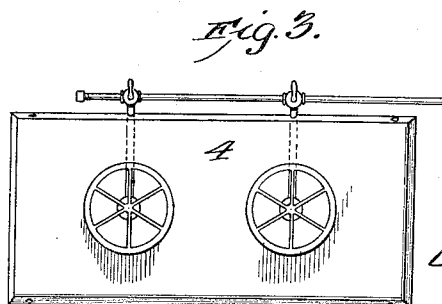
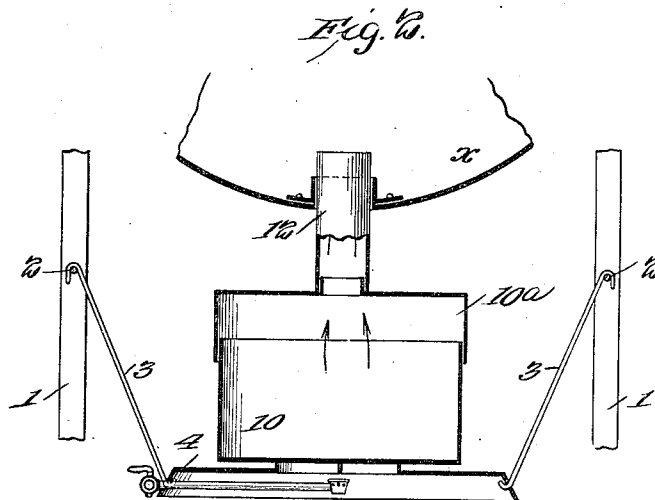
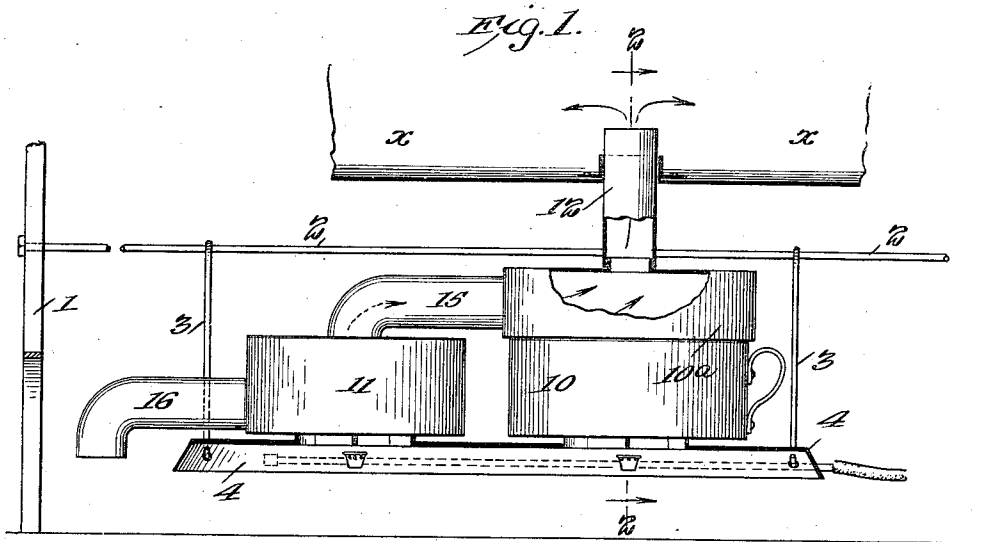


B. J. DIBBLE.
VAPORIZING AND AIR HEATING ATTACHMENT FOR BATH CABINETS.
APPLICATION FILED JULY 5, 1911.

1,016,873.

Patented Feb. 6, 1912.



WITNESSES
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BERT J. DIBBLE, OF DENVER, COLORADO.

VAPORIZING AND AIR-HEATING ATTACHMENT FOR BATH-CABINETS.

1,016,873.

Specification of Letters Patent.

Patented Feb. 6, 1912.

Application filed July 5, 1911. Serial No. 636,906.

To all whom it may concern:

Be it known that I, BERT J. DIBBLE, a citizen of the United States, and a resident of Denver, in the county of Denver and State of Colorado, have invented an Improved Vaporizing and Air-Heating Attachment for Bath-Cabinets, of which the following is a specification.

