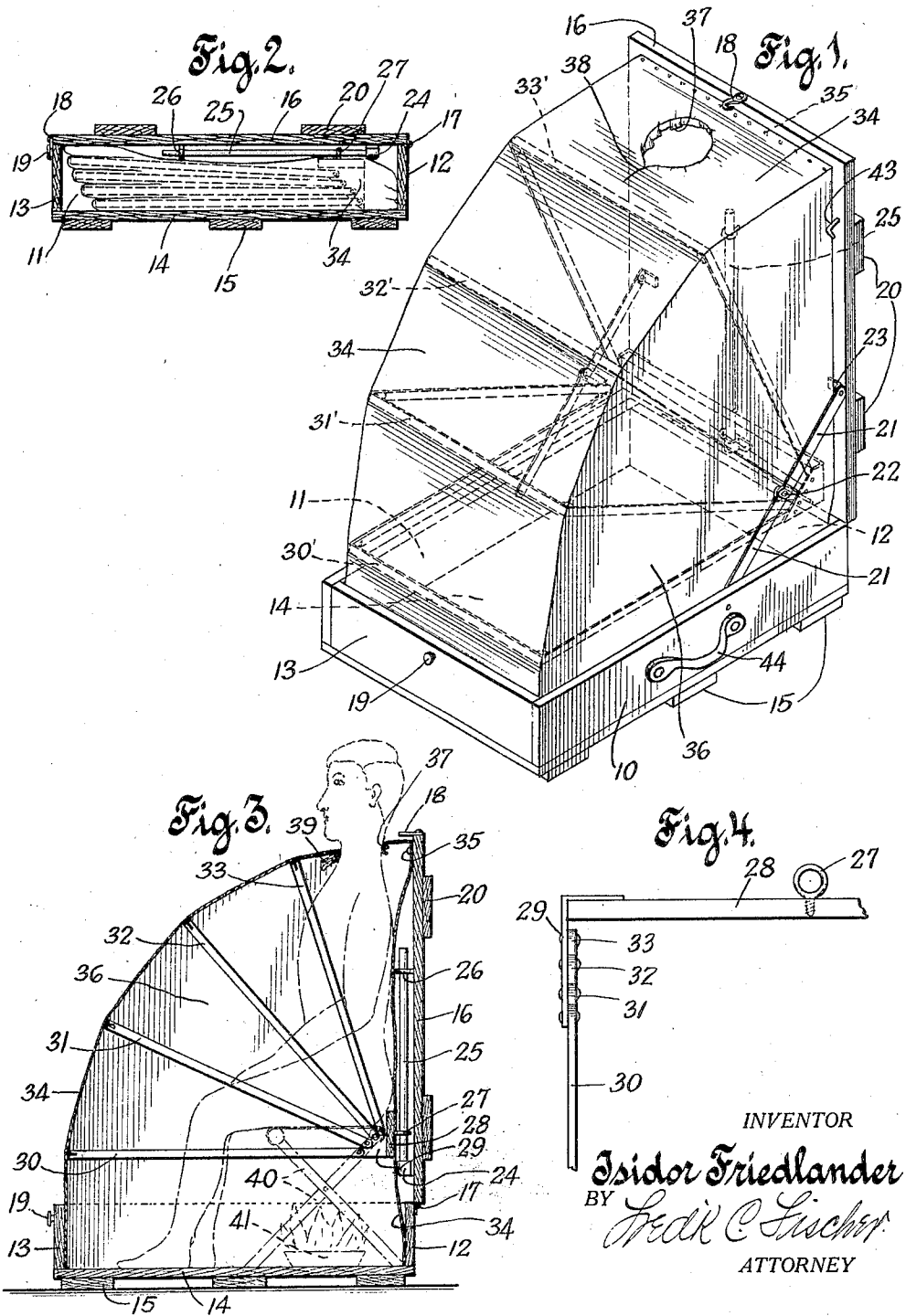


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I. FRIEDLANDER  
VAPOR OR HOT AIR BATH  
Filed March 8, 1923



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# UNITED STATES PATENT OFFICE.

ISIDOR FRIEDLANDER, OF NEWARK, NEW JERSEY.

VAPOR OR HOT-AIR BATH.

Application filed March 8, 1923. Serial No. 623,595.

*To all whom it may concern:*

Be it known that I, ISIDOR FRIEDLANDER, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Vapor or Hot-Air Baths, of which the following is a specification.

This invention relates to improvements in structures for enclosing persons while undergoing vapor or heat treatment to which their body and lower limbs are subjected.

One of the objects of the invention is to provide a commodious bath structure that can be compactly folded and moved from place to place without difficulty, the device, when so collapsed occupying a minimum of space.

Another purpose is to produce a simple structure that can be extended, adjusted and used by an individual without assistance from others and which is completely self-contained.

