O. L. SMITH.

DISPLAY RACK.

APPLICATION FILED MAY 5, 1908.

899,475. Patented Sept. 22, 1908.

2 SHEETS—SHEET 1.

Fig. 1.

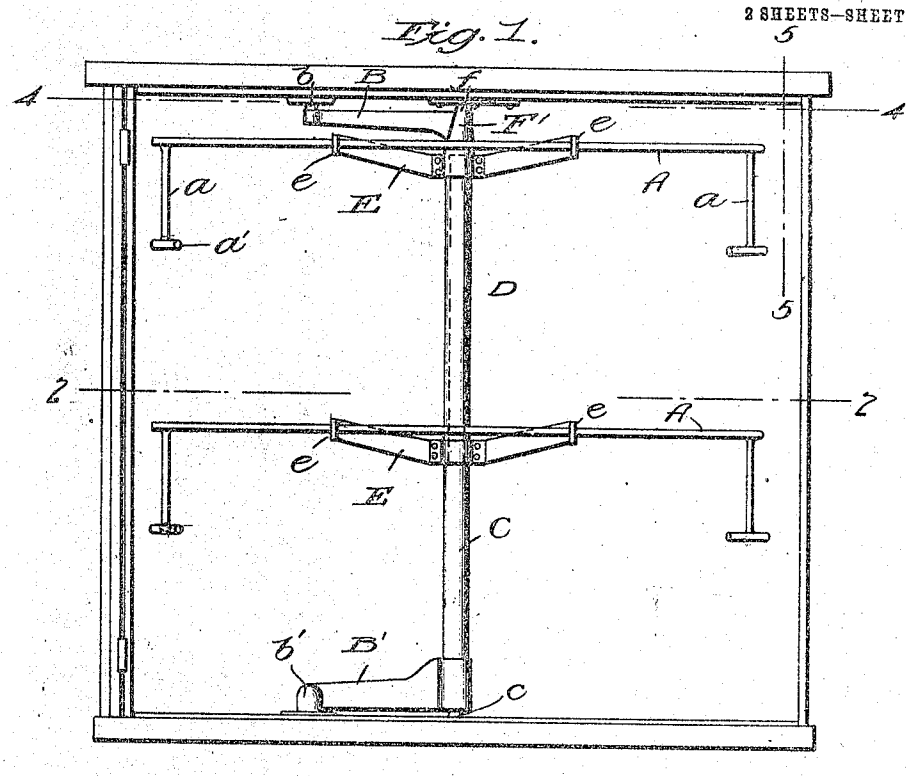
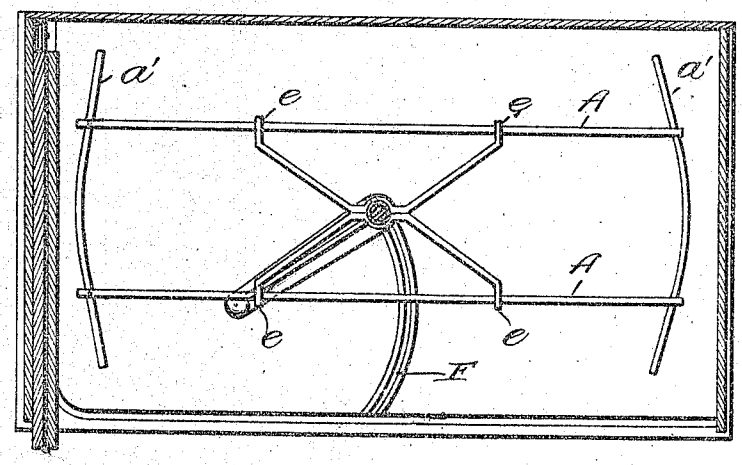


Fig. 2.



Witnesses

T. L. Mordaden

A. R. Hunter

Inventor

Oscar L. Smith

By Robt. P. Hains

Attorney

O. L. SMITH.

DISPLAY RACK.

APPLICATION FILED MAY 5, 1908.

899,475.

Patented Sept. 22, 1908.

2 SHEETS—SHEET 2.

Fig. 3.

