May 21, 1929. F. C. MURNAN 1,714,037

ADJUSTABLE CAP

Filed Aug. 31, 1927

Fig. 1.

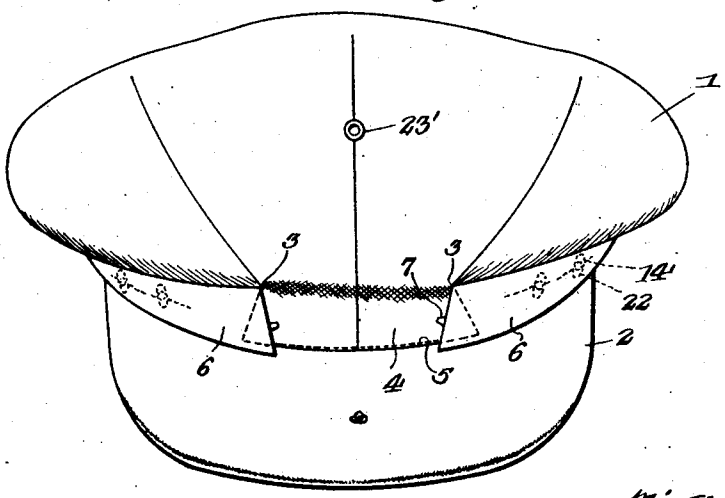


Fig. 2.

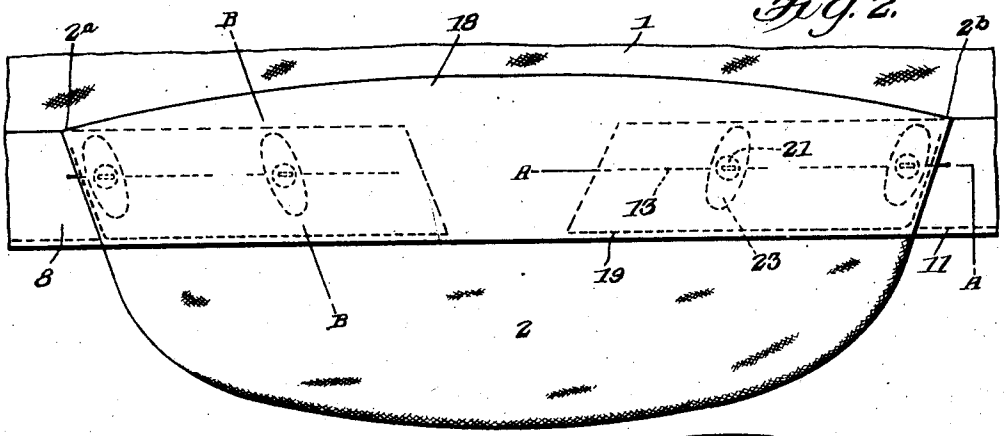


Fig. 3.

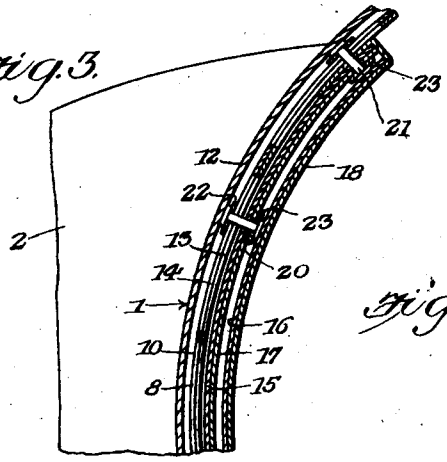


Fig. 4.

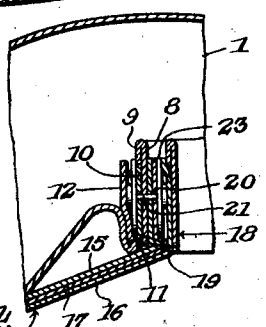


Fig. 5.



Inventor

F. C. Murnan,

By

Attorney

Patented May 21, 1929. 1,714,037

UNITED STATES PATENT OFFICE.

FREDERICK C. MURNAN, OF PRINCEVILLE, ILLINOIS.

ADJUSTABLE CAP.

Application filed August 31, 1927. Serial No. 216,742.

This invention relates to improvements in caps and more particularly to caps provided with means for adjusting the size thereof to accurately fit various sized heads.

