

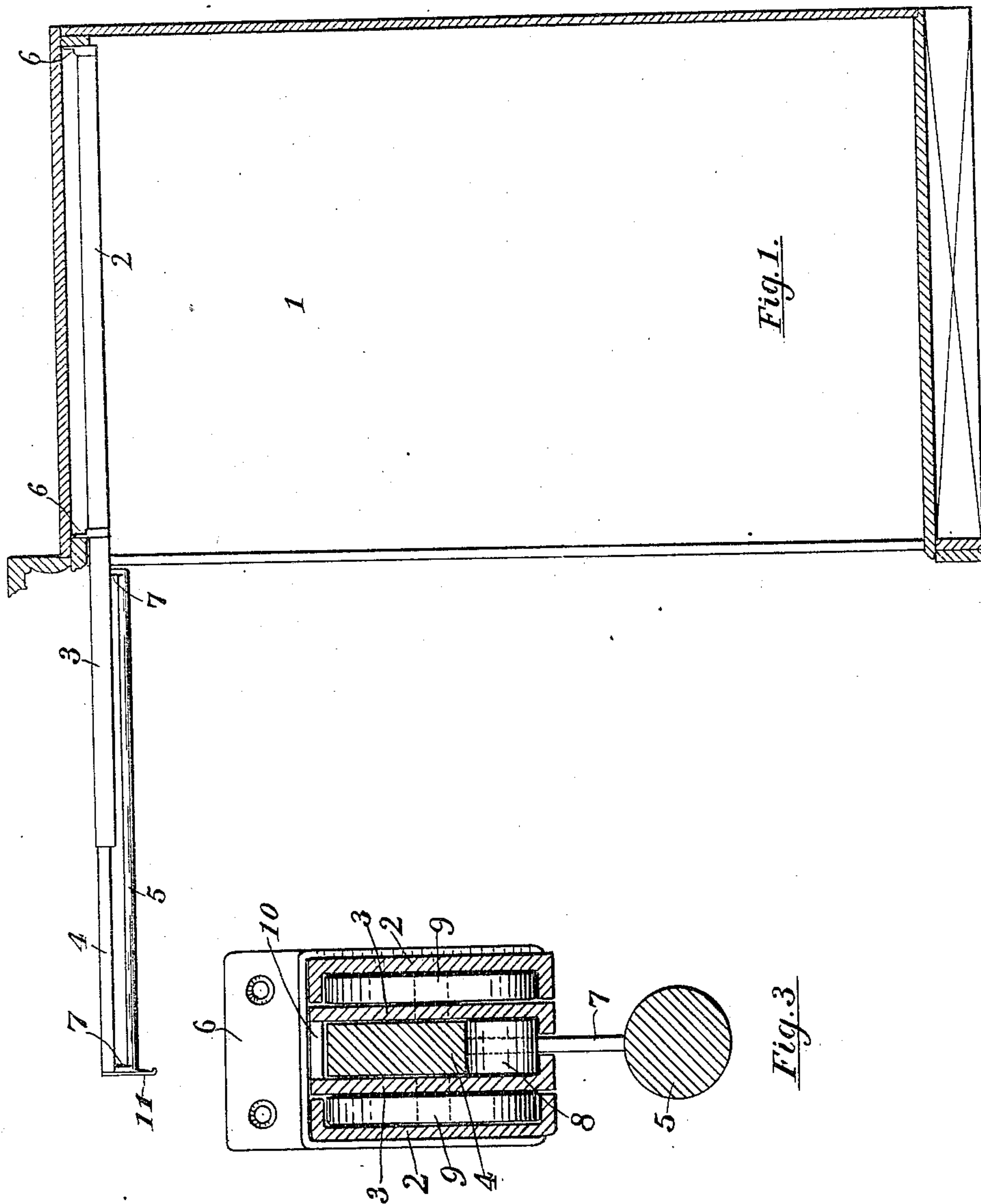
No. 825,362.

PATENTED JULY 10, 1906.

A. VANDERVELD.
ARTICLE SUPPORT FOR WARDROBES.

APPLICATION FILED JULY 24, 1905.

