

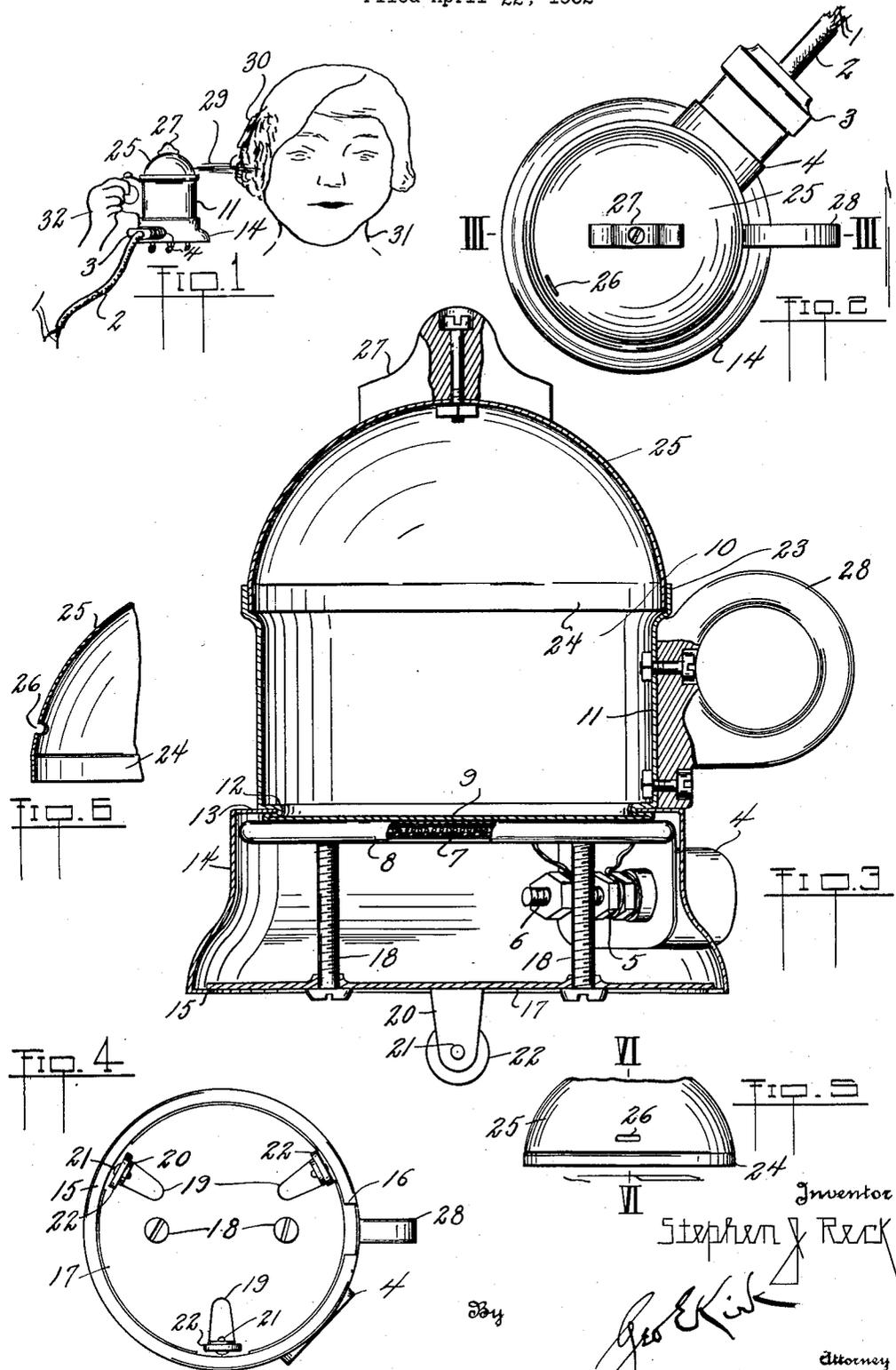
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TOILET ACCESSORY

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TOILET ACCESSORY

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This invention relates to vaporizers.

This invention has utility for generating and permitting directed delivery of fumes or humidity upon the person of an individual for health treatment of a body part or even for a scalp or hair treatment. In treating hair which has been given treatment for establishing a condition as of curl or waving, exposure to warm moisture not to effect burning promotes reverting of the hair to the condition established by the treatment.

