

March 26, 1940.

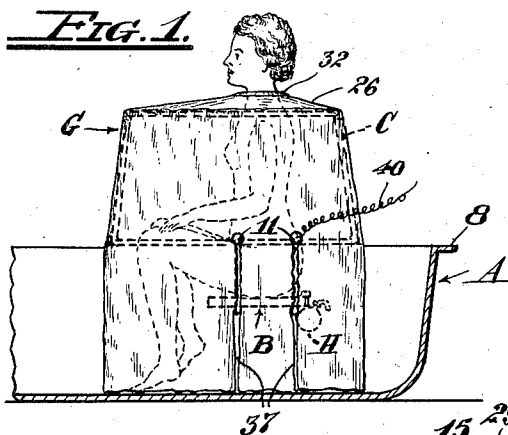
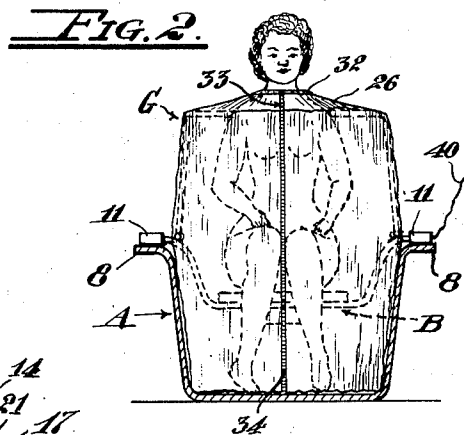
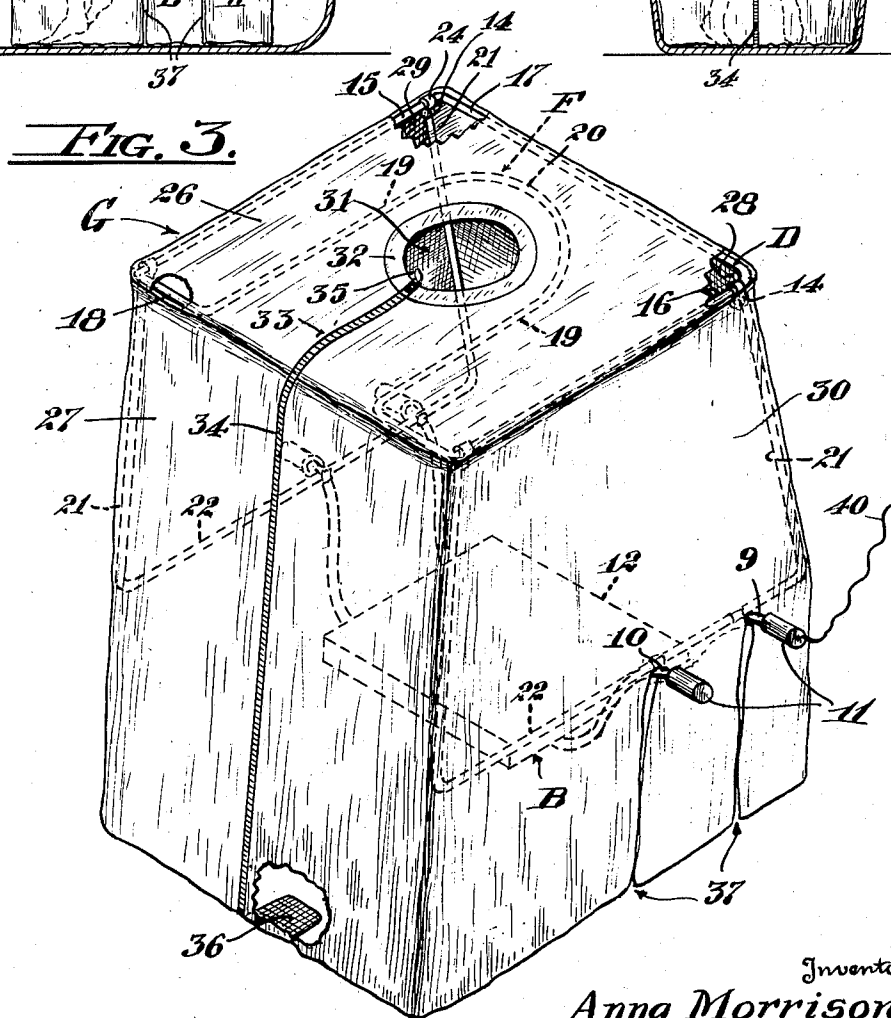
A. MORRISON

2,194,668

CABINET BATH ATTACHMENT FOR BATHTUBS

Filed March 25, 1938

2 Sheets-Sheet 1



Inventor
Anna Morrison:

By R. S. Berry
Attorney

March 26, 1940.

