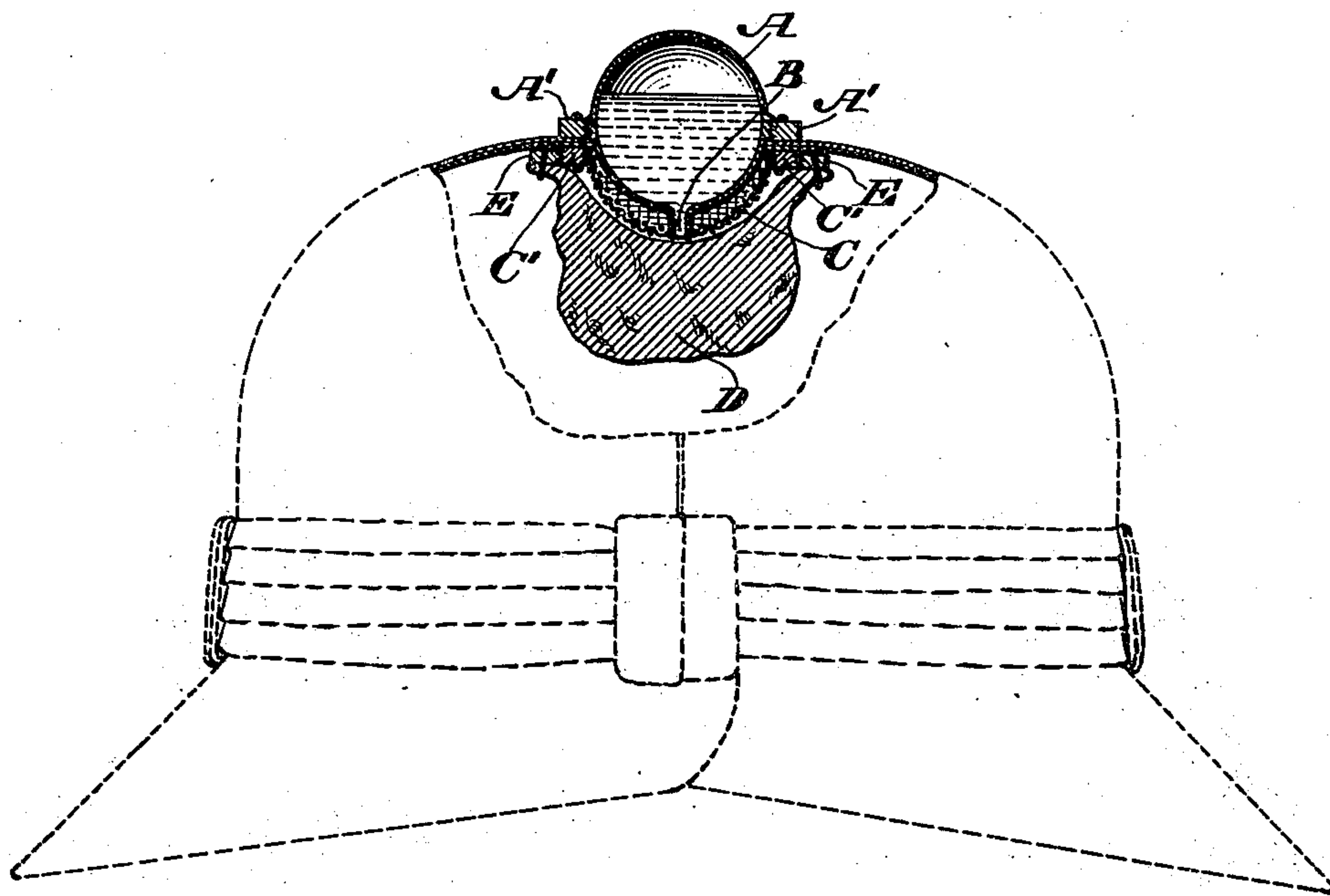


(No Model.)

H. D. MEARS.  
HEAD COOLER.

No. 594,209.

Patented Nov. 23, 1897.



WITNESSES

*L. Douville,*  
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# UNITED STATES PATENT OFFICE.

HENRY D. MEARS, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO  
ANNIE E. MEARS AND ANNA L. THOMPSON, OF SAME PLACE.

## HEAD-COOLER.

SPECIFICATION forming part of Letters Patent No. 594,209, dated November 23, 1897.

Application filed July 23, 1897. Serial No. 645,695. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY D. MEARS, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Head-Coolers or Moistening Attachments or Devices for Hats or Caps, &c., which improvement is fully set forth in the following specification and accompanying drawing.

My invention consists of a device attachable to a hat, cap, or other article of headwear for cooling the head of the wearer, the same embodying a piece of sponge or other absorbent material and a compressible bulb or reservoir for water or other fluid, said reservoir having a discharge-orifice opposite the said piece, so that the fluid may be admitted to the sponge by compression of said reservoir, said piece being connected with said reservoir.

The figure represents a longitudinal vertical section of a head-cooler or moistening attachment for a hat, &c., embodying my invention.

Referring to the drawing, A designates a bulb or ball of soft rubber, which is adapted to be compressed and is provided with a discharge orifice or nozzle B.

C designates a cup or socket of reticulated gauze or foraminous material, the same being adapted to receive the lower portion of said ball A, it being noticed that said cup depends from the wall of the opening in the top of the crown of the hat and is clamped or otherwise secured thereto in any suitable manner, it being also noticed that the base of said cup has an opening to receive the adjacent portion of the discharge spout or nozzle B of the ball.

D designates a piece of sponge or other absorbent material which depends from the center of the crown of the hat beneath the cup C, and is secured in the present case by means of a ring E, which is clamped to the rim C' of the cup C.

On the periphery of the ball A are threads which are adapted to engage with threads on

the upper ring A', whereby said ball may be screwed to said hat and thus retained in position. It will be seen that when the ball is removed it may be filled with water or other suitable cooling fluid and then restored to its position. When it is desired to moisten the sponge D, said ball is compressed, whereby the water is ejected from the same through the nozzle B to said sponge and thus the air within the hat may be moistened, the effect of which is the cooling of the head of the wearer.

The nozzle B may be provided with a suitable valve for preventing the improper escape of the fluid from the reservoir A.

The ball or bulb A may be removed as required, as has been stated, but in the present case it is screwed to the hat, so as to be retained in position, especially while the hat or cap is being worn; but it is evident that other attachable devices for said ball may be employed. In some cases a strap may be connected with the hat or cap and placed over the top of the ball; but to the method of retaining said ball in position I do not limit myself.

The cup C is employed in order to prevent the crowding of the ball on the sponge should said ball be subjected to severe downward pressure; but, if desired, the cup may be dispensed with. In such cases the ball is controlled in position by the ring A', and when the cup is retained the sponge and ball may be removed, the cup then remaining in place, serving as a ventilator for the hat or cap.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A cooling device for headwear, comprising a compressible bulb or reservoir, adapted to contain a fluid and provided with a discharge-orifice and a piece of absorbent material opposite to said orifice secured to said reservoir.

2. A cooler or moistening device for an article of headwear, consisting of a compressible bulb or reservoir adapted to contain a

fluid and having a discharge-orifice, a support for said reservoir and a piece of absorbent material below said support.

3. An article of headwear having in its top  
5 or crown, an opening and a head-cooler or moistening device, adapted to be suspended from said top or crown through said opening, consisting of a compressible bulb or reservoir

adapted to contain a fluid and provided with a discharge-orifice and a piece of absorbent material opposite the said orifice secured to said reservoir.

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Witnesses:

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