Nov. 7, 1950 J. H. HAMMOND, JR 2,529,294

GARMENT HANGER

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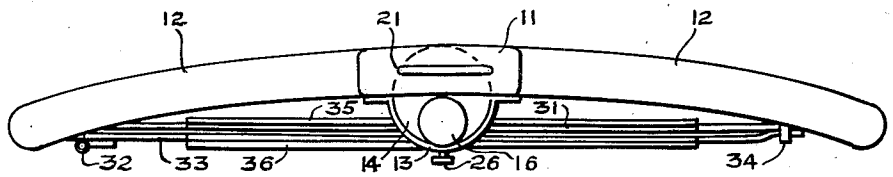


Fig. 2.

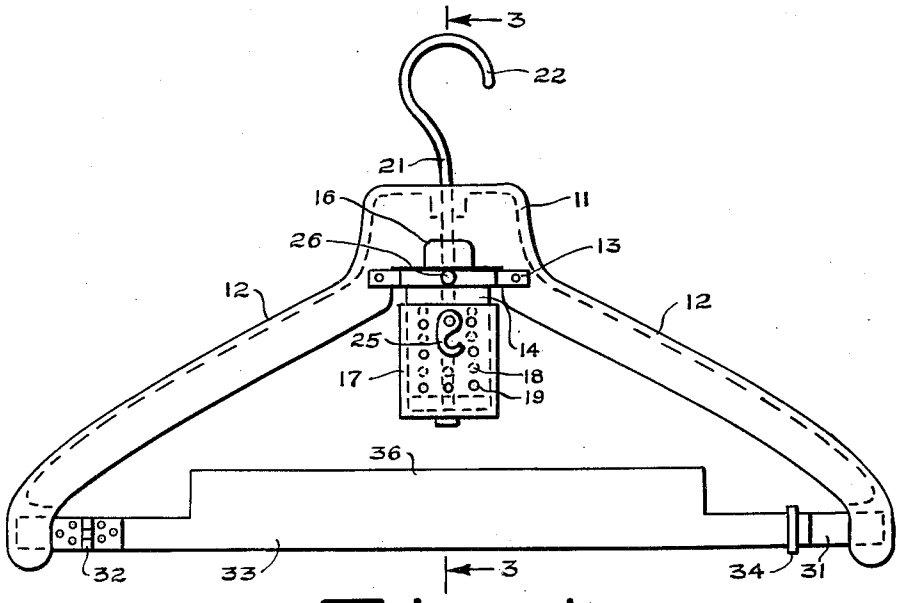


Fig. 1.

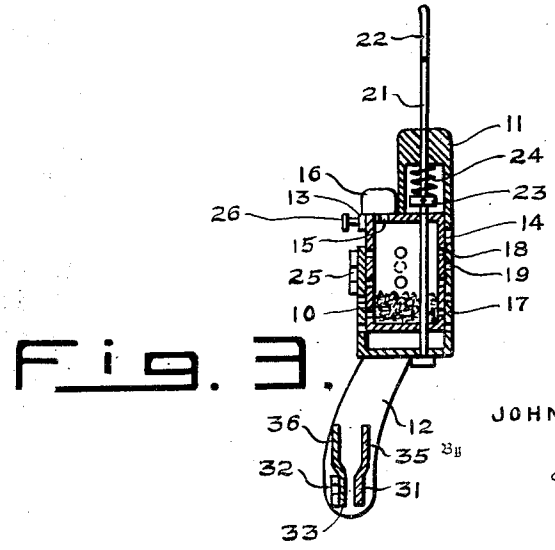


Fig. 3.

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GARMENT HANGER

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2 Claims. (Cl. 223—86)

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This invention relates to coat hangers and more particularly to a coat hanger provided with means for producing moth repellent odors when a garment is hung on the hanger.

One embodiment of the invention consists of a coat hanger to which is attached a perforated container which may be filled with moth repellent material and which is provided with means for uncovering the perforations when a garment is placed on the hanger.

The invention also provides a trouser rod to which is hinged a bar which may be clamped to the rod, so as to hold the trousers securely in place.

The invention also consists in certain new and original features of construction and combinations of parts hereinafter set forth and claimed.