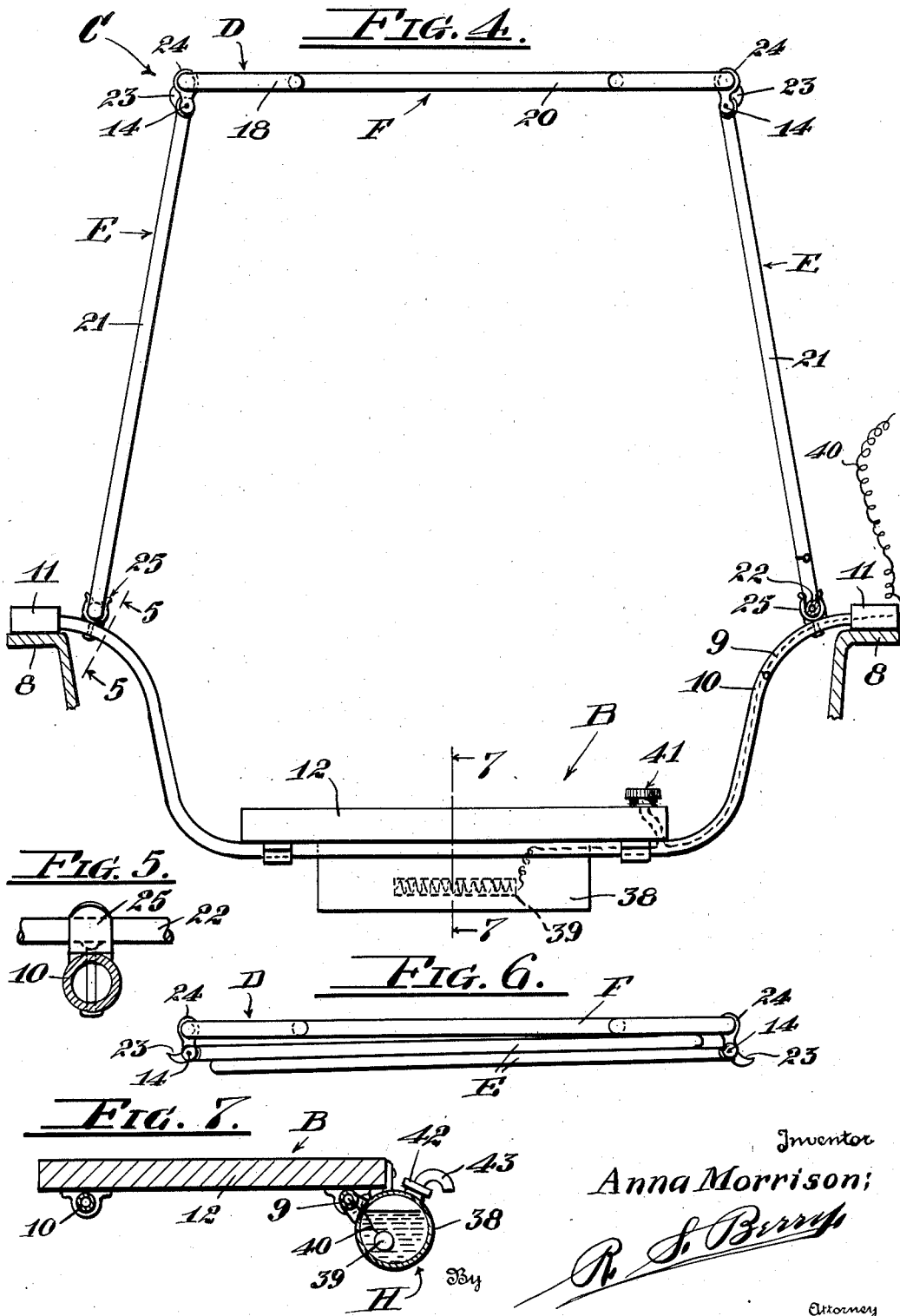
A. MORRISON

2,194,668

CABINET BATH ATTACHMENT FOR BATHTUBS

Filed March 25, 1938

2 Sheets-Sheet 2



UNITED STATES PATENT OFFICE

2,194,668

CABINET BATH ATTACHMENT FOR
BATHTUBS

Anna Morrison, Los Angeles, Calif.

Application March 25, 1938, Serial No. 198,067

6 Claims. (Cl. 4-162)

This invention relates to a bath cabinet and has as its primary object the provision of an improved canopy which is adapted to be applied to a conventional bathtub to form an enclosure suitable for use in taking a vapor bath.

Another object is to provide a structure of the above character which is so formed that it may be readily applied to and removed from a bathtub.

Another object is to provide a vapor bath attachment for bathtubs which is composed of sections that are adapted to be packed in a small space when not in use and yet be easily and quickly assembled on a bathtub in readiness for use.

Another object is to provide a canopy attachment for bathtubs which is adapted to be associated and combined with the conventional type of portable bathtub seat so as to form an enclosure for a bather while occupying such seat.

Another object is to provide a construction whereby a canopy may be easily attached to and removed from the seat structure.

Another object is to provide a foldable frame for the canopy cover which is adapted to be collapsed into a substantially flat package.

