Nov. 28, 1950 E. M. DAVIS 2,532,255

HANGER DEVICE

Filed July 12, 1949

FIG. 1.

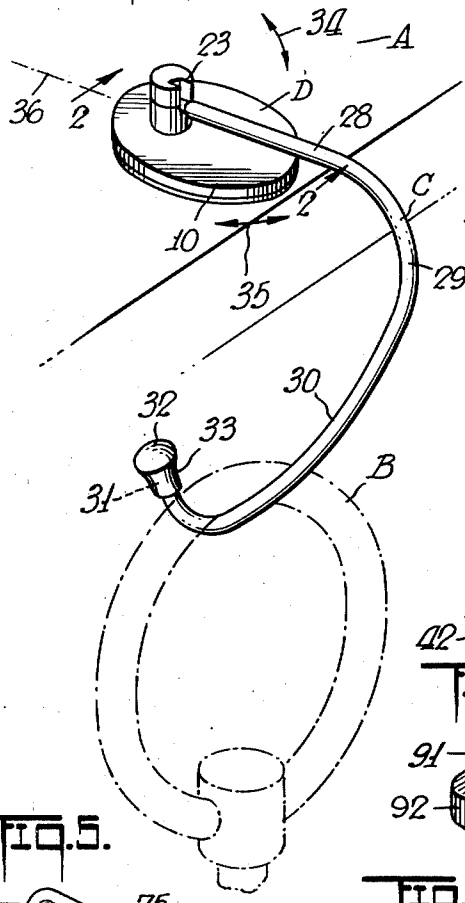


FIG. 2.

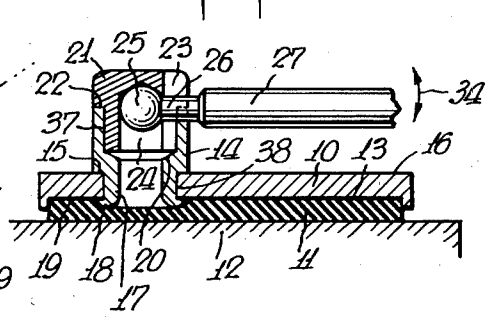


FIG. 3.

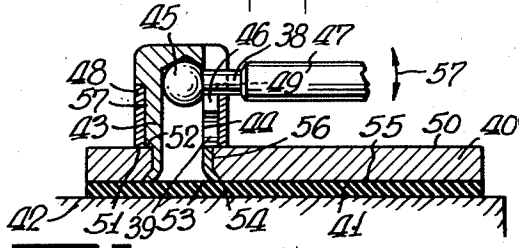


FIG. 6.

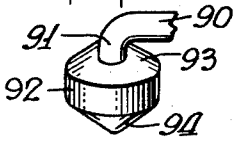


FIG. 4.

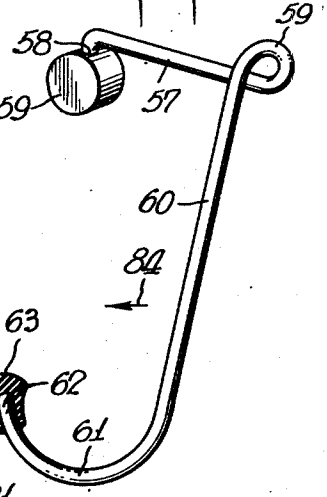


FIG. 5.

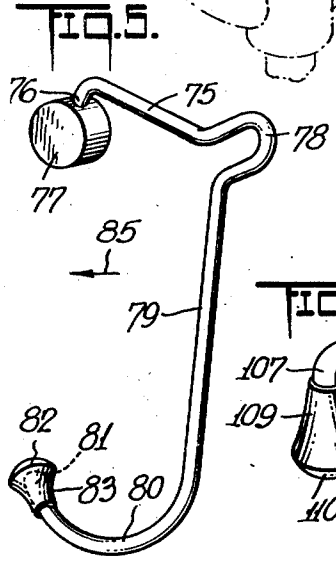


FIG. 7.

