

No. 717,148.

Patented Dec. 30, 1902.

W. J. H. WALTERS.
SHAMPOOING HOOD.

(Application filed Mar. 26, 1902.)

(No Model.)

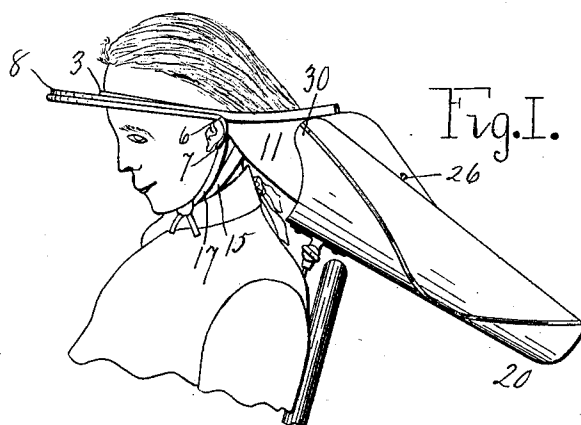


Fig. I.

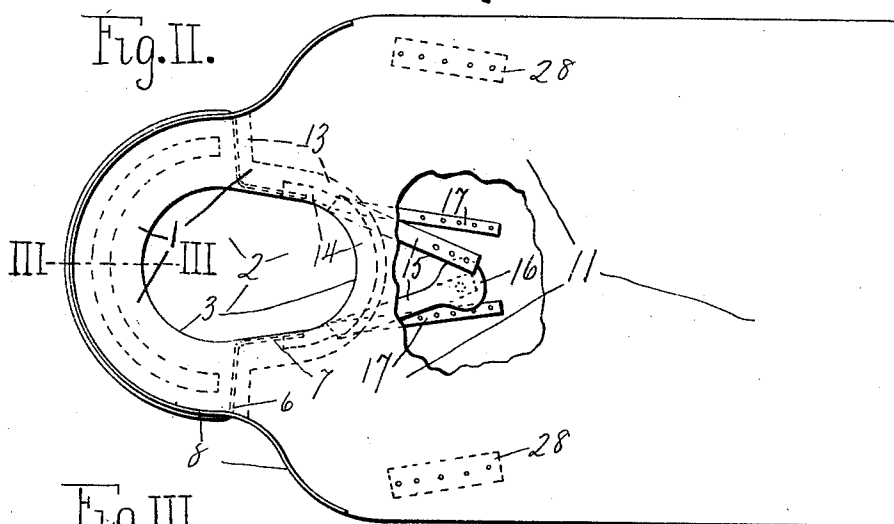


Fig. II.

Fig. III.

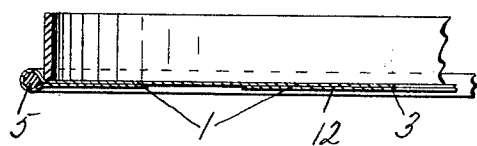


Fig. IV.

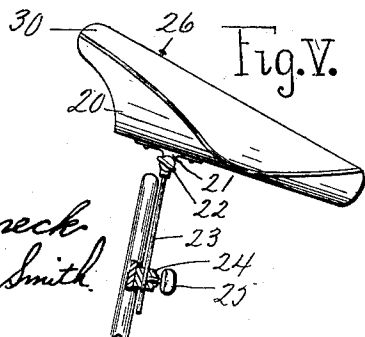
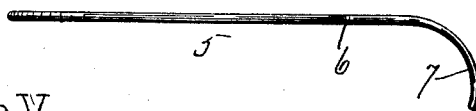


Fig. V.

WITNESSES:

Chas. H. H. Walters
M. Blanche Smith

INVENTOR

William J. H. Walters

BY

Alfred Wilkinson
ATTORNEY.

UNITED STATES PATENT OFFICE.

WILLIAM J. H. WALTERS, OF SYRACUSE, NEW YORK.

SHAMPOOING-HOOD.

SPECIFICATION forming part of Letters Patent No. 717,148, dated December 30, 1902.

Application filed March 26, 1902. Serial No. 100,148. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. H. WALTERS, of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Shampooing-Hoods, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention is a shampooing-hood fitted to the head to protect the face and clothing, permitting shampooing of the hair while the patient remains in normal position.

