Nov. 26, 1929. W. G. JOHNSON 1,737,460

ELECTRIC HAIR PRESSING CAP

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Fig. 1.

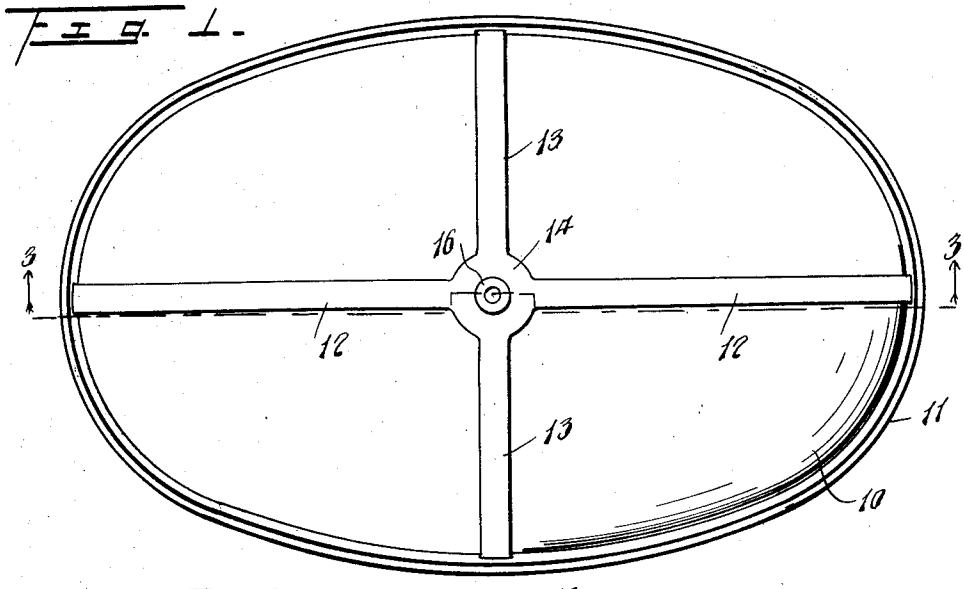


Fig. 2.

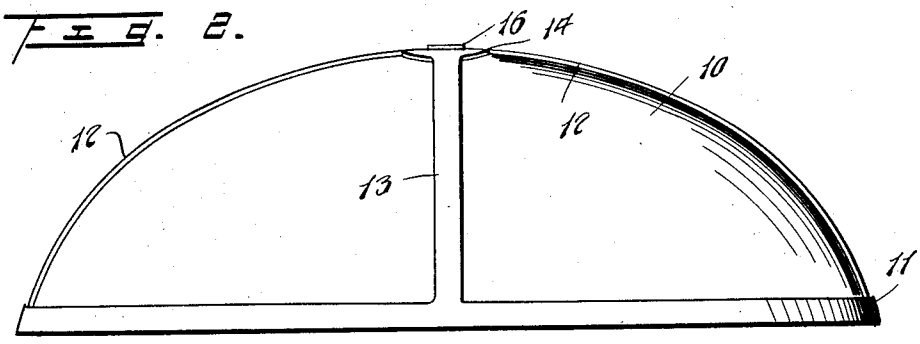
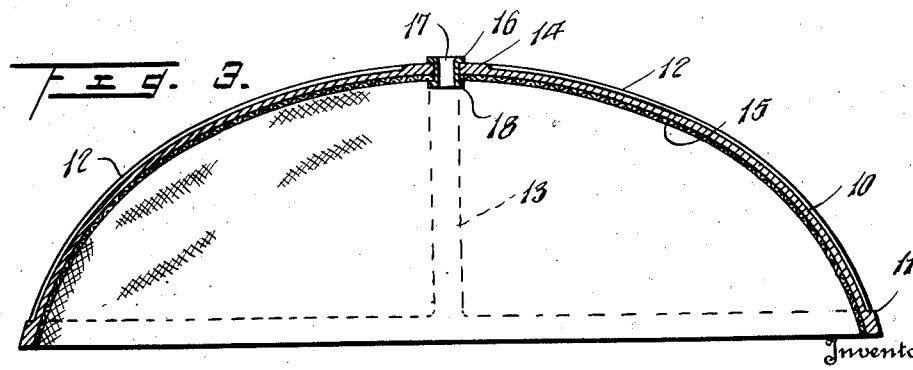


Fig. 3.



