No. 785,391. PATENTED MAR. 21, 1905.

J. P. WEIS.

MASSAGE STEAMER.

APPLICATION FILED MAR. 25, 1904.

2 SHEETS—SHEET 1

Fig. 1.

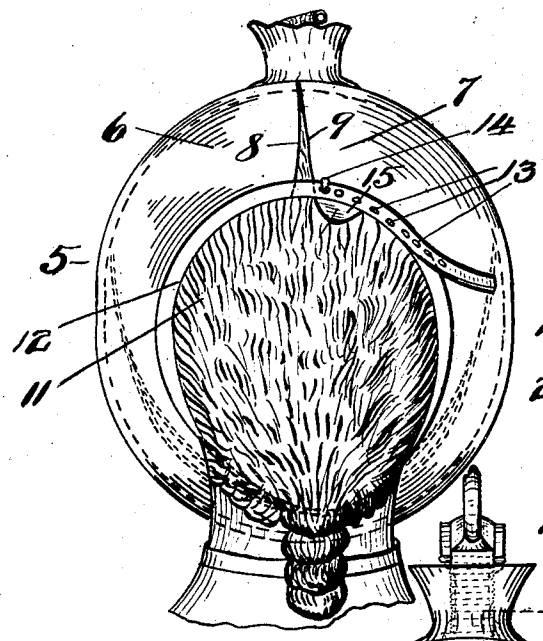


Fig. 5.

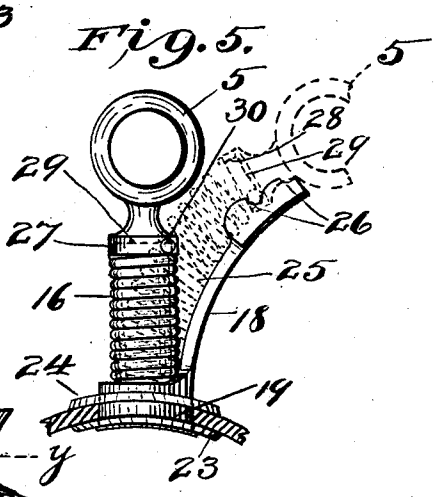
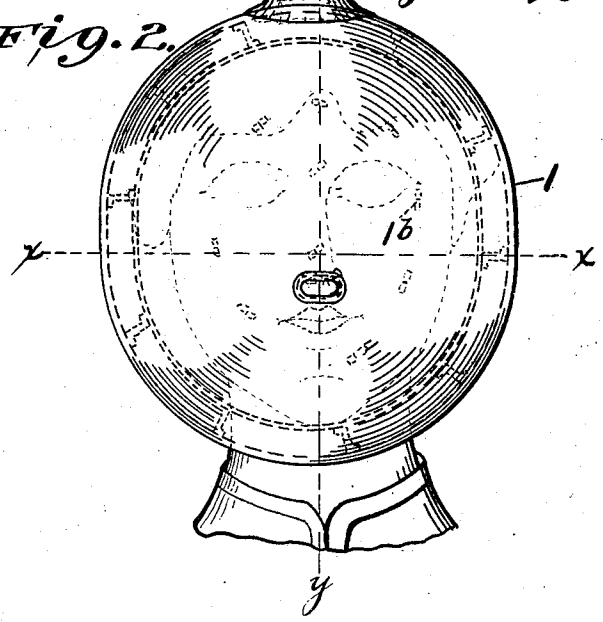


Fig. 2.



WITNESSES:

Letitia A. Langille

Warren G. Ogden

INVENTOR,

John P. Weis

by Blackwood Bros

his ATTORNEYS

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2 SHEETS—SHEET 2.

Fig. 3.

