

H. A. GREENAWALT.
ELECTRICAL BATH CABINET.
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1,436,090.

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Fig. 1.

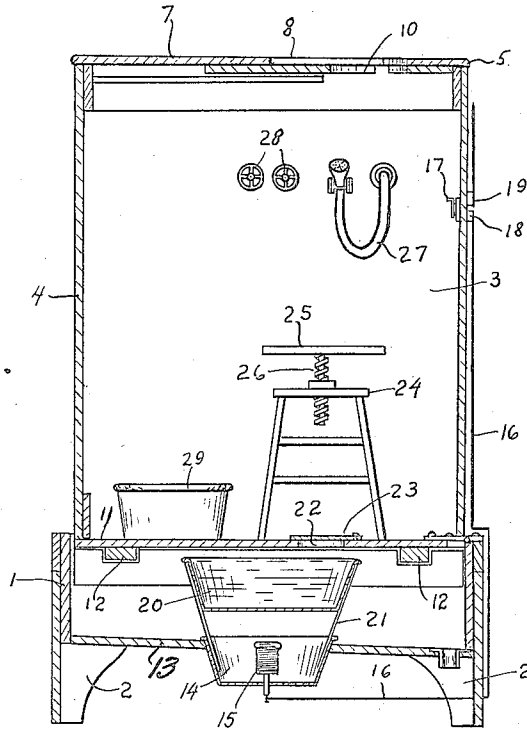
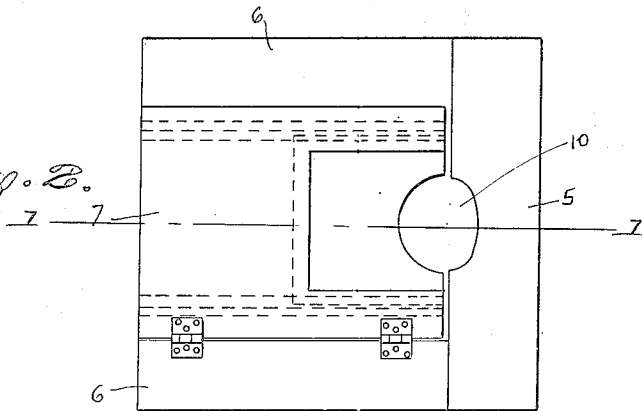


Fig. 2.



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ELECTRICAL BATH CABINET.

Application filed December 29, 1920. Serial No. 433,780.

To all whom it may concern:

Be it known that I, HARRIET A. GREENAWALT, a citizen of the United States, residing at Milledgeville, in the county of Carroll and State of Illinois, have invented certain new and useful Improvements in Electrical Bath Cabinets, of which the following is a specification.

My invention has reference to electrical bath cabinets, and is specially designed for use in private homes, and other places where a simple, compact, and inexpensive device of this kind is desired. By supplying heat thereto electrically all of the obnoxious fumes which are common to cabinets heated by gas or other fuel are eliminated.

Another advantage of the invention consists in the possibility of providing a supply of hot air alone, or hot air and medicated vapor at the same time, and distributing the same so as to be most effective to the occupant thereof. In many devices of this kind hot air only is supplied, while in others a vapor is produced for a time, then discontinued, and replaced by the heated air.

Another advantage consists in the arrangement of the cabinet so that all of the control devices are within reach of the occupant, permitting the heat to be turned off or on, or hot or cold water to be supplied for spray purposes, from the interior of the cabinet, doing away with the necessity of having an assistant or attendant.

A further purpose of the invention is to provide a compartment which can be opened so that there will be no obstruction to the entrance of the user into the cabinet or his departure therefrom. The parts of the cabinet are also detachable, so that they can be readily taken apart for shipment. The heating and vaporizing devices are in a separate compartment in the lower part of the cabinet, and can be easily reached for the purpose of removal or attention. The cabinet is preferably formed of wood, but it can be made of metal or other material if desired. It is of the upright type of cabinets, and so constructed as to occupy a minimum of space in a room, making a desirable bathroom accessory.

The above-named, and other features and advantages of the invention will be more

fully understood from the following specification, reference being had to the accompanying drawings, in which;—

Fig. 1 is a vertical section on the line 1—1 of Fig. 2.

Fig. 2 is a top plan view of the device.

