G. W. CALDWELL.

FACIAL STEAMER OR BATH.

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1,148,953.

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Fig. 1.

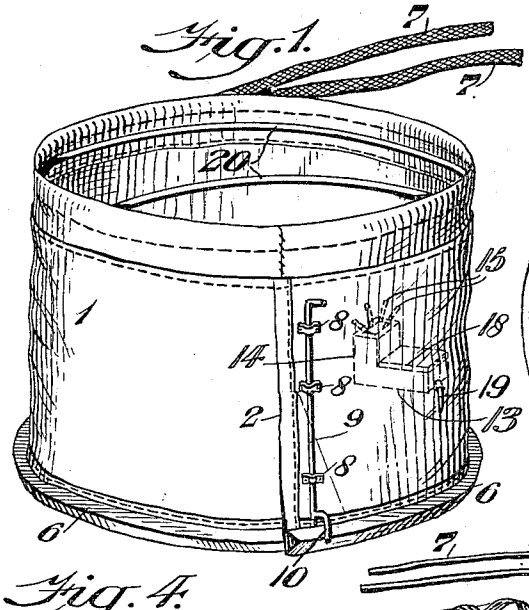


Fig. 2.

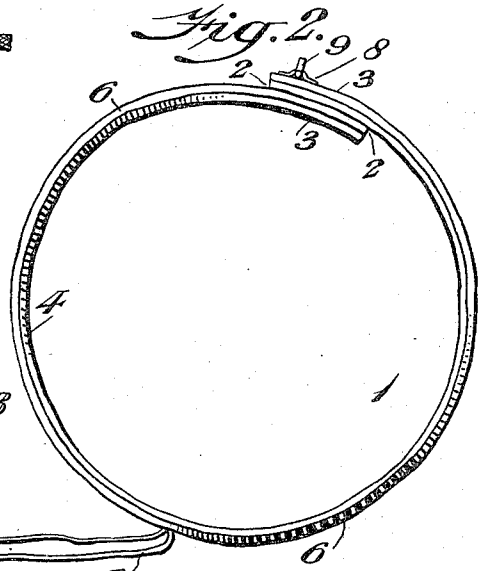


Fig. 4.

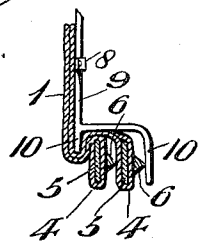


Fig. 3.

Fig. 5.

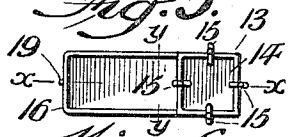


Fig. 6.

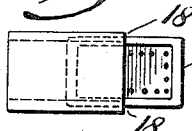


Fig. 7.

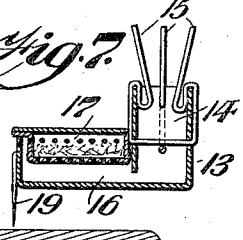


Fig. 8.



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FACIAL STEAMER OR BATH.

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To all whom it may concern:

Be it known that I, GEORGE W. CALDWELL, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Facial Steamer or Bath, of which the following is a specification.

My invention consists of a device adapted to direct steam or vapor, plain or medicated, from a receptacle, such as the bowl of a washstand, to the face of a person desiring the same, said device embodying a hood or sleeve-like body which may be fitted to said receptacle, and adapted to be supplied with steam or vapor and likewise to receive the face of the user, so that the latter will be subjected to the steam or vapor as a facial bath for purposes requiring the same.

It consists also of means adapting the side of the hood to separate, so the hood is adjustable in diameter relatively to the place of application, means for preventing improper opening of said side, and means for holding the hood tightly jointed in the receptacle to which it is fitted, and for distending the hood in both vertical and lateral directions.

The invention is satisfactorily illustrated in the accompanying drawing, but the important instrumentalities thereof may be varied, as long as they are included in the scope of the claims.

Figure 1 represents a perspective view of a facial steamer or bath embodying my invention. Fig. 2 represents a top or plan view thereof. Fig. 3 represents a vertical section thereof. Fig. 4 represents a vertical section of a detached portion on an enlarged scale. The remaining Figs. 5 to 8 inclusive represent views of a holder for a medicament or a remedial preparation.

Similar numerals of reference indicate corresponding parts in the figures.

Referring to the drawings, 1 designates a hood or sleeve-like body formed of fabric or other suitable pliable material, it being open at the top and bottom, and divided on its side as at 2, the walls of the division being adapted to overlap each other as at 3, so that said side is closed at said division while it is adjustable in diameter. At the bottom of the body is a hem 4 in which is placed the expansible hoop 5, the ends whereof are divided so as to overlap similar to those of the divided side of the body. On the exterior of the hem 4 is the gasket 6 of soft rubber, rubber fabric, or other suitable resilient material, the same being adapted to form a tight joint with a receptacle within which the device is placed. At the upper end of the body is a hem in which is a piece of tape or strap 7 which acts after the manner of a draw string, it being adapted to be passed over the head of the person using the device, and tied about the neck thereof, the object of which being hereinafter more fully explained. On the side of the body are eyes 8, in which is fitted the vertically movable rod 9, on which lower end is the bifurcation 10, which is adapted to embrace the portion of the lower end of the body about the walls of the division 2, and so hold together the opposite walls of said division, and consequently tightly close the same, to prevent the vapor or steam entering the body below from escaping at the divided side thereof.

