June 30, 1964 M. B. BYRNE 3,139,014

COMBINED HAT AND CAMERA SUPPORT

Filed Nov. 1, 1962 2 Sheets-Sheet 1

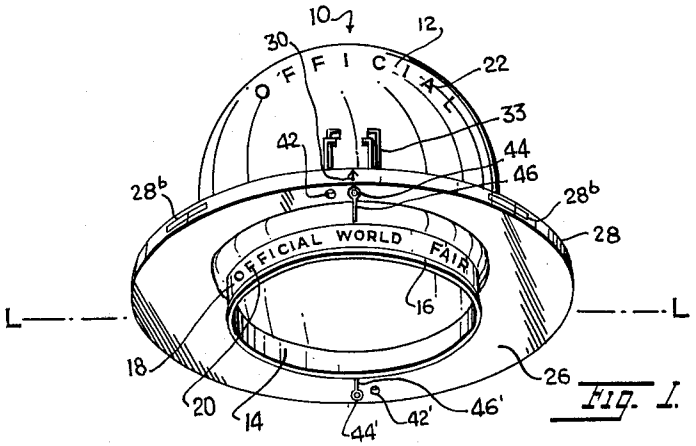


Fig. 1.

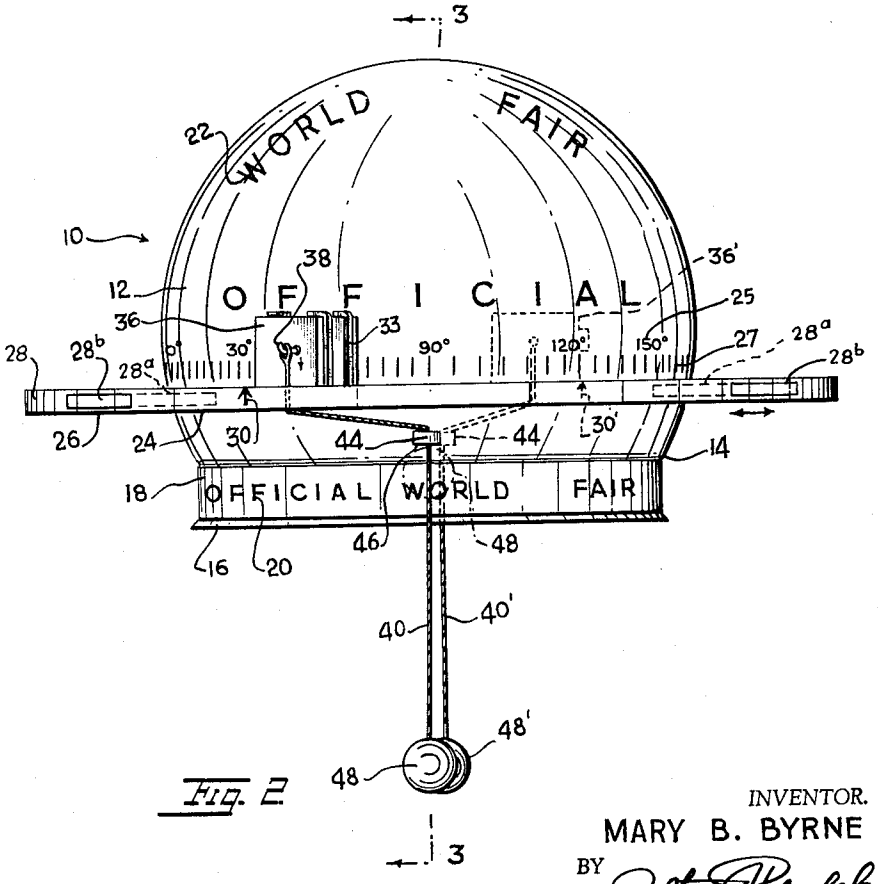


Fig. 2

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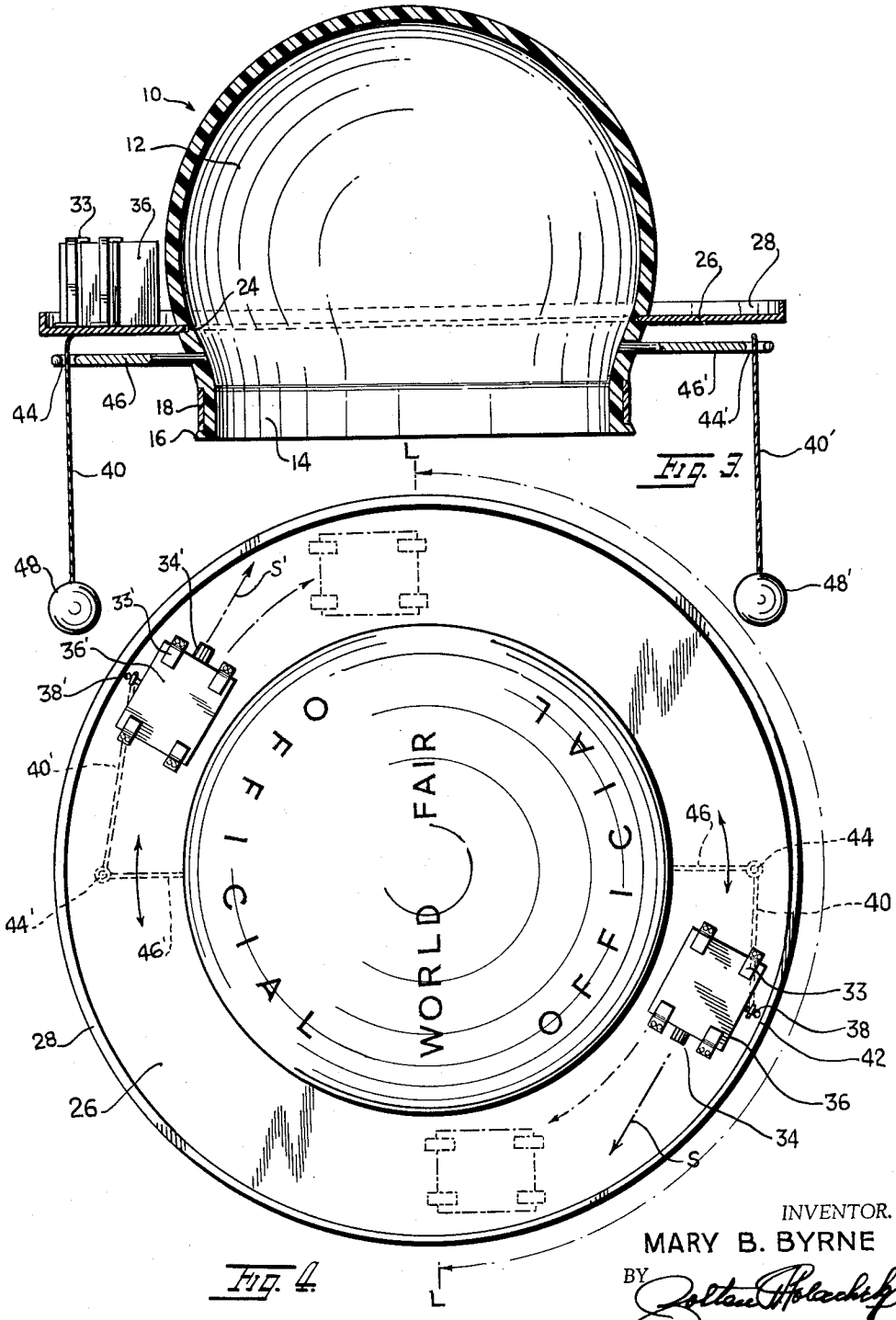


Fig. 3.

Fig. 4.

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3,139,014

COMBINED HAT AND CAMERA SUPPORT

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7 Claims. (Cl. 95—12)

This invention concerns a novel hat wearable by men, women or children.

The invention is particularly directed at a hat for use at expositions, fairs, sightseeing, etc. According to the invention, there is provided a hat with spherical crown and outwardly extending brim. The brim is fitted in a groove in the crown and is turnable thereon. The crown has a cylindrical open flanged end which fits on the wearer's head. The brim is a rigid member and is provided with springs or straps for removably carrying one or more cameras thereon. An angular scale is provided on the crown and a cooperating index is provided on the brim so that the brim can be turned to selected positions on the crown to indicate the directions in which pictures will be taken by the camera or cameras when mounted on the brim. Cords or cable for operating the cameras extend through openings in the brim and through radially extending guide arms carried by the crown. Weights may be attached to the cables so that the cords depend accessibly from the brim in all positions of the brim on the crown. The weights limit turning of the brim to a range of about 180°. Suitable identification indicia can be marked on the crown and a suitable identifying ribbon can be mounted on the flanged end of the crown.

It is therefore one object of the invention to provide a hat having a rigid plastic or composition crown with a radially extending brim rotatably mounted on the crown.

Another object is to provide a hat of the character described with means for mounting one or more cameras thereon, an index and scale on the brim and crown, and guide means for holding camera operating cables in operative positions in all positions of the brim on the crown.

Still another object is to provide a hat as described with weights on the ends of the cables to hold the cables vertical and accessible at opposite sides of the hat and to limit turning movement of the brim to a range of approximately 180°.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

FIG. 1 is a perspective view of the hat embodying the invention.

