Nov. 22, 1949 B. SHWAYDER 2,489,164

GARMENT HANGER

Filed Nov. 2, 1945

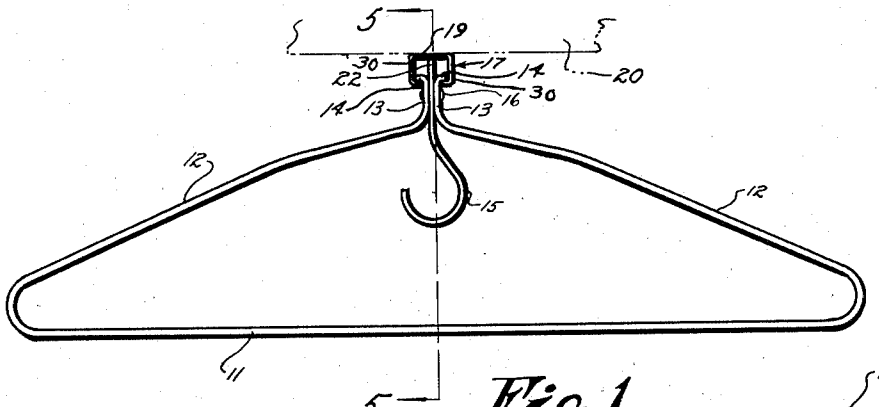


Fig. 1

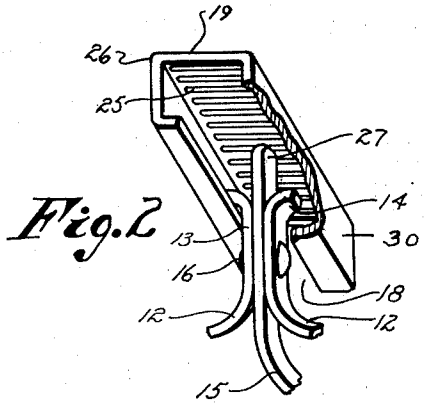


Fig. 2

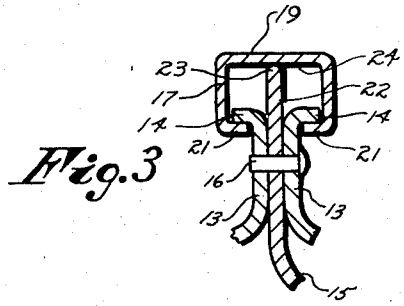


Fig. 3

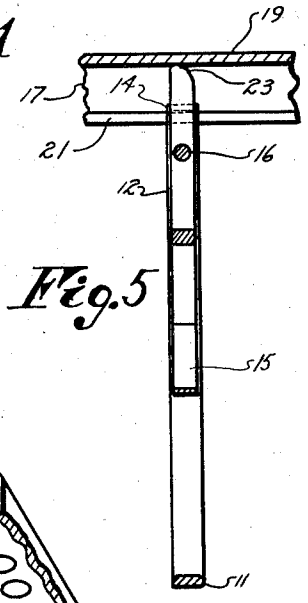


Fig. 5

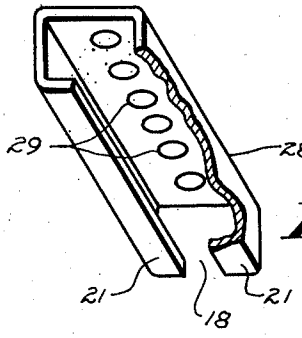


Fig. 4

INVENTOR
BENJAMIN SHWAYDER

BY

Robert A Sloman

ATTORNEY

Patented Nov. 22, 1949 2,489,164

UNITED STATES PATENT OFFICE

2,489,164

GARMENT HANGER

Benjamin Shwayder, Detroit, Mich., assignor to Shwayder Brothers, Inc., Denver, Colo., a corporation of Colorado

Application November 2, 1945, Serial No. 626,246

10 Claims. (Cl. 211—119)

1

This invention relates to garment supporting means and more particularly to hangers adapted for longitudinal locking adjustment on a supporting means.

It is the object of the present invention to provide a garment hanger adapted for use in luggage, or other garment storage means, together with supporting means carried within said luggage upon and relatively to which said hanger may be longitudinally adjusted and locked.