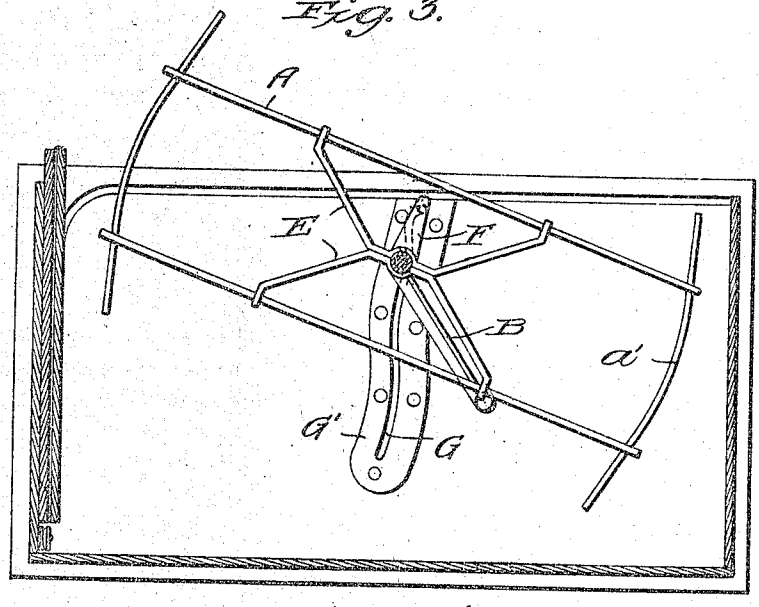


Fig. 4

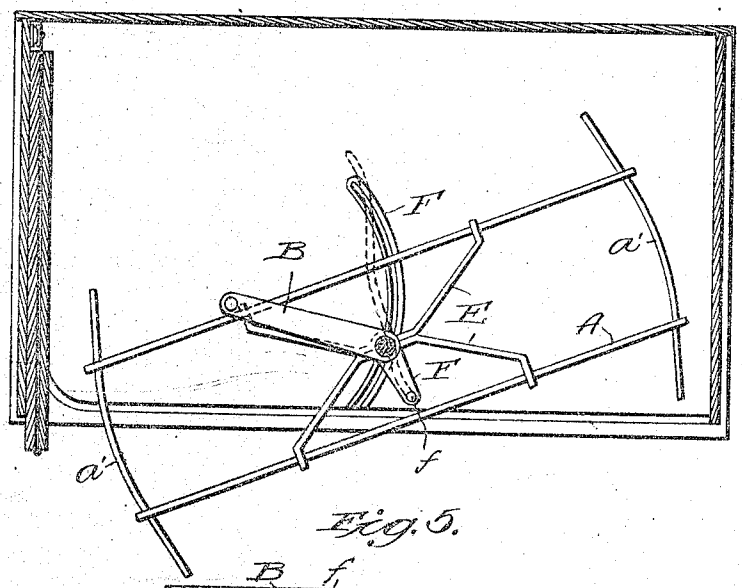
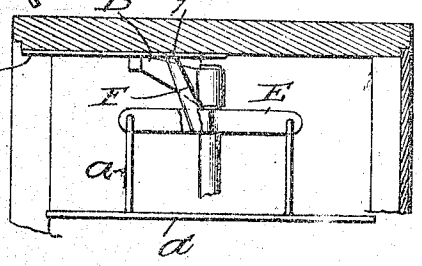


Fig. 5.



Witnesses

T. L. Mackesy

A. P. Hunter

Inventor

Oscar L. Smith

By

Robt. P. Harris

Attorney

UNITED STATES PATENT OFFICE.

OSCAR L. SMITH, OF PHILADELPHIA, PENNSYLVANIA.

DISPLAY-RACK.

No. 899,475. Specification of Letters Patent. Patented Sept. 22, 1908.

Application filed May 5, 1908. Serial No. 430,978.

To all whom it may concern:

Be it known that I, OSCAR L. SMITH, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Display-Racks, of which the following is a specification.

This invention relates to improvements in display racks for garments and other goods.

It is desirable in exhibiting clothes or garments for purposes of sale to utilize space and to store as many garments as possible within the limits of such cases as are usually used for the storing and exhibition of clothes, and it is also desirable and necessary to have all the garments so exhibited easily accessible by the salesmen.

By this invention I am enabled to fit an ordinary show case with a rack containing two or more rods or lines of rods arranged in such a manner that the rear and front rods carrying the garments shall be equally accessible to the salesman or person desiring to inspect the garments.

Heretofore when two lines or rows of garments have been carried in one show case, in order to present to view the rear row of the garments, the rack carrying the two rows had to be wheeled out of the show case and then by stepping around behind the rack for the purpose of examining or removing the rear line of garments.

In the present invention the rack is swung out of the front of the show case and at the same time is automatically revolved or turned around so that a salesman desiring to exhibit goods could first open his show case and have accessible and exposed to view the goods on the front line, and then as the rack carrying the garments is pulled out, it will turn automatically and the rear line of garments be exposed.

The main object of the present invention is to provide a device wherein either the front or rear row of garments supported on the device are rendered readily accessible for the purpose of exhibiting or removing the same.

Another object is to provide means in such a device whereby the revolution of the rack for presenting to view either row of garments is performed automatically.

With this and other objects in view, the invention will be hereinafter more particularly described with reference to the accompanying drawings, which form a part of this specification, and will then be pointed out in the claims at the end of the description.

Referring to the drawings, wherein similar letters of reference are used to indicate corresponding parts in each of the several views: Figure 1 is a front elevation of my improvements, the front of the case or compartment being open. Fig. 2 is a sectional view on the line 2—2, Fig. 1, looking toward the base of the case. Fig. 3 is a sectional view taken at the same section as Fig. 2, looking toward the top of the case, the framework of the rack having partly completed a revolution. Fig. 4 is a sectional view on the line 4—4 of Fig. 1, looking toward the base, showing a framework as having about completed a revolution and about to be returned to the interior of the case. Fig. 5 is a fragmentary view on the line 5—5 of Fig. 1.