FIG. 2 is an enlarged side elevational view of the hat with cameras, operating cables and weights mounted thereon.

FIG. 3 is a sectional view taken on line 3—3 of FIG. 2.

FIG. 4 is a top plan view of the hat.

In the drawing is shown the hat **10** embodying the invention. This hat has a spherical crown **12** formed of rigid plastic or composition material, transparent or opaque. The crown is open at the bottom and provided with a cylindrical flange **14**. The flange has a bead **16** all around its bottom edge to hold a ribbon **18** on the flange. This ribbon can be colored, marked with identification indicia **20** or otherwise decorated. The crown can also be colored, decorated, marked with identification indicia **22** or the like.

The ribbon **20** is interchangeable and may also be colored to signify the colors of various countries.

Extending circumferentially around the crown above and parallel with the cylindrical flange is a groove **24**.

An annular brim **26** is frictionally fitted in the groove. The brim can be turned in the groove but the brim will remain in any set position. The brim has an upstanding cylindrical peripheral flange **28** which stiffens the structure of the brim and is formed with pocket opening **28a** closed by suitable doors **28b**. On the outer side of the flange at diametrally opposed positions are index arrows **30, 30'**; see FIGS. 1 and 2. Extending circumferentially around the crown just above groove **24** is an angular scale **25** with equally spaced index marks or graduations **27**.

On the top side of the brim **26** at diametrally opposed positions are spaced sets of springs or straps **33, 33'** located near the arrows **30, 30'**. These arrows line up with lens barrels **34, 34'** of cameras **36, 36'** removably mounted on the brim and held by the springs or straps **33, 33'**. The cameras have operating levers **38, 38'** to which are connected operating cords or cables **40, 40'**. The cables extend through diametrally opposed openings **42, 42'** formed in the brim; see FIGS. 1 and 4. The cables pass through eyes **44, 44'** of guide arms **46, 46'** fitted in the crown below the brim and above flange **14**. The arms **46, 46'** extend outwardly of the crown parallel to the brim and just below it. At the ends of the cables are spherical weights **48, 48'**. These weights can be decorated or colored in various ways as may be desired.

In operation, the brim will be turned to align the index arrows **30, 30'** with selected diametrally opposed index marks **27** on the angular scale **25**. The scale will then indicate the angular deviations of the lines of sight S, S' of the cameras **36, 36'** from the fore and aft line or direction L—L of the hat, extending perpendicular to the aligned guide arms **46, 46'**. If one or both weights **48, 48'** are grasped and pulled, the levers **38, 38'** will operate and the cameras will take pictures in diametrally opposed directions S, S'. The cameras can thus be carried loaded with film and set to take pictures whenever the wearer encounters a scene or scenes deemed desirable to photograph. The brim can be turned about 180° in one direction or another with respect to the crown. The cables **40, 40'** will pass through the eyes of the guide arms **46, 46'** as the brim is turned. The limits of rotation will be reached when the weights **48, 48'** are raised and stopped at the guide arms **46, 46'**, as indicated by the dotted line position of weight **48** in FIG. 2.

The hat will also serve as an effective headguard due to its rigid construction. The outwardly extending brim serves as a sunshade. The hat is decorative, and novel in appearance. It may serve as a souvenir of a visit to a fair, exposition, circus, public event or the like, and may be adopted as the official headgear of the event or occasion.

The headgear may be made of any size or material and may also be sold as a miniature souvenir item.

While I have illustrated and described the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise construction herein disclosed and that various changes and modifications may be made within the scope of the invention as defined in the appended claims.

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

1. A hat for wear at official events, fairs, expositions and the like, comprising a spherical crown with open bottom, a cylindrical flange extending downwardly from said open bottom for engaging the head of the wearer and for supporting a decorative hatband, said crown having a circumferential groove located above the flange and parallel thereto, a flat annular brim having its inner edge engaged in said groove, said brim being rotatable on and extending outwardly of the crown, a graduated scale extending all around the crown parallel to the brim, an index

on the brim cooperating with the scale for indicating the position of the brim on the crown, means for removably holding cameras in diametrally opposed positions on the brim, and outwardly extending arms on opposite sides of the crown below the brim for receiving and guiding operating cables for said cameras.

2. A hat for wear at official events, fairs, expositions and the like, comprising a spherical crown with open bottom, a cylindrical flange extending downwardly from said open bottom for engaging the head of the wearer and for supporting a decorative hatband, said crown having a circumferential groove located above the flange and parallel thereto, a flat annular brim having its inner edge engaged in said groove, said brim being rotatable on and extending outwardly of the crown, means for removably holding cameras in diametrally opposed positions on the brim, and outwardly extending arms on opposite sides of the crown below the brim for receiving and guiding operating cables for said cameras.

