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R. SUTHERS

2,132,864

BATHING CAP

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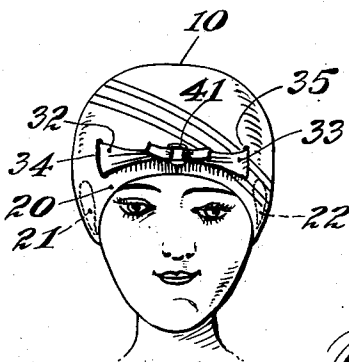


Fig. 1.

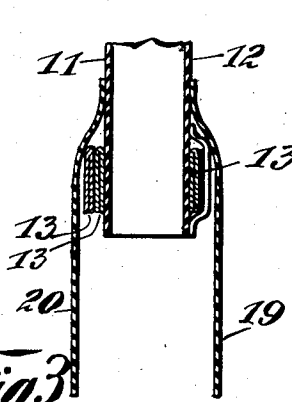


Fig. 3.

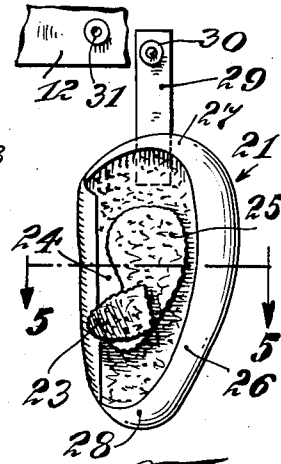


Fig. 4.

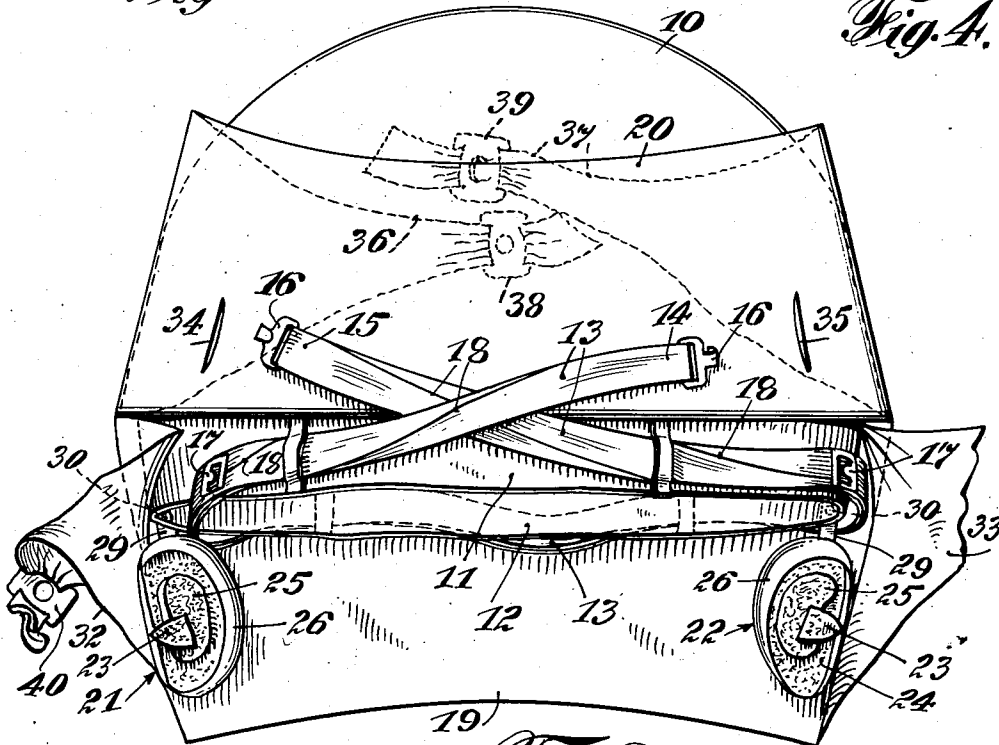


Fig. 2.

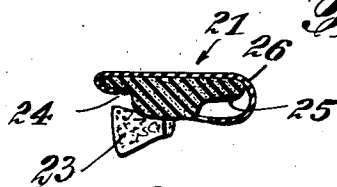


Fig. 5.

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BATHING CAP

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6 Claims. (Cl. 2—68)

This invention relates to bathing caps and is herein disclosed in some detail as embodied in a rubber cap having belts or bands adapted to be fastened around the head of the wearer to effectively shut out entry of water even during long immersion in rough or deep water.

Rubber and other bathing caps have been used for many years but have proved useful only to the extent that they kept out most of the water, allowing enough to enter to wet the edges of the hair of the wearer. Moreover, bathing caps have rarely been successful in excluding water from the ears of the wearer.

According to the present invention these and other difficulties and objections have been overcome.

In the form herein disclosed, a rubber cap is provided with an inelastic band adapted to be drawn tight around the outside of the margin of the cap to more effectively exclude water and also to absorb it.