It is the object of the present invention to provide a general use garment hanger, together with a supporting means upon and relatively to which said hanger may be longitudinally adjusted and locked.

It is the object of the present invention to provide a hanger adapted for support upon and longitudinal locking adjustment relatively to a slotted duct.

It is the further object of this invention to provide a pivotal carrying means on said hanger with a portion thereof adapted for cooperative locking engagement with the surface of said slotted duct.

These and other objects will be seen from the following specification and claims in conjunction with the appended drawing, of which:

Fig. 1 is a front elevational view of the hanger within its support.

Fig. 2 is a fragmentary perspective view with a portion broken away of the hanger with a slightly different type support.

Fig. 3 is an enlarged fragmentary elevational section of the hanger and locking means within its support.

Fig. 4 is a broken away perspective view of a slightly different form of support, and

Fig. 5 is an elevational section on line 5—5 of Fig. 1.

It will be understood that the above drawing illustrates merely a preferable embodiment of the invention, and that other embodiments are contemplated within the scope of the claims hereinafter set out.

Referring to the drawing, Fig. 1 illustrates one form of garment hanger consisting of horizontal crossbar 11, with formed garment shoulder supporting members 12, and vertical portions 13 terminating in outwardly extending supporting elements 14.

Hooked member 15 positioned between hanger members 13, is pivotally mounted on rivet 16 which extends through corresponding openings in members 13. Rivet 16 secures hanger members 13 in the position shown, with hooked member 15 adapted for relative frictional engagement with the inner surfaces of members 13.

Channel member 17 has vertical flanges 30 with inturned edges 21 to provide a slot 18 in its bottom portion to slidably and supportingly receive

2

hanger members 14. The top surface 19 of supporting channel 17 is adapted to be secured to the top wall 20 of a trunk, grip, or other garment enclosure, as for instance a clothes closet, by welding, by screws, rivets, or any other suitable means.

The hanger manually supported by hooked member 15 or by shoulder members 12, is elevated, and elements 14 projected within the open end of channel member 17. Members 14, adapted for sliding support upon the bottom opposed edges 21 of flanges 30 on said channel, are subject to longitudinal adjustment therein, whereby two or more hangers may be supported if desired, and locked in position.

It is desirable to effectively lock the hanger or hangers within its or their supporting channel preventing relative longitudinal movement thereof. To accomplish this, various means may be employed carried by said hanger which are adapted for manual cooperative locking engagement relative to some portion of the channel support.

For example, as illustrated in Figs. 1, 3 and 5, hooked member 15 has an upwardly extending portion 22 with a cam surfaced upper end 23 adapted for wedging and frictional engagement with the under surface 24 of channel 17. As illustrated, it appears that for release or for insertion of the hanger within its slotted supporting channel, it is necessary to effect a partial pivotal movement of hooked member 15 about its axis 16 to provide the necessary clearance.

To lock the hanger in any desired longitudinally adjusted position it is necessary to manually pivot hooked member 15 into a substantially vertical position, so that the cam or other end surface 23 of portion 22 frictionally or otherwise cooperatively engages inner surface 24 of channel member 17. It is contemplated that any number of means may be employed for accomplishing a locking relationship between hanger 12—13—14 and its channel support, as for instance, providing a transversely corrugated under surface 25 in the channel member 26 as illustrated in Fig. 2.

Here it is desirable that the upper end 27 of hooked member 15 be rounded for cooperative locking positioning between the corrugations 25. It is seen that members 14, slidably supportable upon bottom ledges 21, cooperate with the upper portion 27 for securing an immovable positioning thereof when hooked member 15 is pivoted into locking position.

Referring to Fig. 4, a slight variation is shown with channel member 28 having a plurality of longitudinally spaced openings or indentations 29. It will be seen that the upper rounded end 27 of hooked member 15, Fig. 2, is adapted for selective positioning within any one of openings 29, when pivoted into locking position. For release, hook member 15 is pivoted sufficiently to al-

low a withdrawal of the hanger with its projecting elements 14 sliding over the top surface of seat members 21, or through the space within said support adjacent seat members 21.

It is contemplated that elements 14 may be adjustably seated on members 21 with the upper end 27 or 23 of hook member 15 adapted to operatively engage either a flat surface as in Fig. 1, a corrugated surface as in Fig. 2, or a perforated or otherwise irregular surface as illustrated in Fig. 4.

