

Sept. 16, 1947.

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2,427,391

HAT

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2 Sheets-Sheet 1

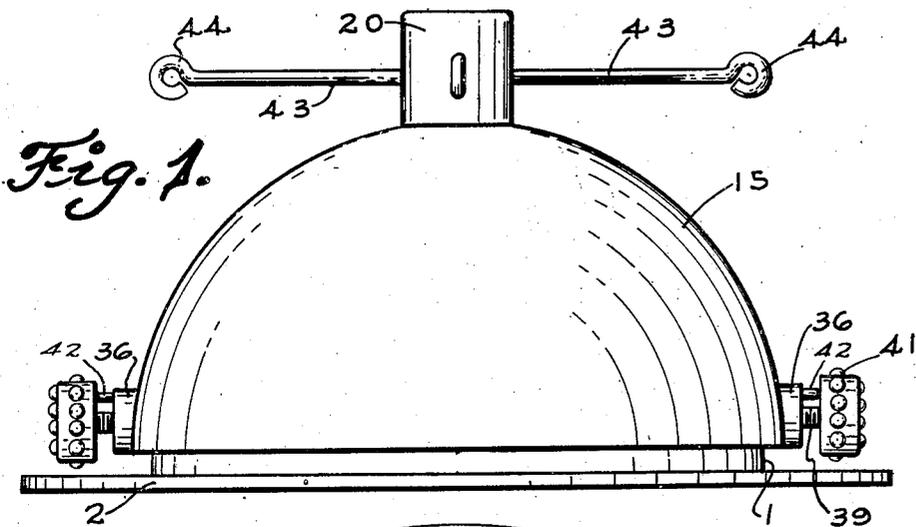


Fig. 1.

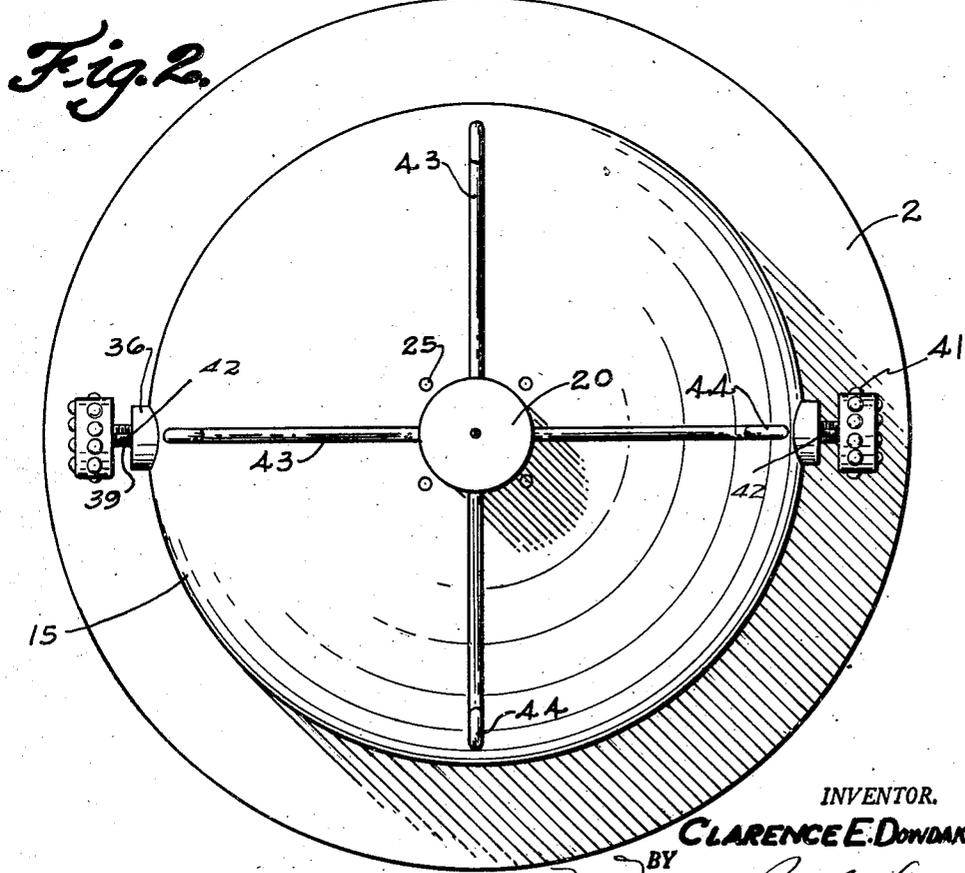


Fig. 2.

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Fig. 3.