An object of the present invention is to provide a cap having means for adjusting the size of the same and to conceal the adjusting means so that to all outward appearances there is no difference between it and ordinary non-adjustable caps in use at the present time.

Another object of the invention is to provide an adjustable cap in which portions of the body of the cap are slidably connected to the visor so that by sliding the body on the visor the desired size can be produced.

A still further object is to provide a simple and effective means for producing the necessary adjustment and at the same time to produce a cap of this character without materially increasing the cost incident to its manufacture.

An additional object is the provision of an adjustable cap in which there are no portions of the adjusting means visible from the inside thereof nor are there any interior irregularities that interfere with the comfort of the wearer.

Other objects of the invention will appear as the description proceeds and while I have shown the preferred embodiment in the accompanying drawing it will be readily understood that I may resort to changes in the details of construction, size or proportions within the scope of the appended claims, without departing from the spirit or sacrificing any of the advantages of the invention.

Referring to the drawings, forming part hereof, and in which corresponding parts are similarly indicated in the several views.

Fig. 1 is a front view of a cap made in accordance with this invention, with the cap body elevated at the front to show the construction that is normally concealed thereby, the relative position of the adjusting means being shown in dotted lines.

Fig. 2 is a view of the front portion of the cap looking from the inside thereof, the cap body being broken away to accommodate the additional views, and the plates and studs of the adjusting means being shown in dotted lines.

Fig. 3 is a fragmentary horizontal sectional view taken on about line A—A of Fig. 2.

Fig. 4 is a fragmentary vertical sectional view taken on the line B—B of Fig. 2.

Fig. 5 is a detail view of the means for securing the cap body in adjusted position.

Referring now more particularly to the drawing, 1 indicates the cap body or crown of the cap and 2 indicates the visor thereof. The cap body is provided with a pair of slits indicated at 3 on opposite sides of the front central portion 4 of the cap body and this central portion 4 is permanently secured to visor 2 by stitching 5 or by any other suitable means.

From the foregoing it will be seen that the only portion of the cap body 1 that is permanently secured to the visor 2 is the portion 4, so that the portions 6 of the cap body lying adjacent the portion 4 are capable of being slid over the visor, i. e. they may be made to overlap the portion 4 varying degrees depending on the size of the head to be fitted. The manner of overlapping is clearly shown in Fig. 1 of the drawings.

In order to secure the portions 6 in adjusted position suitable fastening means are provided. These fastening means are indicated at 7 and consist of hook-shaped members provided with sharp points which penetrate the cloth of the central portion 4 of the cap body, it being understood that the fastening members are secured to the ends of the portions 6 of the cap body. Although particular fastening means have been illustrated and described I desire it understood that any suitable fastening means may be used in place thereof.

As so far described, the portions of the cap body indicated at 6 are free from the visor and are held in place merely by the fastening means 7. In order to secure these portions 6 to the visor and still permit sliding of the same relative to the visor I have provided a novel construction which will now be described.

The cap body is provided with a sweat band 8 forming an upstanding portion of the body which has its upper edge bent backwardly upon itself for a short distance as indicated at 9. On the front face of the sweat

band a stiffening strip 10 is provided. This strip may be made of relatively stiff leather or any other suitable material so long as it stiffens the sweat band 8.

The sweat band 8 and strip 10 are secured to the cap body by a single row of stitching indicated at 11 which passes therethrough and through the inturned portion 12 of the cap body.

It should be noted that the strip 10 is of substantially the same thickness as the sweat band 8 and that when the end thereof is bent upon itself at 9 to form a smooth upper edge, the strip 10 lies flush with the surface of the bent portion 9 of the sweat band 8.

The sweat band 8 and stiffening strip 10 are provided with spaced slots 13 and 14 respectively extending in a horizontal direction around the same, it being understood that the length of these slots is determined by the range of adjustability required. I also desire it understood that while two of such slots are illustrated and described, I may employ one or any number desired.

The visor 2 of the cap comprises the usual inner and outer layers of cloth 15 and 16 with an intermediate layer or layers of packing or stiffening material 17. The visor is also provided with the usual sweat band 18 secured to the visor by stitching 19, all of which is conventional construction.

In the present invention, however, the layers 15 and 17 are provided with openings 20 spaced apart the same distance as the openings 13 and 14 in the sweat band 8 and stiffening strip 10 and registering therewith when the cap is assembled.

