Sept. 2, 1952 K. F. LEACH 2,609,104

MULTIPLE COAT HANGER SUPPORT

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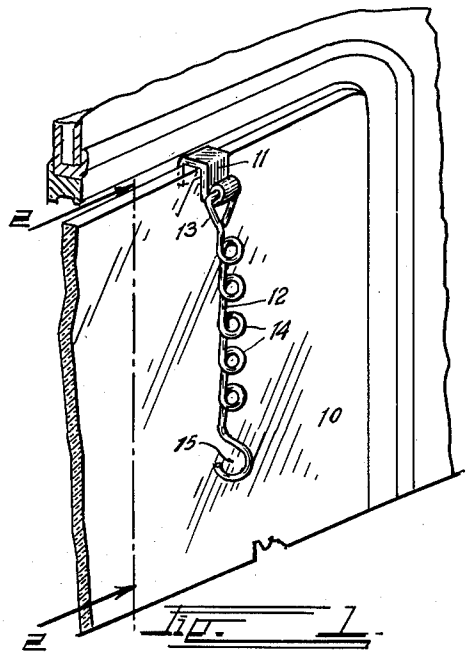


Fig. 1.

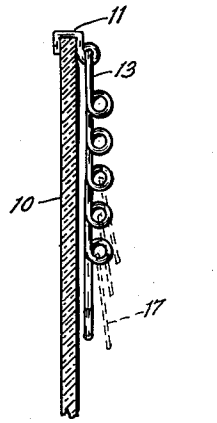


Fig. 2.

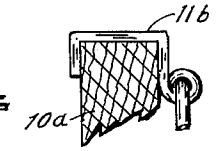


Fig. 6.

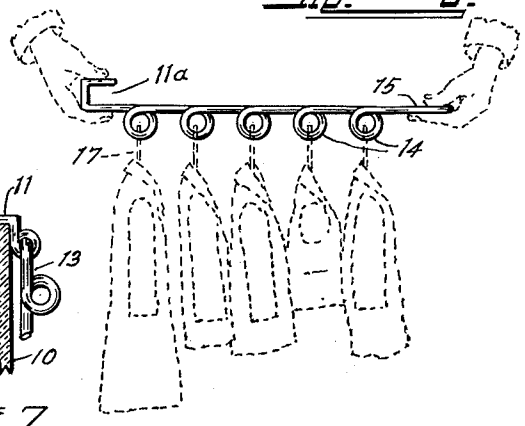


Fig. 5

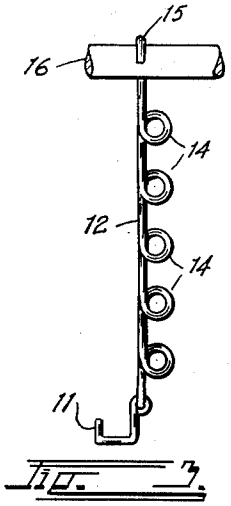


Fig. 3.

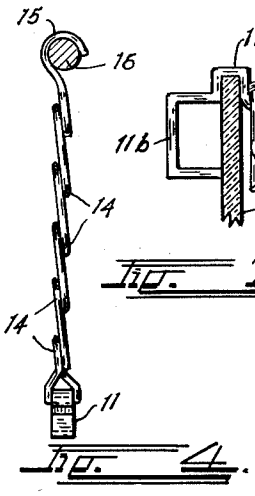


Fig. 4.

Fig. 7.

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MULTIPLE COAT HANGER SUPPORT

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Application March 17, 1949, Serial No. 81,901

2 Claims. (Cl. 211—86)

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This invention relates to improvements in supports for coat hangers and has reference more particularly to a device by means of which a number of coat hangers may be supported from a single hook or from the upper edge of an automobile window.

In many residences closets are small and it is difficult to find room for as many coat or garment hangers as are needed to properly support the clothing that must be stored in the closet.

A large number of persons are touring the country in automobiles and must carry many articles of clothing. Automobiles are not well suited for transporting clothing except in boxes, suitcases or trunks and tourists who stop frequently at hotels or tourist camps prefer to transport the greater part of their clothing suspended from garment hangers of the usual kind.

It is now customary to provide small double ended hooks of which one may be positioned on the top edge of each car window in the rear compartment. Such hooks are small and as a rule only a single hanger can be supported from each window, which limits the capacity to carry garments suspended from hangers.

It is the object of this invention to produce a simple, inexpensive device that can be suspended from a hook, a bar, or from the upper edge of an automobile window and which shall be so constructed that it will support a plurality of coat or garment hangers with garments thereon.