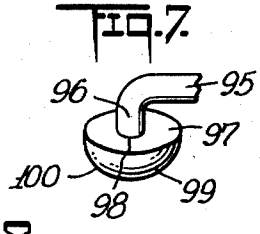


FIG. 8.

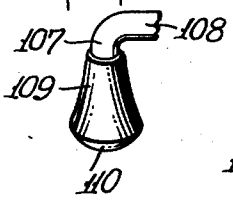
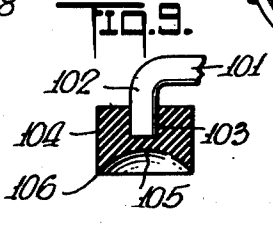


FIG. 9.



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HANGER DEVICE

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7 Claims. (Cl. 248—215)

1

The present invention relates to a hanger device for use in connection with hand bags, umbrellas and so forth.

In connection with women's accessories, particularly hand bags and umbrellas, great difficulty is experienced in dining, shopping and upon other occasions in connection with proper disposal of hand bags and umbrellas. Usually it is necessary to place them upon chairs, tables, shelves, counters, and so forth, with the resultant crowding and decrease of space available for plates, cups, glasses and tableware.

If placed underneath the table, counter, chair, or on the floor, there is likelihood of loss or theft and the fact that the bag or umbrella may be in the way.

It is among the objects of the present invention to provide a simple, inexpensive and compact item which may be readily stored in the hand bag or in or about the person of the user, which will permit such user to suspend or place the hand bag or umbrella or other article out of the way in a convenient place.

Still further objects and advantages will appear in the more detailed description set forth below, it being understood, however, that this more detailed description is given by way of illustration and explanation only and not by way of limitation, since various changes therein may be made by those skilled in the art without departing from the scope and spirit of the present invention.

In accomplishing the above objects, it has been found satisfactory to provide a pivotally connected hanger member or a single unbroken looped wire element which may be associated with the contact or holder element either to be positioned on top of the table, shelf, counter and so forth.

In the preferred form of invention, a relatively stiff wire element forms a bow so that the hand bag, umbrella or other device may be suspended below the upper part of the hanger, which will be resting upon or hang upon the edge of a table or counter, as the case may be.

With the foregoing and other objects in view, the invention consists of the novel construction, combination and arrangement of parts as hereinafter more specifically described, and illustrated in the accompanying drawings, wherein is shown an embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which fall within the scope of the claims hereunto appended.

In the drawings, wherein like reference characters denote corresponding parts throughout the several views:

2

Fig. 1 is a side perspective view of one form of the device, according to the present invention.

Fig. 2 is a transverse, vertical, sectional view upon the line 2—2 of Fig. 1, on an enlarged scale as compared to Fig. 1 with the hanger element partly broken away.

Fig. 3 is a transverse vertical sectional view, similar to Fig. 1, of an alternative embodiment.

Fig. 4 is a side perspective view of still another alternative embodiment upon about the same scale as Fig. 1.

Fig. 5 is a side perspective view of yet another alternative embodiment, in side view, upon about the same scale as Fig. 1.

Fig. 6 is a fragmentary detail perspective view, showing an alternative counter or table suspension point.

Fig. 7 is a side perspective view showing an alternative counter or table suspension point.

Fig. 8 is a fragmentary detail perspective view, showing still another alternative counter or table suspension point.

Fig. 9 is a vertical transverse sectional view of still another alternative counter or table suspension point.

Referring to Fig. 1, there is shown a table A and a hanger element B, which may be an umbrella, a hand bag or the like. The hanger device itself consists of a contact element D and a wire loop C. The contact element D has, as shown in Fig. 2, a base plate 10 of ovular or elliptical shape and a rubber bottom facing 11, which rests upon the base 12. The layer of material 11 may be felt or a rubber pad and it may be recessed into the base plate 10 as indicated at 13.