Passing through the openings 20 and through the slots 13 and 14 are flat studs 21 having on opposite ends rigid elongated plates 22 and 23 as clearly shown, the plates 23 being embedded in the visor and due to their elongation, prevent turning of the studs 21 in the slots 13 and 14.

Attention is called to the fact that the major transverse axis of the studs 22 lies in the plane of the slots so that the sweat band 8 and strip 10 may slide easily over the stationary studs 21 and that the plates 22 and 23 are inclined with reference to the vertical.

This inclination of the plates 22 and 23 insures that the ends 2^a and 2^b of the visor 2 will be held in flattened condition, since the plates extend in a direction parallel with the side edges of the visor and will accordingly extend well into the corners formed by the side and near edges of the visor.

From the foregoing it can be seen that the stationary studs 21 are rigidly secured to the visor 2 and project forwardly therefrom and through the slots 13 and 14 in the cap body so that the portions 6 thereof lying adjacent the central portion 4 are provided with a slidable connection with the visor 2 and that by pulling the portions 6 of the cap body closer together or separating the same within the limits of the slots 13 and 14 the desired head size can be quickly secured. It is then merely necessary to secure the fastening means 7 to complete the operation.

It will be readily seen the means for permitting adjustment of the cap are all located between the sweat band 18 of the visor and the inturned portion 12 of the cap body and therefore cannot be seen normally from either the outside or inside of the cap and accordingly do not detract from the appearance thereof.

The slits 3 are located in the front of the cap and when the adjustment is made any bulging of the cap body will take place in this region. However, the cap body is secured to the visor by means of the usual snap fastener 23 thereby concealing any unsightly appearances that would otherwise be visible.

What is claimed is:—

1. A cap of the character described comprising a visor, a body having a portion thereof attached permanently to said visor, and means projecting laterally from said visor and passing through slots in the body portion of the cap adjacent the permanently attached portion for slidably connecting the portions of said body adjacent the permanently attached portion to said visor whereby the size of the same may be varied, and means for securing said adjacent portion in adjusted position.

2. A cap of the character described comprising a visor, a body having a portion thereof permanently attached to said visor, and slits on opposite sides thereof, and means permanently projecting laterally from said visor and engaging the body portion for slidably securing the portions of the body adjacent the permanently secured portion to said visor whereby said adjacent portions may be adjusted to abut or overlap the permanently secured portion of the body thereby changing the size thereof.

3. In a cap of the character described comprising a visor, a body having a portion thereof permanently secured to said visor, studs on said visor, elongated plates spaced on said studs adapted to receive the visor and body therebetween, the said body adjacent the permanently attached portion having slits therein to receive the studs whereby the size of the cap may be adjusted.

4. In an adjustable cap, a visor, a body having a portion thereof permanently secured to said visor, flat studs carried by said visor and projecting therefrom, the said body having slots therein adjacent the permanently attached portion adapted to slidably receive said studs, and means on said studs for preventing the turning of said studs in the slots.

5. In an adjustable cap, a visor, a body having a portion thereof permanently secured to

said visor, means for slidably attaching the portions of the body adjacent to the permanently attached portion to said visor, said means including studs on the visor and slits in the body portions adjacent the permanently attached portion of the body and elongated plates on the studs having their major axes disposed in a plane parallel with the side edges of the visor whereby said edges at the point of connection with the body portion are maintained in a flat condition.

6. In an adjustable cap, a visor, a body having a portion thereof permanently attached to said visor, a sweat band for said body having spaced slits therein, a stiffening strip on said sweat band having slits therein registering with the slits in the sweat band, flat studs having their major axis extending in the plane of the slits in the sweat band and stiffening strip, and having elongated plates on opposite ends thereof passing through said slits in the sweat band and stiffening strip, the plates at one end of the studs being embedded in the visor to prevent turning of the studs, said plates having their major axes disposed in a plane parallel with the side edges of the visor whereby said edges at the point of connection with the body are maintained in a flat condition.

7. A cap of the character described comprising a visor, a body having a portion thereof permanently secured to said visor and being provided with an upstanding portion, slits in said upstanding portion on opposite sides of the permanently attached portion, and studs having one end embedded in the visor and projecting through the slits in the upstanding portion to slidably secure portions of the body to the visor for varying the head size, said studs being concealed from view either from the outer or inner side of the cap.

In testimony whereof I have hereunto set my hand.

FREDERICK C. MURNAN.