While I have shown a device as constructed in the form of upper and lower racks, it will be understood, of course, that the racks may be made single, the only disadvantage thereof being that fewer garments could be accommodated at one time on a rack of the same size. It will, of course, be understood that instead of the guide track or groove being arranged at the top of the case the same may be arranged on the base and the other parts of the device correspondingly reversed, whereby the device may be operated in the same manner.

As illustrated, the preferred form of the device comprises a rectangular support or framework consisting of the two rods A A having depending from their ends a rod *a*, said last-mentioned rods *a* being joined by cross pieces or rods *a'*.

Pivoted to the interior of the case preferably at the top and bottom thereof as at *b b'* are the arms B B'. These arms are connected at their free ends by the upright rod C. Surrounding the upper portion of said rod C is a loose sleeve D adapted to revolve freely thereon. Securely mounted on said sleeve are the cross arms E provided on their outer free ends *e* with openings through which pass the rods A A of the rectangular framework. If preferred or desired the sleeve D could be dispensed with and the crosspieces E made fast to the upright C, in which event

said upright C would be made revoluble in the ends of arms B, B'. The rod C is provided at its lower end with a stud or projection *c* adapted to travel in a track or groove F formed in the base of the case or compartment or in a plate secured to the base. Formed integrally with or rigidly secured thereto and projecting upwardly at an angle from the cross piece E of the upper rectangular framework is a bracket or arm F'. The outer free end *f* of said bracket is adapted to travel in a peculiarly shaped guiding track or groove G formed in the top of the interior of the case. As shown in the drawings said groove or track is formed by a slotted plate G' secured in any desired manner to the interior of the top of the case. This groove or track G is so shaped as to cause in operation the entire rack to first move outwardly parallel with the sides of the case for a predetermined distance and then cause, through the operation of the bracket F', the complete revolution of the framework and the return of the rack into the case with the garments on the rear rod of the framework exposed to view.

From the foregoing description the operation of the device will be readily understood. The garments having been suspended on the rods A A when in the position shown in Fig. 1, all that is necessary for the salesman to do if he desires to exhibit the garments on the rear rods is to draw the entire device toward him when the bracket F' operating in the peculiarly shaped track or groove G will permit the framework to be drawn out a certain distance, then automatically revolve the framework, permitting of the entire device being pushed back into the case or compartment with the rear row of garments exposed to view.

It will, of course, be understood that various changes may be made in the shape and form of the framework and that various other changes may be made without departing from the spirit and scope of my invention, and I, therefore, do not limit myself to the exact construction herein shown and described.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent of the United States is:—

1. In combination with a case or compartment, a support for garments and the like, means pivotally sustaining said support in said compartment, and means for automatically revolving said support on its pivot as the support is drawn forward, substantially as described.

2. In combination with a case or compartment, a support for garments and the like, an arm or bracket extending from said support means pivotally sustaining said support in said compartment, a guide groove in said case adapted to receive the free end of said arm or bracket.

3. In combination with a case or compartment, a support for garments and the like pivotally mounted therein, a guide groove in said case, means interposed between said support and guide groove, whereby said support may be automatically caused to revolve on its pivot as the support is drawn forward.

4. In combination with a case or compartment, a support for garments and the like pivotally mounted therein, and means on said case coöperating with said support, whereby said support may be automatically caused to revolve on its pivot as the support is drawn forward so as to present to view either the front or rear of said support.

5. In combination with a case or compartment, a support for garments and the like, means pivotally sustaining said support in said compartment, a guide groove in said case, and an arm or bracket secured to said support, having its free end operating in said guide groove, whereby said support may be automatically caused to revolve so as to present to view either the front or rear of said support.

6. In combination a case or compartment, a support for garments and the like, an arm pivotally supporting said framework in said compartment, a guide groove or track, and an arm or bracket secured to said framework, having its free end adapted to operate in said guide groove, substantially as described.

7. In combination a case or compartment, arms pivotally mounted in opposite portions of said case, an upright or rod connecting the free ends of said arms, a support for garments and the like mounted on said upright, and means on said case coöperating with said support whereby said support may be automatically revolved.

8. In combination a case or compartment, arms pivotally mounted in opposite portions of said case, an upright or rod connecting the free ends of said arms, a support for garments and the like mounted on said upright, a groove or track secured to said case, an arm or bracket secured to said support and having its free end operating in said groove or track whereby said framework may be automatically caused to revolve so as to present to view either the front or rear of said framework.

9. In combination a case or compartment, arms pivoted to opposite portions thereof, an upright or rod mounted revolubly in the free ends of said rods, a loose sleeve mounted on said upright, a support for garments and the like securely mounted on said sleeve, a guide groove or track, an arm or bracket secured to the framework and having its free end adapted to operate in said groove, substantially as described.

10. In combination a case or compartment, arms pivoted to opposite portions thereof, an upright or rod connecting the

free ends of said rods, a loose sleeve mounted on said upright, a support for garments and the like securely mounted on said sleeve, a guide groove or track, an arm or bracket secured to the framework and having its free end adapted to operate in said groove substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

OSCAR L. SMITH.

Witnesses:
E. C. RHOADS,
JOHN THIEL.