Outside of this band is shown a flap adapted to fall down over it and cover the band and the margins of the cap and to be drawn tight against the head so as to provide a cover for the margin of the cap, thus excluding most of the water from ever reaching the edge of the cap.

The flaps and the bands drawing it tight may be in one piece. Ear protecting pieces may be within the band and be drawn against the ears by the flap or flaps.

In the form shown the ear pieces are provided with soft projections adapted to lie within the concavities of the ears of the wearer, thus more effectively excluding water and making them comfortable to wear.

Other features and advantages will hereinafter appear.

In the accompanying drawing,

Figure 1 shows the cap on a wearer's head.

Figure 2 shows the cap spread open.

Figure 3 is a section showing the relationship of parts when the back and front of the cap come close together.

Figure 4 is a view of an ear-protector and its holder.

Figure 5 is a section on the line 5—5 of Figure 4.

The cap includes a crown 10 to be drawn down over the head of the wearer so that a fore skirt 11 fits over the forehead and a back skirt 12 fits down over the back hair.

The wearer then draws tight a band 13 to hold down the skirts 11 and 12 by seizing the ends 14 and 15 and pulling them across the forehead and

catching the hooks 16 on the ends in adjustable metal loops 17 set so that the ends 14 and 15 cross in front. It is found that the band 13 draws down the skirts 11 and 12 best when it is made of a folded over or multi-ply stretch of relatively inelastic soft textile material such as fairly heavy cotton flannel,—folds being shown at 18, 18.

The band 13 is most easily adjusted if an outer back skirt 19 and an outer front skirt 20 are turned up while the band is being adjusted and hooked.

Then the back outer skirt 19 may be turned down to the Figure 2 position and ear protectors 21 and 22 on the skirt swing against the ears of the wearer, so that square-topped pyramidal projections 23 of sponge rubber fit in the orifices of the wearer's ears, the projections 23 rising from beds 24 that loosely fit within the shallow concavities of the ears. In the form shown the beds 24 include shallow marginal extensions 25 and a central platform to fit the deeper parts of the ear concavities around the orifices in which fit the projections 23.

In the form shown, each ear protector includes an impervious sheet of elastic rubber 26 on which the beds 24 and marginal extensions 25 are mounted. Each sheet 26 is turned over at 27 to embrace the top and at 28 to embrace the bottom of the ear.

To enable ear protectors 21 and 22 to be of any size needed and attached to any size of cap, each ear protector is shown as attached to the cap skirts 11 or 12 by a strap 29 which carries a male snap member 30 adapted to engage female snap member 31 on the skirt.

The wearer adjusts the ear protectors 21 and 22 to fit the ears and then pulls the ends 32 and 33 of the outer back skirt 19 down on the outer front skirt 20 to lie on the forehead, inserting the ends 32 and 33 of the outer back skirt 19 through the slits 34 and 35 in the outer front skirt 20 near the margin of the forehead.

The upper front skirt 20 extends backward at each side of the head beyond the slits, narrowing behind the head to straps 36 and 37 and are drawn tight and adjustably fastened together by hooks 38 and 39 to draw the outer front skirt 20 tight across the forehead.

Finally the loose ends 32 and 33, left projecting through the slits 34 and 35, are hooked together at 40 by an adjustable hook 41, as shown in Figure 1, thus providing a tight yet adjustable fit of the cap along its edges.

Having thus described certain embodiments of the invention, what is claimed is:

1. In a bathing cap having a top an inner skirt fast to the top adapted to fit around the head, a strap holding the inner skirt to the head, a back outer skirt also fast to the top and adapted to cover the edge of the inner skirt at the back, and end straps connected to the outer skirt adapted to draw it close against the head.
2. In a bathing cap having a top an inner skirt fast to the top adapted to fit around the head, a strap holding the inner skirt to the head, a front outer skirt also fast to the top and adapted to cover the edge of the inner skirt in front, and end straps connected to the outer skirt adapted to draw it close against the head.
3. In a bathing cap a skirt adapted to fit the head, ear protectors attached to the skirt, and a relatively inextensible band adapted to be drawn tight to hold the skirt to the head.
4. In a bathing cap a skirt adapted to fit the

head, outer skirts adapted to overlies the edges of the inner skirt to further exclude water, band extensions of a first outer skirt to draw it tight, and band extensions of a second outer skirt extending through slits in the first outer skirt to be drawn together to draw the second outer skirt tight.

5. In a bathing cap an ear protector having an impervious sheet covering adapted to embrace a large part of the ear, a sponge rubber bed adapted to fit within the ear, and a sponge rubber projection rising from the bed adapted to fit within ear orifice.

6. In a bathing cap an ear protector having an impervious sheet covering adapted to embrace a large part of the ear, a sponge rubber bed adapted to fit within the ear, and a flat topped pyramidal sponge rubber projection rising from the bed adapted to fit within ear orifice.

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