Referring to the drawing:

Fig. 1 is a view of an embodiment of the invention in use as a hair steamer;

Fig. 2 is a plan view of the device of Fig. 1;

Fig. 3 is a section on the line III—III, Fig. 2;

Fig. 4 is a bottom plan view of the device of Fig. 3;

Fig. 5 is a fragmentary view of a side of the dome showing the port in front elevation; and

Fig. 6 is a section on the line VI—VI, Fig. 5.

Electric current supply lines 1 in conduit 2 extend to fitting 3 which, as inserted in socket 4, supplies electric current from terminals 5, 6, to the resistance 7 in chamber 8, there to serve as a heating medium. This chamber 8 is snugly located against bottom 9 of boiler or liquid containing chamber 10. This chamber 10 has side walls 11 terminating in a return bend or bead 12 interlocking with inwardly extending flange 13 of base 14. This base 14 at its lower portion has inwardly extending flange 15 with opening 16, so that lug carrying member or plate 17 may be assembled on the flange 15 by bayonet turn joint, and there carry screws 18 adjustable to locate the chamber 8 and the heating element 7 in position against the bottom 9 of the chamber 10.

This plate 17 has openings 19 therein, out of which are bent up ears 20, in which are mounted pins 21 carrying insulation disks 22 as feet for this device.

The side walls 11 of the chamber 10 upwardly terminate in outwardly offset portion 23 providing a seat in which may be

inserted lower rim 24 of dome 25. This dome 25 has therein a slot 26 as a port of greater dimension parallel to the bottom 9 than perpendicular to the bottom 9. The dome 25 has fixed therewith insulation handle 27. In practice this handle 27 is slightly offset from alignment with the port 26 and is desirably aligned with handle 28 mounted with the side walls 11 of the chamber 10. These handles 27, 28, may be of insulation material so that heat is not readily conducted to the operator. In this assembly for alignment of the handles 27, 28, it is convenient to have the socket 4 slightly offset to approximate opposite relation to the port 26. There is thus a convenient assembly for directing vapors generated in the chamber 10 to flow as a flat jet or spray 29 to lodge in hair 30 of the individual 31.

In the use of the device hereunder, the one to take the treatment may estimate the time interval to be consumed in giving the hair the re-curling treatment by moisture. This may be by placing, say two or three tablespoonfuls of water in the chamber 10. With the electric energy source connected up, at once steam begins to flow from the port 26 in a flat fan-shaped jet, the operator may, by hand 32, grasp the handle 28 and direct the supply or jet 29 over the region to be treated.

The volume of the dome 25 and its configuration are factors in reducing condensation, and holding the vapors for a slight positive pressure. This means that as the vapor passes through the port 26, it is expanded and thereby dries itself. This drying action is one of effectiveness even though the pressure be but slightly above atmospheric, and there is entire absence of chilling duct or nozzle extent. This is a very material factor against burning or creating discomfort to the one being treated, for the entrained vapor is of a uniformly minute dimension. It is effective to warm and permeate into the hair without deposit of drops of liquid or moisture on the hair.

There is accordingly absence of hot water or any burning sensation therefrom. The directed delivery may be from four to six

or eight inches. The treatment may be not only with water, but may be medicated, or other than water may be used for the medium which is to be the source of the vapor or fumes directed hereunder.

5 In practice it is desirable the liquid, when water, be introduced in volume not to extend up greater than one third the height of the side wall 11.

10 What is claimed and it is desired to secure by Letters Patent is:

1. The method of steaming hair comprising providing a liquid supply in a boiler, heating the liquid in said boiler to convert such into a vapor under pressure, discharging said vapor in a thin restricted jet directly from said boiler, and progressively directing said jet along the hair.

2. Apparatus for delivering vapor medium embodying a generator chamber, and means for heating said chamber, said chamber having a dome, there being a relatively small fixed port laterally through said dome of greater dimension one way than the other.

3. A hair steamer embodying an electric heater base, a chamber thereover having a dome, there being a port slot laterally from the dome, and a handle connected to the chamber on the opposite side from the port.

30 In witness whereof I affix my signature.
STEPHEN J. RECK.

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