified form of the invention to that illustrated in Figure 2.

Referring to the accompanying drawing by numerals, 1 indicates a curtain or drapery, as desired, the same being adapted to be supported by the usual rod 2. Any desired number of supporting members 3 may be provided for connecting the curtain to the rod. These supporting members 3 are all formed identically and a description of one will apply to all. These members are shown more in detail in Figures 2 and 3 to which reference is now made. In these figures it will be observed that the support is provided with a supporting strip 4 which may be of any desired material, for instance, metal. This support is shown as corrugated but it may be smooth on one surface and notched on the other, if desired. The main desirable feature as far as the corrugation is concerned is the various spaced raised portions 5 having the depressions 6 arranged therebetween. These depressions are adapted to receive the clamping end 7 of a hook 8, which hook is provided with laterally extending pins 9 extending through the respective ears 10 upstanding from the base plate 11. The hook 8 is adapted to be fitted over the pole 2, as shown in Figure 1, and then the base plate 11 or the ears 10 are grasped and slid upwardly or downwardly according to the height at which it is desired to support the curtain 1. It will be understood that the strip 4 is secured to the curtain 1 preferably in a permanent manner, for instance, by having suitable stitching extending through the various openings 12 and 13. Preferably the various strips 4 extend from the top end of the curtain downwardly, and when the parts are in operative position, as shown in Figure 1, adjustment of the ears 10, base plate 11 and hook 8 upwardly or downwardly will make a corresponding adjustment of the curtain 1.

When the parts are in the position shown in Figure 3 the cam 7 locks the various parts together so that there will be no sliding or movement of the hook 9 in respect to the strip 4 or the curtain 1. When it is desired to adjust the parts, the hook 8 is lifted off the pole 2 and swung downwardly until the cam 7 is disengaged, after which the parts are moved upwardly or downwardly, then the hook 8 is swung back to the position shown in Figure 3, whereupon the cam 7 will engage the strip 4 in one of the notches 6.

Instead of using the hook as shown in Figure 3 a ring 8' might be used as shown in Figures 4 and 5. Aside from the ring formation the structure shown in these two figures are identical to that shown in Figure 3 and function in the same manner.

Under some circumstances the same support may be used for supporting the pole 2 or some other object. When it is desired to support the pole 2 the parts are arranged as shown in Figures 6 and 7. It will be understood that the supports as shown in Figures 6 and 7 may be used to support the pole 2, and the support as shown in Figure 3 might be used at the same time for mounting the curtain on the pole. As shown in Figures 6 and 7 the strip 4 is secured to the window frame or door frame 14, or to

any part of a wall as desired. The base plate 11 and ears 10 are of the same structure as shown in Figure 3, as well as the cam 7. However, the cam 7 not only merges into supporting lugs or pins 15 but into an arm 16 which is twisted and formed with an apertured head 17. Preferably a rivet 18 extends through the apertured head 17 and through the bottom of the tubular member 19. The tubular member 19 is open at one end and closed at the opposite end, except for the aperture through which the rivet 17 passes. It will be understood that one of the devices shown in Figure 7 is at each side of the window or door, and that the pole 2 is adapted to have its respective ends inserted into the respective tubular members 19 whereby a proper support will be provided for the pole 2. The adjustment upwardly or downwardly is the same as set forth with reference to Figure 3. It will thus be seen that the pole may be readily moved upwardly or downwardly within the limits of the strip 4, which may be of any desired length. It will also be understood that, in addition to this adjustment, the curtain 1 may be adjusted upwardly or downwardly. Under some circumstances it may be desired to adjust certain parts of the curtain upwardly or downwardly more than others, and this may be accomplished by properly distributing the supporting structures 3 as illustrated in Figure 1 and then adjusting one of the supports more than the others.

While the corrugations are desirable, and particularly the recesses 6, it will be evident that the strip 4 can be made smooth or comparatively smooth and the cam 7 caused to pinch against the same sufficiently to provide the proper grip, but where comparatively heavy draperies, or a heavy pole is adapted to be supported, the recesses 6 with the corresponding raised portions 5 are desirable, as this presents a positive arrangement which will give absolute positive support without any chance of sliding.

I claim:

1. A support for curtains, draperies, poles and the like, comprising a corrugated strip provided with openings for receiving fastening means, and a sliding structure coacting with said strip, said sliding structure including a cam interlocking with the corrugations of the corrugated strip, and a supporting member acting to hold the cam in place when tension is brought to bear thereon.

2. A support of the character described including a corrugated strip adapted to be connected to an object, a U-shaped sliding member straddling said strip, and a third member pivotally mounted on said sliding member, said third member being formed with means for pressing the strip against the second mentioned member to hold the said member in a given position in respect to the strip, and means for engaging a pole or other member.

3. A support of the character described, comprising a strip adapted to be secured to an object, a slide straddling said strip, and a clamp for clamping the slide to said strip at different points along the strip, said clamping member including a structure for receiving an object.

4. An adjustable support of the character described comprising a strip, means at the ends of said strip for securing the strip to a supported device, a U-shaped member straddling said strip, said U-shaped member being slidable longitudinally of said strip and a swinging member carried by said U-shaped member, said swinging member having journal members extending into said U-shaped member, a cam for engaging said strip and pressing the same against the bottom of said U-shaped member, and a supporting structure for manipulating the cam and holding the cam in operative position.

5. An adjustable support including a strip, a substantially U-shaped member straddling said strip, said straddling member being freely slidable along said strip, and means carried by said U-shaped member for clamping the straddling member to said strip, said means including a member adapted to receive an article.

6. An adjustable support including a strip, a U-shaped member slidingly mounted on said strip, a clamp for clamping said U-shaped member to said strip, and means forming an eye for causing said clamp to function.

7. An adjustable support including a strip, a sliding member carried by said strip, a clamping member for causing the sliding member to grip said strip, means extending from said clamp for causing the clamp to function, said means being formed with an aperture, a tubular member having an apertured bottom, and means extending through said apertured bottom for clamping the tubular member to said apertured member.

8. An adjustable support for a curtain including an elongated supporting strip adapted to be mounted on a curtain and stationary in respect thereto, an article-receiving member, and means for clamping said article-receiving member to said strip at any point between its ends.

9. An adjustable support including a corrugated strip, a substantially U-shaped slide straddling said strip with the two upstanding walls of the slide extending beyond the strip, a cam pivotally mounted on said walls in a position to engage said strip and press the same against the sliding member, and a hook for actuating said cam.

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