

W. FREEMAN.
 DISPLAY OR SHOW CASE.
 APPLICATION FILED JAN. 23, 1909.

935,100.

Patented Sept. 28, 1909.

2 SHEETS—SHEET 1.

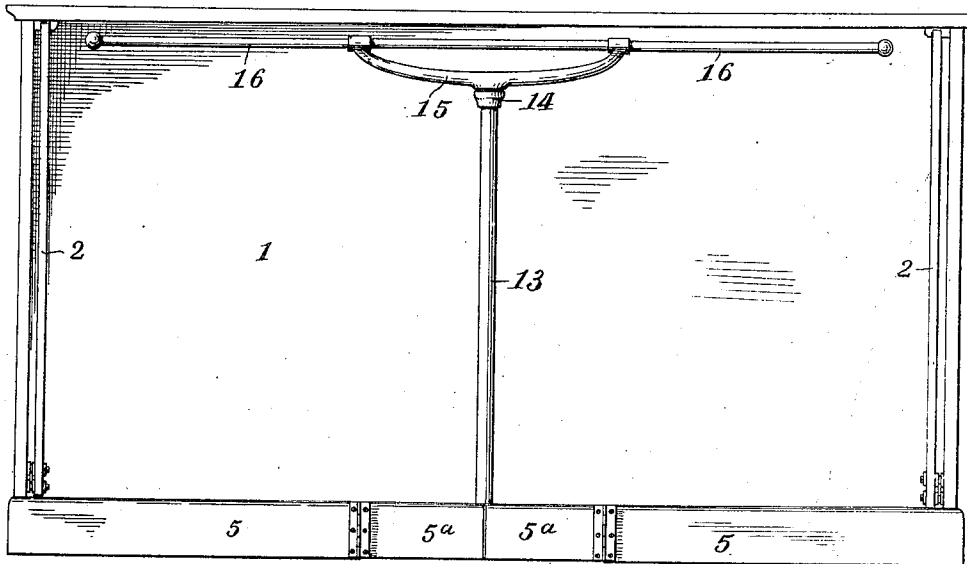


Fig. 1.

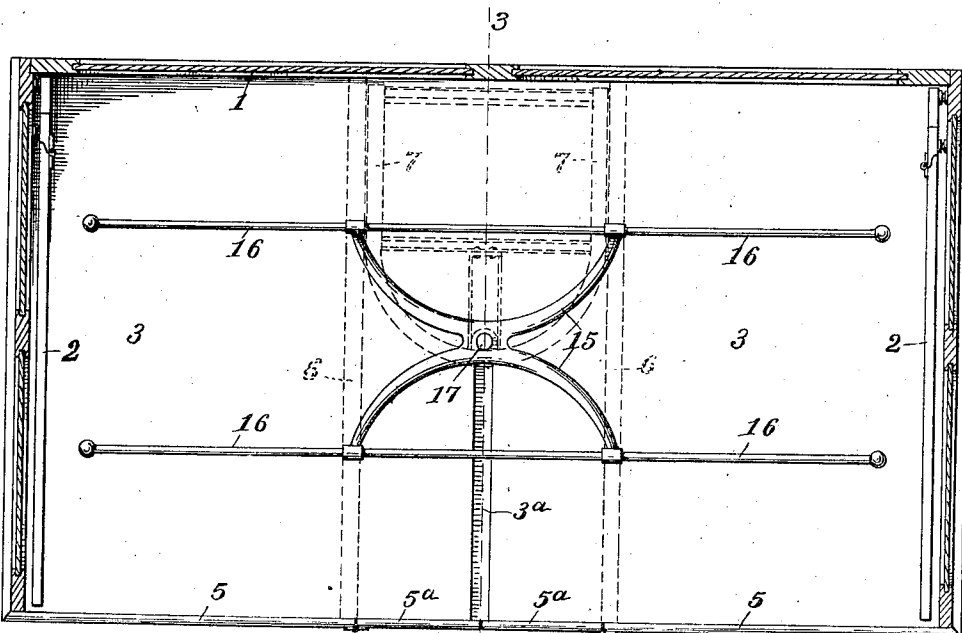


Fig. 2.

Witnesses
H. C. Van Antwerp
Georgiana Chase

Inventor
William Freeman
 By *Luther V. Moulton*
 Attorney

W. FREEMAN.
 DISPLAY OR SHOW CASE.
 APPLICATION FILED JAN. 23, 1909.

935,100.

Patented Sept. 28, 1909.
 2 SHEETS—SHEET 2.

