A hat with a brim extending outward from the base of a crown wherein a water adsorbent material is disposed on the inside lower portion of the crown, and extends outward onto the underside of the brim. A headband member on the outside lower portion of the base of the crown constricts the crown, causing it to apply the portion of the water adsorbent material disposed therein directly to the head of a user. The crown has venting holes incorporated along the head band. The water absorbent material comprises a closed cell foam material. The closed cell foam material is encased in a water adsorbent matting material to prevent direct contact between the closed cell foam material and the skin of a user.
WATER ABSORBANT EVAPORATIVE COOLING HAT

CROSS-REFERENCE TO RELATED APPLICATION

None

FEDERALLY SPONSORED RESEARCH

Not Applicable

SEQUENCE LISTING OR PROGRAM

Not Applicable

STATEMENT REGARDING COPYRIGHTED MATERIAL

None

SUMMARY

The present invention comprises an improved water absorbent evaporative cooling hat. The hat comprises a crown for covering the top of a user's head and has vents incorporated into the sides of the crown. The vents comprise holes in the crown above a headband. The headband circumscribes the outside lower portion of the base of the crown and constrains the crown, wherein a closed cell foam material is encased in a water absorbent matting material to prevent direct contact between the closed cell foam material and the skin of the user. This causes the hat to apply a portion of the water absorbent material directly to the head of a user.

The hat comprises a water absorbent material disposed on the inside lower portion of the crown, with the ability and tendency to absorb liquids while encasing a closed cell foam material. The water absorbent material is disposed adjacent the headband and extends outward, onto the underside of a brim. The brim extends substantially laterally outward from the periphery of the base of the crown.

The apex of the hat is dome shaped particularly to form a cup on user's head. The dome cap structure extends to form side walls about the circumference of the hat, which continue to extend and form a chamber with folds along the area above the head band.

BRIEF DESCRIPTION OF THE FIGURES

FIG. 1 is a perspective view of the water absorbent evaporative cooling hat.

FIG. 2 is a cut away side view of the water absorbent evaporative cooling hat.

DETAILED DESCRIPTION

Referring to FIG. 1, an improved head apparel article is shown and described. The article 10 comprises a head covering member 26 for covering the crown of the head of a user wherein the head covering member 26 has venting means 22 incorporated therein. The venting means 22 comprises holes disposed in the head covering member 26 above a headband member 40. The headband member 40 is disposed on the outside lower portion of the base 24 of the head covering member 26, wherein the headband member 40 constrains the head covering member 26, causing it to apply the portion of the water absorbent material 30 (shown in FIG. 2) disposed therein directly to the head of a user.

Referring to FIG. 2, the article 10 comprises a water absorbent material 30 disposed on the inside lower portion of the head covering member, and extending outward, onto the underside of a brim member 20. The brim member 20 extends substantially laterally outward from the periphery of the base of the head covering member 26.

Still referring to FIG. 2, in one preferred embodiment of the article, the water absorbent material 30 comprises a closed cell foam material, including neoprene. The closed
cell foam material is encased in a water adsorbent material 30 to prevent direct contact between the closed cell foam material and the skin of a user since the head covering member 26 fits loosely above the head of a user, except where it makes contact with the headband member 40.

[0018] All features disclosed in this specification, including any accompanying claims, abstract, and drawings, may be replaced by alternative features serving the same, equivalent or similar purpose, unless expressly stated otherwise. Thus, unless expressly stated otherwise, each feature disclosed is one example only of a generic series of equivalent or similar features.

[0019] Any element in a claim that does not explicitly state “means for” performing a specified function, or “step for” performing a specific function, is not to be interpreted as a "means" or “step” clause as specified in 35 U.S.C. §112, paragraph 6. In particular, the use of “step of” in the claims herein is not intended to invoke the provisions of 35 U.S.C. §112, paragraph 6.

[0020] Although preferred embodiments of the present invention have been shown and described, various modifications and substitutions may be made thereto without departing from the spirit and scope of the invention. Accordingly, it is to be understood that the present invention has been described by way of illustration and not limitation.

What is claimed is:
1. An improved article of head apparel comprising:
   a. a head covering member for covering the crown of the head of a user;
   b. a brim member extending substantially laterally outward from the periphery of the base of the head covering member;
   c. a water adsorbent material disposed on the inside lower portion of the head covering member, and extending outward, onto the underside of the brim member, wherein the water adsorbent material comprises a closed cell material surrounded by a water absorbing layer;
   d. a headband member disposed on the outside lower portion of the base of the head covering member, wherein the headband constricts the head covering member, causing it to apply the portion of the water adsorbent material disposed therein directly to the head of a user; and
   e. where a pad of water adsorbent material is disposed on the apex of the interior of the head covering member.
2. The article of claim 1, wherein the head covering member has venting means incorporated therein.
3. The article of claim 2, wherein the venting means comprises holes disposed in the head covering member above the headband member.
4. The article of claim 1, wherein the head covering member fits loosely above the head of a user, except where it makes contact with the headband member.
5. The article of claim 1, wherein the closed cell foam material comprises neoprene.
6. The article of claim 5, wherein the closed cell foam material is encased in a water adsorbent matting material to prevent direct contact between the closed cell foam material and the skin of a user.

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