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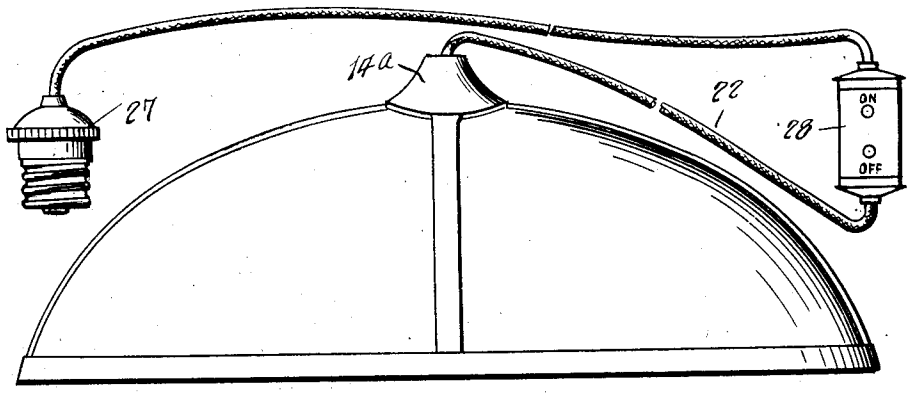


FIG. 4.

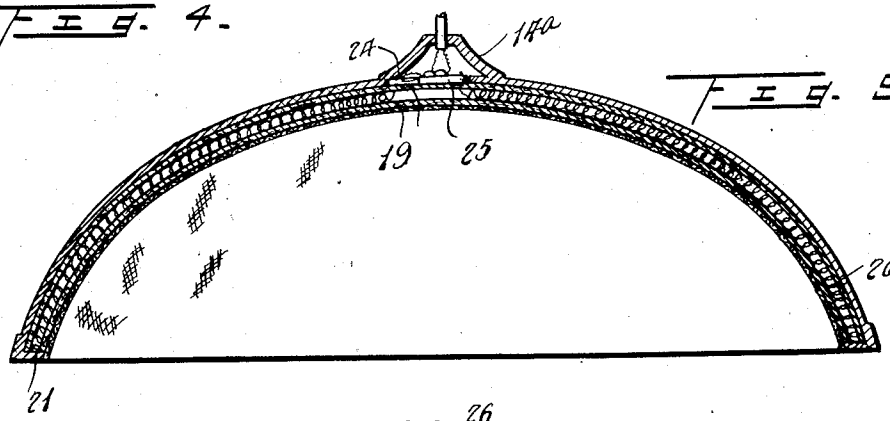


FIG. 5.

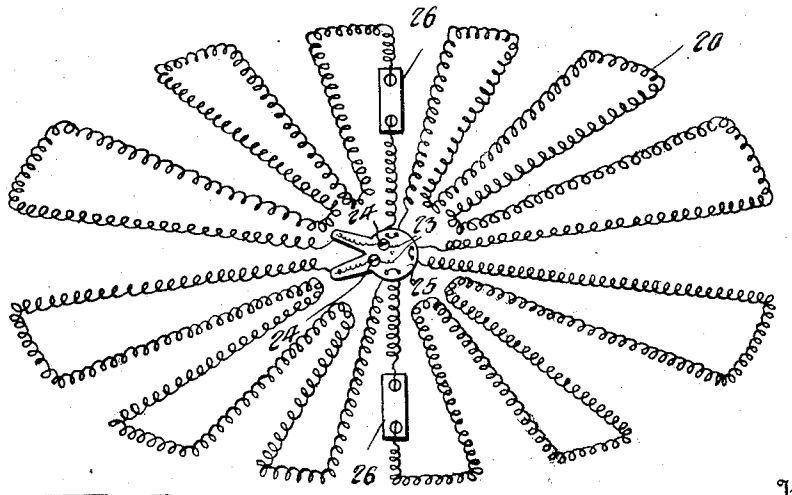


FIG. 6.

