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H. D. EVANS

2,582,320

GARMENT HANGER

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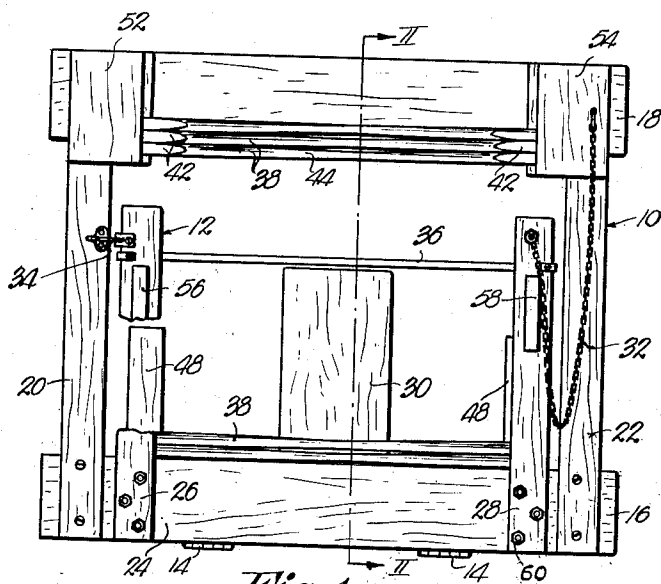


Fig. 1.

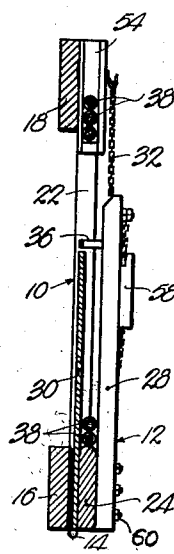


Fig. 2.

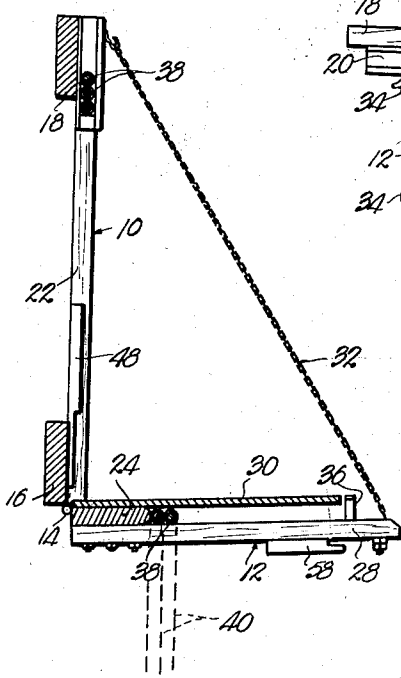


Fig. 3.

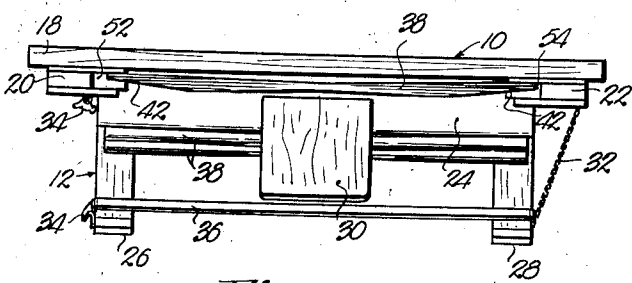


Fig. 4.

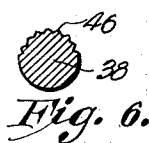


Fig. 6.

