March 4, 1952 A. O. MACKEY 2,587,743

COAT HANGER

Filed Jan. 16, 1948

FIG. 1

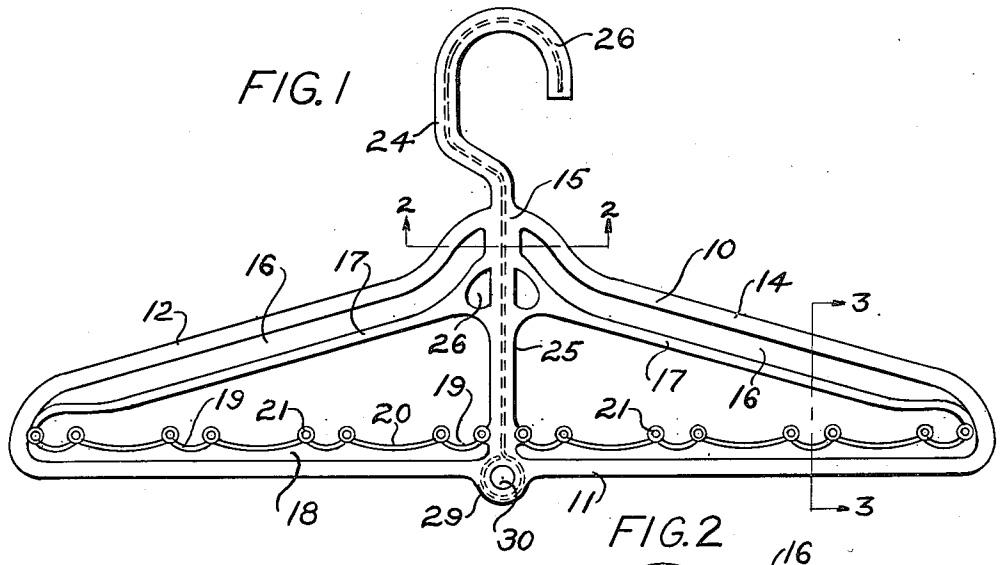


FIG. 2

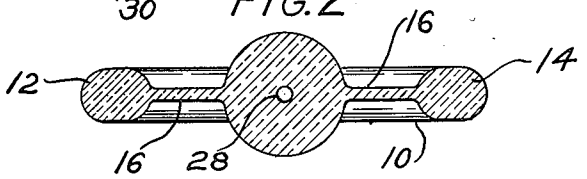


FIG. 4

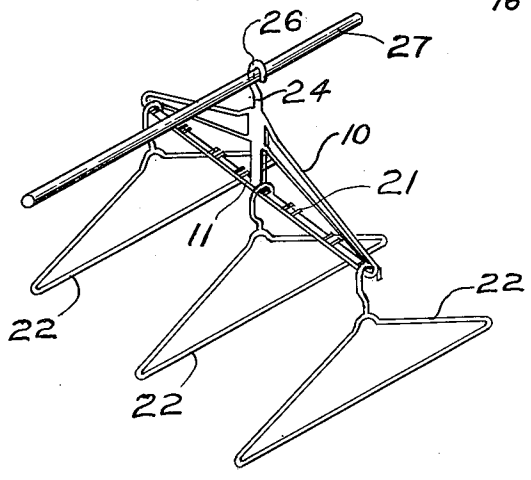
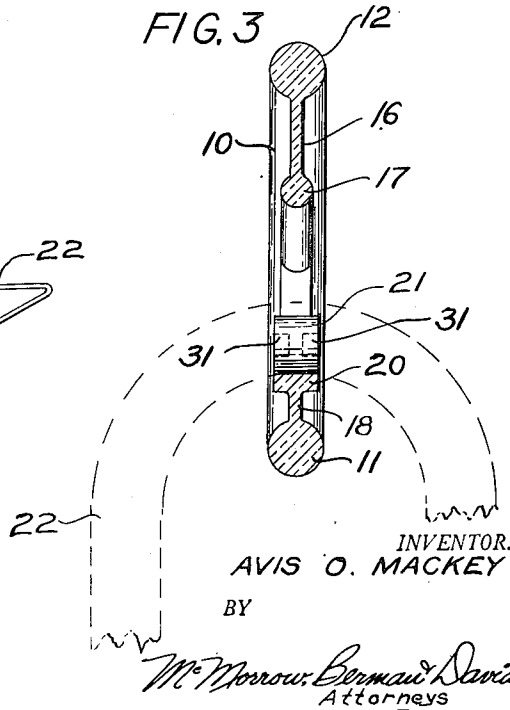


FIG. 3



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COAT HANGER

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1 Claim. (Cl. 223—88)

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This invention relates to an improved coat hanger.

It is an object of this invention to provide an improved coat hanger of the kind to be more particularly described hereinafter which will be light in weight and strong to withstand hard usage and so constructed and arranged that other coat hangers may be suspended therefrom in a selected arrangement.