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UNITED STATES PATENT OFFICE

WALTER GEORGE JOHNSON, OF NEW ORLEANS, LOUISIANA

ELECTRIC HAIR-PRESSING CAP

Application filed March 28, 1929. Serial No. 350,640.

This invention relates to an electric hair pressing cap or means whereby after the hair is washed and greased or dressed, the same may be maintained in an air-tight space and heated so that oxidation will take place and the hair and scalp heated to the desired degree so that the hair will soften and appear brilliant and glossy.

A prime object is to provide a novel form of bath, skull or other cap which will be more efficient and well fitting.

It is further aimed to provide a novel construction of cap arranged to fit the head, in which the body is flexible, the outer portion being preferably of rubber, and which body has heating means arranged within the same, under thermostatic control, and adapted for connection with any suitable source of electric energy.

Additional objects and advantages will become apparent from a consideration of the description following taken in connection with accompanying drawings illustrating an operative embodiment.

In said drawings:—

Figure 1 is a plan view of the cap constructed in accordance with my invention,

Figure 2 is a side elevation of said cap,

Figure 3 is a longitudinal sectional view taken on the line 3—3 of Figure 1,

Figure 4 is a side elevation of the second form of the cap wherein electric heating means is used,

Figure 5 is a central longitudinal sectional view through the cap of Figure 4, and

Figure 6 is a diagrammatic plan view showing the arrangement of the heating means for the cap of Figures 4 and 5.

Referring specifically to the drawings and first to the form of the cap shown in Figures 1 to 3, the same is generally concave and of a shape to intimately fit the top of the human head so as to completely and substantially enclose the hair thereon. This cap has an outer body 10 primarily made of pliable rubber composition, molded or otherwise formed into shape so that the cap may be readily collapsed to occupy minimum space. Exteriorly, the body 10 is reenforced by a marginal rib 11 and intersecting longitudinal and transverse ribs 12 and 13, all being preferably integral with the body 10 and meeting at their intersections as at 14.

Such body 10 is interiorly lined with silk or other textile fabric or material as at 15, which is secured in place in any appropriate way as by means of cementing it to the body 10.

Centrally of the cap, a metallic eyelet 16 passes through the body 10 and lining 15 providing a vent space 17. The ends of the eyelet 16 are upset as at 18 both interiorly and exteriorly of the cap whereby it is effectively held in place.

The cap described is worn for the usual purposes as a pressing cap or skull cap but is better fitting and impervious to air and moisture.

In the form shown in Figures 4, 5 and 6, substantially the same form of the cap is used as in the preceding figures and accordingly corresponding parts have similar or corresponding reference characters applied thereto. However between the lining 15 and body 10, layers of asbestos 19, coextensive with the surface of the body and lining are interposed between the same and in spaced relation, accommodating between the asbestos sheets 19, a suitable heating coil as generally and conventionally shown at 20 in Figure 6. To accommodate such heating coil and asbestos sheets 19 between the lining and body 10, the latter has an inwardly extending flange 21 integral with it at the base or lower edge.

At the top, in lieu of the portion 14 of the preceding form, a hollow tip 14^a is provided through which an electric cord 22 passes, having wires or conductors therein at 23 for connection to binding posts 24 carried by a plate 25 of insulation, fastened to the outer layer or sheet 19 of asbestos and accommodated within the tip 14^a. The heating element 20 includes preferably one or more rheostats 26 adapted to open at a predetermined degree of heat so as to prevent undue heating of the hair and scalp when worn.

The cord 22 leads from a plug 27 adapted to be connected in any suitable electric light socket or source of electric energy and the

cord 22 includes an electric switch 28 therein of any conventional form, whereby the wearer of the cap has within reach a means for readily turning on and off the electric current and also whereby an attendant may also operate the switch if desired.

Various changes may be resorted to provided they fall within the spirit and scope of the invention.

I claim as my invention:—

A cap of the class described conforming substantially in shape to the skull comprising an outer body of rubber, a lining, sheets of asbestos between the lining and rubber, an electrical heating element between the sheets of asbestos, a plate fastened to one of the sheets of asbestos having binding posts for the heating element, a hollow tip integral with the rubber body, and a conductor passing through the tip to said binding posts.

In testimony whereof I affix my signature.

WALTER GEORGE JOHNSON.