

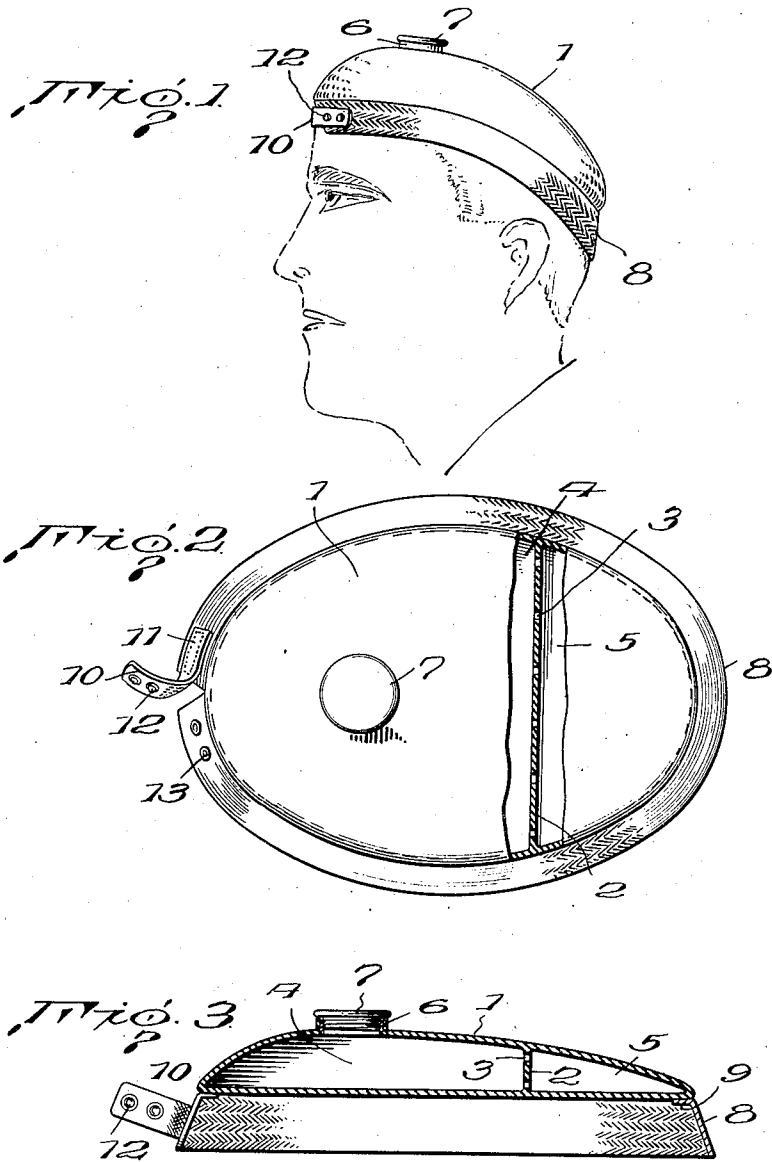
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2,158,571

ICE CAP

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# UNITED STATES PATENT OFFICE

2,158,571

ICE CAP

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2 Claims. (Cl. 150—2.3)

The present invention relates to an improved ice bag and more particularly to an ice bag construction in the form of a cap which is peculiarly adapted to be worn on the head of the patient during periods of distress incident to common headaches, fevers, etc.

One of the prime objects of the invention is to provide a cap structure which will be extremely comfortable when worn, especially when the patient is in a reclining or semi-reclining position.

Heretofore in this art designs of ice bags and caps have given very little attention to the comfort of the wearer. As a consequence, with the usual structures, the wearer has been forced, when assuming a reclining or semi-reclining position, to pull the bag forwardly on the head and to adjust the same from right to left so that the back of the head and upper part of the neck do not rest on the rough pieces of crushed ice contained in the bag.

The improved ice cap of the present invention does away entirely with this disadvantage and affords a structure which, when affixed to the head, needs no further adjustment or attention regardless of the position of the wearer until re-packing with ice becomes necessary.

