March 26, 1963 M. JUDOVITS 3,082,818

DRAPE AND DRAPE HANGING DEVICE

Filed Nov. 2, 1960 2 Sheets-Sheet 1

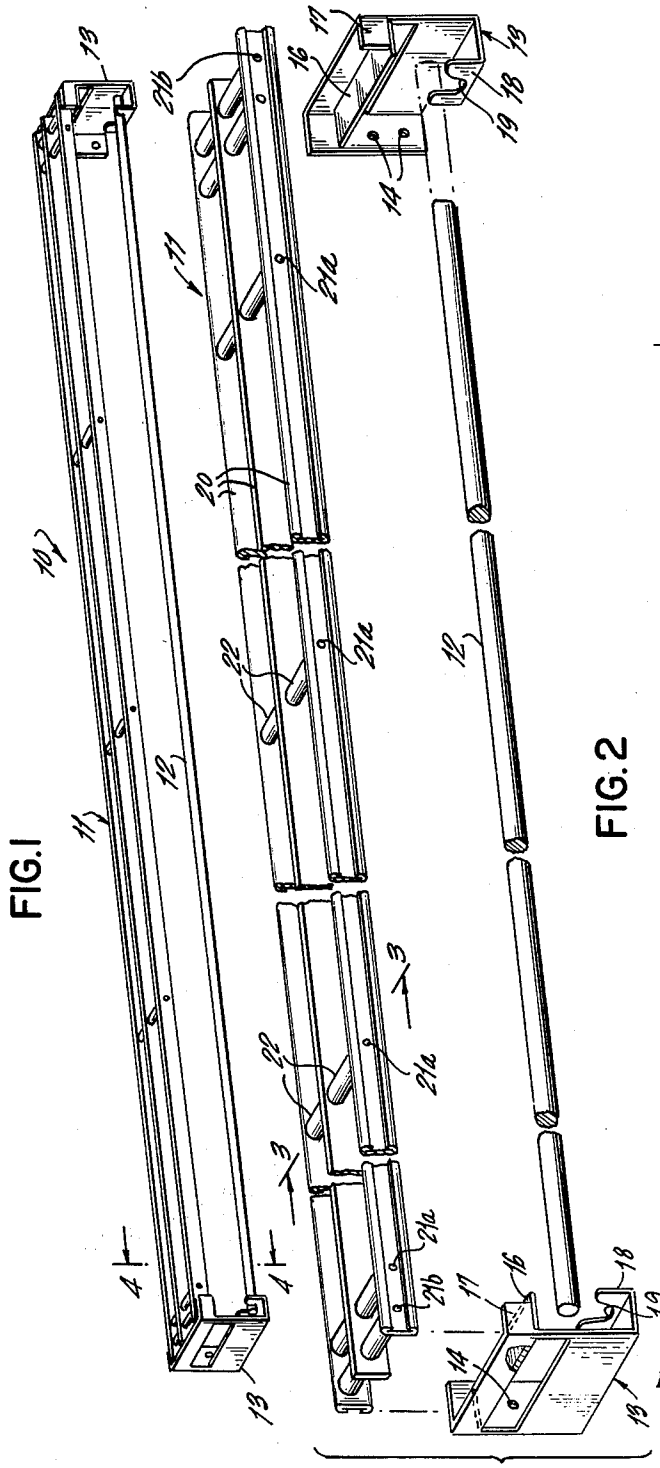

FIG. 1

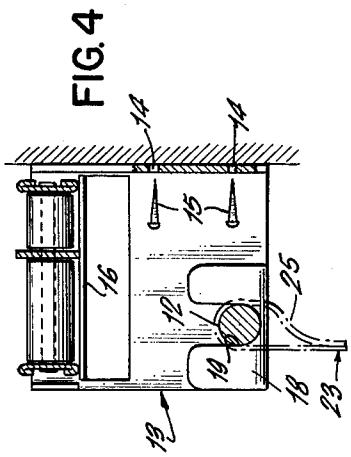

FIG. 4

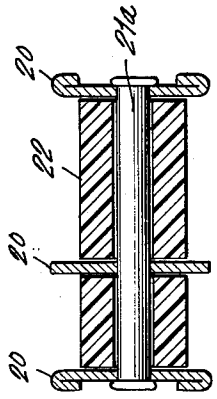

FIG. 2

FIG. 3

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DRAPE AND DRAPE HANGING DEVICE

