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R. A. RYAN

3,585,643

SUN HAT

Filed June 2, 1969

FIG. 1

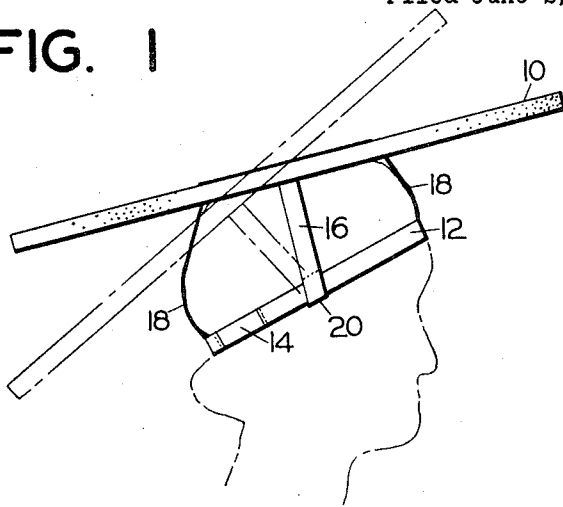


FIG. 2

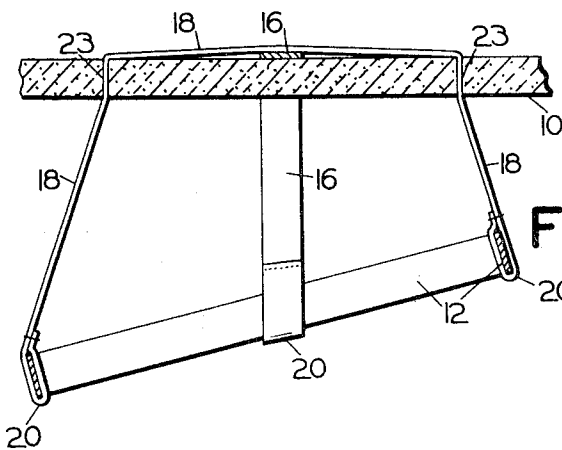
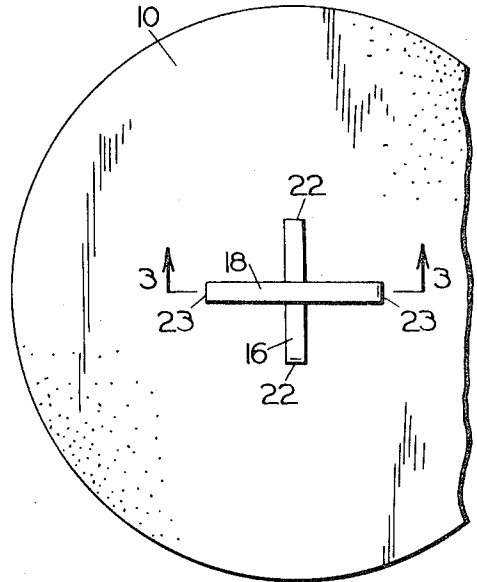


