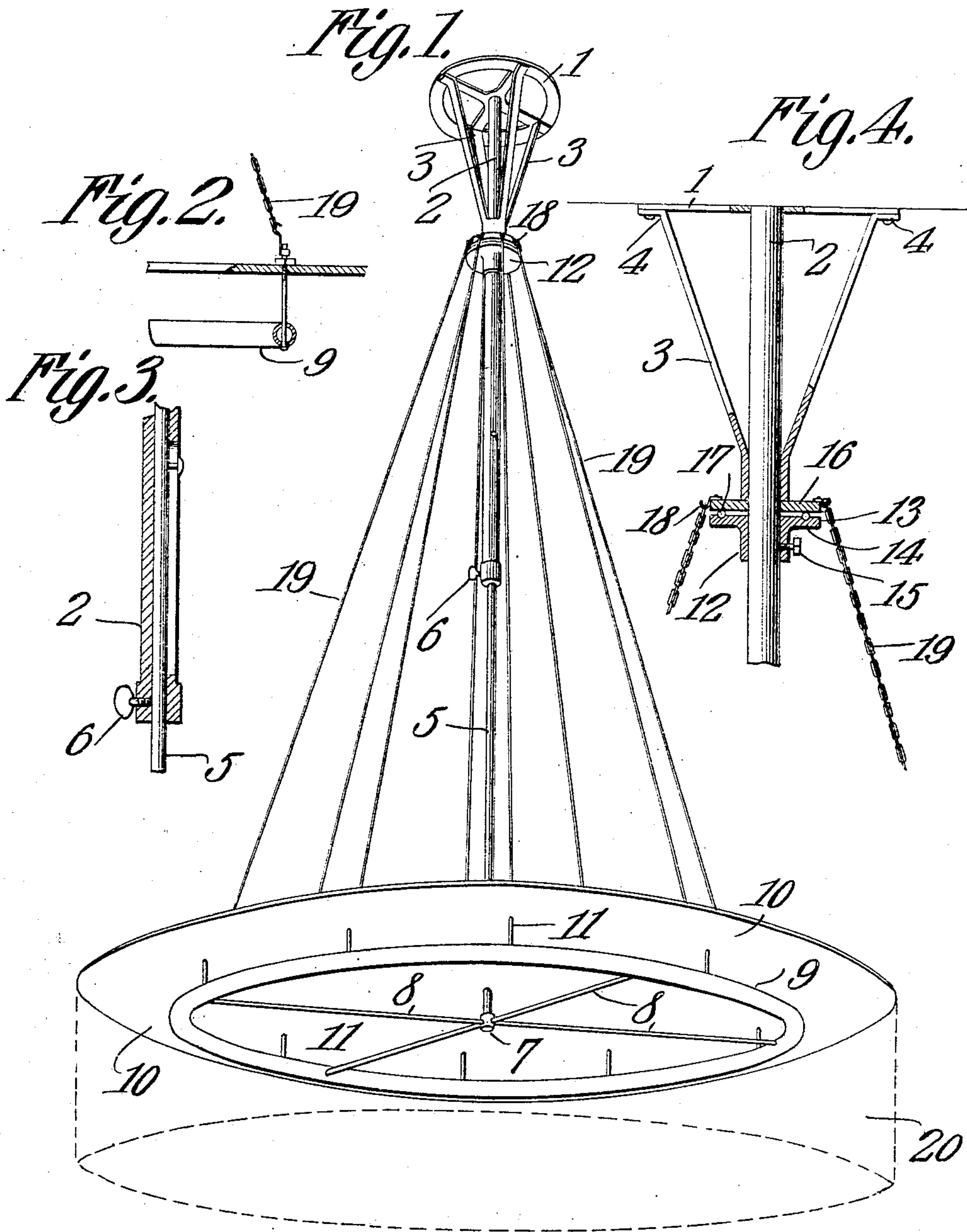


H. B. CLOUD.  
 DISPLAY RACK.  
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908,548

Patented Jan. 5, 1909.



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# UNITED STATES PATENT OFFICE.

HARRY B. CLOUD, OF CONCORDIA, KANSAS, ASSIGNOR OF ONE-HALF TO JOHN T. McKENNA,  
OF TOPEKA, KANSAS.

## DISPLAY-RACK.

No. 908,548.

Specification of Letters Patent.

Patented Jan. 5, 1909.

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*To all whom it may concern:*

Be it known that I, HARRY B. CLOUD, a citizen of the United States, residing at Concordia, in the county of Cloud and State of Kansas, have invented a new and useful Display-Rack, of which the following is a specification.

This invention relates to racks such as are used for displaying cloaks and other garments.

It has for its object the construction of a simple and comparatively inexpensive device which may be adjusted to any required height above the floor.

Another object is to so construct the device that the same may be rotated with little or no effort, thus rendering it possible for a customer to examine the contents of the rack without changing position.

Still another object is to employ a means for covering the stock and keeping the latter free from dust.

With these and other objects in view, as will appear as the nature of the invention is better understood, the same comprises the various novel features of construction and arrangement of parts, which will be hereinafter more fully described, and particularly pointed out in the claims.

