No. 874,348. PATENTED DEC. 17, 1907.

L. REMOND.

ARTICLE SUPPORT FOR WARDROBES.

APPLICATION FILED APR. 1, 1907.

Fig. 1.

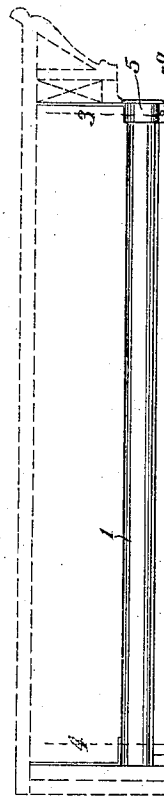


Fig. 2.

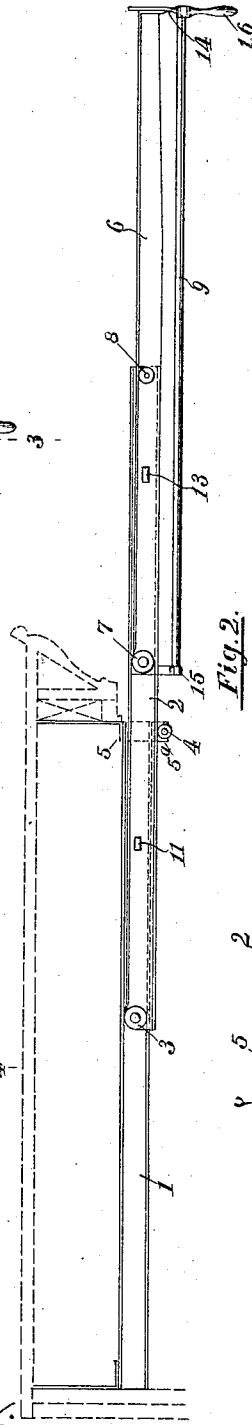


Fig. 4.

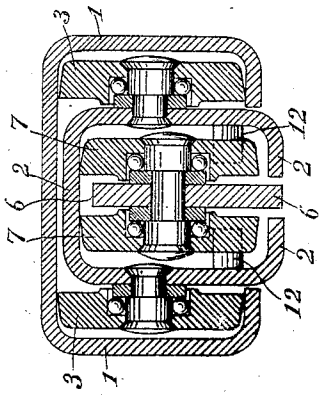
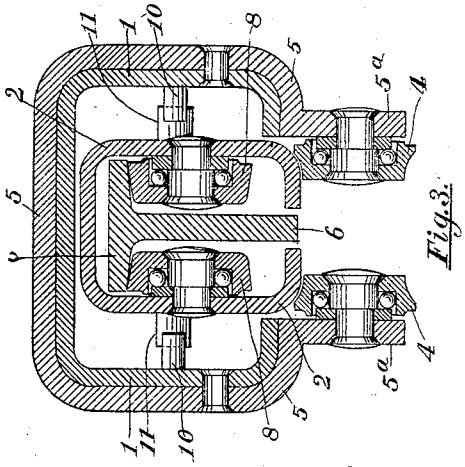


Fig. 3.



Witnesses

Palmer A. Jones.

Georgiana Chase

Inventor

Louis Rémond

By Luther V. Moulton

Attorney

UNITED STATES PATENT OFFICE.

LOUIS RÉMOND, OF GRAND RAPIDS, MICHIGAN, ASSIGNOR TO GRAND RAPIDS SHOW CASE COMPANY, OF GRAND RAPIDS, MICHIGAN, A CORPORATION OF MICHIGAN.

ARTICLE-SUPPORT FOR WARDROBES.

No. 874,348. Specification of Letters Patent. Patented Dec. 17, 1907.

Application filed April 1, 1907. Serial No. 365,795.

To all whom it may concern:

Be it known that I, LOUIS RÉMOND, a citizen of the Republic of France, 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 extended outside and retracted within the wardrobe case; and its object is to provide a device which shall possess symmetry, compactness, ease of operation, lightness of structure, yet strength and durability.

My invention consists essentially of the combination and arrangement of parts, hereinafter more fully described and particularly pointed out in the claims, reference being had to the accompanying drawings, in which:

Figure 1. is a side elevation of a device embodying my invention shown in closed position, as fixed in a wardrobe case; Fig. 2. a diagrammatical view of the same shown in extended position; Fig. 3. a transverse section taken on the line 3—3 of Fig. 1; and, Fig. 4, a transverse section taken on the line 4—4 of Fig. 1.

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

1 represents a rectangular tube stationarily mounted in a wardrobe case and having a slot in its bottom wall extending longitudinally from front to rear of the same; 2 is another rectangular tube having a slot in its bottom wall extending longitudinally from front to rear and adapted to telescopically traverse partly within the plane of the tube 1, the lower portion extending downward through the slot of the tube 1 to a point below the plane of the bottom wall of said tube. The tube 2 is provided at its rear end with non-friction rollers 3, said rollers being adapted to engage the inside top or bottom walls of the tube 1 accordingly as the fulcrum point formed by the rollers 4 is shifted in moving the tube 2 telescopically in or out of the tube 1. The tube 2 is supported at its relative outer end by, and its bottom wall traverses upon the non-friction rollers 4, said rollers being held in operative position by a band 5 surrounding the outer end of the tube 1 and having extensions 5^a extending below the plane of the tube 1, upon which extensions the rollers 4 are journaled.

