

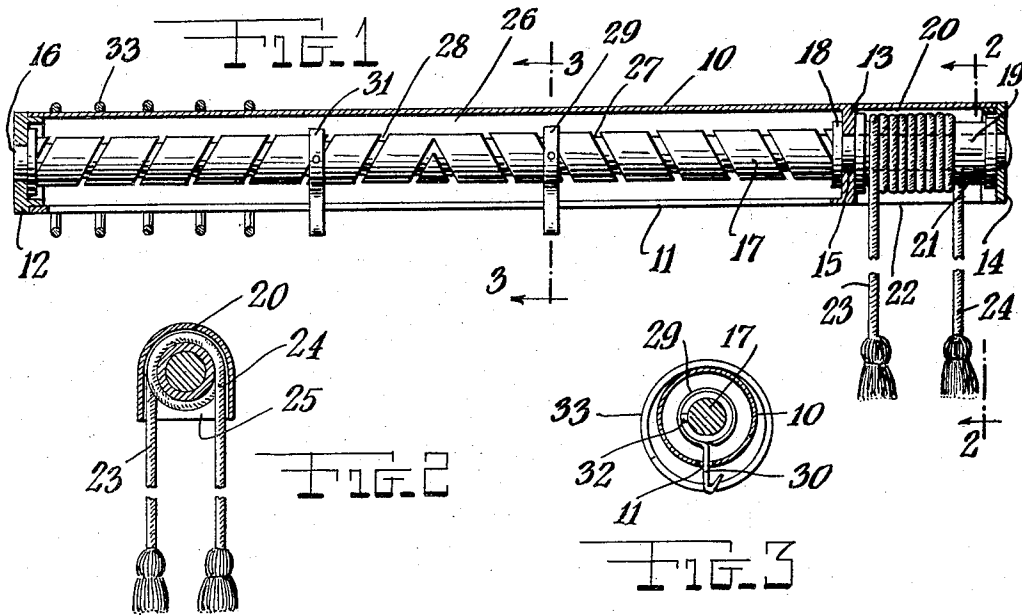
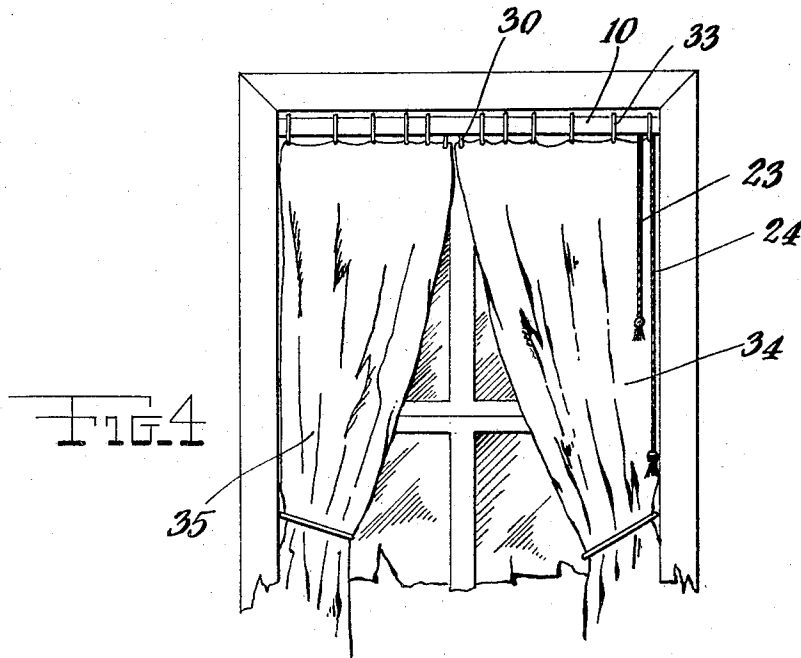
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ADJUSTABLE PORTIÈRE HANGER

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ADJUSTABLE PORTIÈRE HANGER

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The main object of this invention is to provide a device from which curtains or portières are suspended in such fashion that they may be manipulated to either spread the curtains apart or bunch them.

Another object of the invention is to provide a rod for suspending curtains or portières in which a rotatable helically channelled spindle is located, the adjacent ends of the curtains, or portières being supported upon the spindle in such manner that thru rotation of the spindle the portières may be spread or bunched as desired.

The above and other objects will become apparent in the description below in which characters of references refer to like-named parts in the drawings.

Referring briefly to the drawings, Figure 1 is a longitudinal sectional elevational view of the spreader rod showing the spindle and means of rotating the spindle mounted within the structure.