Attached to the base 10 is the sleeve 14 which is shouldered at 15 to abut the top 16 of the base 10 and has an extension 17 which is peened over at 18 on the under face 19 of the base.

The upper portion of the sleeve has an oblique shoulder 20 to receive the hollow stud 21. The stud 21 is shouldered at 22 to abut the top edge of the sleeve 14. The stud 21 is vertically slotted at 23 and has a central opening 24 in which is received the ball 25 at the end of the stem 26.

The ball 25 is inserted from the bottom of the stud 21 by sliding the neck 26 up through the slot 23.

The main rod portion 27 extends outwardly, as indicated at 28 (see Fig. 1) and is turned downwardly at 29, then inwardly at 30 and upwardly at 31. The end 31 is designed to receive

the rubber contact element 32 with the friction extension sleeve 33.

The slot 23 not only permits ready assembly, but also permits swinging motion of the arm C, as indicated by the double arrow 34, while it prevents swinging in a horizontal direction, as indicated by the double arrow 35.

The arm 28 is desirably caused to extend along the major axis 36 of the plate 10. The slot 23 will face the long dimension of the plate 10 along said axis 36 so that the element C will be attached at an end thereof remote from the edge of the table A. The connection 18 will connect the sleeve 14 and plate 10 to prevent turning and the friction fit at 37 should be sufficient to prevent turning of the slotted cap 21 in the sleeve 14.

In the alternative construction of Fig. 3, the plate 40 has a rubber base facing 41 and rests upon the table 42. The sleeve 43 has a bore 44 with an enlargment 39. The ball 45 is inserted through the enlargement 39. The sleeve 43 is slotted at 46 to receive the reduced diameter stem 38.

The telescoping sleeve 48 will also be slotted, as indicated at 49, to accommodate the stem 38 and it will abut the top face 50 of the plate at 51 adjacent the shoulder 52 of the sleeve 43. The stem 38 connects to the rod 47 of the same shape and form as rod C in Fig. 1.

The extension 53 is peened over, as indicated at 54, on the bottom face 55 of the plate 40 to prevent rotation thereof.

In the assembly of Fig. 2, the sleeve 14 is first peened over at 18 after insertion of the sleeve 17 through the opening 38 in the plate 10. Then the ball is inserted in the bore 24 from below with the neck 26 in slot 23. Then the cap 21 is press-fitted into the upper part of the sleeve 14, as indicated at 37 until there is abutment at 22.

In the assembly of Fig. 3, the ball 45 is inserted into the opening 39 from the side until the ball 45 is in the bore 44 and the neck is under the slot 46. Then the sleeve 48 is inserted onto bottom of sleeve 43. Then sleeve 56 is inserted downwardly through the opening in the plate 40. Finally, the sleeve 56 is peened over as indicated at 54 after the sleeve 48 has been fitted around its reduced diameter portion 57. The rod 47 may then be moved in the arc 57.

Fig. 4 shows an alternative form in which there is an outstanding upper wire 57 having a down-turned portion 58 fitting in the rubber contact cylinder 59. The rear end of the wire 57 has the complete turn, as indicated at 59, and then extends downwardly at 60 and is turned upwardly at 61 to terminate in the end portions 62 having the rubber cap 63 with the friction sleeve 64.

In the device of Fig. 5, the arm 75 has a down-turned portion 76 fitting into the rubber contact disk 77 and having the U-shaped bend 78. From the U-shaped bend 78 the wire extends downwardly as indicated at 79 and then is turned upwardly at 80, to terminate at the peak 81. The peak 81 has a rubber cap 82 with the friction sleeve 83.

In the device of Figs. 4 and 5, it is not necessary to employ any swivel hinge member as at 25 in Fig. 2 and 45 in Fig. 3. Desirably the upper arm portions 57 and 75 are longer than the lower arm portions 61 and 80 to cause the device to hang inwardly, as indicated by the arrows 84 and 85.