Having described my invention, reference should now be had to the claims that follow for determining the scope thereof.

I claim:

1. The combination, a channel shaped support having an upper wall and vertical flanges with inturned edges defining a slot therebetween, a garment hanger with a portion thereof extending into said support through said slot and mounted upon at least one of said edges, and a hooked handle pivotally mounted on said hanger and having a depending shank of such length as adapted when inverted to frictionally and retainingly engage said upper wall.

2. The combination, a channel shaped support having an upper wall and vertical flanges with inturned edges defining a slot therebetween, a garment hanger with oppositely arranged means extending into said support adjustably mounted upon the edges thereof on opposite sides of its slot, and pivotal locking means on said hanger extending into said support of such length and so formed as to be wedged against said upper wall.

3. The combination, a channel shaped support having an upper wall and vertical flanges with inturned edges defining a slot therebetween, a garment hanger with oppositely arranged means extending into said support adjustably mounted upon the edges thereof on opposite sides of its slot, and a carrying hooked member pivotally mounted on said hanger, with a portion of said member extending into said support of such length and so formed as to be wedged against said upper wall.

4. The combination, a channel shaped trolley support having an upper wall and vertical flanges with inturned edges defining a slot therebetween, a garment hanger with trolley means extending into said support slidably adjusted and mounted upon the edges thereof on opposite sides of said slot, and an invertible carrying hooked member pivotally mounted on said hanger with a portion of said member extending into said support of such length and so formed as to be wedged against said upper wall.

5. The combination, a channel shaped support having an upper wall and vertical flanges with inturned edges defining a slot therebetween, a garment hanger with a portion thereof extending into said support and longitudinally adjusted and mounted upon the edges thereof on opposite sides of said slot, and locking means pivotally mounted on said hanger and extending into said support of such length and with a cam surface on its end as to be wedged against said upper wall.

6. The combination, a channel shaped support having a corrugated upper wall and vertical flanges with inturned edges defining a slot therebetween, a garment hanger with a portion thereof extending into said support longitudinally adjusted and mounted upon the edges thereof on opposite sides of said slot, and locking means pivotally mounted on said hanger and extending into said support of such length and so formed as to be wedged against the corrugations of said upper wall.

7. The combination, a channel shaped support having a perforated upper wall and vertical flanges with inturned edges defining a slot therebetween, a garment hanger with a portion thereof extending into said support longitudinally adjusted and mounted upon the edges thereof on opposite sides of said slot, and locking means pivotally mounted on said hanger and extending into said support of such length and so formed as to be wedged against a portion of the perforations in said upper wall.

8. The combination, a channel shaped support having an upper wall with a plurality of longitudinally spaced openings therein and vertical flanges with inturned edges defining a slot therebetween, a garment hanger with a portion thereof extending into said support adjustably mounted upon the edges thereof on opposite sides of said slot, and locking means pivotally mounted on said hanger and extending into said support of such length and so formed as to be wedged within an opening in said upper wall.

9. The combination, a channel shaped support having an upper wall with an inner irregular surface and vertical flanges with inturned edges defining a slot therebetween, a garment hanger with a portion thereof extending into said support adjustably mounted upon the edges thereof on opposite sides of said slot, and locking means pivotally mounted on said hanger and extending into said support of such length and so formed as to be wedged against a portion of said irregular surface.

10. The combination, a channel shaped support adapted to be secured within a garment container and having an upper wall and vertical flanges with inturned edges defining a slot therebetween, a formed garment hanger having a pair of oppositely arranged means extending into said support longitudinally adjusted and mounted upon the edges thereof on opposite sides of said slot, a rivet interconnecting said means, a carrying hooked member pivotally mounted on said rivet between said means, with a portion thereof extending into said support of such length and so formed as to be wedged against said upper wall.

BENJAMIN SHWAYDER.

REFERENCES CITED

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

UNITED STATES PATENTS

Number	Name	Date
623,377	Leger	Apr. 18, 1899
1,424,333	Batts	Aug. 1, 1922
1,728,919	Batts	Sept. 24, 1929
1,781,991	Stover	Nov. 18, 1930
2,214,118	Bracken	Sept. 10, 1940

FOREIGN PATENTS

Number	Country	Date
218,863	Switzerland	Aug. 1, 1942