April 30, 1929. T. H. LARSON 1,710,882

SCALP TREATING DEVICE

Filed Feb. 3, 1928

Fig. 1

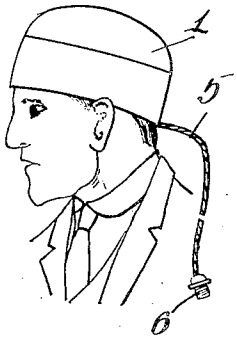


Fig. 4

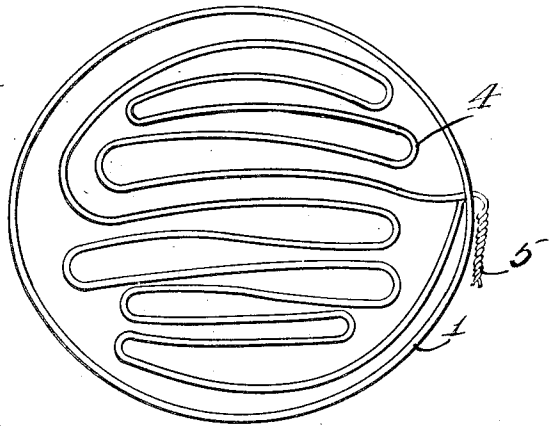


Fig. 3

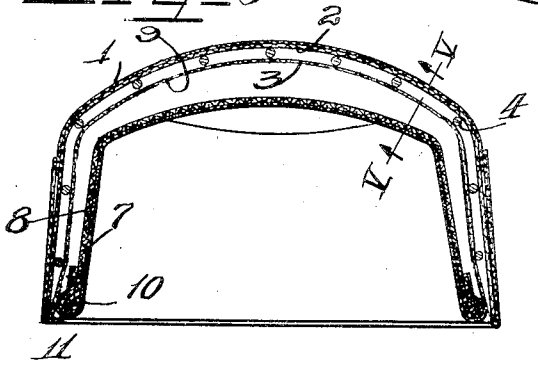


Fig. 2

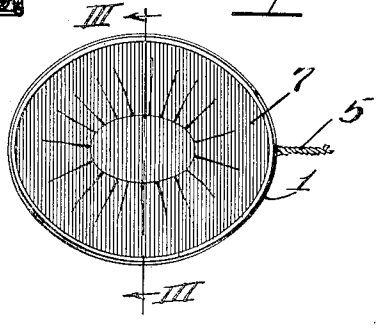
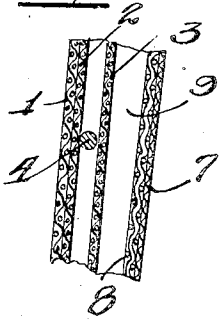


Fig. 5



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UNITED STATES PATENT OFFICE.

THEODORE H. LARSON, OF CHICAGO, ILLINOIS.

SCALP-TREATING DEVICE.

Application filed February 3, 1928. Serial No. 251,490.

This invention relates to an improved scalp treating device adapted for the treatment of dandruff, falling hair and other scalp diseases which are primarily due to improper nourishment of the scalp.

The improved device embodies a head covering which is electrically heated and is provided with a heat distributing chamber within an inner hood, which serves as a means whereby the heat from the heating element is permitted to be evenly distributed to the scalp to cause an active hyperæmia of the scalp to be produced.

Other and further important objects of this invention will be apparent from the disclosures in the specification and the accompanying drawings.

This invention (in a preferred form) is illustrated in the drawings and hereinafter more fully described.

On the drawings:

Figure 1 illustrates a person wearing a scalp treating device embodying the principles of this invention.

Figure 2 is a bottom plan view of the cap.

Figure 3 is an enlarged transverse section taken on line III—III of Figure 2.

Figure 4 is an enlarged interior view of the device with parts removed to show the electric heating element.

Figure 5 is an enlarged fragmentary detail section taken on line V—V of Figure 3.

As shown on the drawings:

Figure 1 illustrates the head of a man wearing an improved scalp treating hood or cap embodying the principles of this invention. The device comprises an outer hood or cap 1, preferably made of black Skinner's satin or other suitable material, and having two buckram linings 2 and 3. The two layers of buckram are separated by an electric heating element 4, the terminals of which are connected to form a cord 5. The other end of the braided cord 5 is provided with an electric plug 6 of any standard type, adapted to fit into a standard electric light socket.

The interior of the hood is provided with a colored silk inner lining 7. The inner silk lining 7 is mounted on the inside of a stiff intermediate comparatively thick buckram lining 8, which is positioned within the main body of the hood and is spaced from the innermost buckram lining 3 to afford a heating chamber 9 between the buckram linings 3 and 8, as clearly illustrated in Figure 3.

The margins of the silk lining 7 and the intermediate buckram lining 8 are curled outwardly and upwardly around a stiffening cord 10, and form a rolled cushion around the interior of the lower portion of the treating device adapted to snugly fit around the head of a wearer whose scalp is to be treated.

The completed device comprises a neat appearing headgear or cap adapted to be conveniently worn upon the head of a person to cover the scalp and hair. The electric plug 6 is adapted to be engaged in a standard electric light socket to permit an electric circuit to be circulated thru the heating element 4 to heat the same. The heat rays thus resulting from the electric heating element are adapted to penetrate thru the inner buckram lining 3 along the lines of the different convolutions of the heating element 4 to heat the air within the chamber 9, so that the heat emanating from the heating element is evenly distributed thru the intermediate stiff buckram lining 8 and then passes thru the silk lining 7 to apply heat evenly to the scalp of a person wearing the cap. An active hyperæmia of the scalp is thus produced without any irritation of the epidermis or outer layer of the scalp skin.

I am aware that many changes may be made, and numerous details of construction may be varied through a wide range without departing from the principles of this invention, and I, therefore, do not purpose limiting the patent granted hereon otherwise than necessitated by the prior art.

I claim as my invention:

1. A scalp treating device comprising an outer cap, a plurality of spaced buckram linings therein, a heating element between said buckram linings, a stiff intermediate buckram lining positioned to the inside of said pair of buckram linings and spaced therefrom to provide a chamber within said device inwardly of said heating element, and an inner lining for the device positioned within said stiff intermediate buckram lining, the margins of said intermediate and said inner lining being rolled to provide a pad for supporting the device on the head of a patient.

2. A scalp treating device comprising an outer cap, a heating element mounted therein, a stiff buckram lining mounted within said cap and spaced from said heating element to afford a heat equalizing chamber within the device, a finishing lining within said stiff buckram lining and a pad about the lower margin of said device for supporting the device on the head of a patient.

3. A scalp treating device comprising an outer covering, a heating element mounted therein, a stiff intermediate lining forming an inner hood within said covering, a finishing lining within said inner hood with the margins of said inner hood and said inner lining being rolled to form a cushion within said covering adapted to space the inner hood from the heating element and afford a heat equalizing chamber within said covering, and means extending thru said cushion to reinforce the same.

4. A scalp treating device comprising an outer hood, a stiff inner hood therein and separated therefrom to afford a chamber within the device, a heating element within said outer hood spaced from said inner hood, and a finishing lining within said inner hood.

5. A scalp treating device comprising an outer hood, a stiff inner hood mounted therein and spaced therefrom to afford a heat equalizing chamber within the device, a heating element mounted within said outer hood and spaced from said inner hood, and means for connecting said heating element to a source of electrical energy.

In testimony whereof I have hereunto subscribed by name at Chicago, Cook County, Illinois.

THEODORE H. LARSON.