3. A hat for wear at official events, fairs, expositions and the like, comprising a spherical crown with open bottom, a cylindrical flange extending downwardly from said open bottom for engaging the head of the wearer and for supporting a decorative hatband, said crown having a circumferential groove located above the flange and parallel thereto, a flat annular brim having its inner edge engaged in said groove, said brim being rotatable on and extending outwardly of the crown, a pair of cameras mounted on the brim and pointing in opposite directions, each of the cameras having an outwardly extending operating lever, said brim having holes in diametrally spaced positions, operating cables connected to the levers of the cameras respectively and passing through the respective holes, and weights on ends of the cables.

4. A hat for wear at official events, fairs, expositions and the like, comprising a spherical crown with open bottom, a cylindrical flange extending downwardly from said open bottom for engaging the head of the wearer and for supporting a decorative hatband, said crown having a circumferential groove located above the flange and parallel thereto, a flat annular brim having its inner edge engaged in said groove, said brim being rotatable on and extending outwardly of the crown, a pair of cameras mounted on the brim and pointing in opposite directions, each of the cameras having an outwardly extending operating lever, said brim having holes in diametrally spaced positions, operating cables connected to the levers of the cameras respectively, arms extending outwardly on opposite sides of the crown below the brim, said cables extending through said holes respectively and through loops on ends of said arms, and weights on ends of the cables to position the cables for operating the cameras and to limit rotation of the brim on the crown.

5. A hat for wear at official events, fairs, expositions and the like, comprising a spherical crown with open bottom, a cylindrical flange extending downwardly from said open bottom for engaging the head of the wearer and for supporting a decorative hatband, said crown having a circumferential groove located above the flange and parallel thereto, a flat annular brim having its inner edge engaged in said groove, said brim being rotatable on and extending outwardly of the crown, a pair of cameras mounted on the brim and pointing in the opposite directions, each of the cameras having an outwardly extending operating lever, said brim having holes in diametrally

spaced positions, operating cables connected to the levers of the cameras respectively, arms extending outwardly on opposite sides of the crown below the brim, said cables extending through said holes respectively and through loops on ends of said arms, weights on ends of the cables to position the cables for operating the cameras and to limit rotation of the brim on the crown, a graduated scale extending all around the crown parallel to the brim, and an index on the brim cooperating with the scale for indicating the position of the brim on the crown.

6. A hat for wear at official events, fairs, expositions and the like, comprising a spherical crown with open bottom, a cylindrical flange extending downwardly from said open bottom for engaging the head of the wearer and for supporting a decorative hatband, said crown having a circumferential groove located above the flange and parallel thereto, a flat annular brim having its inner edge engaged in said groove, said brim being rotatable on and extending outwardly of the crown, a pair of cameras on the brim, spring means on the brim removably holding the cameras in diametrally opposed positions on the brim with the cameras pointing in opposite directions, each of the cameras having an outwardly extending operating lever, said brim having holes in diametrally spaced positions, operating cables connected to the levers of the cameras respectively, arms extending outwardly on opposite sides of the crown below the brim, said cables extending through said holes respectively and through loops on ends of said arms, weights on ends of the cables to position the cables for operating the cameras and to limit rotation of the brim on the crown, a graduated scale extending all around the crown parallel to the brim, and an index on the brim cooperating with the scale for indicating the position of the brim on the crown.

7. A hat for wear at official events, fairs, expositions and the like, comprising a spherical crown with open bottom, a cylindrical flange extending downwardly from said open bottom for engaging the head of the wearer and for supporting a decorative hatband, said crown having a circumferential groove located above the flange and parallel thereto, a flat annular brim having its inner edge engaged in said groove, said brim being rotatable on and extending outwardly of the crown, a pair of cameras on the brim, means on the brim removably holding the cameras in diametrally opposed positions on the brim with the cameras pointing in opposite directions, each of the cameras having an outwardly extending operating lever, said brim having holes in diametrally spaced positions, operating cables connected to the levers of the cameras respectively, arms extending outwardly on opposite sides of the crown below the brim, said cables extending through said holes respectively and through loops on ends of said arms, weights on ends of the cables to position the cables for operating the cameras and to limit rotation of the brim on the crown, said brim having an upstanding flange all around its outer peripheral edge to stiffen the brim, a graduated scale extending all around the crown parallel to the brim, and an index mark on said upstanding flange cooperating with the scale to indicate the angular position of the brim on the crown.

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