1 represents a base, supported on legs 2, above which base is a compartment 3, removably mounted thereon, and provided in its front face with a door 4, hinged at one side and extending from top to bottom of the cabinet. The top of the compartment is formed by a cross-piece 5, and side pieces 6, between which is supported a cover 7, having a hinged connection with one of the pieces 6. Such cover can thus be turned over to one side leaving a large part of the top open, and if at the same time the door 4 is opened there is nothing to interfere with the ingress or egress of a person to or from the compartment. A board 8 is slidable in guides 9 on the cover 7, the rear end of such board being provided with a neck opening 10, a portion of which is formed in the cross-piece 5.

Supported on the base 1, so as to form a floor for the compartment 3, is a platform 11, by means of cross-pieces 12, the ends of which are held in recessed portions of the base. At its rear end the platform has a hinged connection with the base, and openings are provided in the front and rear ends of said platform. Beneath the platform is a floor 13, sloping toward the rear and provided at that point with an outlet. The floor 13 is preferably formed of sheet metal.

Centrally of the floor 13 is an opening in which is held a heating device 14, having upwardly and outwardly flaring sides, and provided with an electrical heating point or element 15, connected by wires 16 with a switch 17 on the interior of the compartment 3, at a point convenient to the occupant thereof. Connection between the wires and switch is preferably made by means of a plug 18, so that such parts can be disconnected when it is desired to separate the cabinet from its base. Connection is similarly made through a plug 19 with an electric system or source of electrical power, whereby a suitable current can be supplied to the point 15, under the control of the switch 17. When the point

15 is energized the heat produced thereby passes upwardly and out of the openings at the sides and ends of the platform 11.

Mounted above the part 14 is a receptacle 20, held in place by means of arms 21 secured in the part 14, and bearing at their upper ends against the rim of the vessel 20. When such vessel is supplied with suitable liquids the heat from the element 15 causes the same to vaporize and pass upwardly round the sides of the platform, moistening the air in the compartment and charging it with such medicinal properties as may be desired. When it is desired to supply the compartment with heated air alone, the receptacle 20 is removed. This can be readily accomplished by raising the front end of the platform 11. If it is desired to replenish the supply of liquid in the receptacle 20 this can be done without raising the platform, by means of an opening 22 therein normally closed by a shutter 23, pivoted at one side of the opening.

For the convenience of the occupant of the cabinet a stool 24 is provided, preferably fitted with a separate seat 25, having a threaded standard 26 for mounting in a bearing in the part 24. The seat can thus be adjusted for persons of different heights.

Arranged in one side of the wall of the compartment 3 is a spraying device, with hot and cold water controls 28. These are also convenient to the use of the occupant of the cabinet.

In using the cabinet the door 4 is opened and the cover 7 tipped to one side. The user then enters and seats himself, closes the door, and turns the cover section 7 inwardly, with the slide 8 in a forward position. Next he moves such slide rearwardly until his neck is enclosed thereby, making the cabinet prac-

tically air-tight, and fitted to retain the heat and vapors produced therein. If at any time the heat becomes too intense it can be modified by cutting out the electrical current or opening the slide a little ways. To leave the cabinet the operator first moves the slide 8 forwardly, then opens the cover 7, and lastly opens the door 4.

It has been found to be conducive to producing a perspiration for the feet of the bather to be immersed in hot water, and I have therefore shown a small bath tub 29 in Fig. 1 of the drawings, which may be employed for that purpose.

After the occupant of the cabinet has been subjected to a thorough treatment of the heat or heat and vapor combined, the spray is made use of for the purpose of removing all accumulations from the body, the water passing downwardly to the floor 13, and outwardly therefrom to a receptacle or drain.

The metal parts of the device are preferably nickel-plated, and the heater 14 and receptacle 20 formed of aluminum.

What I claim and desire to secure by Letters Patent, is:

A device of the class described, comprising a suitably mounted base provided in its lower part with a drain floor; a platform in the upper part of said base, hinged thereto at its rear edge, and spaced apart therefrom at its sides; a cabinet removably supported on said base, and provided in one of its sides with a hinged closure; a top for said cabinet provided with a central hinged section; and a heating device supported in said base and provided with means for control thereof from within the cabinet.

In testimony whereof I affix my signature.

HARRIET A. GREENAWALT.