June 27, 1950 C. G. A. RYDMAN 2,512,810

GARMENT HANGER

Filed July 9, 1946

Fig. 1

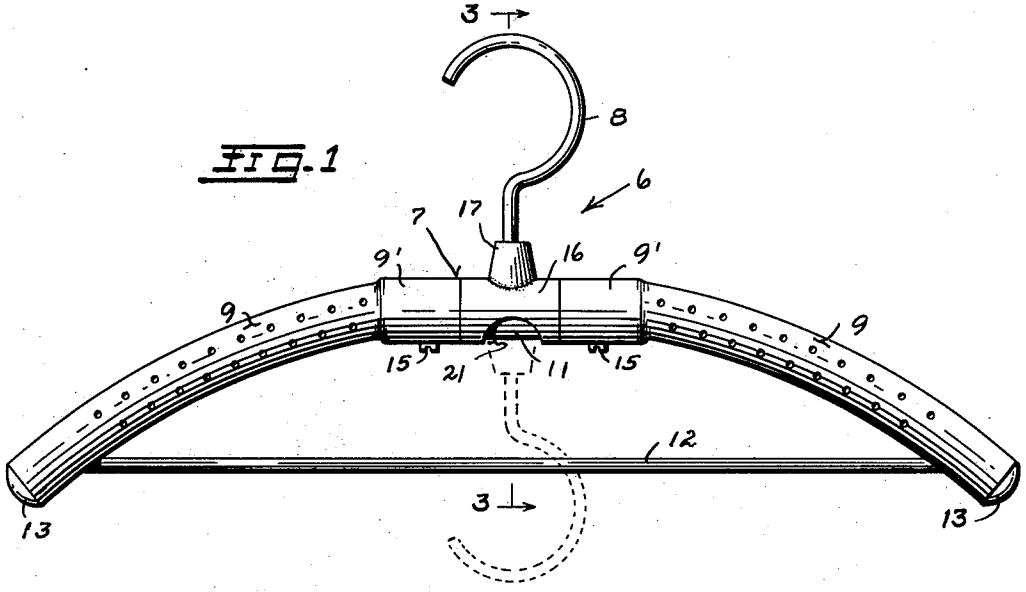


Fig. 2

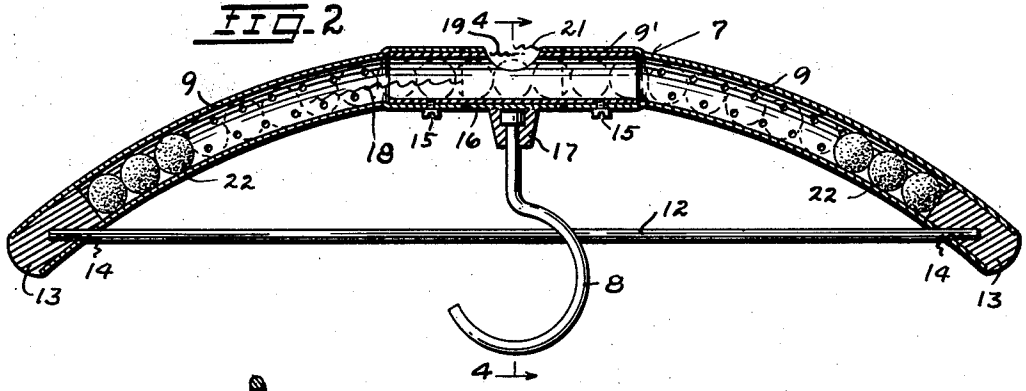


Fig. 3

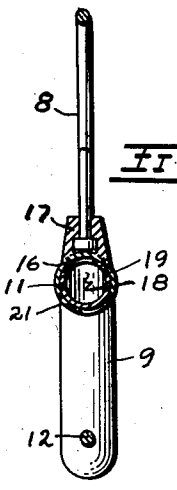
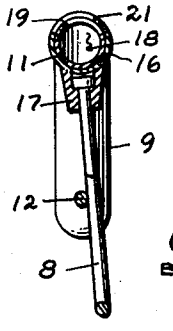


Fig. 4



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GARMENT HANGER

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5 Claims. (Cl. 223—86)

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The invention relates to a garment hanger of the suit-supporting type.