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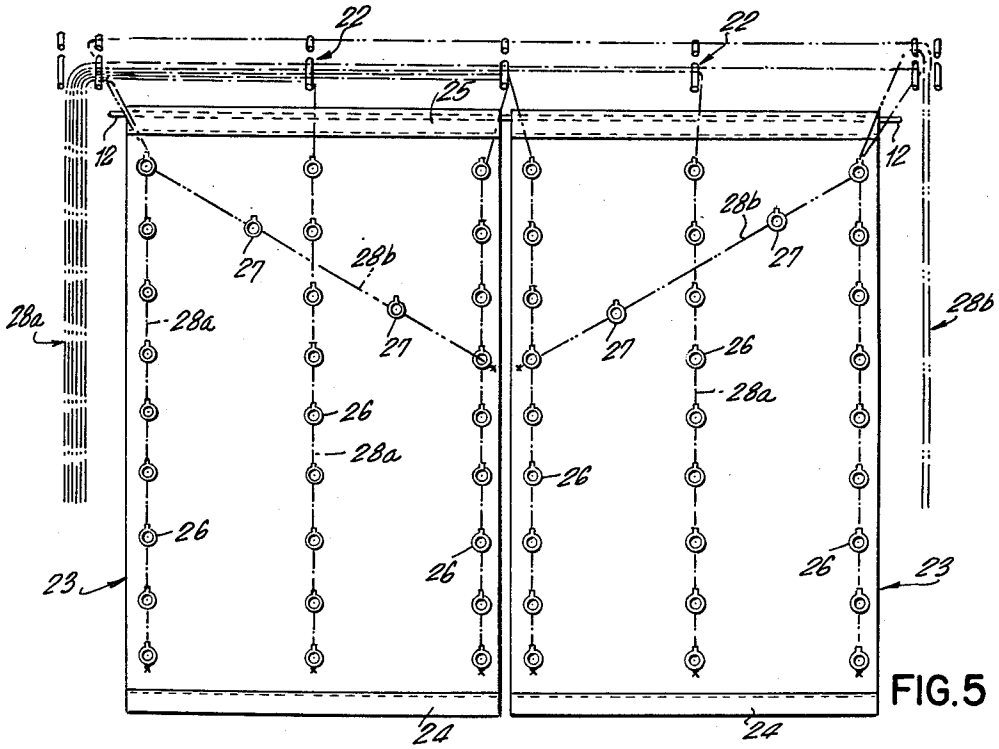

FIG. 5

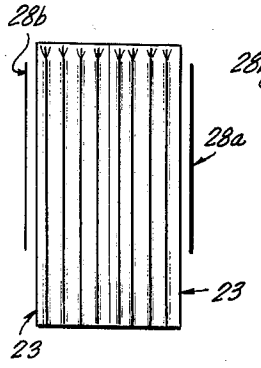

FIG. 6

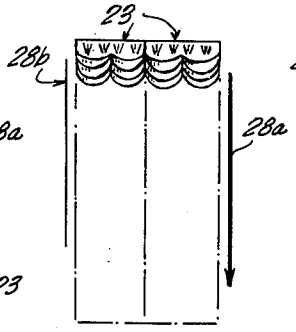

FIG. 7

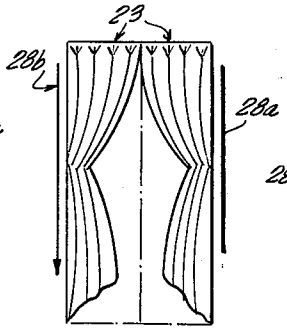

FIG. 8

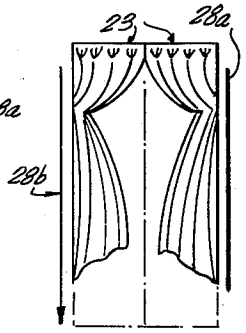

FIG. 9

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DRAPE AND DRAPE HANGING DEVICE

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2 Claims. (Cl. 160—344)

This invention relates to the field of drapes, curtains and the like, and has for its objective the creation of a drape and drape hanging combination by which the drapes are hung in such fashion that they can be selectively adjusted to assume a variety of desirable shapes and appearances.