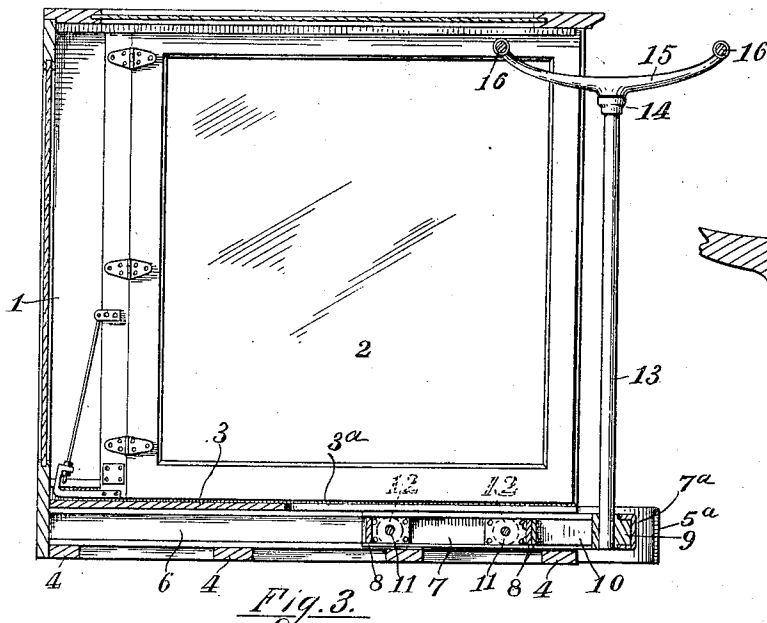


Fig. 3.

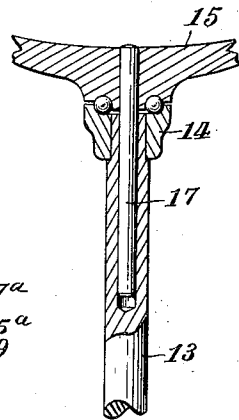


Fig. 6.

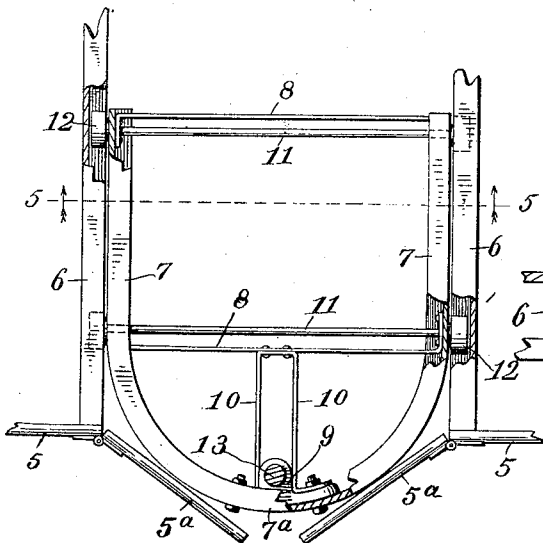


Fig. 4.

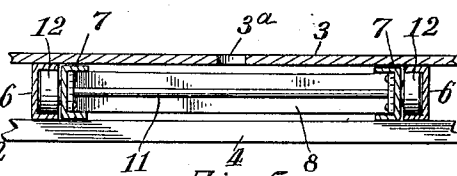


Fig. 5.

Witnesses
H. C. Van Antwerp
Georgiana Phace

Inventor
William Freeman
 BY *Luther V. Moulton*
 Attorney

UNITED STATES PATENT OFFICE.

WILLIAM FREEMAN, OF GRAND RAPIDS, MICHIGAN, ASSIGNOR TO GRAND RAPIDS SHOW CASE COMPANY, OF GRAND RAPIDS, MICHIGAN, A CORPORATION OF MICHIGAN.

DISPLAY OR SHOW CASE.

935,100.

Specification of Letters Patent. Patented Sept. 28, 1909.

Application filed January 23, 1909. Serial No. 472,905.

To all whom it may concern:

Be it known that I, WILLIAM FREEMAN, a citizen of the United States of America, residing at Grand Rapids, in the county of

5 Kent and State of Michigan, have invented certain new and useful Improvements in Display or Show Cases; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as
10 will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in wardrobes, display, or show cases, and the object of my invention is to provide means
15 for suspending articles of wearing apparel upon a support, which support is adapted to be drawn from a position wholly within the case to a position either wholly or partially outside of the case, and to provide
20 said support with means whereby the same may be rotated and articles suspended thereon successively brought to view for inspection or removal, and thus provide free, ready, and convenient access to all of the contents
25 of the case.

My device consists essentially of a wardrobe, display, or show case provided with a door or closure on one of its sides, a track within said case running from the door side
30 rearward, a carriage adapted to traverse said track, a pillar mounted on, and carried by said carriage, a rotatable apparel supporting member mounted upon said pillar, said supporting member being provided
35 with, or adapted to detachably hold individual apparel supporting devices, as will more fully appear by reference to the accompanying drawings in which:

Figure 1 is a side elevation of a show or
40 display case embodying my invention; viewed from its open side with the door or closure opened. Fig. 2 is a plan of the same with the top of the case removed. Fig. 3 is a vertical section of Fig. 2 on the line 3—3
45 of Fig. 2 (the pillar and yoke not being sectional). Fig. 4 is an enlarged plan of the carriage, and associated parts. Fig. 5 is a section of Fig. 4 taken on the line 5—5 of Fig. 4. Fig. 6 is a section of the upper end
50 of the pillar and the hub or center of the rotatable member or yoke mounted thereon.