In Figs. 6 to 9 are shown alternative forms of rubber contact elements. The arm 90 has a down-turned portion 91 which fits in the rubber contact element 92 having an upper conical portion 93 and a lower conical portion or point 94 to rest on a ledge, counter or table.

In Fig. 7, the rod 95 has a down-turned portion 96 which fits in the recess 98 in the top 97 of the semispherical contact member 99, the lower portion 100 of which rests upon a shelf, table or ledge.

The contact element of Fig. 8 is as shown at 32 of Fig. 1, 63 of Fig. 4 and 82 of Fig. 5 and it fits on the downturned portion 107 of the rod 108. The sleeve 109 is tightly and frictionally fitted on said down portion 107 and has a round bottom 110 which rests upon a shelf or ledge.

In Fig. 9 the rod 101 has a downturned portion 102 which fits in the recess 103 in the cylindrical portion 104. The bottom of the cylinder 104 is dished upwardly with an edge 106 to give a vacuum cup effect.

If desired, the rods 27, 47, 90, 95, 101 and 108 as well as the rods 60 and 79 may be made of telescoping elements or of telescoping tubes so that they may be more readily collapsed together for saving of space. These tubes may be provided with a stop to prevent them from being withdrawn entirely apart from each other and they may also be provided with a stop to limit the amount of collapse.

While there has been herein described a preferred form of the invention, it should be understood that the same may be altered in details and in relative arrangement of parts within the scope of the appended claims.

Having now particularly described and ascertained the nature and character of the invention and improvements previously set forth and in what manner the same is to be performed, constructed and utilized, what is claimed is:

1. A ladies' hand bag hanger comprising a plate to rest upon a counter or table, a downwardly depending hook member and a ball and socket connection therebetween comprising a sleeve mounted on said plate having a central ball receiving recess and a lateral vertical slot to permit vertical swinging movement and prevent lateral swinging movement, said sleeve having a lower extension extending through an opening in said plate.

2. A ladies' hand bag hanger comprising a plate to rest upon a counter or table, a downwardly depending hook member and a ball and socket connection therebetween comprising a sleeve mounted on said plate having a central ball receiving recess and a lateral vertical slot to permit vertical swinging movement and prevent lateral swinging movement, said sleeve having an opening in the side for insertion of said ball and a closure sleeve to close said opening.

3. A ladies' hand bag hanger comprising a plate to rest upon a counter or table, a downwardly depending hook member and a ball and socket connection therebetween comprising a sleeve mounted on said plate having a central ball receiving recess and a lateral vertical slot to permit vertical swinging movement and prevent lateral swinging movement, said sleeve having a slotted cap to hold said ball in position.

4. A handbag holder for suspending ladies' handbags from counters and tables comprising a horizontal plate with downwardly dished edges to form a shell opening downwardly, a rubber insert completely filling said shell and extending

below said shell, said plate having an opening therein covered by said rubber insert, said opening being positioned off-center adjacent an edge thereof, a hook member having an end ball pivot with a reduced diameter neck, a lateral extension and a downwardly inwardly inclined portion having an upturned end portion extending upwardly substantially below the plate, a vertical interiorly open post member having an enlarged central recess serving as a bearing socket for said end ball pivot and having a vertical lateral slot to permit vertical swinging movement and rotation of the hook member while preventing lateral swinging movement thereof and said post member being partly closed on top to retain said ball pivot member in said recess and said post member having a reduced dimension downward extension extending through and permanently mounted on said plate opening.

5. The holder of claim 4 in which said lateral vertical slot is on the side of said post adjacent to the center of the plate and is on the side of the post away from said adjacent edge.

6. The holder of claim 4 in which the recess of said post is partly closed by a sleeve telescoped onto said post.

7. The holder of claim 4 in which said post member is closed on the top thereof by means of a cap member.

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