Jan. 6, 1925. 1,522,295

O. J. GEE

COMBINATION ICE OR HOT WATER CAP AND BAG

Filed June 4, 1923

Fig. 1.

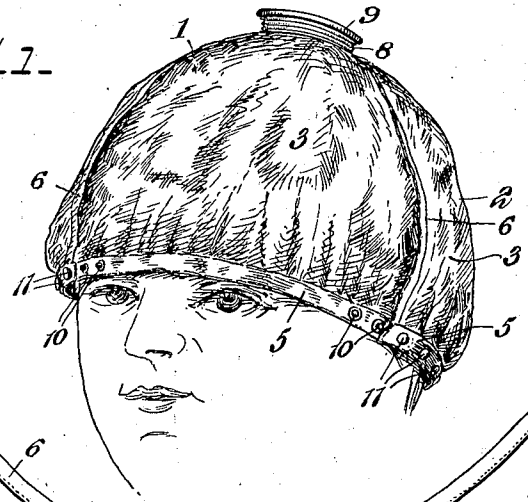


Fig. 2.

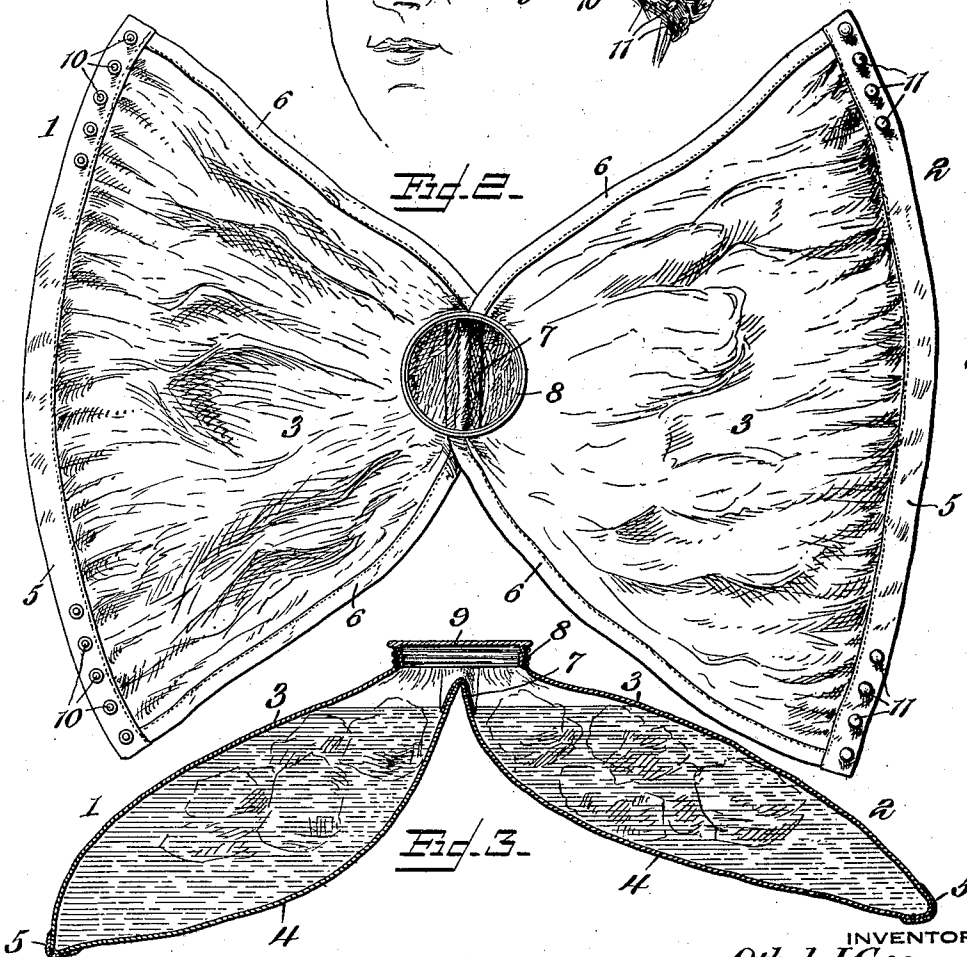


Fig. 3.

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UNITED STATES PATENT OFFICE.

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COMBINATION ICE OR HOT-WATER CAP AND BAG.

Application filed June 4, 1923. Serial No. 643,444.

To all whom it may concern:

Be it known that I, OTHEL J. GEE, a citizen of the United States, residing at Ardmore, Carter Co., Oklahoma, have invented new and useful Improvements in Combination Ice or Hot-Water Caps and Bags, of which the following is a specification.

This invention relates to combination ice or hot water caps and bags.

The object is to provide a leak-proof container for cracked or shaved ice which may be employed as a cap for the head of a patient, the same having adjustable means for fitting and holding the cap to heads of different sizes and in a manner to prevent its accidental dislodgment or removal during the movements of the wearer through delirium or otherwise.

Another object is to provide a device of this character having separate compartments for the front and back portions of the head, the same being adapted to be filled or charged through a single opening so that either or both compartments may receive the cooling medium for the purpose of treating the front portion of a patient's head or the back portion thereof independently or so that the entire head may be surrounded by the cooling medium.

A further object is to provide such a device at a low cost of manufacture, the same being easily filled and closed against leakage and readily applied and fastened to the head of the wearer, either a child or adult, to treat any portion thereof, and which, when desired, may be placed in an open, flat condition on any part of the body, covering a maximum amount of area to cool the same or by filling the compartments with hot water, to act as an ordnary hot water bag in the usual manner.

