

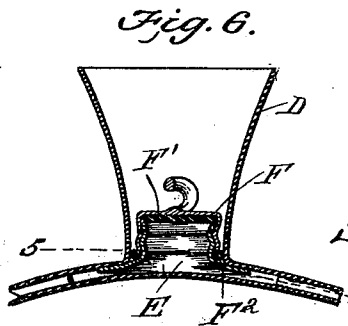
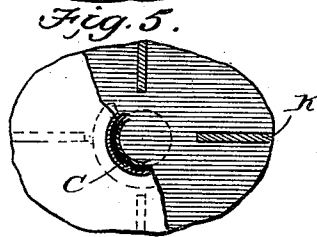
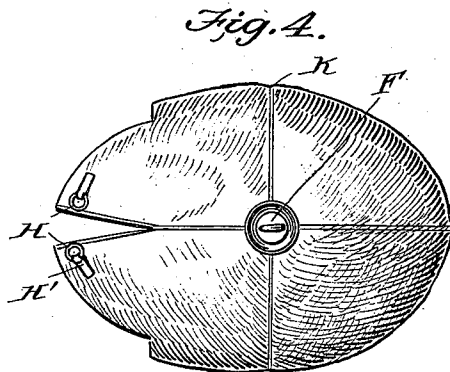
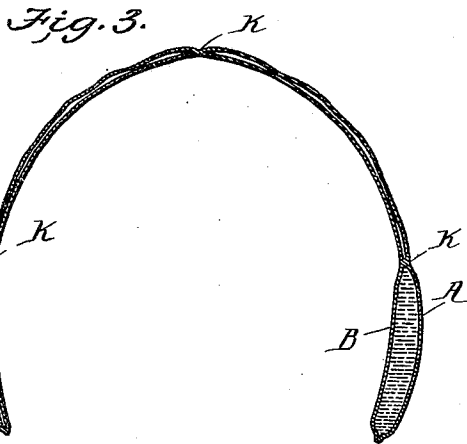
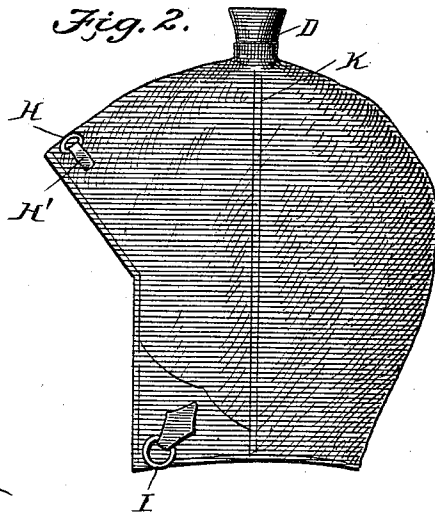
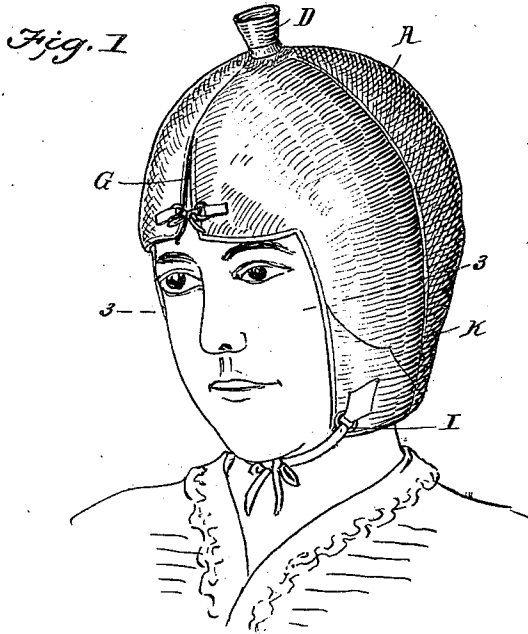
No. 683,991.

Patented Oct. 8, 1901.

S. ROWE.
WATER BAG FOR THE HEAD.

(Application filed Nov. 28, 1900.)

(No Model.)



WITNESSES:

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STELLA ROWE, OF CINCINNATI, OHIO.

WATER-BAG FOR THE HEAD.

SPECIFICATION forming part of Letters Patent No. 683,991, dated October 8, 1901.

Application filed November 23, 1900. Serial No. 37,489. (No model.)