Figure 2 is a cross sectional view taken on line 2—2 of Figure 1.

Figure 3 is a cross sectional view thru the curtain or portières suspension hook, the section being taken on line 3—3 of Figure 1.

Figure 4 is a front elevational view of a window casing, showing the curtains in spread condition, and illustrating the application of the spreader rod.

Referring in detail to the drawings, the numeral 10 indicates the cylindrical barrel which is surmounted at one end by a cap 12. This barrel is provided intermediate its length with a dividing wall 13, and at the extreme opposite end of the barrel a second closure cap 14 is secured. Between the dividing wall 13 and the cap 12 a longitudinal slot 11 is formed thruout the length of the barrel between the two stated members for purposes which will be more fully hereinafter described. Axially in the caps 12 and 14, and in the dividing wall 13, bores 15 are formed and receive the reduced portions 16 of a spindle 17. At a position near one end and intermediate its length, flanges 18 are formed upon the spindle to provide thrust surfaces when the spindle is rotated. One end of said spindle has a reduced diameter 19 enclosed and

housed within a chamber 20 provided between the dividing wall 13 and the cap 14. Said reduced end 19 of the spindle has a drum 21 secured thereon upon which is wound an ornamental rope 22. Both ends of this rope 23 and 24 depend tangentially from the periphery of the drum and extend downwardly thru the open mouth 25 of the chamber 20. Section 2 clearly illustrates the construction of that portion of the barrel which encloses the drum 21. A second chamber 26 in the housing receives and encloses the spindle 17. Half the length of the spindle is provided with a right hand helical channel 27, while the remaining half of the spindle is similarly provided with a left hand helical channel 28. The right hand end of the spindle has engaged and movable thereon a ring 29 from which a hooked member 30 depends, said hooked member being suspended thru the slot 11 of the barrel. A second companion ring 31 is mounted upon that portion of the spindle in which the left hand helical channel 28 is formed. Both of these ring members 29 and 31 as shown completely involve the spindle and at one position thereon is provided with an internally and radially projecting pin 32 which registers in the helical channel with which the particular ring member 29 or 31 co-operates. The barrel 10 of the device forms a guide and support for a plurality of circular or elongated split ring members 33. The device is adapted for use where curtains are to be spread half way across the width of a window, or bunched adjacent the upright side of the casing. The major marginal edge of a pair of curtains or portières such as indicated by the numerals 34 and 35 are suspended from the split rings 33, which in turn are supported upon the barrel 10 of the spreader device. The abutting corners at the upper marginal edges of these curtains or portières are suspended from the hooks 30 of the companion rings 29 and 31. It is to be noted that in the adjustment of these hooks, or the original placing of the same, the stated hook members are arranged an equal distance from the center of the spindle, or from the location where the right and left hand helical channels 27 and 28

meet. As these hook members 30 suspend from the spindle near the center of the latter, the upper marginal edge of the curtains 34 and 35 are spread across half the window as indicated in Figure 4. To spread or bunch these curtains as previously described, manipulation of the ropes 23 and 24 is all that is necessary. To separate the curtains or portières, the rope 24 is thrown downwardly by the person using the device. When it is desired to bunch these curtains adjacent the casing upright of the window, the opposing rope 23 is pulled. By pulling either of these ropes the drum 21 fixed to the reduced end 19 of the spindle is rotated, and thru this operation the spindle is likewise turned. Rotation of this spindle will move the rings thru the medium of the helical channels 27 and 28 in either opposing directions, or toward each other, accordingly to which rope is manipulated. In this manner a novel type of curtain rod is provided which will permit the hanging of curtains or portières, and allow an adjustable amount of sun light into the room by providing means which mechanically spread or bunch the curtains, or portières as desired.

It is to be noted that certain changes in form and construction may be made without departing from the spirit and scope of the invention.

I claim:

A curtain spreader comprising a longitudinal barrel having a longitudinal slot therein, a spindle rotatable in said barrel, split rings mounted loosely on said barrel, a pair of rings mounted on said spindle, hooks depending from said rings, said hooks being adapted to have the corners of curtains suspended therefrom, a drum on said spindle, a rope wound about said drum having depending ends, said rope ends depending from opposite sides of said drum and being adapted to rotate said drum in either direction, said rope being adapted to rotate said spindle, right and left hand helical channels formed in said spindles, pins projecting inwardly from said rings, said pins registering in said helical channels, said spindle when rotated being adapted to shift said rings materially toward each other, or away from each other synchronously.

In testimony whereof I affix my signature.

HANS MEIER.

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