A full and complete understanding of the invention may be obtained from a consideration of the following detailed description, taken in connection with the accompanying drawing forming a part of this specification, it being understood that while the drawing shows a practical form of the invention, the latter is not to be confined to strict conformity with the showing thereof, but may be changed or modified, so long as such changes or modifications mark no material departure from the salient features of the invention, as specifically pointed out in the appended claims.

In the drawing, in which similar reference characters designate corresponding parts throughout the several figures:

Figure 1 is a perspective view showing the improved cap or bag applied to the head of a person;

Figure 2 is a plan view of the device spread out flat, as when filling the same or when being used as a hot water bottle; and

Figure 3 is a longitudinal sectional view through the device.

Referring to the drawing, there are shown, with reference to Figure 2, opposite, similar bags 1 and 2, of substantially triangular shape and formed of rubber, rubber cloth, or other suitable water proof material, which is thin, soft and flexible, and which may be sewed and cemented to prevent leakage or otherwise treated as in ordinary ice caps or water bags.

The bag 1, which is adapted to be placed at the front of the head of the wearer, is preferably somewhat smaller than the bag 2 which is located at the back and sides of the head, and each comprises an upper triangular wall 3 and a similar lower wall 4, the same being joined along their long outer edges by a reinforcing band 5, which is folded along its longitudinal median line so as to overlap both the upper and lower walls 3 and 4 respectively. What may be termed the apices of the substantially triangular bags are brought together at the center, the remaining sides of the triangles having the reinforcing bands or strips 6 sewed and cemented thereto along the margins of the same so that two separate compartments are provided, the bags being open at their joined ends at the center, the lower walls 4 having the interior, transverse reinforcing strip or band 7 secured thereto, as shown in Figure 3 of the drawing, and the upper walls 3, at their point of juncture, being flared upwardly to form a neck and suitably connected to a screw-threaded collar 8, provided with a suitable, threaded closure cap 9 constructed in the ordinary manner and adapted to be screwed into the mouth of the opening to prevent any leakage.

At the ends of the reinforcing band 5 connected to the margin of the front bag and adapted to surround the brow of the wearer,

are located a plurality of snap buttons 10 arranged in spaced relation to each other, and at the ends of the other reinforcing band 5 located at the back of the head of the wearer, are snap sockets 11, also spaced apart and adapted to be fastened to the aforesaid buttons in a well known manner, to cause the bands 5—5 to surround the head of the wearer, and by adjusting the fasteners to securely hold the bag or bags in place, the entire top of the head being covered, as shown in Figure 1 of the drawing.

By removing the closure cap 9, the cracked ice and water or shaved ice may be placed in either or both of the compartments through the single opening, and the device applied and adjusted to the head of a patient for the purpose of cooling the same in treatments of various illnesses and complaints. In like manner the device may be filled with hot water and used in the manner common to such appliances and for the same purposes, and the device is especially well adapted for use by physicians and surgeons during hot weather while performing operations on patients, it being customary then to fill one or the other or both of the compartments with shaved ice.

From the foregoing it will be seen that a simple, cheaply manufactured, and easily applied appliance of this character has been provided, which will fit any ordinary sized head, and may be securely fastened in position thereon, the said device having means for cooling any portion or all of the head, and that the patient cannot accidentally dislodge or remove the same while asleep or during delirium, and that the device may be used on other parts of the body or in surrounding relation to limbs, etc., or in the same manner as a hot water bottle.

What is claimed is:—

1. In a device of the class described, the combination of a pair of bags, each having the shape of a triangle approximately, one being smaller than the other, said bags being connected at their inner smaller ends and provided thereat with a single filling opening, and means for detachably connecting the bags together along their outer margins so as to form a cap covering the entire head, said connecting means permitting the bags to be opened out flat and applied to other parts of the body.

2. In a device of the class described, the combination of a pair of bags substantially triangular in shape joined at their smaller ends, and means for detachably connecting the larger ends of the bags to each other to form a cap covering the entire head, said connecting means permitting the bags to be opened out flat and applied to other parts of the body.

3. An ice cap or bag comprising a pair of opposed, water-tight bags having substantially triangular top and bottom walls and joined at their apices to form independent compartments provided with a single filling opening for both compartments, a closure for said opening, and fasteners carried by the opposite, outer margins of each bag so that the two bags may either be fastened about the head of a person and used as a cap to cover the entire head with the filling opening at the top of the head, or the two bags may be distended and used as a hot water bottle on any part of the body.

4. An ice cap or bag comprising a pair of opposed, water-tight bags having top and bottom walls and joined at their inner meeting edges to form independent compartments provided with a single filling opening for both compartments, a closure for said opening, and a plurality of fasteners carried by the opposite outer margins of each bag so that the two bags may either be fastened about the head of a person and used as a cap to cover the entire head with the filling opening at the top of the head or the two bags may be distended and used as a hot water bottle on any part of the body.

5. A pair of bags, each formed of an upper triangular wall and a lower triangular wall joined along their outer edges by a reinforcing band, said bags being arranged with their smaller ends contiguous to each other, the lower wall of one bag being joined to the lower wall of the adjacent bag at their inner meeting edges by a reinforcing band, the upper walls of the two bags at their inner meeting edges being flared upwardly to form a neck, a collar secured in said neck, a closure for said collar, and fastening means secured to said bands along the outer curved margins of the bags so that the bags may be disposed to cover the entire head of a person to form a cap with the fastening means at the bottom, or the fastening means may be disconnected and the bags opened out flat and applied to other parts of the body.

In testimony that I claim the foregoing as my own I have hereto affixed my signature.

OTHEL JEFFERSON GEE.