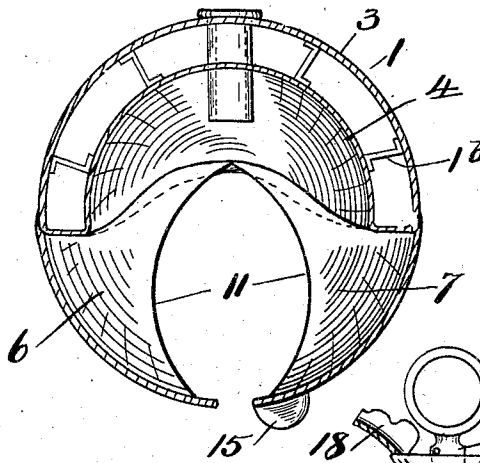
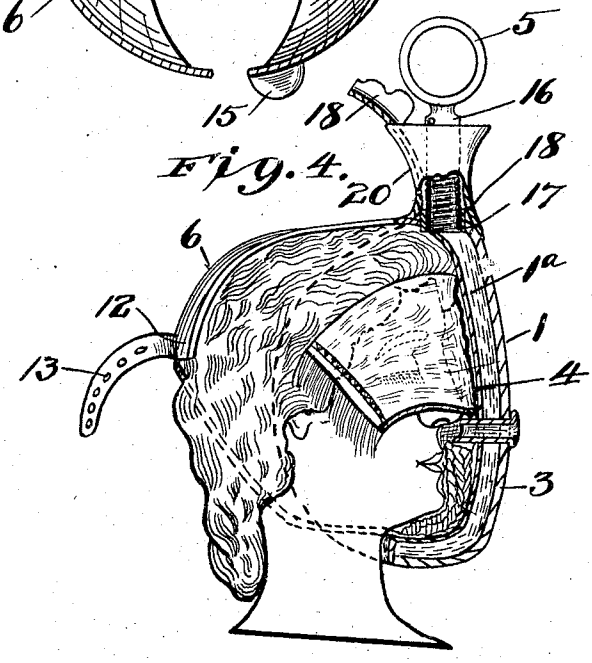


Fig. 4.



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Letitia A. Langille

Warren G. Ogden

INVENTOR

John P. Weis

by Blackwood Bros.

his ATTORNEYS

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No. 785,391. Patented March 21, 1905.

UNITED STATES PATENT OFFICE.

JOHN P. WEIS, OF NYACK, NEW YORK.

MASSAGE-STEAMER.

SPECIFICATION forming part of Letters Patent No. 785,391, dated March 21, 1905.

Application filed March 25, 1904. Serial No. 199,905.

To all whom it may concern:

Be it known that I, JOHN P. WEIS, a citizen of the United States, residing at Nyack, in the county of Rockland and State of New York, have invented new and useful Improvements in Massage-Steamers, of which the following is a specification.

My invention relates to massage-steamers designed and adapted for the treatment of the face.

Heretofore by the most universally-practiced method of preparing the face for massage treatment a towel prepared by dampening it in hot water was first applied to the face, leaving the nostrils uncovered, so as to allow the patient or subject to breathe freely, this being accomplished by looping the towel under the chin, bringing the ends up on each side of the nose, and crossing them over the forehead. While this towel was performing its function the tonsorialist or dermatologist was engaged in preparing a second towel, and this operation was continued until three or more towels had been applied to the face. Massage-cream was then applied, the face thoroughly massaged, and finally it was treated by the application of three or more towels prepared and applied in the manner above described.

It will be appreciated that treatment by the method above described is attended by many disadvantages and that it is practically impossible thereby to properly prepare the face, as in the first place the operation is long as a result of having to prepare and apply six or more towels. In the second place the face becomes chilled between the applications thereof, which has the effect of closing the pores, and in the third place an even temperature cannot be maintained.

My invention, therefore, has for its object to overcome these disadvantages by providing a simple and effective massage-steamer for the treatment of the face, whereby the complexion will be improved and all cutaneous diseases cured.

It has for a further object to provide a massage-steamer adapted to hold a damp towel against the face, to provide a chamber therein adapted to contain hot water for the purpose of keeping the towel hot and preserving an even temperature for a sufficient length of time necessary to prepare the face for massage treatment, to provide means whereby the patient or subject can get fresh air while being treated, and to provide means whereby the massage-steamer can be easily and readily attached to or removed by such subject or patient.

It has for a further object to provide a simple, effective, and easily-manipulated stopper for the combined inlet and outlet opening of the water-chamber adapted to be secured to the bag and means for holding the stopper open when desired.