A T-shaped member 6 is mounted to traverse telescopically within the tube 2 and is supported therein by non-friction rollers 8 mounted on the side walls of the tube 2 and extending inwardly therefrom and engage the under side of the horizontal flange of said T-member. On the rear end of said T-member are non-friction rollers 7—7 which engage either the inside top or bottom walls of the tube 2 as the fulcrum point formed by the rollers 8 is shifted in withdrawing from or returning the said T-member into the tube 2. Attached to the downwardly extended flange of the T-member and at each end thereof are brackets 14 and 15 extending downward through the slot of the tube 2, upon which brackets the rod 9 is mounted, which rod is provided to receive the various garment holding devices used. Stops 10 project inwardly from the side walls of the tube 1, engage stops 11 projecting outward from the side walls of the tube 2 to limit the outward movement of said tube beyond a predetermined point relative to the tube 1. Stops 12 projecting inwardly from the inside walls of the tube 2 engage stops 13 on the vertical flange of the T-member 6 to limit the outward movement of the T-member 6 beyond a predetermined point relative to the tube 2. A handle 16 is provided for convenience in operating the device.

By my improved construction, I am able to produce a device that is light, strong and durable, each of the extensions being in one piece, thus giving strength and rigidity without losing symmetry, lightness of construction, or pleasing appearance.

The non-friction rollers permit the device to be operated with very little friction, and it is capable of carrying a heavy load without binding or becoming distorted or inoperative.

In operation the articles are supported on the rod 9. When it is desired to remove or inspect any of said articles, the handle 16 is grasped and drawn forward to extended position, shown in Fig. 2, in which position the rod 9 is wholly without the plane of the front

of the wardrobe case, and any of the articles may be removed or inspected with ease.

What I claim is:

1. An outer fixed rectangular tube having a longitudinal bottom slot, a second rectangular tube longitudinally movable within the first named tube and also having a longitudinal bottom slot, a T-shaped member movable within the inner tube, a bar suspended from the T-shaped member, non-friction rollers within the tubes to support the inner tube and the T-shaped member, a band surrounding the outer tube and having downward extensions at the respective sides of the slot in said outer tube, and non-friction rollers supported on said extensions and supporting the inner tube.

2. In a device of the class described, the combination of a rectangular tube having a longitudinal slot in its bottom wall extending from front to rear said tube adapted to be held stationary, a second rectangular tube having a longitudinal slot in its bottom wall extending from front to rear said second named tube telescopically traversing the slot of the first named tube partially within and partially below the plane of the same and provided with non-friction rollers at its rear end said rollers engaging the inner top or bottom walls of the first named tube, non-friction rollers at the outer end of and below the plane of the first named tube and in fixed relation thereto and adapted to engage the outside bottom wall of the second named tube and partially support the same, a T-shaped member adapted to telescopically move within the plane of the said second tube and provided with non-friction rollers at its rear end which rolls engage and traverse the inside top or bottom walls of said second tube, non-friction rollers journaled on the second named tube and extending inwardly from the side walls thereof and engaging the underside of the horizontal flange of said T-member supporting the same, brackets attached to each end of said T-member and extending downward through the slot in the second named tube, a bar supported on said brackets, and stops adapted to limit the outward movement of the second named tube and the T-member beyond predetermined points.

3. In a device of the class described, the combination of a rectangular tube having a longitudinal slot in its bottom wall, a second rectangular tube having a longitudinal slot in its bottom wall and telescopically traversing the slot of the first named tube partially within and partially below the plane of the same, non-friction rollers journaled at the rear end of the second named tube and traversing the top or bottom inside walls of the first named tube, a band fixed on the outer end of the first named tube and having lugs extending below the plane of the same, non-friction rollers journaled on said lugs and traversed by the bottom wall of the second named tube, a T-shaped member adapted to telescopically traverse within the plane of the second named tube, non-friction rollers journaled on and projecting inwardly from the side walls of the second named tube upon which the under side of the horizontal flange of the T-member are supported and traverse, non-friction rollers mounted on the rear end of the T-member and traversing the inside top or bottom walls of the second named tube, brackets attached to the respective ends of the T-member and extending downwardly and traversing the slot of the second named tube, a bar supported on said brackets, a stop to limit the outward movement of the second named tube, a second stop to limit the outward movement of the T-member and a handle attached to the outer end of the T-member for extending and retracting the same.

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

LOUIS RÉMOND.

Witnesses:
PALMER A. JONES,
GEORGIANA CHACE.