

March 3, 1936.

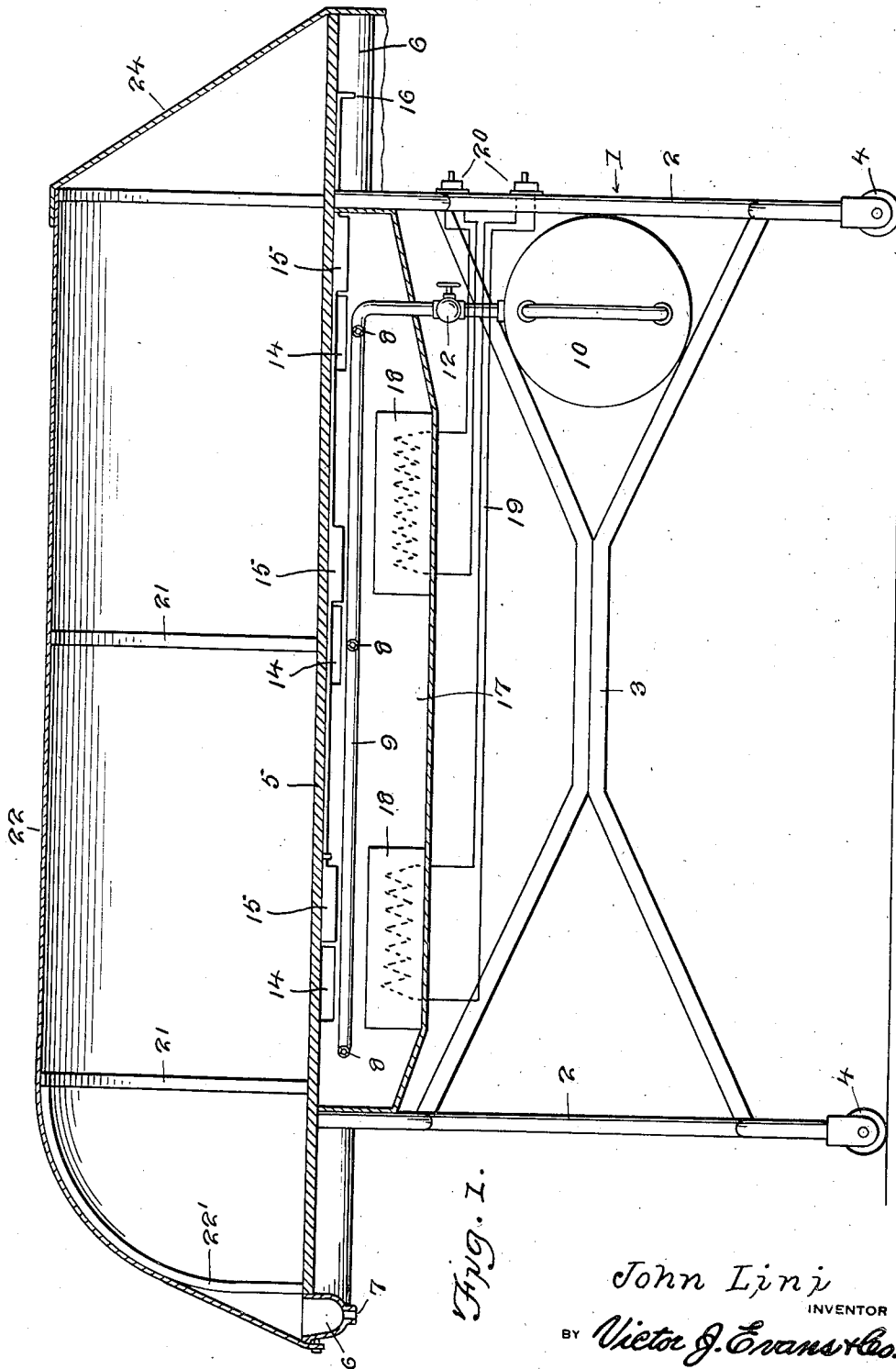
J. LINI

2,033,040

PORTABLE BATH

Filed April 26, 1935

2 Sheets-Sheet 1



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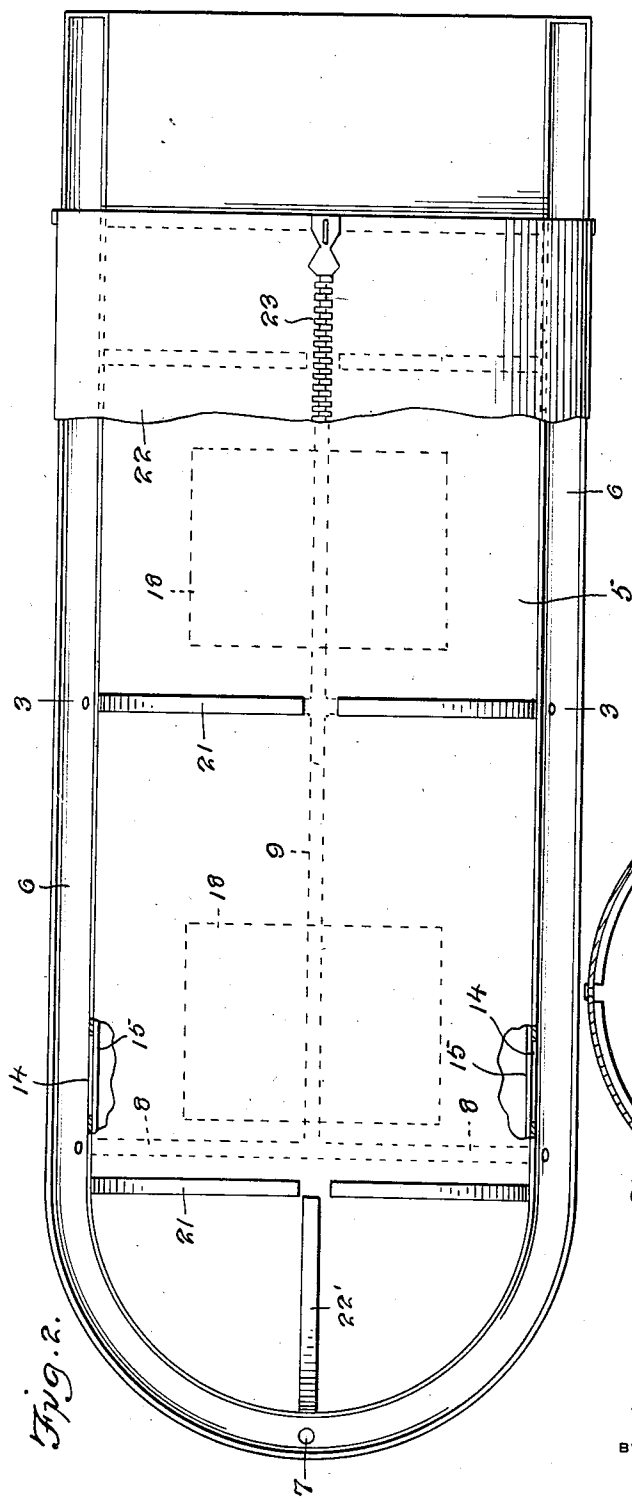