It has for a still further object to provide a massage-steamer possessing advantages in point of inexpensiveness, durability, and general utility.

In the drawings, Figure 1 is a rear view of my massage-steamer applied to the head. Fig. 2 is a front view. Fig. 3 is a horizontal sectional view taken on the line x x of Fig. 2. Fig. 4 is a vertical sectional view taken on the line y y of Fig. 2, and Fig. 5 is a detail view of the stopper and retainer therefor.

Corresponding parts in all the figures are denoted by the same reference characters.

Referring to the drawings, 1 designates the front portion of the massage-steamer, which is designed to comfortably fit over the entire face and under the chin and has a chamber 1^a therein adapted to receive and retain hot water at a temperature sufficient to keep a damp cloth hot, which is inserted between it and the face by looping it under the chin, bringing the ends up on each side of the nose, and crossing them over the forehead, said chamber being formed by walls of rubber or oiled silk connected together by stays 1^b, the outer wall 3 being thick, so as to prevent the escape of heat, and thereby keep the water hot for a long time, and the inner wall 4, connected thereto and being thin, so as to allow the heat from the hot water to pass freely therethrough to the towel, and thereby keeping it hot.

The back portion 5 constitutes a fastening means for retaining the front portion in place, said back portion comprising flaps 6 and 7,

made of rubber or other suitable material and cemented to the rear edges of the front portion and the edges 8 and 9 thereof meeting on top of the head and being separated at the back of the head to form a substantially circular opening 11, through which the long hair can project if the subject or patient be a woman, and for the purpose of connecting the edges 8 and 9 of the flaps a band 12 is cemented thereto around the circular opening 11, and one end projects beyond the edge 8 of flap 6 and is provided with holes 13, and a stud 14 is secured to the flap 7 near the edge 9 and is adapted to be engaged with any one of the said holes at a time, and a tab 15 is also provided on the flap 7, whereby when it is desired to bring the edges of the flap together said tab can be grasped between the thumb and first finger of the left hand and the projecting end of the band 12 can be grasped between the thumb and first finger of the right hand.

A stopper 16 is provided for controlling the common inlet and outlet opening 17 of the water-chamber and is combined with a retainer 18 for holding the stopper open, said retainer compressing a collar 19, located within a flared nozzle 20, cemented over the opening of the water-chamber and having a flange 23 adapted to bear against the interior surface of the wall of the chamber around said opening, a washer 24, secured on said collar and bearing against the exterior surface of the wall of the chamber around said opening, so as to clamp said wall between them, and an arm 25, curving upwardly and rearwardly from the ring and having a plurality of notches 26 at the upper end and said stopper comprising a closely-coiled covered or uncovered spring 27, one end secured within the collar 19 and the other end connected to and seated within a circular recess 28 in a plate 29, said plate being provided with a ring for the insertion of the finger to pull the coils of the spring apart, and lugs 30, adapted to engage the notches 26 to hold the stopper open.

I do not desire to be understood as limiting myself to the details of construction and arrangement as herein described and illustrated, as it is manifest that variations and modifications may be made in the features of construction and arrangement in the adaptation of the device to various conditions of use without departing from the spirit and scope of my invention and improvements. I therefore reserve the right to all such variations and modifications as properly fall within the scope of my invention and the terms of the following claims.

What I claim is—

1. A massage-steamer comprising flexible walls, a chamber formed between said walls for containing fluid, means for allowing the admission of fluid to said chamber and its withdrawal therefrom, and an air-inlet, substantially as described.

2. A massage-steamer comprising flexible walls, a chamber formed between said walls for containing fluid, means for allowing the admission of fluid to said chamber and its withdrawal therefrom, an air-inlet, securing-flaps, and means for connecting said flaps, substantially as described.

3. A massage-steamer comprising a front dished portion provided with inner and outer flexible walls, a chamber formed between said walls for containing fluid, means for allowing the admission of fluid to said chamber and its withdrawal therefrom, and an air-inlet, substantially as described.

