May 16, 1939. H. A. GROTTE ET AL. 2,158,539

GARMENT HANGER

Filed Oct. 19, 1936

Fig. 1.

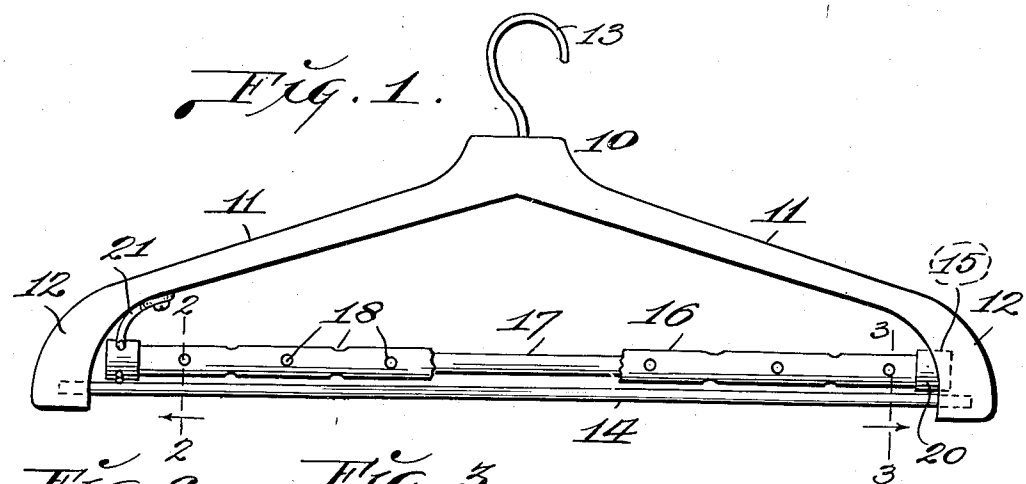


Fig. 2

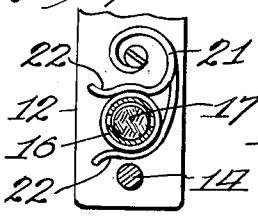


Fig. 3.

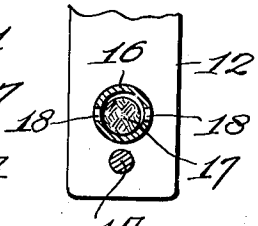


Fig. 4



Fig. 5.

Fig. 6.

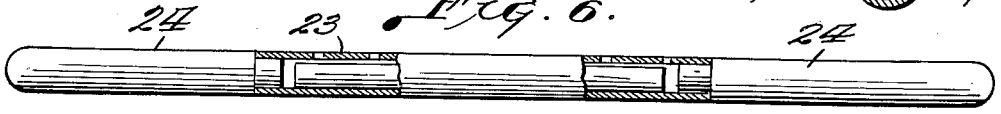


Fig. 7.

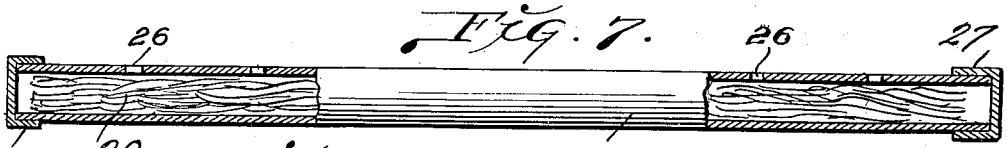


Fig. 8.

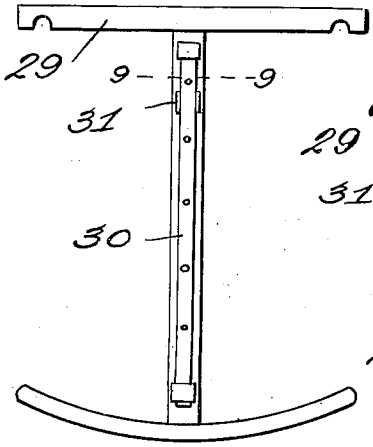


Fig. 9.

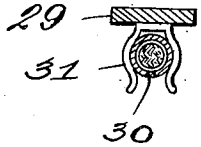
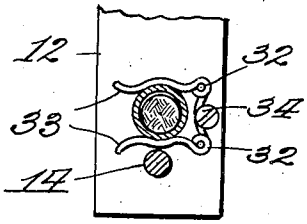


Fig. 10.



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GARMENT HANGER

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3 Claims. (Cl. 223—86)

Our invention relates to garment hangers and has for its principal object, the provision of a relatively simple, practical and inexpensive attachment for garment hangers and the like, and which attachment is in the form of a container that is adapted to receive an insecticidal agent or repellent, and particularly, a composition that is effective in destroying insects such as moths and the like.

A further object of our invention is to provide a container for an insecticide and the like, and which container, in addition to being detachably applied to garment hangers and the like for the protection of garments suspended upon said hangers, may be applied to suitable supports in clothes-closets, trunks, chests, show-cases, or in fact any receptacle or container that is utilized for the storage, display or packing of clothing, furs and the like, and which are subject to the destructive action of moths and other insects.

With the foregoing and other objects in view, our invention consists in certain novel features of construction and arrangement of parts that will be hereinafter more fully described and claimed and illustrated in the accompanying drawing, in which:

Fig. 1 is an elevational view of a garment hanger and showing the same equipped with an insecticide holder as contemplated by our invention.

Fig. 2 is an enlarged vertical section taken on the line 2—2 of Fig. 1.

Fig. 3 is an enlarged vertical section taken on the line 3—3 of Fig. 1.

Fig. 4 is a perspective view of the end portion of a modified form of a container.

Fig. 5 is a cross section taken on the line 5—5 of Fig. 4.

