UNITED STATES PATENT OFFICE.

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CLOTHES RACK OR HANGER.


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To all whom it may concern:

Be it known that we, JAMES ROW and CHARLES FREDERICK SMITH, both subjects of the King of Great Britain and Ireland, residing at 54 to 56 Southampton Row, Holborn, in the administrative county of London, England, have invented a new and useful Improvement in Clothes Racks or Hangers, (for which I have filed application in Great Britain, Feb. 18, 1920, application No. 4637/20,) of which the following is a full and complete specification:

This invention relates to clothes racks or hangers for use in wardrobes, trunks and the like and has for its object to facilitate obtaining access to the garments. A further object of the invention is to enable the hanger to be fitted to trunks having loose trays without interfering with the use of such or cutting away any part of same.

The present invention consists of a construction which comprises a base board adapted to be fixed in the wardrobe, trunk or the like, a member adapted to slide on said base board and a hanging bar carried by said sliding member and adapted to receive the suspenders for the garments said sliding member being adapted when drawn out to the full extent of its travel to be turned through an angle of 90° so as to bring it and the bar which it carries in line with the front or face of the wardrobe, trunk or the like. The invention also consists in certain details of construction herein-after more particularly described.

In the accompanying drawings which show some embodiments of this invention:

Figure 1 is a view in plan showing a construction suitable for a wardrobe in its closed up state.

Fig. 2 is a view in cross section on line 2--2 Fig. 1.

Figs. 3 and 4 are views in elevation and plan respectively showing the rack or hanger in its opened out position.

Figs. 5, 6, 7, and 8 are similar views showing a modification which occupies less space when closed up which makes it suitable for trunks having removable trays, and

Fig. 9 is a view in isometric projection showing the application of the hanger to a trunk.

Throughout the views similar parts are marked with like numerals of reference.

Referring to Figs. 1, 2, 3 and 4, the sliding member 1 which carries the hanging or suspender bar 2 runs in suitably shaped side guides 3 formed on or carried by a base board 4 which is adapted to be secured to the top of the wardrobe trunk or the like 60 and carries at or about the center of its length a vertically arranged pivoting pin 5 which moves in a slot 6 in said base board. One of the guides 3 is shorter than the other in order to allow the sliding member to be turned on said pivotal pin 5 after it has been pulled forward to the extreme limit of its travel thereby the suspender bar 2 is brought into a position at right angles to the base board and therefore parallel to the front or face of the wardrobe trunk or the like and the forward end of the other guide is cut to make a projection 7 which engages the one edge of the sliding member 1 when it is in its swung around position. The pivotal pin 5 is provided with a head 8 which may conveniently take the form of a washer and nut as shown and which engages the upper face of the base board and thereby together with the projection 7 supports the sliding piece when it is free of the guides 3.

On the base board 4 at or near the front edge is a spring stop 9 with which the sliding member 1 engages when it is turned into its transverse position which operates to retain the said member in said position.

For use in trunks—especially those fitted with removable trays in which the available depth is limited—the sliding member is made in two pieces adapted to slide longitudinally in relation to one another so that said member while retaining its overall length when drawn out is considerably shortened when it is telescoped. Referring to Figs. 5, 6, 7 and 8 the main part 11 of the sliding member is mounted to slide in guides 13 carried by the base board 14 in the manner hereinbefore described and the telescopic part 11* which carries the suspender bar 12 is mounted to slide on the main part 11, being guided thereon partly by the side guides 13 and partly by a side guide 13* carried by the main part 11. The telescopic part 1 is pivoted to the main part 11 by a piece 15 which is mounted on the main part 11 by a piece 15 which is mounted on the main part 11 and slides in a slot 16 in the main part 11.

In order to provide the part 11* of the sliding member with an additional support when it is in its drawn out and swung around position an L-shaped bracket 10 is fixed on the part 11 of the sliding member in such a
position that when said part 11° of said member is swung around in relation to the part 11 it will engage said plate 10.

We claim—

5 1. In a clothes rack the combination of a base board, a carrier member slideable in said base board, a sliding pivoting and supporting pin operating between said carrier member and said base board so that on said carrier member being drawn out to the limit of its travel in relation to said base board it can be turned at right angles to said base board, a hanging bar carried by and longitudinally arranged in relation to said sliding member and a stop and two supports all carried by the base board the former to retain the sliding member in its position at right angles to the base board and the latter to support said sliding member when in said swung around position.

2. A clothes rack comprising a base board, guides mounted on said board one of greater length than the other, a slot in said board in parallel relation to said guides, a carrier member adapted to slide in said guides, a pin carried by said carrier member and adapted to slide in the slot in the base board, a head carried by said pin and adapted to engage the back of the base board and a hanging bar carried by said carrier member.

3. A clothes rack comprising a base board, guides mounted on said board one of greater length than the other, a slot in said board in parallel relation to said guides, a carrier member adapted to slide in said guides, a pin carried by said carrier member and adapted to slide in the slot in the base board, a head carried by said pin and adapted to engage the back of the base board, a hanging bar carried by said carrier member, a support carried by the base board and a support formed by the longer of the two guides with both of which the carrier member engages when it is turned at right angles to said base board.

4. A clothes rack comprising a base board, guides mounted on said board one of greater length than the other, a two part telescopic carrier member the main part of which is adapted to slide in said guides and the other and outer part of which is adapted to slide on said main part, a pin carried by said outer part of said carrier member and adapted to slide in a slot in the main part of the carrier member, a head carried by said pin and adapted to engage the back of the said main part of carrier member, and a hanging bar carried by said outer part of said carrier member.

5. In a clothes rack the combination of a base board, guides mounted on said board one of greater length than the other, a telescopic two part carrier member the main part of which is a carrier adapted to slide in said guides and the other or outer part of which is adapted to slide on said main part, a pin carried by said outer part of said carrier member and adapted to slide in the slot in the main part of said carrier member, a head carried by said pin and adapted to engage the back of the main part of the carrier member, a suspender bar carried by and arranged in parallel relation to the outer part of said carrier member, and a support carried by the base board with which the outer part of said carrier member engages when it is turned at right angles to said base board.

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