An object of the invention is to provide a garment hanger with a charge of vaporizable insecticide and/or repellent within its structure for providing its vapor for the protection of garments supported by it.

Another object is to provide a garment-hanging unit of the character described having a hook arranged for its supporting extension from the hanger body, or for folding against the body generally within the confines thereof for providing a compact package when the hanger is not in use.

A more specific object is to provide a structure in which the mounting for the hook provides a closure for the filler opening of a charge-receiving space of the hanger.

A further object is to provide a garment hanger for present purposes which is of particularly simple structure.

The invention possesses other objects and features of advantage, some of which, with the foregoing, will be set forth or be apparent in the following description of a typical embodiment thereof, and in the accompanying drawings, in which:

Figure 1 is a side elevation of a garment hanger embodying the present features of the invention and arranged for use.

Figure 2 is a section taken in the plane of the hanger when the hook thereof is in folded position.

Figures 3 and 4 are sectional views taken respectively on the lines 3—3 and 4—4 in Figures 1 and 2.

As particularly illustrated, the features of present invention are disclosed in the structure of a garment hanger 6 comprising an arcuate bar portion 7 arranged for its supporting insertion in the shoulders of an upper garment, and a support hook 8 mounted on the bar intermediately thereof and extendable from the bar in its plane for engaging a support member such as a wall bracket or a clothes pole. The present bar 7 comprises curved tubular members 9 connected in a common plane by a tubular member 11 having at least the central portion thereof straight and of uniform circular cross-section. Preferably, and as shown, the opposed end portions 9' of the bar members 9 are belled out to fittedly and telescopically receive the ends of the member 11, the diameter of the latter member being substantially that of the unexpanded portions of the former members, and the opposed

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inner ends of the portions 9' being mutually spaced to define the ends of an annular groove about the central portion of the member 11.

The present bar members 9 are closed at their outer ends, and have said ends connected by a rod 12 extending as a chord with respect to the bar assembly 9—11—9, the rod being arranged to provide a support for pants and other garments to be draped thereover, while bracing the assembly as a chord for the bar arc. In the present structure, plugs 13 therein close the outer ends of the bar members 9, whereby the members 9 may comprise curved sections of tubing. The end portions of the rod 12 are engaged through holes at the inner sides of the members 9 and extend into aligned sockets 14 provided in the plugs 13. The present hanger body structure, which comprises the sectional support bar 7 and the rod 12, is arranged to have the rod 12 installed as the ends of its member 11 are engaged in the inner ends of the members 9, and the final assembly is held together by screws 15 extending through the members 9 and 11.

It will now be noted that the annular groove bounded by the outside of the member 11 and the mutually opposed ends of the members 9 fittedly and rotatably mounts a sleeve 16 having the support hook 8 extending radially therefrom midway of its length; the tubular member 16 comprises the immediate support member for the bar 7 and is mounted intermediately on the bar member 11 before the present hanger body is assembled. In the present structure, the hook 8 comprises a C-loop portion and a shank portion having its inner end in swiveled engagement with the sleeve member; as particularly shown, the inner end portion of the hook shank extends through a frusto-conical member 17 fixed to the member 16 and provided with a stepped bore having its portion of greatest diameter nearest the member 16 and receiving a complementarily enlarged terminal portion of the hook shank to provide a swiveled mounting of the hook with respect to the sleeve member 16. Noting that the hook and hanger body assemblies are, in effect, swiveled together, it will be understood that the hook may be optionally extended beyond the arc of the bar 7 in the plane of said arc or be disposed inwardly of said arc in lateral engagement with the rod 12 to provide a convenient folded condition for the hanger assembly, this feature being of value in the packaging and/or transportation of the hangers.