A further aim is in the provision of a bath apparatus that can be made at a moderate cost of readily available material.

These and other aims, objects and purposes, which will become apparent as the delineation progresses, are accomplished by the novel construction, combination and arrangement of parts hereinafter described and shown in the accompanying drawing, forming a material part of this disclosure, and in which:—

Figure 1 is a perspective view of an embodiment of the invention as extended in use.

Figure 2 is a transverse sectional view showing the parts collapsed and disposed within the casing.

Figure 3 is a vertical sectional view of the same illustrating its application.

Figure 4 is a fragmentary plan view of the ribs and their supporting frame.

The apparatus is composed of an oblong rectangular casing, resembling an open topped box, having side walls 10 and 11, end walls 12 and 13 and a bottom or flooring 14 across the outer side of which are secured transverse cleats 15 to rest upon a floor or like supporting surface.

A cover plate 16 is secured to the rear end wall 12 by hinges 17, its front edge being provided with a catch 18 engageable with a stud 19 fixed in the front wall 13 and cleats 20 are secured across the top of the plate to act as re-enforcements and prevent warping.

In order to hold the cover when raised ver-

tically a pair of straps or braces 21 are connected by hinges 22 midway in their length and pivoted at their respective ends to the inner surfaces of the side walls and angle brackets 23 fixed to the inner surface of the cover plate, the hinge joints readily yielding when it is desired to close the casing.

Secured centrally on the inner surface of the cover 16, adjacent its lower edge, is a bracket 24 in which is fixed the lower end of a rod 25, its upper end being guided by an eye 26 also fastened to the cover at a point near its upper end.

Slidably engaging the rod 25 is an eye 27 fixed centrally in a bar 28 extending nearly across the full width of the casing and having attached at its ends a pair of brackets 29 bent at right angles to present outstanding angular elements to which are pivotally engaged the inner adjacently converging lugs of ribs 30, 31, 32 and 33, connected at their outer free ends by cross ribs 30', 31', 32' and 33', forming in effect light skeleton frames, capable of being spread in the manner of a hand fan.

A strip of strong water proof textile fabric, generally designated by the numeral 34, is secured to the back of the bar 28 in such manner that its extending end reaches down into the bottom of the casing when the bar is in a relatively low position.

This fabric strip is also fastened adjacent the upper end of the cover as at 35 and also at uniformly spaced intervals to the frame rib elements 33', 32', 31', and 30', the opposite end of the fabric extending into the casing at the front closely adjacent the wall as shown.

Also attached to the side ribs 30, 31, 32 and 33, are other fabric strips 36, their lower edges reaching into the casing in close proximity with its side walls, thus forming a complete hood or canopy when the cover is raised, enveloping the ribs and space contained between them and the walls of the casing.

An opening 37 is formed through the upper section of the hood, from which extends a slit 38, the size of the opening being controlled by a draw string 39 which is also arranged to hold the edges of the slit together.

In operation the cover is raised and held extended by the hinged straps 21, the bar 28 being raised and the several ribs folded upward against the cover.

A camp stool 40 or the like is placed on the casing bottom 14, and a heater as the alcohol burner 41 suitably positioned, the frame ribs being held by the catches 43 on the cover.

A person may then enter, pass their head through the opening 37, adjust the fabric closely about the neck, drop the bar 28, see that the lower edges or skirt of the hood is properly positioned against the walls and then becoming seated, ignite the fuel.

When not in use the device may be folded as shown in Fig. 2 and can be readily carried by the handle 44 secured to one of the side walls.

Although I have described my improvements with considerable detail and with respect to certain particular forms of my invention, I do not desire to be limited to such details since many changes and modifications may well be made without departing from the spirit and scope of my invention in its broadest aspect.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. A bath structure comprising an oblong rectangular casing having raised walls, a cover hinged to one of the rear walls, means for holding said cover erect, a transverse

bar mounted to slide lengthwise on the inner side of said cover, brackets at the ends of said bar, a plurality of looped frame ribs pivoted to said brackets, means for confining said ribs against said cover, and a hood having an adjustable opening secured respectively to said bar and outer edge of said cover and said frame ribs to enclose the space above said casing within the confines of said ribs.

2. A bath structure comprising a hollow rectangular casing having a hinged cover, means for holding said cover when in an erect position, a guide rod on the inner side of said cover, a bar slidable on said rod, a plurality of frames having front and side elements pivoted at the ends of said bar, said frames being foldable within said casing or spread fan-wise thereover, and a hood fixed to said bar and to the outer end of said cover and to each frame at spaced distances, the skirt of said hood being disposable adjacent within the walls of said casing when said bar is in a lowered position.

This specification signed and witnessed this fifth day of March, 1923.

ISIDOR FRIEDLANDER.

Witnesses:

FRED'K C. FISCHER,

FERDINAND HOLL.