2 SHEETS—SHEET 1.



Witnesses

George Hollway
Georgiana Chase

Inventor

Anthony Vanderveld

By Luther V. Moulton
Attorney

No. 825,362.

PATENTED JULY 10, 1906.

A. VANDERVELD.
ARTICLE SUPPORT FOR WARDROBES.

APPLICATION FILED JULY 24, 1905.

2 SHEETS—SHEET 2.

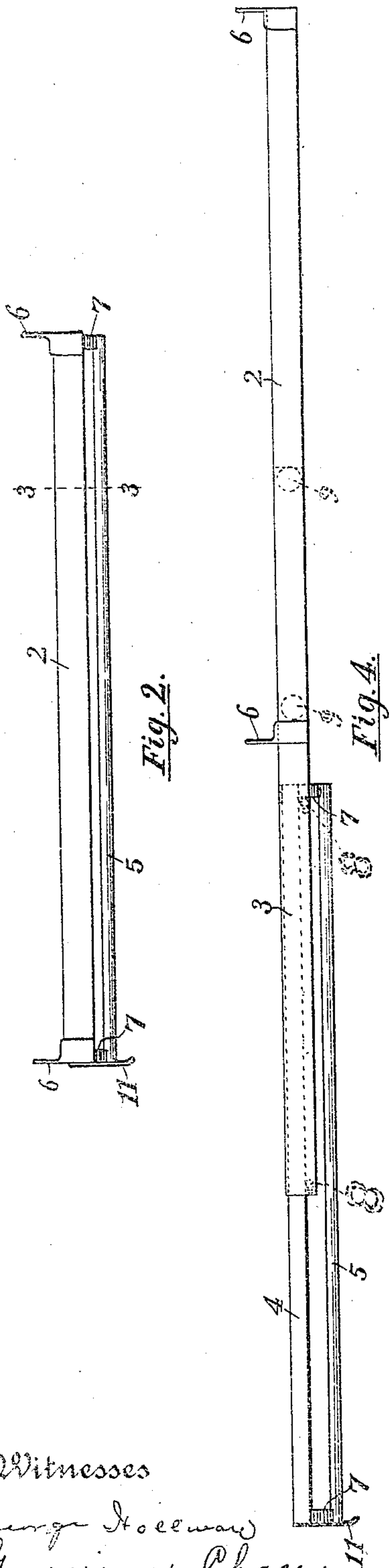


Fig. 2.

Fig. 4.

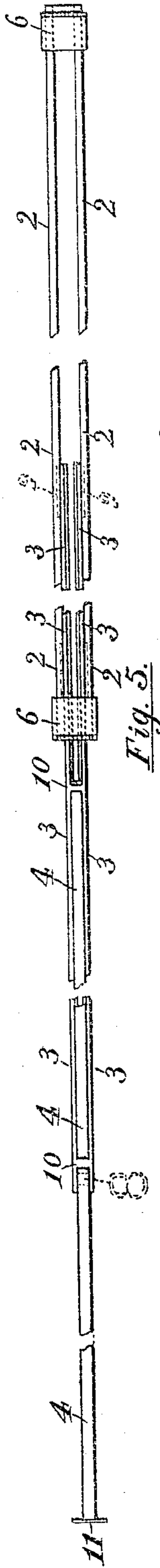


Fig. 5.

