

F. G. DAGGETT & E. G. SLINGHART.

HAIR GROWING DEVICE.

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938,125.

Patented Oct. 26, 1909.

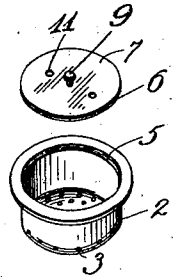


FIG. 2

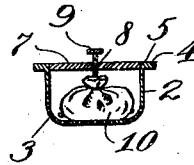


FIG. 3

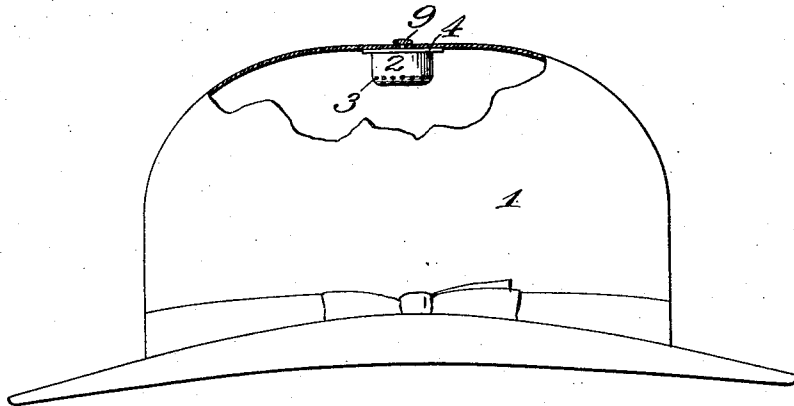


FIG. 1

WITNESSES:

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UNITED STATES PATENT OFFICE.

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HAIR-GROWING DEVICE.

938,125.

Specification of Letters Patent.

Patented Oct. 26, 1909.

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To all whom it may concern:

Be it known that we, FRANK G. DAGGETT and EDWARD G. SLINGHART, citizens of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented a certain new and useful Improvement in Hair-Growing Devices, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings.

This invention relates to devices which may be attached to hats for the purpose of overcoming the injurious effects produced by lack of circulation therewithin on the heads of the wearers. As is well known, a fruitful source of loss of hair is the lack of ventilation or circulation of air within hats. The warmth of the head soon heats the air within the hat and the presence of this warm air in contact with the scalp causes the hair to lose its vitality and to fall out. It has been proposed to overcome this objection to the use of hats by providing the same with ventilating apertures. This, however, detracts from the appearance of the hat and, in cold weather, is not only uncomfortable to the wearer, but is productive of colds.

It is the object of this invention to provide an attachment which may be conveniently applied to and removed from a hat, which will not mar the appearance of the hat, and which will obviate the necessity for ventilating apertures, while securing all the benefits produced therefrom with none of the drawbacks incidental thereto.

A further object of the invention is to produce a device of this kind which is extremely light and compact and which, when applied to hats, will not materially increase the weight thereof.

In the drawings forming part hereof, Figure 1 represents a side elevation of a hat, a portion of the crown being broken away to show the manner in which our attachment is applied thereto; Fig. 2 represents a perspective view of the receptacle which is applied to the crown or body of the hat, the cover being removed; and Fig. 3 represents a sectional view through the complete attachment.

Describing the parts by reference characters, 1 represents a hat having an unventilated body to which our device is attached. This device comprises a receptacle having perforations therein and provided with

means for attaching the receptacle to the body or crown of the hat, together with a sack or container for material in a dry or powdered form capable, when heated or moistened of evolving oxygen. This material will be preferably a mixture of chlorate of potash and manganese dioxid.

2 denotes the body of the receptacle, the same being provided in its lower portion with apertures 3 and having at its upper end an outstanding flange 4. The upper end of the receptacle 2 is provided with an internal thread 5 for the reception of the external thread 6 of a cover 7. This cover is provided in the central portion thereof with a threaded aperture 8 for the reception of a small screw 9.

10 denotes a small sack which can be inserted into the receptacle 2 and which contains suitable ingredients, in dry form, for the liberation of oxygen. The sack 10 having been inserted into the receptacle cover 7 is screwed in place. For convenience of assembling, the cover may be provided with apertures 11 for the application of a wrench thereto. A small perforation is made in the crown of the hat for the screw 9. This screw is inserted from the outside of the hat body and is screwed into the aperture 8 in the cover 7. The flange 4 will bear firmly against the hat body, thereby resisting any tendency of receptacle 2 to become detached from screw 9 and also preventing the receptacle from oscillating within the hat. The head of screw 9 will be japanned or otherwise colored to correspond to the color of the hat with which the device is to be employed. Receptacle 2 and cover 7 will be preferably made of hard rubber.

In operation, the warmth and moisture of the head heats and moistens the air confined within the hat and gradually evolves oxygen from the ingredients contained within the sack 10. This nascent oxygen or ozone circulates through the apertures 3 and oxygenizes the air within the hat body. The presence of this nascent oxygen in the air not only secures all the good effects which are obtained by ventilation, but stimulates the growth of the hair and acts as a germicide; at the same time the ill effects which may follow from ventilation in cold weather are obviated.

The attachment is light, simple in construction, may be easily applied to and removed from a hat without any external in-

dication of its presence, while the additional weight due to its use is negligible.

Having thus described our invention, we claim:

- 5 1. The combination, with a hat body, of a perforated receptacle having its upper end provided with an outstanding flange, a cover removably fitted to the upper end of said receptacle within said flange, and a screw extending through the hat body and threaded into said cover.
- 10 2. The combination, with a hat body, of a perforated receptacle having an open end, a cover detachably fitted to said receptacle,

means extending through the hat body and 15 operatively engaging the cover for retaining the receptacle in place, and material in said receptacle adapted to be decomposed at the temperature of the air within the hat body.

In testimony whereof, we hereunto affix 20 our signatures in the presence of two witnesses.

FRANK G. DAGGETT.
EDWARD G. SLINGHART.

Witnesses:

J. B. HULL,
H. MILLER.