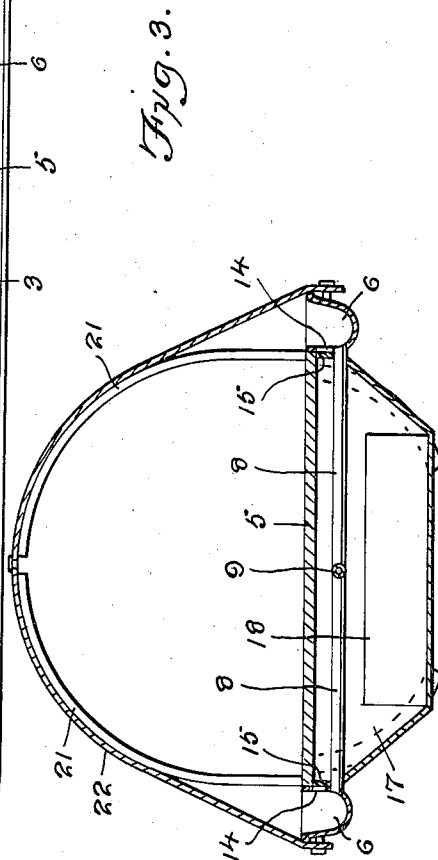
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UNITED STATES PATENT OFFICE

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PORTABLE BATH

John Lini, Trenton, N. J.