My invention is designed as an attachment for cabinets used for administering vapor baths, and the apparatus is in the nature of a heater adapted for generating steam or medicated vapors and directing them into the cabinet. The attachment is portable and, in practice, is suspended beneath the cabinet.

The invention is fully described hereinafter, and illustrated in the accompanying drawing, in which—

Figure 1 is in part an elevation and in part a vertical section of my improved apparatus applied to and suspended from a bath cabinet. Fig. 2 is a transverse section on the line 2—2 of Fig. 1. Fig. 3 is a plan view of the heating plate or table constituting a part of the attachment.

As before intimated, my invention is used as an attachment of a bath cabinet or a box-like inclosure which is suitably constructed to receive the body of a person and allow the patient to sit or recline while being exposed to radiated heat or the action of steam or hot air for sanitary or therapeutic purposes.

In the drawing, α indicates a part of the bottom of such a cabinet and my improved attachment is shown suspended from the base portion of a frame whereon the cabinet proper is detachably supported. That is to say, in Figs. 1 and 2 there are certain posts 1 connected by horizontal rods 2 from which my improved vaporizing attachment is suspended by means of rods 3 whose upper ends engage the wires 2, their lower ends being also attached to the horizontal heating plate 4 constituting the base of my attachment. As shown in Figs. 1 and 3, the plate 4 is provided with two openings in which the burners are properly arranged. On said plate are supported the vapor generator 10 and the air heater 11 which I employ. The generator 10 is a cylindrical vessel provided with a cover 10^a from which a vertical pipe 12 extends upward through the bottom of the bath cabinet α . The receptacle 10 is provided with a handle for

convenience in manipulation. It is connected by a curved pipe 15 with the other and smaller drum 11 and the latter is in turn provided with a similar laterally extended pipe 16 which serves for the introduction of air.

A due quantity of water being placed in the receptacle 10 and heat applied, steam will be generated and pass up through the pipe 12 into the bath cabinet.

Any suitable substance which may be properly employed for producing a medicated vapor may be placed in the receptacle 10, and thus a medicated vapor will be discharged into the bath cabinet. The air entering the drum 11 through the pipe 16 and becoming heated therein passes through the upper pipe 15 into the top portion of the vaporizer 10 and therein mingles with the steam or medicated vapor and passes on therewith into the bath cabinet. In brief, it will be understood that upon lighting the burners of the heating apparatus proper, both the receptacle 12 and the drum 16 will be heated and that thereby the vapor generated in one, whether pure steam or medicated vapor, will be discharged into the cabinet along with an admixture of hot air in such quantity as may be required.

It is apparent that both the receptacle 10 and air drum 11 may be heated simultaneously, or either may be heated alone according to conditions.

The cabinet is provided with a collar where the pipe 12 passes therethrough, for the purpose of preventing water from escaping at that point.

What I claim is:—

1. The improved attachment for bath cabinets, comprising a vaporizer having a pipe extending into the cabinet, an air-heating drum, and a pipe connecting it with the vaporizer and provided with a lateral air inlet, and a heating apparatus proper on which said receptacle and drum are supported, substantially as described.

2. The improved attachment for the purpose specified, comprising a vaporizer proper having a pipe for conducting vapors into a bath cabinet, an air-heating drum and a pipe connecting it with the vaporizer, a plate provided with heating devices proper whereon the vaporizer and drum are supported, and means for suspending the apparatus beneath the cabinet, substantially as described.

3. The combination with a bath cabinet

and a frame for supporting the same, of a detachable portable vaporizing and heating attachment comprising a vaporizer proper having a pipe extending into the cabinet, an
5 air-heater and drum and a pipe connecting it with the vaporizer, said drum having a lateral pipe for introduction of air, a plate provided with openings and burners arranged therein beneath the vaporizer and
10 air-drum respectively, and means for suspending the entire vaporizing and heating attachment from the frame of the cabinet, substantially as described.

4. The improved heating attachment, com-

prising a vaporizer, an air heating drum, a 15 pipe connecting the same at the top, a lateral pipe extending from the lower portion of the drum for inlet of air, burners for heating the vaporizer and drum, and means for supporting the vaporizer and drum, substantially as described. 20

In testimony whereof I affix my signature in the presence of two witnesses.

BERT J. DIBBLE.

Witnesses:

RENA A. WOLZ,
JOHN PAUL LEE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents
Washington, D. C."