In the present state of the art drapes and curtains are customarily hung upon a rod and manually adjusted thereon to a fixed position and appearance. Modifications of such present types of rods provide rail and pulley means to draw the drapes apart and together, or, in another type of modification, to raise and lower them in a vertical manner, all by means of draw cords connected to the tops or bottoms of the drapes. Invariably such drape rod constructions are made for movement in one direction only, either vertically or horizontally.

It is therefore the principal object of my invention to create a combination drape and drape hanging device by means of which the drapes can be selectively positioned to a variety of diversified shapes and positions merely by manipulation of selected draw cords by which the drapes are secured to the drape hanging device.

Another important object of my invention lies in the construction of a combination drape and drape hanging device which requires no decorative skill to operate in order to attain the desired appearances.

A third important object of my invention is the creation of a combination drape and drape hanging device which is inexpensive to manufacture and easy to install.

Yet another important object of my invention is the creation of a drape and drape hanging device in such a manner that two or more sets can be arranged in a series to provide multiple-shape effects.

Other salient objects, advantages and diverse functional features of my invention, together with the novel features of construction and arrangement of parts, will be more readily apparent from an examination of the following specification, taken with the accompanying drawings, wherein:

FIG. 1 is a perspective view of a preferred embodiment of the drape hanging device of my invention;

FIG. 2 is an enlarged exploded view of the embodiment shown in FIG. 1;

FIG. 3 is an enlarged cross-sectional view taken on lines 3—3 of FIG. 2;

FIG. 4 is an enlarged cross-sectional view taken on lines 4—4 of FIG. 1;

FIG. 5 is an enlarged rear view of a preferred embodiment of the drapes of my invention, with a schematic view of the hanging device shown in FIG. 1, showing manner of attachment of the drapes to the hanging device; and

FIGS. 6–9 are reduced front views of the drapes of FIG. 5 showing different shapes assumed by the drapes when selectively adjusted.

Similar reference characters designate similar parts throughout the different views.

Illustrative of the embodiments shown, my drape hanging device **10** comprises a multiple rod **11** and a pole **12** secured in parallel relationship to each other by means of a pair of supporting brackets **13** to a wall or window frame (not shown). Each of the brackets **13** is L-shaped, the shorter side being provided with holes **14** through which the brackets **13** are secured to a wall or window frame by means of screws **14**. The longer sides of the

brackets **13** are each provided with a shelf **16** adapted to support one end of the multiple rod **11**, the shelf **16** terminating with an abutment **17** to secure the rod **11** thereon. Below the shelf **16** each bracket **13** is provided with a vertical ridge **18** having an arcuate opening **19** adapted to receive and support one end of the pole **12**.

The multiple rod **11** is composed of three substantially flat bars **20** secured together in parallel, spaced relationship to each other by means of a series of spaced pins **21***a* and **21***b*, the intermediate pins **21***a* being equally spaced from each other and the pins **21***b* being each spaced close to its adjoining pin **21***a*, as shown. Each of the pins **21***a* and **21***b* is enclosed in a rotatable sleeve **22** to facilitate movement of drape cords across the sleeves, as will hereinafter be described. The front bar **20** is spaced from the middle bar **20** twice the distance between the rear bar **20** and middle bar **20**, so that the pins **21***a* and **21***b* between the front and middle bars **20** are twice the length of the pins **21***a* and **21***b* between the rear and middle bars **20**, in order to support a larger number of draw cords, as will appear.

Coming now to the drapes of my invention, I provide a pair of drapes **23** provided with bottom seams **24** and top seams **25**, the latter acting as sleeves through which the pole **12** is passed so as to support the drapes **23** upon the brackets **13**. As shown by FIG. 5, each of the drapes **23** is provided on its rear surface with three vertical rows of loops or rings **26** which are sewn or otherwise secured to the rear surface of the drape **23**, the rows being parallel to each other, one row being along each side of the drape **23** and the third row centered between them. Each of the drapes **23** is also provided with a diagonal row of loops or rings **27**, sewn or otherwise secured to the rear surface of the drape **23**, as shown.