Although the novel features which are believed to be characteristic of this invention will be particularly pointed out in the claims appended hereto, the invention itself, as to its objects and advantages, the mode of its operation and the manner of its organization may be better understood by referring to the following description taken in connection with the accompanying drawing forming a part thereof, in which

Fig. 1 is a front elevation of a coat hanger constructed in accordance with the invention.

Fig. 2 is a top plan view of the coat hanger; and

Fig. 3 is a section taken on line 3—3 of Fig. 1.

Like reference characters denote like parts in the several figures of the drawing.

In the following description parts will be identified by specific names for convenience, but they are intended to be as generic in their application to similar parts as the art will permit.

Referring to the form of the invention shown in the accompanying figures a coat hanger of standard contour is formed with a central supporting member 11 and downwardly sloping arms 12. Attached to the central member 11 by means of a clamp 13 is a perforated cylindrical container 14 having a plurality of holes 18. A filler hole 15 having a cap 16 is provided in the top of the container 14. Through the hole 15 moth repellent material 10 is introduced into the container 14.

Slidably mounted on the inner cylindrical container 14 is an outer perforated cylinder 17 provided with a plurality of holes 19 which at suitable times register with the holes 18 in the container 14. A rod 21 is secured to the base of the outer container 17 and is slidably mounted in the fixed container 14 and supporting member 11.

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The upper portion of the rod 21 is formed into a hook 22 for supporting the hanger on a rod. Secured to the rod 21 is a collar 23 between which and the supporting member 11 is mounted a coil spring 24. A hook 25 is pivoted to the outer cylinder 17 and at suitable times engages a pin 26 secured to the clamp 13.

Mounted in the ends of the arms 12 is a flat metal bar 31, which is provided with an offset section 35. Hinged to the bar 31 by means of a hinge 32 is a second flat metal bar 33 having an offset section 36. Slidably mounted on the bar 31 is a metal collar 34 which may be slid over the second bar 33 to hold it in position as shown in the accompanying figures.

Operation

In the operation of the invention the outer cylinder 17 is held in the position shown by means of the spring 24 acting on the collar 23, this spring being strong enough to support the weight of the coat hanger when no clothes are on it. In this position the holes 19 in the outer cylinder 17 do not register with the holes 18 in the inner cylinder 14, thus preventing the escape of the moth-repellent odor when no clothes are on the hanger.

When a garment is placed on the hanger its weight will be sufficient to cause the hanger to slide down on the rod 21 until the base of the outer cylinder 17 engages the base of the inner cylinder 14 at which time the holes 19 in the outer cylinder 17 will register with the holes 18 in the inner cylinder 14 allowing the moth repellent odor to escape through the holes and permeate the garment on the hanger.

If a very light garment, such, for example, as a vest be hung on the hanger, its weight may not be sufficient to compress the spring 24 in which case the outer cylinder 17 may be held in the operative position by means of the hook 25 engaging the pin 26.

If a pair of trousers is to be hung on the hanger the collar 34 is slid to the right, releasing the bar 33 which is swung outwardly about the hinge 32. The trousers are then placed in position and the bar 33 swung back to its original position and clamped by sliding the collar 34 to the left. The offsets 35 and 36 act to hold the cuffs of the trousers in their proper position so that they will not become wrinkled.

Although only a few of the various forms in which this invention may be embodied have been shown herein, it is to be understood that the invention is not limited to any specific con-

struction but might be embodied in various forms without departing from the spirit of the invention.

What is claimed is:

1. A garment hanger comprising a garment support having outwardly extending arms adapted to receive the shoulders of a coat or the like, a receptacle for moth repellent material fixed to said support and having vent openings for the escape of vapor, a retractable closure for said openings, spring means holding said closure in position to close said openings, and a member having a hook for hanging said hanger and connected to retract said closure against the action of said spring means, said garment support being movable with respect to said member in response to the weight of the garment thereon.

2. A garment hanger comprising a garment support having outwardly extending arms shaped to receive the shoulders of a coat or the like, a cylindrical receptacle for moth repellent material attached to said support and having vent openings therein, a sleeve slidable vertically on said receptacle and having openings registering with said vent openings, spring means holding said sleeve in vent closing position, a rod slidable in said central support and adapted to support the hanger, said rod being attached to said sleeve to shift the same to vent opening position against the action of said spring means in response to the weight of the garment on said hanger.

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The following references are of record in the file of this patent:

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