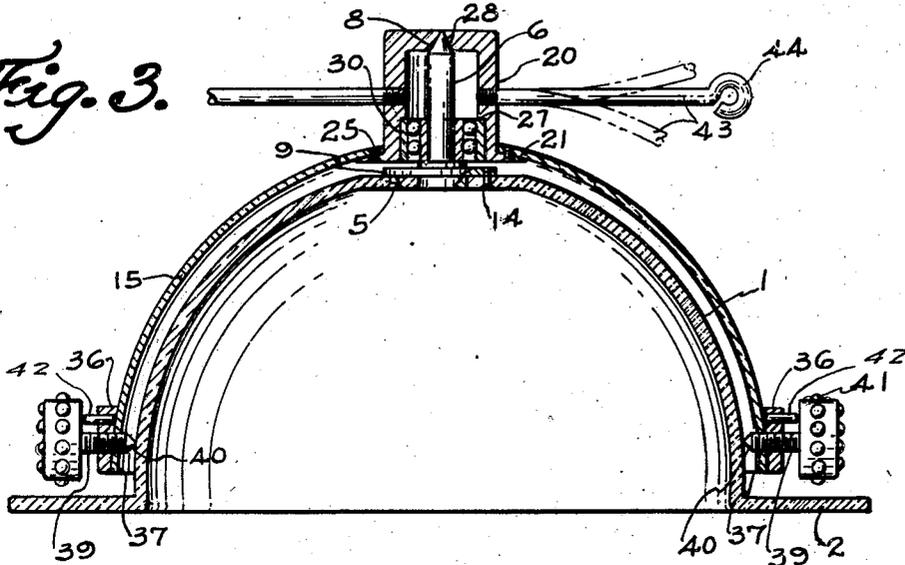
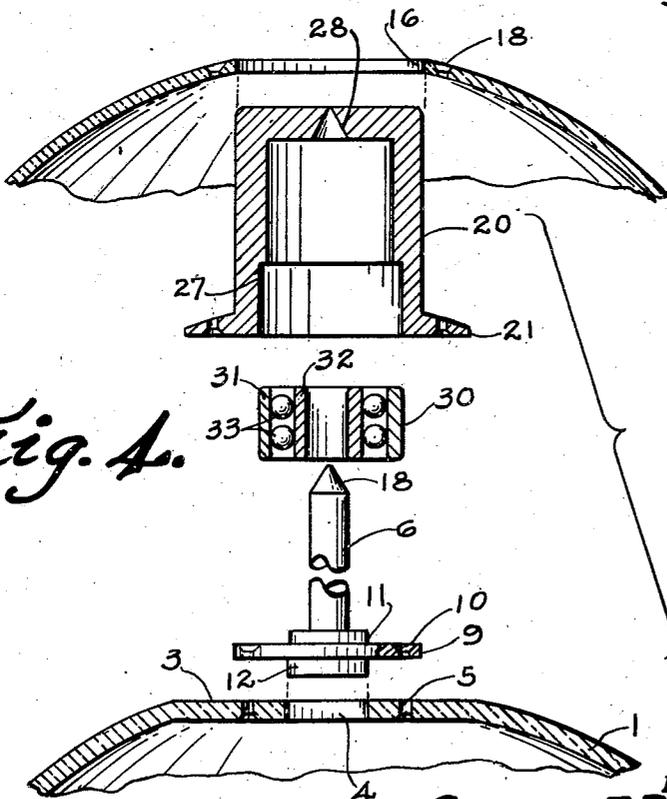


Fig. 4.



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1 Claim. (Cl. 2—175)

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This invention relates to a hat, and more especially to a hat having a rotating and interchangeable crown.

The principal feature of the invention is the provision of a hat which is capable of being given innumerable changes and variations in appearance.

An object of the invention is to provide a hat of the kind referred to, having a revolving crown by which artistic designs in millinery styles may be presented in constantly changing array.

A further object is the provision of a hat whose crown is adjustable so that the most attractive and pleasing arrangement of its design may be located by trial and fixed in any desired position.

A still further object is to provide a hat having an interchangeable crown structure whereby a variety of designs may be substituted for one another to obtain a desired appearance suitable for any particular occasion.

To the accomplishment of the foregoing and other objects, the invention, briefly stated, comprises a hat having inner and outer crowns, the outer crown being rotatably associated with the inner crown.

The full nature of the invention will be understood from the accompanying drawings and the following specification and claim.

In the drawings

Figure 1 is a side-elevational view of one embodiment of the invention;

Figure 2 is a plan view of the same;

Figure 3 is a vertical section taken through Figure 1, and

Figure 4 is an exploded view, partly in section, of the assembly of the parts of the structure, by which the rotary crown is associated with the stationary crown of the hat.

Referring in detail to the drawings, 1 represents a stationary crown of a hat, which may be provided with a brim 2. A flattened circular area 3 is preferably formed at the top of the crown 1 which has an opening 4 and rivet holes 5 for a purpose later to be made apparent. The crown 1, may be made of any convenient material such, for example, as transparent plastic of the type known as "Lucite" or "Plexiglas" which may be colored or not, to suit the individual taste.