The essential feature of my device is a sheet of elastic waterproof material having an opening substantially fitting the head, to grip in front over the brows, and in the back, in the neck under the hair. The front portion of this sheet is reinforced by a wire substantially of the contour of the head and set at a distance therefrom, forming a channel with a margin around it, and bent in toward the head to curve around the ears. At the rear the sheet is continued, forming the integral waterproof apron to receive the water from the channel and to deliver it into any convenient receptacle. The hood is suitably reinforced and provided with straps to hold the channel portion in proper position slightly inclined toward the rear. A curved guide-plate may be adjustably fixed on a chair or other support to support the apron and guide the water into a suitable receptacle.

My invention will be understood by reference to the drawings herewith, in which the reference-numerals used in the specification indicate the same parts in all the figures.

Figure I is a view showing the hood in use. Fig. II is a plan of the hood laid out flat. Fig. III is an enlarged section of the front on line III III of Fig. II. Fig. IV is a side elevation of the reinforcing-wire detached. Fig. V is a side elevation of the guide-plate.

In the figures, 1 indicates the front or channel portion of my shampooing-hood formed with the opening 2 to receive the head, around which is the inner margin 3, of elastic material, such as thin sheet-rubber, adapted to grip the head and sustain the hood when set in position, as shown in Fig. I. The outer margin is formed by connecting or vulcanizing the rubber around the reinforcing-wire 5, curved substantially to conform to the shape

of the head and bent in at 6 to engage resiliently with the sides of the head, where it is curved down at 7 around the ears. The outer edge of the body is provided with the vertical margin 8, of thicker rubber or other suitable material, and thus is formed the flat light channel to receive the water in front and to deliver it over the ears into the integral enlarged apron 11. The channel portion of the sheet or body is suitably reinforced, for instance, on its inner edge 3 by the extra thickness of rubber 12 and at 13 by a strip extending back of the wire around the neck portion. At 14 an extra piece is doubled over the margin, fitting against the neck under the hair, for the attachment of two pair of rubber straps there vulcanized in position and each pair provided with buttons or studs and corresponding buttonholes. The rear pair of straps 15 15, of which one is provided with a guard-piece 16 to protect the neck, hold the rear of the body in against the neck. The forward pair of straps 17 17 hold the channel down close to the ears and by their tension maintain the channel in position slightly inclined toward the rear to throw the water back to the apron.

I preferably also use a curved or channeled trough-plate 20, made of sheet metal or other suitable material, having curved forward extensions 30 to sustain the apron over a suitable waste-receptacle for the water. This trough-plate or guide-plate is preferably provided with lug 21 and thumb-piece and screw 22, by which it is adjustably secured, giving it angular adjustment, to the upper end of rod 23, vertically adjustable in clamp 24, provided with set-screw 25 and secured on a chair or other suitable support. The trough-plate is provided with studs 26, engaging with eyelet-holes in reinforcing-strips 28, secured to apron to hold it in place.

I have provided a light, economical, and efficient protective hood for use in shampooing, which is distended by the sufficiently-stiff wire to form the channel inclined toward the rear and held snug and firm against the back of the head and close to the ears by the retaining-straps, permitting shampooing, cleansing, washing, and preliminary drying of the hair in ordinary dress and in normal position, so that the patient need not rise from the chair

nor bend over. By the elasticity of the material the hood is supported in position and hugs the head, preventing the passage of water and lather, which flows over the apron and trough-plate into a suitable waste-receptacle.

My hood is useful for household or barber-shops.

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

1. In a shampooing-hood, the combination with a substantially semicircular reinforcing-wire, arranged to conform to the shape of the front of the head, at a distance therefrom, and having its rear, free ends bent to engage with the sides of the head, of a sheet of elastic material secured to said wire and having an opening with an elastic edge to fit the head and a rearwardly-extending, enlarged apron, forming a channel around the front and sides of the head to receive the water and deliver it to the apron at the rear.

2. In a shampooing-hood, the combination of a reinforcing and supporting wire to surround the front of the head, arranged at a distance therefrom, and having its rear, free ends bent inwardly to engage with the sides of the head, of a sheet of elastic material formed with an opening to receive the head and with a rearwardly-extending apron, and having its forward edge secured to the reinforcing-wire and a vertical marginal wall extending around the front of said body.