4. A massage-steamer comprising flexible walls forming between them a chamber for containing fluid, the edge of the chamber contacting with the head, means for allowing the admission of fluid to said chamber and its withdrawal therefrom and an air-inlet, substantially as described.

5. A massage-steamer comprising flexible walls forming between them a chamber for containing fluid, the edge of the chamber contacting with the head and extending under the chin, means for allowing the admission of fluid to said chamber and its withdrawal therefrom, and an air-inlet, substantially as described.

6. A massage-steamer comprising a front chambered portion adapted to cover the entire face, an inlet and outlet opening thereto, a coiled-spring stopper for closing said opening, a retainer for holding said stopper open, rear flaps connected to said front chambered portion and means for connecting said flaps, substantially as described.

7. A massage-steamer comprising a front chambered portion adapted to cover the entire face, the outer wall being thick, and the inner wall thin, an inlet and outlet opening thereto, rear flaps connected to said front chambered portion, and means for connecting said flaps, substantially as described.

8. A massage-steamer comprising a front chambered portion adapted to cover the entire face, the outer wall being thick and the inner wall thin, an air-tube extending through said walls, an inlet and outlet opening thereto, rear flaps connected to said front chambered portion and means for connecting said flaps.

9. A massage-steamer comprising a front chambered portion adapted to cover the entire face, the outer wall being thick and the inner wall thin, an air-tube extending through said wall, an inlet and outlet opening thereto, rear flaps connected to said front chambered portion, and means for adjustably connecting said flaps together, substantially as described.

10. A massage-steamer comprising a front dished chambered portion having an inner and an outer wall and covering the entire face and extending under the chin, an inlet and

outlet opening, an air-tube extending through the walls of said chambered portion and means for securing said chambered portion in place, and a piece of absorbent material interposed between the chambered portion and the face, substantially as described.

11. A massage-steamer comprising a front dished chambered portion having an inner and an outer wall and covering the entire face and extending under the chin, absorbent material interposed between the face and the chambered portion, an air-tube extending through the walls of said chambered portion and the absorbent material, and means for securing the chambered portion in place, substantially as described.

12. A massage-steamer comprising a front dished chambered portion having an inner and an outer wall and spaced from and entirely covering the face and its rear edge contacting with the top and sides of the head, an inlet and outlet opening thereto, an air-passage through its walls, flaps secured to its rear edge and covering the head, the edges meeting over the top of the head, and means for securing said flaps together, substantially as described.

13. A massage-steamer comprising a front dished chambered portion having an inner and an outer wall and spaced from and entirely covering the face and its rear edge contacting with the top and sides of the head, an inlet and outlet opening thereto, an air-passage through its walls, flaps secured to its rear edge and covering the head, the rear edges being spaced apart at the back of the head and meeting over the top, and means for securing said flaps together, substantially as described.

14. A stopper comprising a coiled spring and a retainer for holding said spring extended provided with a plurality of notches, and means on said stopper for engaging said notches, substantially as described.

15. A stopper comprising a coiled spring having a plate provided with a lug, and a retainer comprising a curved arm having notches with which said lug is designed to engage, substantially as described.

16. A stopper comprising a coiled spring having a ring and a plate provided with a lug, and a retainer comprising an upwardly and rearwardly curved arm having a plurality of notches with which said lug is designed to engage when the stopper is in an extended position, substantially as described.

17. A stopper comprising a coiled spring provided with a plate having lugs and a recess in which the upper end of said spring is secured, and a retainer comprising a curved arm provided with a plurality of notches on each side designed to be engaged by the lugs of the stopper, substantially as described.

18. A stopper comprising a coiled spring provided with lugs and a retainer comprising an upwardly-curved arm provided with side plates having a plurality of notches designed to be engaged by the lugs on the stopper, substantially as described.

19. A stopper comprising a covered coiled spring provided with a circular plate having lugs and a ring, and a retainer, for holding said stopper open, comprising an upwardly and outwardly curved arm provided with side plates having a plurality of notches, substantially as described.

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

JOHN P. WEIS.

Witnesses:
WILLIAM W. WHYARD,
LE ROY FRAE.