The operation is as follows:—The hood is placed say in the bowl of a washstand its side being primarily contracted below to enter the same, the hoop contracting also. Then owing to the expansion of said hoop the bottom of the hood is forced against the inner side of said bowl when the gasket 6 engages said side and causes the hood to remain connected with the bowl with a tight joint between the contiguous parts, while the hood is in communication with the bowl from below. Meanwhile hot water or a medicament is introduced into the bowl and the head of the user face down is introduced into the top of the hood and the draw string is applied over said head and secured about the neck of the user, this also holding up the hood. The steam or vapor plain or medicated rising in the hood reaches the face of the user and acts thereupon for the purpose intended. When the draw string is loosened, and the head withdrawn from the hood, the latter may be removed from the bowl and folded or collapsed, into comparatively flat form, serviceable for storing away, packing, etc.

In order to permit the application of the hood to the bowl when the latter is provided with a faucet to supply the bowl with hot water, the side of the hood is formed

with an opening 11 to receive the faucet and allow it to enter the interior of the hood, as most plainly shown in Fig. 3, the effect of which is evident. The rod 9 occupying the eyes 8 on the side of the hood serves as a reinforce or stiffener for the latter in the vertical direction.

The inner face of the hood has applied to it the piece 12 which is secured thereto in any desired manner and made of material that will act as a reinforce, especially where about the place of occupation of the spigot or faucet, or where the latter may rub or scrape in the application and removal of the hood.

The hood may be lengthened or shortened as desired, according to circumstances. If the device is used by a person occupying a seat, the hood may be bent over to adapt the head of the user to be introduced thereinto.

13 designates a holder for a medicament or remedial preparation, the same being attachable to a spigot or faucet, and consisting of the inlet casing 14, which is provided with prongs or fingers 15 which are secured thereto and rise therefrom, so as to be capable of resiliently engaging with the interior of the mouth portion of the spigot or faucet, so as to sustain said holder in position thereon, said casing having thereon the chambered offset 16, which contains the removable drawer 17 whose top has on its sides the flanges 18 from which said drawer depends and which permits the drawer to slide whereby it may be opened and closed, it containing a medicament or remedial preparation which may be absorbed by suitable material in the drawer, the bottom and sides of the latter being perforated, it being seen that when the spigot or faucet, preferably the one for hot water is turned-on, the water flows through the casing 14 into the offset 16 enters the drawer 17 and acts on the medicament or remedial preparation liberating or releasing the same, and vaporizing it in the basin, in which condition, it rises and acts on the face of the patient or user for a purpose intended. The holder 13 is also provided with a pin or spur 19 which may be stuck into the hood 1 to support said holder therein when so desired, as shown full in Fig. 3, and dotted in Fig. 1.

Within the hood is the coiled spring 20 which is secured thereto and designed to hold said hood in distended and operative position both upright and laterally, but permits the same to collapse and be folded in compact form for packing, storing, transportation, etc.

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

1. A hood for the purpose stated of pliable material, the same being open at the top and bottom having a divided side and provided with means for holding it distended in both upright and lateral directions, and a resilient divided gasket on the lower portion of the hood adapted to form automatically a tight joint for the divided side of the hoop with the receptacle in which the hood is placed.

2. A hood for the purpose stated of pliable material having an open top and bottom, and a divided side, the walls of the division being adapted to overlap, a resilient divided hoop, and a resilient divided gasket on the lower portion of said hood around said divided side.

3. A hood for the purpose stated of pliable material having an open top and bottom, and a divided side, an expansible member on the interior of the lower portion thereof, and a gasket member on the exterior of said portion adapted to form a tight joint with the receptacle to which the hood is applied.

4. A hood for the purpose stated of pliable material adapted to be fitted in a wash bowl, or similar receptacle and provided with a gasket member on the exterior thereof for tightly jointing it with said receptacle.

5. A hood for the purpose stated of pliable material adapted to be fitted in a wash bowl or similar receptacle and provided with a gasket member on the exterior thereof for tightly jointing it with said receptacle, and a coiled member within said hood for holding the latter distended in upright direction.

6. A hood for the purpose stated of pliable material adapted to be fitted in a wash bowl or similar receptacle and provided with a gasket member on the exterior thereof for tightly jointing it with said receptacle and a coiled member within said hood for holding the latter distended in upright direction, and also for holding it distended in lateral direction in its place of application.

7. In a steamer of the character stated, a hood formed of pliable material, means thereon for retaining it within a fluid receptacle, means for holding the hood distended in upright position from said receptacle and a piece of reinforcing material of pliable nature imposed on the side wall of said hood, said wall and piece having therein registering openings for the passage of a fluid-supplying member for said receptacle.

8. In a device of the character stated, a hood having an open top and bottom, and a divided side, the terminal portions of said side being adapted to lap each other, a bifurcated piece adapted to embrace said portions, and means on the hood adapted to carry said piece.

9. A hood for the purpose described

adapted to be inserted in a wash bowl having means for supporting it vertically therefrom and being provided with an opening in its side to admit of the passage of a faucet therethrough.

10. In a facial steamer or vaporizer, a hood of pliable material having connected therewith a spring for holding the same in distended upright position.

GEORGE W. CALDWELL.

Witnesses:
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."