A spindle 6 is formed with a tapered surface at its upper end and has a base 9, which is adapted for positioning on the flattened area 3 of the stationary crown 1. The base 9 of the

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spindle is provided with rivet holes 10 matching the rivet holes 5 of the stationary crown 1, and has projecting portions 11 and 12 formed on its upper and lower surfaces respectively. The projecting portion 11 of the base 9 is adapted to fit into the opening 4 of the stationary crown 1 to permit the base 9 to be brought into close contact with the area 3 of the stationary crown 1 to which it is secured by rivets 14 passing through the matched holes 5 and 10.

The rotary crown 15 is rotatably supported upon the stationary crown 1 through the intermediation of the spindle 6. This rotary crown 15 as illustrated in the drawings, has a shape conformable to the shape of the crown 1, which it will be understood is for the purpose of example only, as it is intended that this crown 15 may be shaped in any desired form and may be formed in any of innumerable designs to suit the fancy of the individual wearer.

The rotary crown 15 may be constructed of the same material as that of the stationary crown 1, or some other suitable material, and has an opening 16 formed at the top, about which rivet holes 18 are positioned.

A spindle shell 20 is insertable upwardly through the opening 16 as best illustrated in Figure 4. This spindle shell 20 is of generally inverted-cup shape having an out-turned flange 21 at its bottom formed with a rounded or bevelled upper surface 22 adapted to fit snugly against the under surface of the crown 15 about the opening 16. Rivet holes 24 are formed in the spindle shell 20 in matching relation to the rivet holes 18 in the crown 15 for the reception of rivets 25 by which the spindle shell 20 is fixed to the crown 15. The interior of the spindle shell 20 is formed with a shoulder 27 and with a tapered bearing 28.

A ball-bearing member 30 having separate raceways 31 and 32 between which balls 33 are held, has a central opening 34 through which the spindle 6 is inserted. The raceway 32 of the ball bearing rests upon the projection 11 of the base 9 in the assembled condition of the parts. The raceway 31 has an outer diameter such that the ball-bearing can be fitted into the spindle shell 20 by light pressure until the same seats against the interior shoulder 27 thereof, and when inserted in place the ball-bearing 30 is flush with the lower end of the shell, as will be seen in Figure 3.

Lock screw nuts 36, having slightly curved surfaces 37 conforming to the shape of the rotary crown 15 are secured thereto adjacent

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the edge thereof, and lock screws 39 are provided whose points 40 bear against the stationary crown 1 in the locked condition of the rotary crown 15. The lock screws 30 may have decorated ornamental heads 41. Stop pins 42 project outwardly from the lock screw nuts 36 for stopping the inward movement of the lock screws 39 when the points 40 thereof are in proper engagement with the stationary crown 1, thus preventing any distortion of the parts.

Threaded rods 43 preferably of some light, ductile material such as aluminum, are secured to the spindle shell 20. These rods 43, may be of any length, and are intended to be bent into any desired shape, as indicated in Figure 3, to present any fancied design which may serve the purposes of the hat designer or please the individual wearer. The ends of the rods 43 may bear loops 44 or other devices to act as securing means for articles or materials to be fastened on the hat.

In the use of the above described hat, the rotary crown 15 may easily be removed by reason of the light pressure fit of the ball-bearing member 30 in the spindle shell 20, and other rotary crowns substituted therefor, as may be desired. The rotary crown can be adjusted to any position which gives the most pleasing appearance to the hat and held therein by setting the lock screws 39.

Furthermore, by suitably forming and applying decorative articles to the rotary crown 15, the same can be made to revolve by contact with the passing currents of air, thus giving the hat a constantly changing and very novel appearance.

It will, of course, be understood that the hat may be provided with any suitable type of hat band, that either or both of the crowns 1 and 15 may be lined or decorated in any way desired, and that the hat may be brimmed or brimless.

It will thus be seen that the invention provides a hat which is capable of being given innumerable changes of appearance and which offers a means of forming a great diversity of artistic designs.

The particular embodiment of the invention, described and illustrated herein, is given by way of example only and it will, of course, be under-

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stood that innumerable variations in the design, and many changes in the arrangement and proportions of the parts thereof, can be made without departing from the spirit and scope of the appended claim.

Having thus clearly shown and described the invention, what is claimed and desired to secure by Letters Patent is:

In a hat with a rotatable crown, the combination, which comprises a hat having a stationary crown with a brim, a centrally disposed spindle with a conically-shaped upper end extending upward from the upper surface of the crown of the hat, a hub encasing said spindle pivotally suspended by the vertex of the conically-shaped upper end thereof, a bearing mounted on the lower end of the spindle rotatably mounting the lower end of the hub, a depending crown mounted on the lower end of said hub superimposed over and spaced from the hat crown, said depending crown substantially of the same shape as the hat crown, ornament-supporting elements positioned on the outer surface of said hub, adjusting screws in the lower edge of said depending crown spacing the depending crown from the hat crown, said adjusting screws having ornamented heads, and stops limiting inward movement of said adjusting screws preventing damage of said hat crown, said adjusting screws adapted to be set to release the depending crown for free rotation thereof by wind currents or the like.

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