FIG. 3

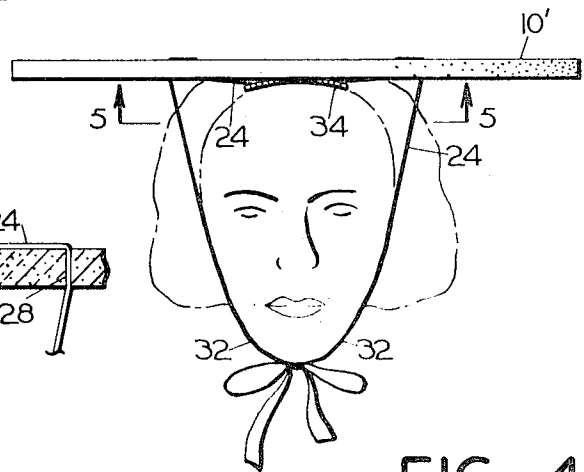


FIG. 4

FIG. 6

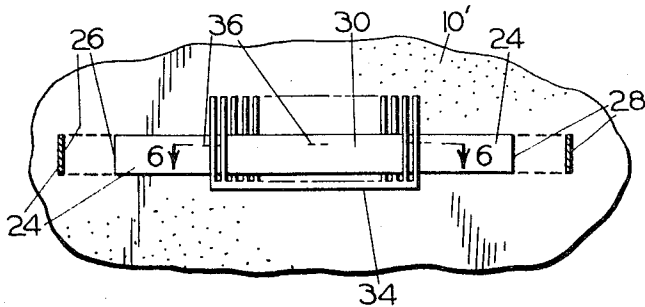
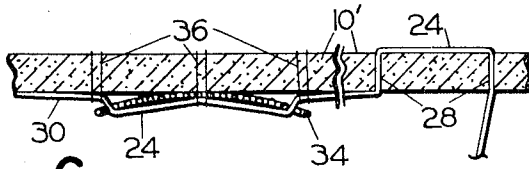


FIG. 5

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3,585,643
SUN HAT

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1 Claim

ABSTRACT OF THE DISCLOSURE

A sun hat including a disc having a diameter greater than the head for providing shade for the head and having attaching means arranged to hold the disc flat on the head. The head attaching means in one embodiment includes a flexible head band and a pair of flexible straps having their opposite ends secured to the head band. An intermediate portion of the straps are threaded slidably through slots in the disc whereby such disc is adjustable to different angular positions on the head by relative slidable movement on said straps. In a second embodiment, a single strap is threaded through two pairs of diametrically aligned slots in the discs and is arranged to be tied under the chin. Such second embodiment utilizes a comb connected to the strap adapted for engagement with the hair of the wearer.

BACKGROUND OF THE INVENTION

Various types of head gear have been provided, including sun hats, which are attachable to the head in various ways such as by chin straps, illustrated in Pat. No. 2,869,136, and by rigid arms, illustrated in Pat. No. 3,089,145 or rigid head bands illustrated in Pat. No. 244,315. Such prior structures are not commercially feasible because they do not satisfy all the requirements desired in a hat of this kind. Such requirements are, first, that they satisfy their intended function, namely, to protect the head against the sun, second, that they permit good circulation of air around the head, third, that they are comfortable to wear, and fourth, that they are inexpensive to manufacture even though intended as a permanent or semi-permanent type hat.

SUMMARY OF THE INVENTION

The invention has as its primary objective to provide a sun hat structure which incorporates all the features and advantages mentioned hereinbefore in one structure, and more particularly to provide a sun hat which includes an enlarged flat disc as the protecting element, which is light in weight, which permits good circulation of air around the head, which has novel means for attaching it comfortably to the head, and which is inexpensive to manufacture. It is also an object of the invention to provide in one embodiment head attaching means for a hat of the type described which employs one or more straps connected at opposite ends to a head band and having an intermediate portion threaded through slots in the disc, whereby the disc upon slidable movement on the straps can be adjusted to different angular positions relative to the head; and to provide in another embodiment strap means which are adapted to be tied around the chin and also have connecting means for a comb adapted to engage the wearer's hair.

The invention will be better understood and additional objects and advantages will become apparent from the following description taken in connection with the accompanying drawings which illustrate preferred forms of the device.

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BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a side elevational view of a first embodiment of sun hat including features of the present invention;

FIG. 2 is a fragmentary top plan view of the hat;

FIG. 3 is an enlarged fragmentary sectional view taken on the line 3-3 of FIG. 2;

FIG. 4 is a front view of a second embodiment of sun hat including features of the present invention;

FIG. 5 is a fragmentary bottom plan view taken on the line 5-5 of FIG. 4; and

FIG. 6 is a fragmentary sectional view taken on the line 6-6 of FIG. 5.

DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS

Referring now particularly to the drawings, a first embodiment of the invention is illustrated in FIGS. 1, 2 and 3. In this embodiment, there is employed a circular disc 10 comprising the main hat element. Preferably, the disc 10 is formed of a lightweight but structurally strong material such as expanded or foam plastic. Such a product is light in weight and can be of a substantial thickness to provide good insulation from the sun. Although the disc 10 is illustrated as being round, it could as well be other shapes such as elliptical or rectangular.

In this first embodiment, a head band 12 is employed for holding the disc on the head. In a preferred construction, the head band 12 is made of a flexible material, such as a cloth strap material and has a piece of elastic 14 incorporated therein. If desired, the entire head band 12 can be elastic. A pair of flexible straps 16 and 18 have their ends 20 attached to the head band 12 and have an intermediate portion thereof extending through pairs of slots 22 and 23, respectively, in the disc 10. Preferably, the ends 20 of the straps 16 and 18 comprise loops for receiving the band 12, and may be slidable thereon, or if desired they may be secured thereto, such as by stitching. The slots 22 are provided on one diametrical line, and the slots 23 are provided on another diametrical line disposed at right angles to the line of slots 22. The slots 22 and 23 are of a size to permit slidable movement of their respective straps 16 and 18 therethrough.

According to the invention, the head band 12 holds the disc portion on top of the head and in abutment with the head. Even though the disc portion 10 lies flat against the head, it allows good circulation of air around the head. The disc 10 is adjustable forwardly, rearwardly or to either side merely by slidably adjusting it on the straps 16 and 18.

In the embodiment of FIGS. 4, 5, and 6, there is similarly employed a disc portion 10', and in this embodiment a single strap 24 is employed. The disc has two pairs of slots 26 and 28, these pairs of slots being disposed on opposite sides of the center of the disc and along a common diametral line. The strap 24 of this embodiment is attached to the disc 10' by threading the respective ends thereof upwardly through an inwardly disposed slot 26 and 28, thus providing an intermediate strap portion 30 which lies on the underside of the disc portion between the innermost two slots 26 and 28. The ends of the strap are then threaded downwardly through the respective outwardly disposed slots 26 and 28 whereby depending portion 32 thereof are arranged to be tied under the chin.

In the second embodiment, the hat is attached to the hair of the wearer by a comb 34 which is connected to the strap 30 by threaded engagement of the latter with end teeth and which is attached to the hair by intermediate teeth. Preferably, the strap portion 30 is connected at spaced points to the disc 10', such as by stitching 36,

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whereby the comb and strap have limited lateral movement, thus providing a greater stability of the hat sideways on the head.

According to the present invention there is provided a sun hat which is simplified in construction and thus inexpensive to manufacture. Such hat is extremely light in weight and worn with comfort. The disc-like main portion thereof provides the desired protection from the sun and at the same time, being flat, allows good circulation of air around the head. It is to be understood that the forms of my invention herein shown and described are to be taken as preferred examples of the same and that various changes in the shape, size and arrangement of parts may be resorted to without departing from the spirit of my invention.

Having thus described my invention, I claim:

1. A sun hat for providing shade for the head, comprising

- (a) a substantially flat disc,
- (b) a first flexible strap engaged with said disc at spaced diametrical points and having end portions suspended from said points,
- (c) a second flexible strap engaged with said disc at spaced diametrical points and having end portions suspended from said points,
- (d) said first and second straps being slidably movable through said disc to form said engagement whereby said disc is adjustable to different angular positions on the head by relative slidable movement of said straps and said disc,

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(e) and a flexible headband connected to the end portions of said first and second straps and having an elastic portion to provide a gripping connection on the head,

(f) said first and second straps being disposed at right angle disposition on said disc whereby one of said straps has its ends secured to opposite sides of said headband and the other of said straps has its ends secured to the front and back of said headband.

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