A further object is to produce a device for the purpose described that shall be so constructed that it may be supported from either end, one end having means for attaching it to the top of an automobile window pane and the other end having means for effecting a supporting connection with a hook or bar and which will also serve for a hand grip for carrying the device with the loaded hangers, to and from an automobile.

A still further object is to produce a device of the class specified, of such a design that it can be constructed by simple tools and with a minimum amount of hand work.

The above and other objects that may become apparent as the description proceeds are obtained by means of a construction that will now be described in detail and for this purpose reference will be had to the accompanying drawing in which the invention has been illustrated, and in which:

Figure 1 is a fragmentary perspective view showing an automobile window, partly open, with an improved garment hanger support in operative position thereon;

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Figure 2 is a section taken on line 2—2, Figure 1;

Figure 3 is a side view showing the support device suspended from a rod;

Figure 4 is a front elevation of the device shown in Figure 3;

Figure 5 is a view showing a plurality of coat hangers suspended from the support.

Figure 6 is a fragmentary section, similar to Figure 2 and shows the device supported from a door; and

Figure 7 is a section similar to Figure 2 and shows a modified form of hook that can be supported either from a window or a door.

In the drawing reference numeral 10 designates the window pane of an automobile door or window opening. This glass is so supported that the window may be opened or closed by moving the glass pane up or down by suitable mechanisms that have not been shown.

In Figure 1 the window has been shown slightly open and the supporting device that forms the subject of this invention has been shown in place thereon and supported from the upper edge of the pane by means of a hook 11 whose construction will be hereinafter described in greater detail.

The supporting device itself in the form in which it is presently constructed, is made from a piece of thin rod or heavy wire that has been designated by reference numeral 12. This wire is provided at one end with a loop like that designated by reference numeral 13 to which the hook 11 is connected by an integral loop 11' in the manner quite clear from the drawings. The wire is then bent into a series of closed coils or rings 14. There may be as many coils as desired, and the end of the wire opposite from hook 11 terminates in a hook 15 of sufficient size to permit the device to be supported from a rod like that indicated by 16 in Figures 3 and 4.

In Figure 2 a side elevation has been shown in which a number of ordinary coat or garment hangers of the type usually made from wire have been indicated by dotted lines, the coat hangers being designated by reference numeral 17. It will be apparent from Figure 2 that as many coat hangers can be supported as there are coils or rings, for example, in the construction shown in Figures 1 to 4 in the drawing, there are five coils and therefore five coat hangers can be supported thereon.

In Figure 5 the support has been shown as held in a horizontal position with five coat hangers and garments supported thereby. When either end is moved upwardly, the coat hangers

will pivot in coils 14 and it is therefore possible to remove a hanger support like that shown in Figure 1 from a car window and turn it to bring the large hook 15 towards the top, the latter hook being of sufficient size to serve as a convenient handle. The support with the various garments thereon can then be readily transported from the automobile to the hotel or to a closet and suspended from a rod like that indicated by 16 or from an ordinary clothes hook such as are usually provided in closets.

In dwellings it is frequently difficult to find space for all the clothes in closets and it is often necessary to employ hooks fastened to the doors of the bedrooms. This invention, by a slight modification, can be adapted for use with either doors or windows. In Figure 6, the hook 11 of Figure 2 has been widened to fit over the top of door 10*a*. The widened hook has been designated by 11*b*.

In Figure 7, hook 11 has been extended and combined with hook 11*b* to the end that the invention may be supported from a window as shown or from the top of a door.

One common feature is that the devices are provided with hooks so related to the coil or ring portion that the plane of the coils will be perpendicular to the door or window from which the device is supported.

Having described the invention what is claimed as new is:

1. A garment hanger support for use in supporting a plurality of hooked garment hangers from the top of a planar member such as a pane of glass or the like, comprising a metal rod like member having one end provided with means comprising a hook for engaging the top of the planar member, that portion below the hook being formed into a plurality of closed coils of substantially equal diameters, the centers of the coils being spaced from each other a distance greater than the diameters of the coils, the portions of the rod like member connecting the coils being straight and in substantial axial alignment, the planes of the coils being substantially parallel to the plane of the hook, said hook being formed from sheet metal and connected with the end of the rod like member for pivotation about an axis perpendicular to the plane of the coils.

2. A device in accordance with claim 1 in which the hook has three right angularly related sides, one of which is pivotally connected at its end with the coiled member.

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