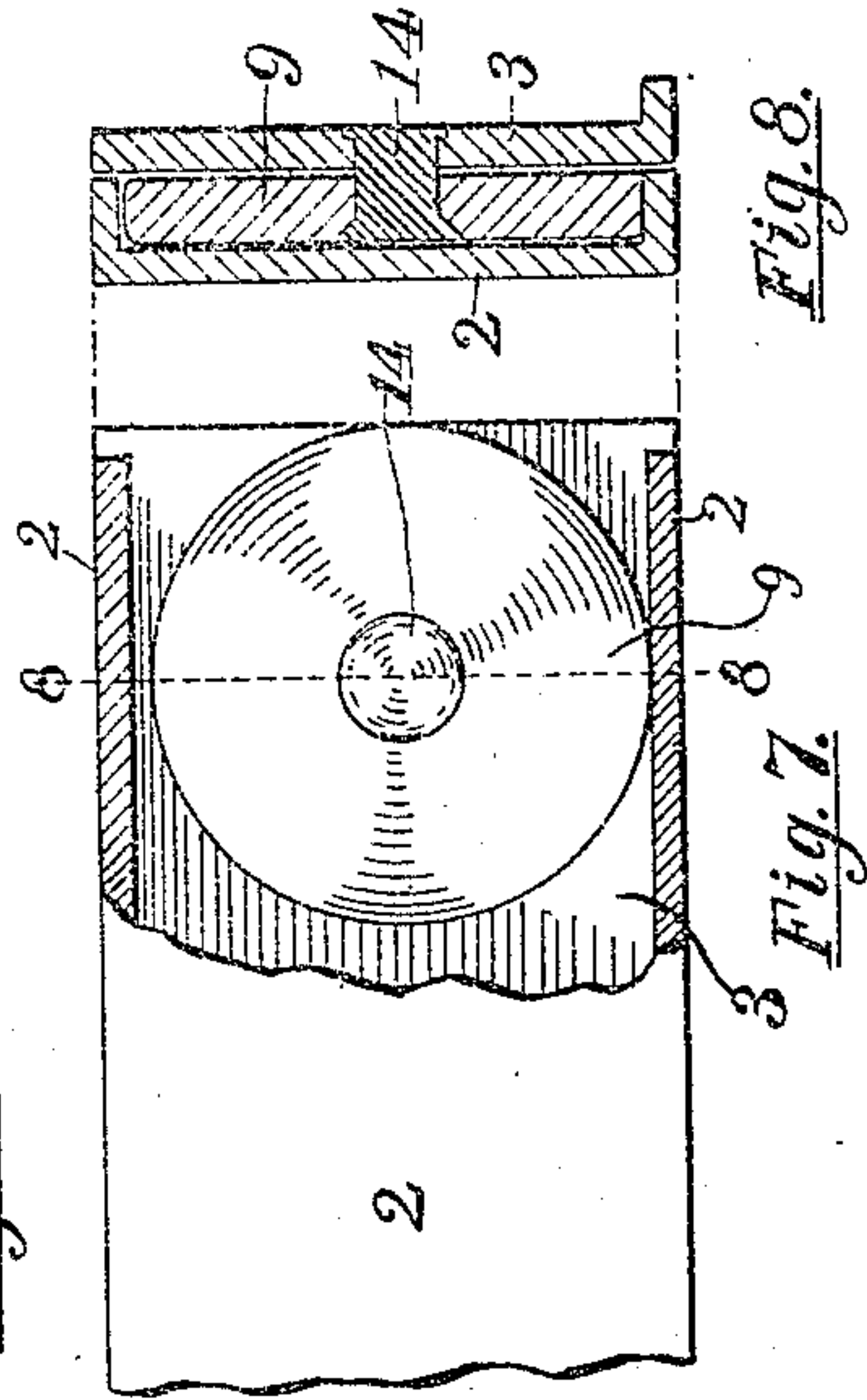


Fig. 7.

Fig. 8.