Another object of this invention is to provide a coat hanger of this kind which may be made of plastic or other light materials having suitable metal reinforcements therein and having the portions of the hanger which are adapted to sustain the weight of added hangers reinforced in a manner to suitably support the hanger rigidly and maintain an attractive appearance thereof.

With the above and other objects in view, my invention consists in the arrangement, combination and details of construction disclosed in the drawings and specification, and then more particularly pointed out in the appended claim.

In the drawings,

Figure 1 is a side elevation of an improved coat hanger constructed according to an embodiment of my invention,

Figure 2 is a transverse section taken on the line 2—2 of Figure 1,

Figure 3 is a vertical section taken on the line 3—3 of Figure 1, and

Figure 4 is a perspective view of a coat hanger supporting other hangers.

Referring to the drawings, the numeral 10 designates generally an improved coat hanger which may be made preferably of plastic or other suitable light material of such a characteristic that it may be molded to the desired shape.

The coat hanger 10 is formed with an elongated lower horizontal arm or bar 11 having upwardly converging side arms 12 and 14 connected at the ends thereof. The side arms 12 and 14 are joined together at the apex 15 spaced upwardly from the horizontal bar 11 midway along the length thereof.

A web or flange 16 is fixed to or formed on the lower edge of the side arms 12 and 14 and extends downwardly therefrom. The arms 12 and 14 are formed of an elongated rod rounded in cross section to form a bead.

A second bead as 17 is fixed to or formed on the lower inner edge of the web 16 whereby the two beads and web form a beam on the opposite sides of the center line of the hanger 10. The flange 16 of the beam is disposed vertically so

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that the side arms 12 and 14 will be able to offer a large resistance to bending.

The lower horizontal arm 11 is also formed of a bead portion which constitutes the larger structure of the arm 11 and an upwardly extending vertical flange or web 18 is fixed to or formed on the upper edge of the bead 11.

The upper edge of the web 18 is provided with a plurality of upwardly opening separated recesses as 19 along the length thereof. The recesses 19 are substantially arcuate being concave upwardly. A reinforcing flange or bead 20 is fixed to or formed on the upper edge of the web 18 whereby the beads 11 and 20 together with the web 18 constitute a reinforced beam of the lower horizontal arm of the hanger.

A bar as 21 is fixed to the edges of each of the recesses 19 on the opposite sides thereof and is disposed transversely of the web 18 and of the hanger 10. The recesses 19 are provided for supporting the hook of other coat hangers which may depend from the horizontal bar 11 for securing the other hangers as 22 in selected spaced relation along the length of the arm 11.

A hook member as 24 is provided for the hanger 10 and is formed with a shank 25 which extends through the apex 15 and is fixed to or formed integral with the arm 11 adjoining the arm 11 midway its length.

The shank 25 is also plastic and may be formed integrally with the arms 12 and 14. The apex 15 of the hanger 10 is disposed in an upwardly convergent relation relative to the arms 12 and 14 and an intermediate web 26 is fixed between the upwardly converging lower bead 17 and the shank 25.

The upwardly extending arm 12 is positioned on one side of shank 25 above and spaced from the bar 11 and has one end secured to the end of bar 11 adjacent thereto. The upwardly extending arm 14 is positioned on the other side of shank 25 above and spaced from the bar 11 and has one end secured to the end of bar 11 adjacent thereto. The arms 12 and 14 are arranged in converging relation with respect to each other and have their converging ends connected to shank 25. A hook extends upwardly from the hanger 10 and upwardly from the apex 15. The hook 26 constitutes the means by which the hanger 10 may be suspended from a suitable rod or support as the rod 27 shown in Figure 4 of the drawing.

For further reinforcing the hanger 10, a length of suitably stiff wire as 28 may be contained within the hook member 24. The wire 28 is dis-

posed within the mold of the hanger **10** before the plastic is put into the mold so that the wire may be formed substantially as an integral part of the hanger **10**.

An eye as **29** is formed on the lower bead **11** midway the length thereof immediately below the shank **25**. The eye **29** is formed with a central opening **30** through which the hook of another hanger may be engaged when desired. The wire **28** which extends downwardly through the hook **26** and shank **25** may be looped within the eye **29** for reinforcing this eye so that heavy garments or other overweighted objects may be suitably supported from the hook member **24**.

Each of the bars **21** is substantially cylindrical in shape having concentric recess **31** opening outwardly from the ends thereof to add to the attraction of the appearance of the hanger **10** and to provide for attaching any suitable clamping device to the lower arm **11**.

Having thus described my invention, what I claim is:

In a garment hanger, a horizontal bar, upwardly and inwardly inclining side arms extending longitudinally inwardly from the opposite ends of said horizontal bar, a hook connected to and rising above the longitudinally

inward ends of said side arms, said horizontal bar comprising a longitudinally and vertically extending web having an upper longitudinal edge, said upper longitudinal edge being formed with longitudinally spaced recesses therein for accommodating hanger hooks, a flange extending along said upper longitudinal edge of the web including the recesses, said flange projecting laterally beyond the opposite sides of said web, and transversely extending bars secured upon said flange and rising thereabove at the opposite ends of the recesses.

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