Like numbers refer to like parts in all of the figures.

1 represents any suitable show case hav-

ing one open side. 2 are doors or closures 55 for same.

3 is a false bottom to the case 1 and adapted to cover the mechanism so as to present a neat appearance. This false bottom is provided with a slot 3^a through which the pillar 13 extends and traverses.

4 are the bottom sills of the case upon which the channel bar track, or rails, 6 are fixed.

5 is the base panel of the case. 5^a are 65 hinged portions of this base panel which are adapted to open outward when the carriage is moved forward to project its front end outside the plane of the front of the case.

6 are channel bars having their channel 70 side facing, and form the rails of the track upon which the carriage moves and is supported. This carriage consists of a channel bar 7 formed into a U-shaped member having its channel side turned inward, and is 75 provided with spacing bars 8 and axles 11, upon which axles are mounted rollers or wheels 12 which traverse the inner side of the channel bar track or rails 6. Braces 10 are riveted to the front spacing bar 8 and 80 extend therefrom to the point 7^a of the channel bar frame 7, and are bolted to the same together with a step block 9, this step block being provided to receive the lower end of the pillar 13, whereby it is attached to the 85 carriage. This pillar 13 is provided at its upper end with a shouldered portion (not numbered) to receive the collar 14, it is also provided with a central bore (not numbered) to receive one end of the stud 17 90 which stud extends above the plane of the collar 14 to provide a means for alinement of the pillar 13 and the hub of the yoke 15. The face of the collar 14 and the face of the hub of the yoke 15 are each provided with 95 grooves each of which form half of a ball race, in which are balls for forming a ball bearing to minimize the friction when the yoke 15 is rotated.

16 are bars or arms fixed in the extended 100 portions of the yoke 15. These arms are provided to receive any desired form of individual apparel supporting devices required.

In the operation of my device, (the articles of apparel being suspended along the arms 105 16 by suitable individual suspending devices and the case closed), the doors 2 are opened, the front bar 16 is grasped and drawn for-

ward until the carriage is in the position shown in Fig. 4, or farther, until the front wheels of the carriage engage the ends of the base panel 5. The articles on the front bar are then readily accessible. The yoke may then be rotated, so that a full and complete view of, and access to all the articles suspended on the bars 16 may be had with the greatest convenience.

10 What I claim is:

1. In a device of the class described, a case, a removable closure for said case, a track in said case, a carriage adapted to traverse said track, and to be projected partially outside of said case, a pillar fixed upon that portion of the carriage which may be projected outside of the case, and an apparel support mounted upon said pillar and rotatable thereon.
2. In a device of the class described, the combination of a case, a removable closure for one side of said case, a track fixed in said case, a carriage adapted to traverse said track, a false bottom in said case and having a slot and located above the carriage, a pillar fixed on said carriage, and extending through the slot of said false bottom, an apparel support rotatably mounted on said pillar, said carriage being adapted to be projected partially outside of the case, and the apparel support being adapted to be projected partially or wholly outside of said case and rotatably attached to the said pillar.
3. In a device of the class described, a case, a carriage comprising a U-shaped frame, a pillar supported near the middle of the curved part of the frame, tracks in the case supporting the carriage and permitting the carriage to project partially outside the case, and a rotative garment support mounted on the pillar.
4. In a device of the class described, a carriage having a U-shaped frame, channel bars at the respective sides of the frame and supporting the same, wheels on the frame and traversing the bars, a pillar supported

on the front part of the carriage and carried outside the case thereby, and a rotative garment support on the pillar.

5. In a device of the class described, a case having sills, a removable front and a base having hinged portions opening outward, a carriage having an arched forward portion engaging and opening the said portions of the base when the carriage is moved outward, a pillar carried by said arched portion of the carriage, and a rotative garment support mounted on the pillar.

6. In a device of the class described, a carriage comprising a channel bar bent in U shape and tie-bars connecting the parallel sides thereof; axles extending through the carriage, wheels on the outer ends of the axles, parallel channel bars in the case and traversed by the wheels, a socket at the middle of the U-shaped bar, a pillar in the socket, and a rotative garment support mounted on the pillar.

7. In a device of the class described, a case having sills at the bottom, and a removable front, a bottom spaced apart from the sills and having a slot therein extending from the front rearward, channel bars spaced apart and between the bottom and sills, a channel bar bent in U shape and movable between the channel bars, brace bars bent at right angles near the ends and connecting the parallel parts of the U-shaped bar, axles extending through the brace bars and U-shaped bar, wheels on the outer ends of the axles and traversing the channel bars, a socket attached to the middle of the U-shaped bar, brace bars extending from the socket to the forward brace bar, a pillar in the socket, and a garment support on the pillar.

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

WILLIAM FREEMAN.

Witnesses:

PALMER A. JONES,
GEORGINA CHACE.