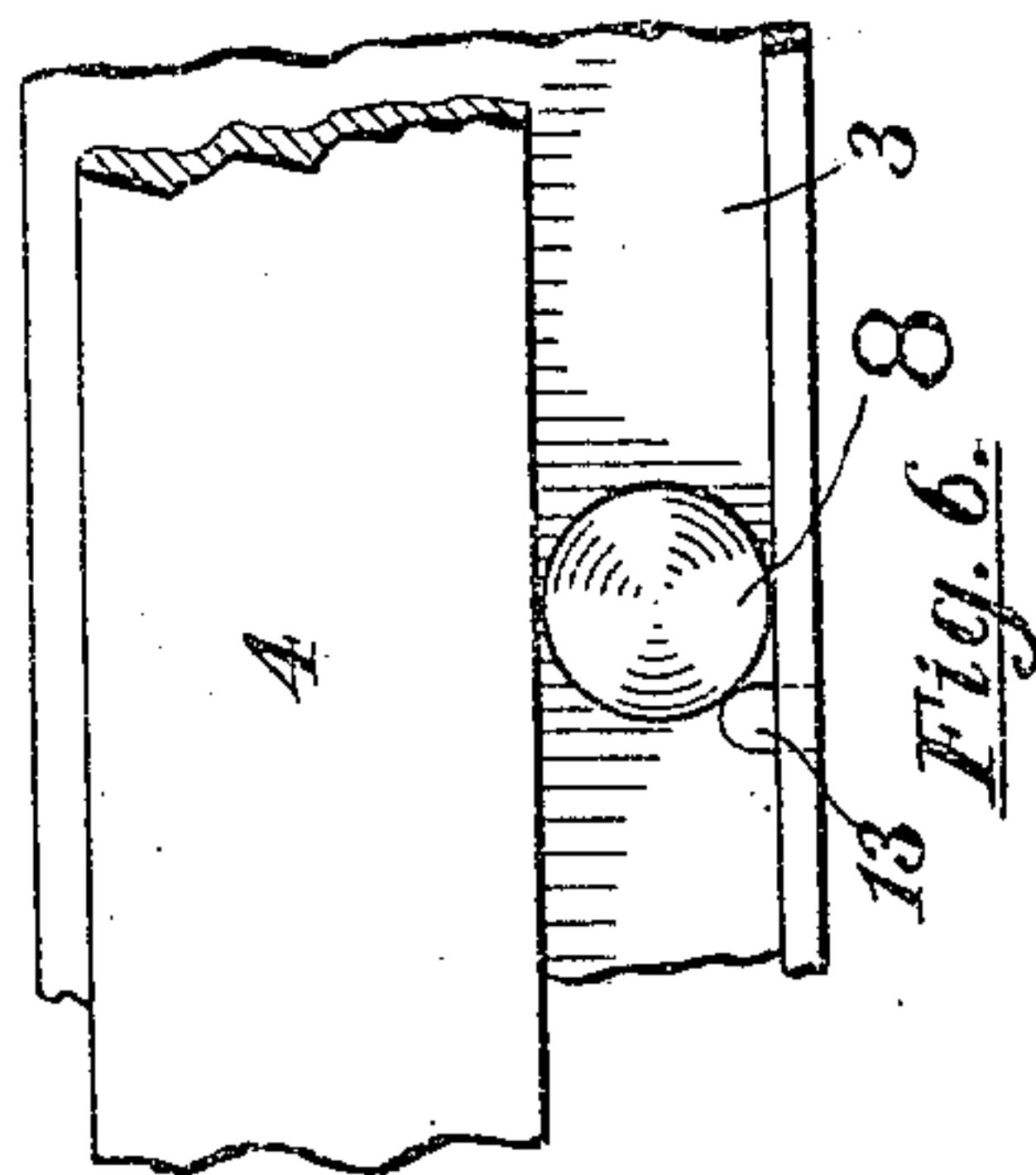


Fig. 6.

Witnesses
George H. H. H.
Georgiana Chase

Inventor
Anthony Vanderveld
By Luther V. Moulton
Attorney

UNITED STATES PATENT OFFICE.

ANTHONY VANDERVELD, OF GRAND RAPIDS, MICHIGAN, ASSIGNOR
TO GRAND RAPIDS SHOW CASE COMPANY, OF GRAND RAPIDS,
MICHIGAN, A CORPORATION OF MICHIGAN.

ARTICLE-SUPPORT FOR WARDROBES.

No. 825,362.

Specification of Letters Patent.

Patented July 10, 1906.

Application filed July 24, 1905. Serial No. 271,055.

To all whom it may concern:

Be it known that I, ANTHONY VANDERVELD, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Article-Supports for Wardrobes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in article-supports for wardrobes, and more particularly to such supports adapted to be drawn wholly outside of the case; and its object is to provide the same with various new and useful features, as hereinafter more fully described, and particularly pointed out in the claims.

My invention consists, essentially, in combination and arrangement of stationary ways supported within the case, movable ways mounted therein and adapted to project partially outside the case, and a support movably supported in the movable ways and adapted to be moved wholly outside the case, as will more fully appear by reference to the accompanying drawings, in which—

Figure 1 represents a vertical section of a case or receptacle having my device attached and with the support wholly extended; Fig. 2, a side elevation of the support as it appears when run back into the case; Fig. 3, a transverse section on the line 3 3 of Fig. 2; Fig. 4, an enlarged side elevation of my device as it appears when extended; Fig. 5, the same further enlarged and shown in plan view; Fig. 6, a further enlarged detail showing the roller-bearings for the inner slide; Fig. 7, a detail showing the bearings for the movable ways for the same; Fig. 8, a transverse section on the line 8 8 of Fig. 7.