3. In a shampooing-hood, the combination with a sheet of elastic material having an opening to receive the head and a rearwardly-extending, enlarged apron, of a semicircular supporting and reinforcing wire of larger diameter than the head and arranged at the front thereof, the body being secured to said wire, and straps secured to the body at the rear of the head-opening to retain the hood in proper position on the head.

4. In a shampooing-hood, the combination of a wire bent to surround the front of the head and of larger diameter, of a sheet of elastic material secured to said wire formed with a head-opening and having a rearwardly-extending integral apron, of a pair of straps connected to the margin of the opening on its respective sides and provided with engaging means at their free ends to maintain the hood in position close to the ears, and of a second pair of straps connected to the margin at the rear of the opening, having engaging means at their free ends to retain the hood in position against the back of the neck.

5. In a shampooing-hood, the combination of a wire bent to surround the front of the head and of larger diameter, of a sheet of elastic material secured to said wire formed with a head-opening and having a rearwardly-extending integral apron, of a pair of straps connected to the margin of the opening on its respective sides and provided with engaging means at their free ends to maintain the

hood in position close to the ears, of a second pair of straps connected to the margin at the rear of the opening, having engaging means at their free ends to retain the hood in position against the back of the neck, and a protective flap on the under strap of the first pair to protect the wearer from the engaging devices.

6. In a shampooing-hood, the combination of a wire bent to surround the front of the head and of larger diameter than the head, of a sheet of elastic material secured to said wire formed with a head-opening and having an elastic margin around the head-opening to engage with the head and sustain the hood and a rearwardly-extending integral apron, of two pair of straps connected respectively at the sides and rear of the head-opening to retain the hood in position close to the ears and draw it snug against the back of the neck, and means to secure said straps in pairs under the chin of the wearer, and supplementary pieces to reinforce the margin of the head-opening.

7. In a shampooing-hood, a substantially semicircular supporting-wire of larger diameter than the head, a sheet of elastic material secured to said reinforcing-wire and having an opening for the head, an elastic margin integral with the sheet around the head-opening to engage with the head and sustain the hood, a vertical, marginal wall arranged around the front of said sheet, straps to retain it in position on the head, and a channel guide-plate suitably supported for supporting the rear portion of said sheet.

8. In a shampooing-hood, the combination of a substantially semicircular supporting-wire of larger diameter than the head, the wire having its rear, free ends bent inwardly to engage with the sides of the head and curved downwardly around the ears, of a sheet of elastic material secured to said wire, having an enlarged rearwardly-extending apron and formed with an opening for the head, a vertical margin around the front portion of said sheet and straps to secure the hood in position.

9. In a shampooing-hood, the combination of a substantially semicircular supporting-wire of larger diameter than the head to be arranged around the front thereof, the wire having its rear, free ends bent inwardly to engage with the sides of the head and curved downwardly around the ears, of a sheet of elastic material secured to said wire, having an enlarged rearwardly-extending apron and formed with an opening for the head, a vertical margin around the front portion of said sheet, straps to secure the hood in position, and a guide-plate of thin metal to support the apron and conduct the water to a suitable waste, studs on the plate to engage with eye-let-holes on the apron and means adjustably to support the plate.

10. In a shampooing-hood, the combination of a substantially semicircular supporting-

wire of larger diameter than the head and arranged around the front thereof, the wire having its rear, free ends bent inwardly to engage with the sides of the head and curved downwardly around the ears, of a sheet of elastic material secured to said wire, having an enlarged rearwardly - extending apron and formed with an opening for the head, a vertical margin around the front portion of said sheet, straps to secure the hood in position, a thin metallic guide-plate having upwardly-curved sides and forward extensions at its wider upper end, forming a channel to support the apron and conduct away the water, a vertically-adjustable rod arranged on a suitable support and a pivoted connection between the guide-plate and the rod, for the angular adjustment of the guide-plate.

11. In a shampooing-hood, the combination with a sheet of elastic material having an opening substantially to fit the head, of an integral elastic margin around the head-opening to engage with the head and sustain the hood, of a band of sufficiently rigid material connected to the outer edge of the sheet, to distend the sheet and form a channel around the front and sides of the head, an integral apron on the rear of the channel portion, and straps to maintain the channel and apron in position.

In testimony whereof I have hereunto signed my name.

WILLIAM J. H. WALTERS. [L. s.]

Witnesses:

FRANK Z. WILCOX,
ELISE WALTERS.