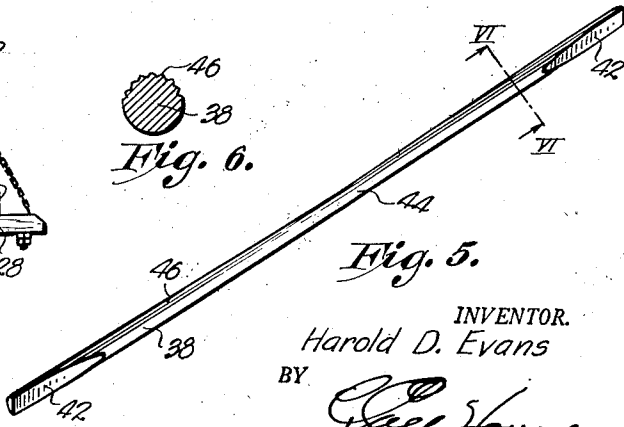


Fig. 5.

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## UNITED STATES PATENT OFFICE

2,582,320

## GARMENT HANGER

Harold D. Evans, Kansas City, Mo., assignor of  
one-half to Helen L. Evans, Kansas City, Mo.,  
and one-half to said Harold D. Evans, as joint  
tenants

Application September 1, 1949, Serial No. 113,600

3 Claims. (Cl. 211—94)

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This invention has to do with garment hangers of the kind having means for supporting a plurality of garments, such as trousers, in a suspended condition, there being means provided to swing parts thereof out of the way, with the garments thereon, when not in use.

The most important object of this invention is to provide a garment hanger having an open frame with a bridging member for each garment respectively, the members being movable individually to a position permitting removal of intermediary garments without disturbing remaining garments or necessitating removal thereof.

Another important object of this invention is to provide a garment hanger having a frame formed to receive a number of garment-receiving rods and to permit the garment to depend from the rods within the frame whether the latter is in a horizontal position or in an inoperative position, vertically disposed, and out of the way.

Other objects of the present invention relate to the way in which one section of the device is held in either of two positions; the way in which rotation of the garment rods is prevented; the manner of removably holding the rods in place; and many more minor details of construction to be made clear as the following specification progresses.

In the drawing:

Figure 1 is a front, elevational view of a garment hanger made in accordance with my present invention.

Figure 2 is a central, vertical, cross-sectional view taken on line II—II of Fig. 1.

Figure 3 is a view similar to Fig. 2 showing one of the frame sections horizontal.

Fig. 4 is a top plan view with said one frame section intermediate the ends of its path of travel.

Fig. 5 is a perspective of one of the garment-receiving rods, per se; and,

Fig. 6 is an enlarged, transverse, cross-sectional view taken on line VI—VI of Fig. 5.

Hangers for garments, such as trousers, generally are defective because of their being space consuming, incapable of supporting large numbers of the garments, or not adapted to permit removal of the garment desired without first disrupting or necessitating removal of other garments. These and many other disadvantages are removed through a hanger such as forms the subject matter hereof and as will hereinafter become apparent.

A pair of frames 10 and 12 are rendered relatively swingable by interconnecting hinges 14. Frame 10 is normally vertical and provided with

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any suitable means (not shown) for mounting the same upon and against a wall, door or the like. Supporting frame 10 is polygonal, having a bottom piece 16, a top piece 18, joined by spaced side pieces 20 and 22.

Frame 12 is U-shaped having a bight member 24 and legs 26 and 28 extending laterally therefrom and attached directly to one face of bight member 24 by means of bolts 60. A flat, relatively wide tongue 30 on the opposite face of bight member 24 is disposed between legs 26 and 28 and extends in the same direction parallel therewith.

Hinges 14 interconnect bottom piece 16 and bight member 24 to permit swinging of frame 12 from a substantially horizontal position (Figs. 3 and 4) to a vertical position parallel with frame 10 (Figs. 1 and 2).

One or more cables or other flexible members such as at 32, joining frame 10 near its top edge with leg 28 at the free end thereof, holds frame 12 horizontal, while a suitable latch 34, having a part on frame 10 and a part on frame 12, releasably holds the latter in the vertical position. A brace 36, joining the free ends of legs 26 and 28 holds the latter parallel.