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

1 represents any convenient case within which may be movably supported upon my device any convenient articles—such, for instance, as ready-made clothing—the dimensions and character of this case being varied to suit the articles to be placed therein. Within the upper part of the case are stationary ways consisting of one or more pairs of channel-bars 2, arranged parallel and spaced

apart and also having their channeled sides toward each other. These ways are supported by brackets 6, secured to the framework of the case. Between the channel-bars 2 are movable ways consisting of angle-bars 3, having inwardly-projecting flanges at their lower edges and spaced apart to receive the supporting-bar 4 and connected at the top by transverse members 10. These movable ways are supported upon rolls 9, journaled on studs 14, fixed in the bars 3 and traversing the channels of the channel-bars 2. The supporting-bar 4 is narrower than the bars 3 and is longitudinally movable between the same. This bar 4 is supported upon rolls 8 freely movable between its under side and the flanges of the angle-bars 3.

Depending from the respective ends of the bar 4 are hangers 7, to which are attached the respective ends of a rod 5, upon which rod the articles to be supported are suspended by any suitable means. At the outer end of the bar 5, is a stop and handhold 11, by which the bar is manually drawn outward and also stopped when run back into the case. The rolls 9 are arranged in opposing pairs on the movable ways 3, one pair being at the rear end of the same and the other a sufficient distance therefrom to maintain the ways 3 in alinement with the ways 2 and to permit the movable ways to project outward somewhat more than one-half of their length when drawn out of the case. The rolls 8 are limited in their movements toward the front by stops 13. When the ways 3 are fully drawn out from the case, they project a sufficient distance, so that the supporting-bar 4 and rod 5 may be drawn wholly outside the case and remain properly supported by the ways 3. I am thus able to bring any article or articles supported upon the rod 5 wholly outside the case while supported by my device and also to carry the same back wholly within the case, as occasion may require.

Obviously as many of these devices may be used and arranged at intervals within a case as desired, whereby any portion of the contents of the case supported upon any one rod 5 may be moved out of the case and back again within the same at pleasure.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In combination with a case, channel-bars spaced apart and fixed in the case, angle-bars spaced apart and connected and also movably supported between the channel-bars, a bar movably supported between the angle-bars, and an article-support extending downward from the bar and between the angle-bars.

2. In combination with a case, channel-bars spaced apart and fixed in the case, angle-bars connected to each other and spaced apart and also supported by the channel-bars and movable therebetween, a bar supported by the channel-bars and movable therebetween, and a rod supported by the last-named bar and movable therewith.

3. In combination with a case, channel-bars spaced apart and arranged parallel, angle-bars connected at the top and having flanges at the bottom, a supporting-bar between the angle-bars, rolls mounted on the angle-bars and traversing the channels of the channel-bars, and rolls between the supporting-bar and the flanges of the angle-bars.

4. As an article of manufacture, channel-bars spaced apart, brackets attached to the channel-bars to support the same, angle-bars

spaced apart and movable between the channel-bars, rolls on the angle-bars and traversing the channels of the channel-bars, a supporting-bar between the angle-bars, rolls between the supporting-bar and the flanges of the angle-bars, hangers on the supporting-bar, and a rod attached to the hangers.

5. The combination of a case, channel-bars arranged parallel with each other and spaced apart, brackets connecting the channel-bars and the case, angle-bars movable between the channel-bars and spaced apart, connecting members at the top of the angle-bars, flanges at the bottom of the channel-bars, a supporting-bar between the angle-bars and narrower than the same, hangers on the supporting-bar, a rod attached to the hangers, rolls journaled on studs in the angle-bars and traversing the channels of the channel-bars, and rolls between the flanges of the angle-bars and the bottom of the supporting-bar.

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

ANTHONY VANDERVELD.

Witnesses:

LUTHER V. MOULTON,
SAMUEL D. YOUNG.