July 3, 1923. 1,460,685

D. J. SEAMAN

GARMENT RACK

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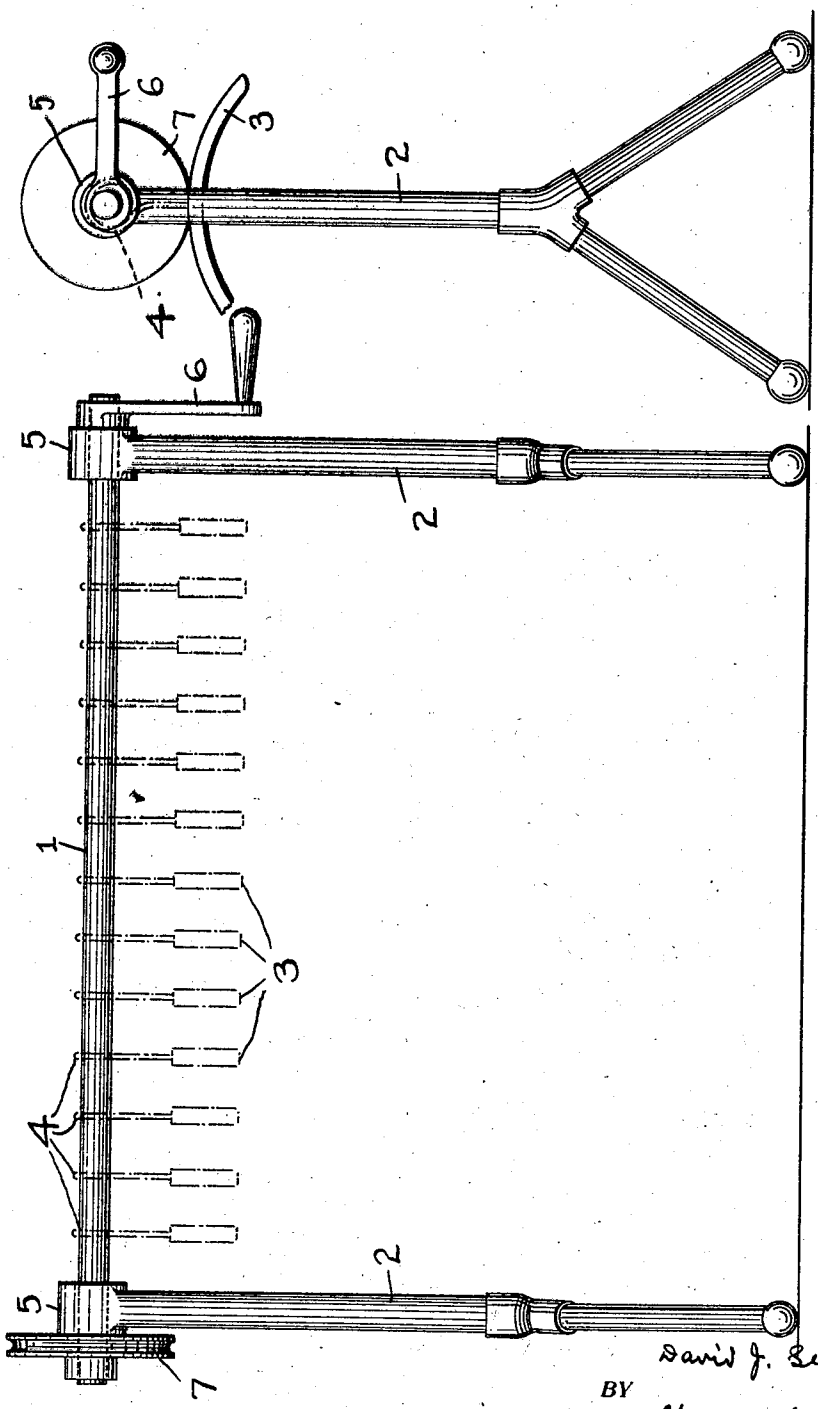


Fig. 2.

Fig. 1.

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GARMENT RACK.

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To all whom it may concern:

Be it known that I, DAVID J. SEAMAN, a citizen of the United States, and a resident of Saginaw, in the county of Saginaw and State of Michigan, have invented a new and useful Improvement in Garment Racks, of which the following is a full, clear, and exact description.

This invention relates to garment racks for display purposes. In such racks, wherein a collection of garments on individual hangers are suspended from a common horizontal bar along which the hangers are slidable, the garments necessarily become bunched as the result of showing, and it requires some time and care, which those in charge are frequently too busy or reluctant to devote, to re-distribute them in the manner which is highly desirable both for the appearance of the store or show-room and for the preservation of the freshness of the garments. The invention has, therefore, for its object to accomplish, automatically, the distribution of garments upon these racks, and it is based upon the discovery that this can be done by simply rotating the rod with some rapidity. As a further useful result of this mode of distribution, the vibration or agitation tends to free the clothing of dust.

In the accompanying drawings, forming a part hereof:

Fig. 1 is an illustrative side elevation; and

Fig. 2 is a corresponding end elevation.

The horizontal hanger-bar 1 is shown mounted in suitable distant supports 2. A number of ordinary garment hangers 3 are shown suspended from the bar by their hooks 4.

The bar, instead of being fixed, is journaled at its ends to rotate about its longitudinal axis in bearings 5 in the supports, being suitably held against endwise movement therein; and means are provided for effecting rotation of the bar. This may be done manually, as by a crank-handle 6, or machine power may be made use of, as is indicated by a pulley 7, which can be connected to an electric motor or other controllable driving means.

After the garment-hangers with their garments have been moved back and forth on the rack in the course of making a selection, and have been left in a disordered condition, it requires but a few quick turns of the bar to separate them where they are too close together and to distribute them with approximate evenness, the action being due to the effect of the bar turning in the hooks of the hangers. The result will depend in some measure upon the number of hangers and garments to the length of the rack, and in any event the undesirable bunching will be relieved, and the movement and vibration will shake out folds and wrinkles and displace a substantial amount of dust.

What I claim as new is:

1. In a garment-rack, a hanger-bar adapted to be rapidly rotated about its longitudinal axis.

2. A garment-rack comprising supports, a hanger-bar journaled to rotate therein, and means for rapidly rotating the bar about its axis.

3. In a garment-rack, the combination of a hanger-bar rotatable about its longitudinal axis, a plurality of garment-hangers slidable thereon, and means for rapidly rotating the bar.

4. The method of spacing and shaping garments suspended by hangers from a common bar, which comprises rapidly rotating the bar about its axis.

5. A garment display apparatus comprising, a single shaft revoluble about its longitudinal axis, a garment hanger through which said shaft is extended in freely revoluble relation thereto, means for supporting said shaft, and means for rapidly revolving said shaft.

6. A garment display apparatus comprising a single shaft revoluble about its longitudinal axis, a garment hanger mounted to travel longitudinally thereon and through which said shaft is extended in freely revoluble relation thereto, means for support ing said shaft, and means for rapidly revolving said shaft.

DAVID J. SEAMAN.