Broadly speaking, the invention contemplates an ice cap structure of the usual size and outward configuration provided with a perforated wall which defines front and rear compartments. The front compartment is designed, when in use, to cover the greater part of the head and is adapted to contain the cooling medium, such as cracked ice. The rear compartment, comparatively smaller than the front compartment, covers the rear part of the head, and is adapted, by reason of the perforated wall between the compartments to receive and retain the water caused by the melting ice in the front compartment. With such a construction it is obvious that the patient, when in a reclining or semi-reclining position, is afforded a cool cushion for the back of his head in the form of the rear compartment containing the water from melted ice. In other words, the patient is not forced to rest his head on rough pieces of cracked ice as he is with the conventional ice cap, unless, as pointed out, the cap is laboriously and in most cases, painfully adjusted, prior to assuming reclining position. This provision of the two separate compartments for the cracked ice and the water affords, furthermore, a greater economy for the user, in that the water from the melting

ice is constantly carried to the rear compartment thus retarding the melting of the ice in the front compartment. This also allows the cap to last a longer period of time between changes of cracked ice.

Reference is now had to the accompanying drawing in which like reference numerals indicate like parts, and in which:

Figure 1 represents the cap as worn by the patient;

Figure 2 is a top plan view of the cap, partly broken away to show in section, the perforated partition, and

Figure 3 is a side section view of the cap of

The cap consists of a main body portion generally designated by the numeral 1 which may be made of rubber, rubberized fabric, or any other flexible, water-impervious material. This body portion, shaped as shown in the various figures of the drawing, is provided, on its inside, with a wall 2 having perforations 3. Perforated wall 2 may be made of the same material as that of the main body portion and may be molded integrally with the main body portion. It is to be understood, however, that the wall may be made of any suitable material and may be secured to the walls of the main body portion in any suitable fashion. The perforated wall is situated about two-thirds of the way back from that end of the cap intended to be the front portion, although it will be appreciated that the positioning of this wall is not critical so long as it is substantially to the rear of the cap. There is thus provided two compartments in the cap, namely, front compartment 4 and rear compartment 5, the front compartment adapted to receive and retain cracked ice and the rear compartment receiving and retaining the water from the melted ice as it passes through the perforations 3. A conventional inlet port 6 and cooperating cap 7 may be provided for the introduction of cracked ice, in the front compartment.

Depending from the body portion of the ice cap is an adjustable head band 8 preferably made of elastic, rubberized fabric or other suitable elastic material. If desired, the band may be of the same material as that of the body portion of the cap and may be made integrally therewith. As shown in the drawing, however, this band is attached to the body portion, as at 9, by a vulcanized seam. The band is made adjustable by providing a tab 10, affixed to one end of the band by stitching 11, or by any other

suitable means. On the tab are one or more hooks, or other male fastening means 12, which cooperate with one or more eyes, or other female fastening means 13, affixed to the other end of the band.

It is obvious that various minor changes in design and materials may be made without departing from the scope and spirit of the invention.

What is claimed is:

1. A device for the alleviation of headaches, fevers, etc. comprising a cap-like member adapted for snug disposition upon the human head, said cap-like member having a front cell which in use normally lies over the front part of the patient's head and which is adapted to contain cracked ice, a rear drainage cell which in normal use lies over the rear part of the patient's head and a perforated wall common to said cells

adapted to permit water from the melting ice in said front cell to flow automatically into said rear drainage cell while retaining the ice in said front cell.

2. A device for the alleviation of headaches, fevers, etc. comprising a cap-like member adapted for snug disposition upon the human head, said cap-like member having a front cell which in use normally lies over the front part of the patient's head and which is adapted to contain cracked ice, a rear drainage cell which in normal use lies over the rear part of the patient's head and a perforated wall common to said cells adapted to permit water from the melting ice in said front cell to flow automatically into said rear drainage cell while retaining the ice in said front cell, and a flexible head band to hold the cap on the patient's head.

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