Application April 26, 1935, Serial No. 18,449

2 Claims. (Cl. 4-163)

This invention relates to portable baths especially adapted for treatment of persons and has for the primary object the provision of a device of this character which is inexpensive to manufacture and to operate for the purpose of providing vapor or dry heat baths or treatments to a person while in a reclining position and which may be moved from one place to another while occupied or non-occupied.

With these and other objects in view, this invention consists in certain novel features of construction, combination and arrangement of parts to be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawings, in which

Figure 1 is a vertical sectional view illustrating a portable bath constructed in accordance with my invention.

Figure 2 is a top plan view partly broken away illustrating the device.

Figure 3 is a transverse sectional view taken on the line 3-3 of Figure 2.

Referring in detail to the drawings, the numeral 1 indicates a stand or support including vertically arranged legs 2 reinforced by braces 3. The legs 2 are equipped with rollers 4 at their lower ends permitting the stand or support to be readily moved from one place to another.

Mounted upon the stand or support is a horizontally arranged board or rest 5 on which a person may lie or recline. One end of the board or rest 5 is rounded, as shown in Figure 2. The ends of the rest or board protrude or project beyond the stand or support. The non-rounded end of the board or rest is the head portion while the rounded portion is the foot portion for a person when in a reclining position. A trough 6 is arranged at the opposite side edges and the rounded end of the board or rest and is provided at the rounded end with a drain opening 7 which may be positioned over a drain or sink for carrying off condensation or liquid. Connected to the trough, at spaced intervals, are branch steam pipes 8 which are connected to a main steam pipe 9 leading to a boiler 10 mounted on the support or stand 1. The boiler 10 is of any conventional construction and is heated in any well known manner. The steam pipe 9 has therein a control valve 12.

The side portions of the trough 6 are provided with slots 14 opened and closed by slides 15 actuated by control mediums 16. The slots 14 communicate the trough with a heat chamber 17 arranged under the board or rest 5 and in which is

located electrical heating elements 18, the circuits of which are shown at 19. The circuits have therein control switches 20 carried by the support or stand 1. The electrical heating elements 18 are for the purpose of generating a dry heat while the steam arrangement is for the purpose of creating a moist or vapor heat.

Secured to opposite sides and arranged transversely of the rest or board are spaced bowed elements 21 forming supports for a cover 22. The cover 22 is made from any material suitable for the purpose and has one end and the side edges suitably secured to the outer edges of the trough 6. The cover 22 terminates at one of the elements 21 which element is located adjacent the head rest portion of the rest or board 5 leaving one end of the cover open for the purpose of exposing the head of the person reclining on the board or rest. The closed end of the cover is supported by a brace 22'. The top portion of the cover is slit from the open end of the cover towards the closed end so that said cover may be folded off of the supporting elements 21 when desired. A zipper or similar fastener 23 is provided to the cover at the slit therein so that said cover may be drawn into covering position or opened when desired. A towel or similar device 24 may be draped over the open end so that a person's head may be covered should it be desired when giving the heat treatment.

In operation, when desiring to give a steam bath or treatment, the person assumes a reclining position upon the board or rest 5 and the valve 12 is opened admitting steam to the trough which rises within the cover 22 filling the space therein and coming in direct contact with the person. At this time the slots 14 are closed by the slides 15. The condensation of the steam passes back to the trough and drains therefrom by way of the drain opening 7. To give a dry heat treatment, the slides 15 are moved to uncover the slots 14 and the electrical heating elements are set in operation so that the heat therefrom may pass through the slots 14 into the space between the cover and the rest or board 5 and in contact with the person thereon.

Having described the invention, I claim:

1. A portable bath comprising a horizontally arranged rest, a portable stand supporting said rest, a trough carried by said rest and arranged at opposite sides thereof and at one end of said rest and having a drain opening, supporting elements carried by said rest, a cover mounted on said supporting elements and having opposite

sides and one end secured to the outer edges of the trough, and means for admitting heat to the trough.

5 2. A portable bath comprising a horizontally arranged rest, a portable stand supporting said rest, a trough carried by said rest and arranged at opposite sides thereof and at one end of said rest and having a drain opening, supporting elements carried by said rest, a cover mounted on

said supporting elements and having opposite sides and one end secured to the outer edges of the trough, a heat chamber arranged under the rest, said trough having slots communicative with the heat chamber, means for opening and closing said slots, and electrical heating elements arranged in said heat chamber to generate heat for passing to the trough by way of said slots.

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