To all whom it may concern:

Be it known that I, STELLA ROWE, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Water-Bag for the Head, of which the following is a specification.

This invention relates generally to a water-bag made of rubber, oiled silk, or other suitable material, and more particularly to one specially shaped and constructed to fit the head of a person.

The object of this invention is to provide a water-bag especially adapted for use upon the head, whereby the direct application of heat or cold to any part of the head can be had; and another object is to so construct this water-bag that heat or cold can be applied to one portion of the head without being applied to the whole head, as it frequently happens that it is only desirable to apply heat or cold to one particular portion of the head, and very often it is extremely difficult to give such application by means of the water-bags now in common use.

With these objects in view my invention consists in making the water-bag essentially like a hood in shape, dividing said hood-shaped bag vertically into a plurality of compartments, having a common filling-opening and stopper, and also in providing fastening devices, by means of which the bag can be securely fastened upon the head of a person, thereby bringing the heating medium directly upon the affected part or organ.

This invention consists also in certain details of construction and novelties of combination, all of which will be fully described hereinafter and pointed out in the claim.

In the drawings forming a part of this specification, Figure 1 is a perspective view showing the practical application of my invention; Fig. 2, a side elevation of the device; Fig. 3, a sectional view on the line 3 3 of Fig. 1, showing the forward compartments filled. Fig. 4 is a top view showing the forward extension and the central filling-opening and plug; Fig. 5, a detail sectional view on the line 5 5 of Fig. 6; and Fig. 6, an enlarged sectional view showing the filling-opening, plug or stopper, and funnel.

In constructing my improved water-bag for

the head I employ the usual rubber or fabric commonly used for making water-bags, and I construct said bag essentially in the shape of a hood, as most clearly shown in Figs. 1 and 2. This hood-shaped water-bag has an outer sheet A and an inner sheet or lining B, said parts being united in the usual manner at their edges. The outer sheet A has a filling-opening C produced in the top thereof, through which water can be introduced into the bag, and a funnel D surrounds the said opening in order to facilitate the introduction of the water.

A metallic screw-threaded neck E is inserted and secured in the filling-opening to receive the screw plug or stopper F, which has a rubber washer F' arranged in the top thereof, and the bottom of this screw plug or stopper bears upon a rubber ring or gasket F², so that all leakage will be avoided. The forwardly-projecting portion of the hood, or that portion which rests upon the forehead, is preferably split or divided, as most clearly shown at G in Fig. 1, and in order to bind said projecting portion tight to the forehead I provide the sections with a suitable fastening device by means of which they can be drawn close together and brought to bear directly upon the forehead and temples.

In the present instance I employ rings H, secured by straps H', secured adjacent to the ends of each section and through which a piece of ribbon or string can be drawn and tied to securely hold the sections together. I also prefer to use rings I I at the lower ends of the bag, through which a ribbon or string can be passed and tied beneath the chin in case it is desired to bring the bag close to the cheeks or neck.

Inasmuch as it frequently happens that heat or cold is only required at one particular side or point, I propose to divide my hood-shaped water-bag vertically into a plurality of compartments, and this I accomplish by means of the vertical seams K, which seams are made by stitching or cementing, as preferred, and it will be noted that all the seams run toward the common central filling-opening and approach it, but do not extend entirely to said opening. This permits all of the compartments to be filled at once, if so desired, and in case it is desired to fill a less

number the entrance to any particular compartment can be closed by pressing the outer sheet and lining together adjacent to the central opening between the thumb and forefinger of one hand, thus preventing the ingress of water into that compartment.

The filling-opening and plug being located in the top will not prevent the patient reclining or resting in any desired position. If desired, the forward lower ends of the bag can be made to exclude water by placing a seam across each end.

In order to use my invention, it will only be necessary to fill one or more of the compartments with hot or cold water, screw down the plug or stopper, and place upon the head, and if necessary the strings can be tied to bind the hood firmly upon the head.

The advantages of the shape will be apparent to every one and also the idea of dividing the bag into compartments, so that any

particular portion of the head can be treated without subjecting the entire head to such treatment.

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

A water-bag for the head essentially hood-shaped and divided vertically into a series of compartments having a common filling-opening at the top, the forwardly-projecting portion adapted to rest upon the forehead being divided and provided with means for fastening the said divided portion across the forehead, and means attached to the lower end of the bag and adapted to be fastened beneath the chin, substantially as shown and described.

STELLA ROWE.

Witnesses:

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