Aside from the folding and unfolding of the hanger permitted by the swivel connection of

the hook and bar assemblies, the specific connection is utilized to effect an opening or closing of a charging opening for the bar cavity 18, said opening being provided in the bar member 11 opposite the sleeve member 16. As particularly illustrated, a charging opening 19 is provided in the member 11 centrally of its length and at its side which is uppermost when the hanger is unfolded for its use, and the sleeve member 16 is provided with an opening 21 which is arranged to register with the opening 19 when the hanger structure is folded (Figs. 2 and 4) and to register with an imperforate portion of the member 11 when the hook is extended (Figs. 1 and 3).

It will now be noted that the parts of the bar members 9 between their portions 9' and the plugs 13 are perforated in a suitable pattern whereby the hollow bar structure is foraminous thereat to permit the escape of vapors from charging elements 22 which have been inserted in the cavity 18 through the opening 19. Said charging elements 22 may comprise moth balls or other solid bodies of material which emit vapors having insecticidal and/or repellant effects on moths and other insects which injure garments, the precise material and form of the charges being generally immaterial to the present rechargeable structure.

From the foregoing description, taken in connection with the accompanying drawings, the advantages of the construction and use of the present garment hanger will be readily understood by those skilled in the art to which this invention appertains. While I have described the features of a garment hanger which I now consider to comprise a preferred embodiment of my invention, I desire to have it understood that the showing is primarily illustrative and that such changes and developments may be made, when desired, as fall within the scope of the following claims.

I claim:

1. A garment hanger comprising an elongated hollow garment-engaging member adapted to receive a charge of vaporizable material in its cavity, a sleeve rotatably receiving the central portion of said member for a solely rotative relative adjustment of the portion and member, and a hanger support means provided on the sleeve, said member and sleeve being provided with mutually registerable charging openings for their non-registering relation when the support means is operative and for their alternate registered relation to provide for a charging of the member therethrough, said openings being respectively disposed at the top and bottom of the member and sleeve when the hanger is in use, and the sides of the member being foraminous except at the sleeve.

2. In a garment hanger, a support member comprising tubular end portions connected by an intermediate tubular portion telescopically engaged in and fixed to the mutually spaced inner ends of the first portions, and a sleeve member rotatably journaling the intermediate portion between the opposed ends of the end portions against relative axial movement of the member and sleeve, said intermediate portion and sleeve member being provided with mutually registerable charging openings to be mutually registered in one rotatively adjusted relation of the intermediate portion and sleeve to provide for the placing of a charge of material in the space of the portions and are arranged to be out of registration in another rotatively adjusted relation of the portion and sleeve.

3. In a garment hanger, a garment-engaging support member comprising tubular end portions connected by an intermediate tubular portion telescopically engaged in and fixed to the mutually spaced inner ends of the first portions, and a sleeve member rotatably journaling the intermediate portion between the opposed ends of the end portions against axial shifting with respect thereto and providing a support means for the hanger, said intermediate portion and sleeve member being provided with mutually registerable charging openings to be mutually registered in one rotatively adjusted relation of the intermediate portion and sleeve to provide for the placing of a charge of material in the space of the portions and to be out of registration in another rotatively adjusted relation of the portion and sleeve when the support means is operative with respect to the hanger.

4. A garment hanger comprising an elongated hollow foraminated garment-engaging member for receiving a charge of vaporizable material and having an exteriorly cylindrical central portion, and a support member providing a bore rotatably receiving said central portion of the garment-engaging member for a relative rotative adjustment of the members about the axis of said bore between supporting and non-supporting relations of the support member to the garment-engaging member, said members being provided with mutually registerable charging openings directed radially of said axis for mutual registration when the support member is in non-supporting relation to the garment-engaging member and for a non-registering relation when the support member is rotatively adjusted about the central portion of the garment-engaging member into supporting relation to the member.

5. In a garment hanger, an elongated hollow garment-engaging member for receiving a charge of vaporizable material and having an exteriorly cylindrical central portion provided with a radial charging opening and having its remaining portions foraminated, and a support member provided with a bore rotatively receiving solely said central portion of the garment-engaging member for a relative solely rotative adjustment of the members about the axis of said bore and provided with a radial charging opening extending from its said bore for selective disposal in registering or non-registering relation with respect to the charging opening of the first member solely by reason of relative rotative adjustments of the members.

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