A plurality of elongated, rod-like supports 38 for garments such as trousers 40 are adapted to span the distance between and to lie upon legs 26 and 28 when frame 12 is horizontal. The ends of supports 38 are flattened as at 42 to prevent the same from rolling on arms 26 and 28 and have a central area 44 of reduced cross-section to clear trousers 40, permitting supports 38 to lie in side-by-side, juxtaposed relationship. Such close fit of the trousers 40, together with their weight tends to press the trousers as they hang. Fluting of supports 38 as at 46 tends to hold trousers 40 against sliding therefrom.

When frame 12 is swung to the vertical position, a pair of upstanding arms 48 on bottom piece 16 between side rails 20 and 22, cooperate with tongue 30 in holding the supports 38 against buckling on legs 26 and 28. The weight of the garments 40 will also tend to hold the rods 38 against the arms 26 and 28 in both the vertical and horizontal position of frame 12.

Trousers 40 are always disposed between legs 26 and 28, and the bight member 24 serves as the support for superimposed rods 38 when frame 12 is vertical, said rods 38 automatically sliding into said superimposed position.

Opposed pockets 52 and 54 on top piece 18 of frame 10 are open at their upper and inner

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ends for storage of a number of extra rod supports 38 not in use to hang garments 40.

To remove any desired pair of trousers 40 the same is grasped below frame 12 and its rod support 38 is moved longitudinally to pull the same from legs 26 and 28 and from folded trousers 40. While it is preferable that frame 12 be horizontal when removing or replacing rods 38 and the trousers 40 thereon, it is possible to perform the same operation when frame 12 is vertical. The remaining trousers 40 need not be removed or disrupted.

Hooks 56 and 58 on legs 26 and 28 respectively are adapted to receive a rod 38 to facilitate placing a garment thereon prior to placement thereof on frame 12.

It is notable also that when frame 12 is vertical the weight of the garments 40 serves to hold the latter in place and against sliding in cooperation with fluting 46 movement.

Manifestly the entire apparatus may be made with ease and little expense. Further, many changes and modifications, including redesign for attractiveness and neatness may be made within the broad spirit of the invention without departing from the scope of the appended claims.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. A hanger for trousers comprising a support; an E-shaped frame, presenting a pair of spaced, outermost legs, a median leg and an elongated, horizontal bight, said bight being pivoted to the support for swinging movement of the frame on a horizontal axis, said median leg being secured to the bight on one face thereof and said outermost legs being secured to the bight on the opposite face thereof; and a plurality of elongated rods between the median leg and the outermost legs, said rods resting on the outermost legs when the frame is in a horizontal position and being superimposed upon said bight when the frame is swung on the support to a vertical position.

2. A hanger for trousers comprising a support; an E-shaped frame, presenting a pair of spaced, outermost legs, a median leg and an elongated, horizontal bight, said bight being pivoted to the

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support for swinging movement of the frame on a horizontal axis, said median leg being secured to the bight on one face thereof and said outermost legs being secured to the bight on the opposite face thereof; and a plurality of elongated rods between the median leg and the outermost legs, said rods resting on the outermost legs when the frame is in a horizontal position and being superimposed upon said bight when the frame is swung on the support to a vertical position, each end respectively of said rods being provided with a flattened portion engaging the outermost legs for holding the rods against rotation as the frame is swung.

3. A hanger for trousers comprising a support; an E-shaped frame, presenting a pair of spaced, outermost legs, a median leg and an elongated, horizontal bight, said bight being pivoted to the support for swinging movement of the frame on a horizontal axis, said median leg being secured to the bight on one face thereof and said outermost legs being secured to the bight on the opposite face thereof; and a plurality of elongated rods between the median leg and the outermost legs, said rods resting on the outermost legs when the frame is in a horizontal position and being superimposed upon said bight when the frame is swung on the support to a vertical position, each of said rods having a central area of reduced cross section, presenting trouser-receiving spaces between the rods when in said superimposed position.

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