Fig. 6 is an elevational view partly in section and showing a further modified form of the container.

Fig. 7 is an elevational view with parts in section and showing a form of container that is adapted to receive a wick-like member that is saturated with a liquid insecticide or repellent.

Fig. 8 is an elevational view of a garment hanger of the type used in wardrobe trunks and showing one of the insecticide containers applied thereto.

Fig. 9 is an enlarged horizontal section taken on the line 9—9 of Fig. 8.

Fig. 10 is a detail elevational view with parts in section and showing a modified form of the clip or bracket that is utilized for supporting the insecticide container.

Referring by numerals to the accompanying drawing which illustrates a preferred embodiment of our invention, 10 designates a conventional garment hanger having a pair of inclined arms 11, the outer ends of which are curved downwardly as designated by 12, and projecting upwardly from the center of the hanger is a hook 13, by means of which the hanger is suspended from a suitable support.

Secured to or seated in the downwardly curved ends 12 of the hanger are the ends of a rod 14 which provides a support for a pair of trousers, a folded skirt or the like, and formed in the inner face of the downwardly curved end portion of one of the arms 11 just above one end of the rod 14 is a recess 15.

A tube 16 of thin sheet-metal or material, such as hard rubber, celluloid or composition, serves as a container for a rod-like member 17 of insecticide, preferably of the type that slowly evaporates or disintegrates, thereby throwing off fumes that kill insects, such as moths and their larvae, and in order that air may contact with this body of insecticide the tube 16 is perforated, as designated by 18. In some instances it may be found desirable to provide the tubular container 16 with one or more longitudinally disposed slots, such as 19, Fig. 4.

Removably applied to one or both ends of the tube 16, are caps, such as 20, and when the insecticide container is applied to the hanger, one end thereof, or the cap 20 on said end, is inserted in the recess 15. The opposite end of the container is removably seated in a retaining clip 21, preferably formed of resilient wire and having a pair of arms 22 that receive the end of the container, and which clip is suitably secured to the underside of one of the arms of the hanger immediately adjacent the downwardly turned end 12 thereof.

Thus when the insecticide container is properly applied to the hanger, it occupies a position just above the rod 14 so as to engage upon trousers or garments that are suspended from said rod 14, thus holding the garment upon its support.

In Fig. 6, we have shown a tubular insecticide container 23 positioned between short rods 24 of wood or the like, and the outer ends of these rods are adapted to engage respectively in the recess 15 and in the clip 21.

In this form of container the rods 24 provide closures for the ends of the tubular container 23, and the latter may be perforated or slotted so as to admit air to the body of the insecticide within the container.

In the modified construction illustrated in Fig. 7, a tube 25 is provided in its upper portion with apertures 26 and the ends of said tube are closed

by caps 27, either one or both of which are removable.

Removably positioned within this container is a wick-like member 28 of fibrous material that is saturated with a liquid insecticide, and which throws off fumes and vapor that are effective in killing insects, such as moths.

In Fig. 8 we have shown a garment hanger 29 of the type generally employed in wardrobe trunks, and detachably applied to the upright member of this hanger, is a tubular container 30 for insecticide, which is retained on the hanger by a suitable clip 31 (see Fig. 9).

In Fig. 10 we have illustrated a modified form of the spring clip utilized for receiving the ends of the insecticide containers, and this form of clip is formed from a single piece of resilient wire bent to form a pair of spaced coils 32 from which project resilient arms 33 that receive the end of the container, and the clip being secured to a garment hanger or the like by a screw 34 that engages the wire between the coils 32.

While we have shown our improved insecticide container applied to a garment hanger, it will be understood that by providing suitable clips or holding means the insecticide container may be detachably positioned within trunks, chests, boxes or other similar receptacles utilized for the storage of clothing, furs and the like, and, further, that the containers may be applied to the interior of show-cases, display cabinets and in rooms that are utilized for the storage of clothing, furs and the like.

The containers are easily and quickly applied to or removed from garment hangers, and from clips or supporting means located in various structures where the containers may be installed, and as one or both caps on the ends of the containers are removable, it is a comparatively easy matter to insert a new body of insecticide in the container when the previous body has evaporated.

Thus it will be seen that we have provided an insecticide receptacle particularly applicable for use on garment hangers, receptacles, showcases, cabinets and the like that are utilized for the storage of clothing, furs and the like, and which receptacle is relatively simple in construction, inexpensive of manufacture, and very effective in performing the functions for which it is intended.

It will be understood that minor changes in the size, form, and construction of the various parts of our improved garment hanger may be made and substituted for those herein shown and described without departing from the spirit of the invention, the scope of which is set forth in the appended claims.

We claim as our invention:

1. The combination with a garment hanger having a pair of inclined arms, of a rod having its ends seated in the ends of said inclined arms, an insecticide container removably mounted on said hanger and arranged between the ends of the arms thereof above and parallel with said rod and a clip secured to the end of one of the inclined arms adjacent the end of the rod seated therein for receiving one end of said container.

2. The combination with a garment hanger having a pair of inclined arms, of a rod having its ends seated in the ends of said inclined arms, an insecticide container removably mounted on said hanger and arranged between the ends of the arms thereof above and parallel with said rod, a clip secured to one end of one of said arms adjacent the end of the rod seated therein for receiving one end of said container, and a removable member normally closing one end of said insecticide container.

3. The combination with a garment hanger having a pair of inclined arms, and a rod having its ends seated in the ends of said arms, of an insecticide container arranged above and parallel with said rod, the end of one of said arms being provided with a recess for the reception of one end of said insecticide container, and a clip mounted on the end of the other arm of the hanger for the reception of the adjacent end of said insecticide container.

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