In the accompanying drawings forming a part of this specification, and in which like characters of reference indicate corresponding parts, Figure 1 is a perspective view of the device suspended from a ceiling. Fig. 2 is a detail view of the connection between the canopy and rim. Fig. 3 is a longitudinal section taken through the lower end of the outer tube showing the position of the inner tube and means for securing the latter therein. Fig. 4 is a detail view showing the bearings of the rotating and supporting collar.

In the construction of the device, as illustrated in Figs. 1 to 4, inclusive, a metallic bracket formed with an annular base 1, adapted to be secured to the ceiling, is centrally provided with a seat for the reception of one end of a tube 2 of an appropriate exterior diameter and length. The tube is held against excessive lateral movement by the strut bars 3 extending from the outer edge of the annular base 1 to a point approximately intermediate the horizontal center and upper end of the tube, and rigidly secured to the latter and annular base in any suitable manner, such as by bolts or rivets 4.

An inner tube 5, of the approximate length of the outer tube 2 and of an exterior diameter sufficient to snugly fit within the outer tube, is secured therein by a thumb screw 6 disposed adjacent the free end of the outer tube 2, as clearly shown in Fig. 3.

On the lower end of the inner tube 5 is formed a hub 7 from which projects the radial cross bars 8 supporting on their outer ends the rim 9, preferably formed of metallic tubing or other suitable material, and designed to carry garments or other articles to be displayed. A canopy or shield 10, formed of light wood or other suitable material, is preferably circular in contour and of an exterior diameter considerably greater than the rim 9. The canopy is centrally provided with an opening for the reception of the inner tube 5, and is disposed on the latter adjacent the hub 7 and rim 8 and connected to the latter and held spaced by rods or bolts 11 extending through registering openings formed in the rim and canopy, as clearly shown in Fig. 2. Disposed on the outer tube 2, and adjacent the ends of the strut bars 3, is a collar 12 provided on its upper end with a circular flange 13 the upper face of which is flat and provided adjacent its outer edge with a groove 14. The collar is adjustably secured to the tube by means of a thumb screw 15, as shown in Fig. 4. A metallic wheel 16 provided with a central opening adapted to fit over the outer tube 2 is loosely mounted thereon above the flange 13 of the collar 12, the lower face of the wheel adjacent the outer edge thereof is provided with an annular groove registering with the groove 14 formed in the flange 13, the grooves forming seats for suitable ball bearings 17. On the upper face of the wheel 16 and adjacent the outer edge are secured hooks or fasteners 18 of any suitable shape to which are connected one end of chains 19, cords, or their equivalents, the opposite ends of these supporting chains being connected to the supporting posts 11 for the canopy 10. The construction of these connections is clearly illustrated in Figs. 2 and 4. A suitable curtain or covering, as shown by dotted lines in Fig. 1, is secured to the outer edge of the canopy 10 and is of a length sufficient to approximately cover the articles held by the rim 9. This curtain may be folded on the board during the use of the device, or detached therefrom, the function of the canopy



and curtain being to prevent dust from settling on the garments when the device is not in use.

It is evident from the construction just described that when the rim 9 is filled with garments or other articles, the weight of the device will not be on the canopy but will be communicated through the supports 19 to the wheel 16, and, by turning the device, which may be done by grasping either the canopy or rim, the wheel 16 will rotate on the ball bearings 17. When it is desired to raise or lower the device to suit the different heights of ceilings, the same can be done by the thumb screws 6 and 15 which regulate the tubes and supports 19, respectively.

I claim:—

1. A display rack embodying a base adapted to be secured to a ceiling and a tube secured thereto, an inner tube secured within said tube, an article carrying member carried by the inner tube, and flexible connections between said article carrying member and the first named tube.
2. A display rack embodying a base adapted to be secured to a ceiling, and a tube secured thereto, an inner tube adjustably secured within said tube having on one end a hub, an annular article carrying member secured to one end of said inner tube, a canopy overlying said article carrying member vertical posts connecting said canopy with said article carrying member and holding them in spaced relation.
3. A display rack embodying a base adapt-

ed to be secured to a ceiling, and a tube carried thereby, a canopy and article carrying member carried by said tube, a collar carried by said tube and a wheel supported by said collar, and connections between said canopy and wheel.

4. A display rack embodying a base adapted to be secured to a ceiling, and an outer tube carried thereby, an inner tube secured within said outer tube, a canopy and article carrying member carried by said inner tube, a collar having a flange adjustably secured to said outer tube, a wheel rotatably mounted on said outer tube and supported by said collar, and connections between said wheel and canopy.

5. A display rack embodying a base adapted to be secured to a ceiling, an outer tube rigidly secured thereto, an inner tube adjustably secured within said outer tube, a canopy and article carrying member rigidly secured adjacent the free end of the inner tube, means for maintaining said canopy and article carrying member in spaced relation, a collar provided with a flange adjustably secured to said outer tube, a wheel supported by said collar, and flexible connections between said wheel and canopy.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

HARRY B. CLOUD

Witnesses:

ANNIE BETOURNAY,  
ADA WALLACE.