

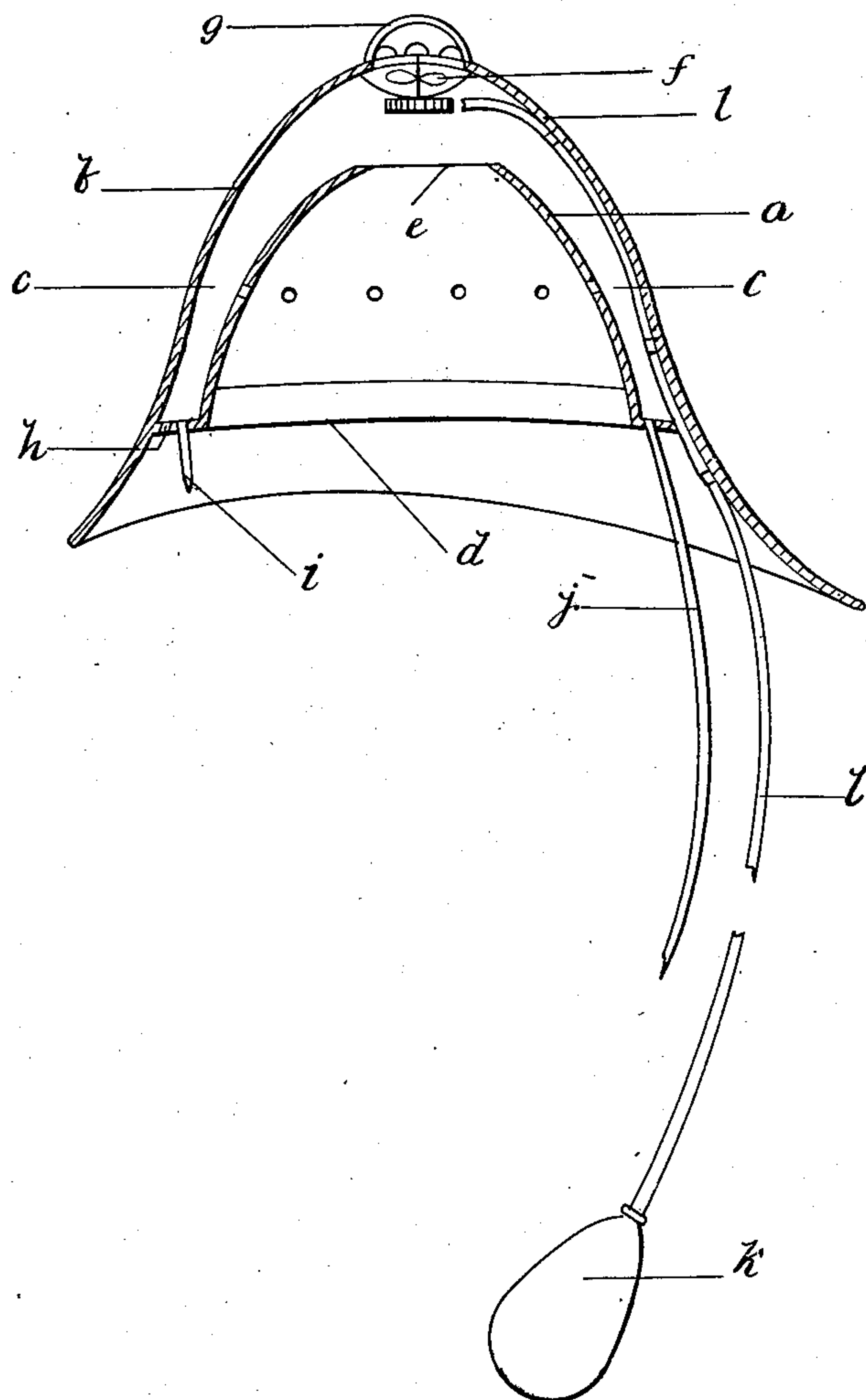
No. 735,790.

PATENTED AUG. 11, 1903.

S. H. MEERZA.
HAT OR THE LIKE.

APPLICATION FILED SEPT. 29, 1902.

NO MODEL.



Witnesses

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UNITED STATES PATENT OFFICE.

SYUD HOZOR MEERZA, OF LONDON, ENGLAND.

HAT OR THE LIKE.

SPECIFICATION forming part of Letters Patent No. 735,790, dated August 11, 1903.

Application filed September 29, 1902. Serial No. 125,296. (No model.)

To all whom it may concern:

Be it known that I, SYUD HOZOR MEERZA, a subject of the King of Great Britain, residing at 34 Colville Square Mansions, Talbot road, Bayswater, London, England, have invented new and useful Improvements in and Relating to Hats or the Like, of which the following is a specification.

This invention has reference to improvements in and relating to hats and the like, the object being to provide means for ventilating articles of this kind during use.

In carrying my invention into effect I proceed in or in about the following manner, making reference to the accompanying drawing, which represents a sectional side view of a helmet, but I do not confine its use to helmets. I make the helmet or the like with an inner wall *a* and an outer one *b*, so as to provide an intervening air-space *c*. The walls *a* and *b* are connected by a closing-ring *d*; but the upper part of the inner wall *a* is open, as at *e*. Within the helmet or like I provide a fan *f*, preferably a centrifugal one, which is attached to the helmet in any suitable manner. The fan *f* draws its supply of air from the usual ventilator *g* or from a specially-provided one or from several ventilators. The air drawn in by the fan *f* is directed through the open top *e* of the inner wall to the head of the wearer and is also circulated between the walls *a* and *b* and forced out through openings *h*, pipes *i*, or tubes *j*, provided in or attached to the closure-ring *d* of the air-space *c*. When tubes *j* are used, they may be pushed

down between the user's neck and his wearing-apparel.

The fan *f* may be driven by electricity obtained from an accumulator contained in the helmet or in the user's pocket. Clockwork or any suitable mechanical or other means may also be used to rotate the fan *f*, and among such other means I may instance the provision of the spindle of the fan with a small wheel having cups around its periphery into which air is blown from a bulb *k* and led to the fan by a tube *l*.

As already mentioned, although the invention is only shown as applied to a helmet, nevertheless I do not confine it to that one use, but may apply it to any other head-gear or the like.

What I claim as my invention, and desire to secure by Letters Patent, is—

In helmets having an outer wall and an open-topped inner wall separated therefrom, means for retaining the said walls relatively to each other and having a ventilating-fan attached to the interior of the said helmet between said walls, and pneumatic means for operating the said fan, substantially as hereinbefore described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

SYUD HOZOR MEERZA.

Witnesses:

ERNEST HENRY SWEETSER,
ERNEST F. FOTHERGILL.