In assembling the combination drape and drape hanging device, a total of six draw cords **28***a* are provided, one for each row of vertical rings, and two draw cords **28***b* are provided, one for each of the diagonal rows of rings **27**. Each of the draw cords **28***a* is secured to or below one of the lowest of the rings **26**, and threaded through the remaining rings **26** of the row, coming out from the topmost ring **26** of that row, with a substantially long free end. One of the draw cords **28***b* is secured to or below the lowermost ring **27** of each drape, and threaded through the remainder of the diagonal rings **27** of said drape **23**, coming out from the topmost ring **27** with a substantially long free end. The drapes **23** are then secured to the pole **12** by passing the pole **12** through the seams **23**, and securing the pole **12** in the brackets **13** below the multiple rod **11** hangs the drapes **23** upon the wall or window to which the brackets **13** have been secured. In this position it is desirable to gather or shirr the drapes to a desirable appearance. Each of the draw cords **28***a* is then passed over the longer pin **21***a*, directly above the topmost ring through which it has been threaded (the cords **28***a* for the two central rows of rings **26** passing over the same pin **21***a*), and all continued in the same direction along the multiple rod **11** until they reach the last pin **21***a* on the rod **11**, at which point they are passed between said pin **21***a* and the pin **21***b* adjoining it, to hang down within hand reach at one side of the drapes **23**, as shown.

The free end of each of the draw cords **28***b* is passed over the shorter pin **21***a* directly above it, and passed along the multiple rod **11** in the direction opposite that taken by the cords **28***a*, one of the cords **28***b* passing directly around the short pin **21***a* and down between said pin and short pin **21***b* adjoining it, to hang down at the other side of the drapes **23**, the other cord **28***b* passing over all of the short pins **21***a* to join the first cord **28***b*.

Thus, a total of six draw cords **28***a* will hang down along one side of the drapes **23**, while the two draw cords

28*b* will hang down along the other side of the drapes **23**, as shown in FIG. 5. These cords may remain free, or be fashioned into ropes if desired. A wall bracket (not shown) is provided upon the wall at each side of the drapes **23**, to which the respective cords **28***a* and **28***b* may be secured by hand.

In the operation of the combination drape and drape hanging device, where all of the cords **28***a* and **28***b* are left free, the drapes **23** will hang at full length, as shown in FIG. 6. When it is desired to raise the drapes fully to form the valance effect shown by FIG. 7, the cords **28***a* are pulled downward as far as possible, and secured to the wall bracket. Obviously the drapes **23** may be hung with a lower valance effect by appropriate lengthening of the cords **28***a* above the wall bracket. Where it is desired to produce the tie-back effect shown in FIG. 8, the cords **28***a* are left free, while the cords **28***b* are partially drawn, and secured. To achieve the swag and jabot effect shown in FIG. 9 the cords **28***b* are fully drawn, and secured.

Two or more pairs of these drapes **23**, and corresponding devices **10**, may be secured in a series so that many variational effects can be achieved. Thus, with three pairs of drapes **23** the central pair may be made to produce a valance effect, while the outer pairs on either side produce a swag and jabot, or full, or tie-back effect, etc. Obviously, with more pairs a greater variety of effects can be achieved.

As is apparent, the embodiment shown and described is by way of illustration and not limitation, and various changes may be made in the construction, composition and arrangement of parts without limitation upon or departure from the spirit and scope of the invention, or sacrificing any of the advantages thereof inherent therein, all of which are herein claimed.

Having described my invention, I claim:

1. In combination a pair of drapes provided each with an upper seam, a plurality of parallel vertical rows of rings, and a diagonal row of rings extending from a point intermediate its inner border to the top of its outer border, and a drape hanging device comprising a pair of supporting brackets, a multiple rod and a pole supported by the brackets in parallel spaced relationship to each other with the pole supporting the drapes by insertion thereof through the drape seams, the multiple rod comprising three bars secured together in parallel spaced relationship by a series of spaced pins fixed through the bars at right angles thereto to define shafts thereinbetween, a rotatable sleeve provided around each of the pins, a draw cord secured to the drapes below the bottom ring of each vertical row and threaded through the remaining rings of the row to pass over and across one series of pin shafts in the same direction to descend along one side of the drapes, a draw cord secured to the drapes below the bottom ring of each diagonal row of rings and threaded through the remaining rings of the row to pass over and across the other series of pin shafts in the opposite direction to descend along the other side of the drapes, whereby selective manipulation of one or the other set of draw cords correspondingly alters the contour of the drapes.

2. The combination of drapes and drape hanging device as set forth in claim 1, the bars being irregularly spaced from each other to define pin shafts substantially longer in one series than in the other.

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