It is an additional object of the invention to provide a vapor bath attachment for the larger and the elongated types of bathtubs whereby it will be necessary to use only a portion of the space included within the side walls of such tubs, for the purpose of taking a vapor bath, instead of employing the more wasteful method of filling with the heated vapor the entire space included with the walls of the tub.

With the foregoing objects in view, together with such other objects and advantages as may subsequently appear, the invention is carried into effect as illustrated by way of example in the accompanying drawings, in which:

Fig. 1 is a view in side elevation depicting the canopy as applied to a bathtub and showing the manner of its use;

Fig. 2 is a front view of the canopy as applied; Fig. 3 is a perspective view of the canopy showing it as detached;

Fig. 4 is a view in front elevation of the canopy frame showing the manner of effecting detachable connection of the frame and the bathtub seat;

Fig. 5 is a detail in section taken on the line 5-5 of Fig. 4;

Fig. 6 is a view showing the canopy frame in its folded position;

Fig. 7 is a detail in section taken on the line 7-7 of Fig. 4.

Referring to the drawings more particularly A indicates a conventional bathtub formed with a rim 8, and B designates generally a seat attachment for a bathtub and which embodies a pair of rails 9 and 10 having their ends fitted with cushions 11 adapted to be seated on opposed portions of the bathtub rim 8 as shown in Fig. 2. The rails are depressed intermediate their ends and are fitted with a panel 12 constituting a seat proper.

A foldable canopy frame C is provided which embodies a top frame member D and a pair of side frame members E hingedly connected to the top frame member by hinges 14 so that the side members may be folded to extend along the under side of the frame member D as particularly shown in Fig. 6, and to be swung to a depending position relative to the top frame member as shown in Fig. 4.

The top frame member D is here shown as embodying a pair of parallel side rails 15 and 16 connected together by a rear end rail 17 and a front end rail 18 which latter is bent inwardly intermediate the ends thereof to form a yoke F which opens to the front of the frame and embodies a pair of spaced side members 19 leading inwardly from the front rail 18 and are connected together at their inner portions by an arcuate bend 20.

Each of the side frame members E embodies a pair of side members 21 extending from the ends of a rail 22, thus imparting to the side frame members a substantially U-shaped formation. The ends of the side rail 21 are connected by the hinges 14 to the side rails 15 of the top frame member D.

Means are provided for limiting the outward swinging movement of the side frame members E relative to the top frame member D which is here shown as comprising extensions 23 on the hinged ends of the side rails 21 of the frame members E arranged to abut collars 24 on the rails 15 constituting portions of the hinges 14; the extensions 23 abutting the collars 24 when the frame members E are disposed in a dependent position relative to the frame members D as particularly shown in Fig. 4.

Means are provided for detachably connecting the canopy frame D to the rails 10 of the seat B, which means are here shown as embodying upwardly opening U-shaped spring clips 25 carried by the rails 9 and 10, which clips are formed

and arranged to receive the rails 22 in clamping engagement therewith as shown in Figs. 4 and 5.

A flexible cover G is provided for positioning on the frame C to form a canopy and to provide an enclosure for a person occupying the seat B, which cover includes a rectangular top portion 26 adapted to extend over the top frame member D. The cover G also embodies four connected side wall portions which connect with the margins of the top portion 26, and include a front wall portion 27, a back wall portion 28, and side wall portions 29 and 30. The top wall portion 26 is formed with an opening 31 having a collar 32 for encircling the neck of the occupant of the canopy, and leading through the collar 32 across the top portion 26 and down the front wall 27 is a fly 33 here shown as equipped with a fastener 34 of the interlocking link type, embodying a slide 35 which is operable from the interior of the canopy to effect opening and closing of the fly in the manner common to closure fasteners of this type. As a means for facilitating the manipulation of the slide 35 in effecting closing of the fly, a flap 36 is formed on the lower margin of the front wall 27 which flap is adapted to lie on the bottom of the tub where it may be engaged by the foot of the occupant of the canopy to hold the wall 27 down while moving the slide 35 upward.

The side walls of the cover G are of such length as to extend to the bottom of the tub and accordingly in order that the walls 29 and 30 may depend past the rails 9 and 10 of the seat B, open ended slits 37 are formed in the lower portions of the walls 29 and 30 to receive the rails as shown in Fig. 3.

A vaporizer H is provided for effecting the generation of steam or vapor interiorly of the canopy, which vaporizer is here shown as embodying a reservoir 38 for a liquid and which reservoir is mounted on the panel 12 of the seat C as particularly shown in Fig. 7 and is fitted on its interior with an electrical heating element 39 with which is connected an electrical conductor 40 leading through the seat rail 9 and connecting through a temperature controlling rheostat switch 41 with a source of electrical current supply. The reservoir 38 is provided with a filler opening fitted with a removable cap 42 and which cap is provided with a nozzle 43 constituting a vapor discharge outlet.

In the application and operation of the invention the seat B is assembled on the bathtub A by positioning the cushion ends 11 of the seat rails 9 and 10 on the margin 8 of the tub as shown in Figs. 2 and 4. The canopy frame is then set in place by attaching the rails 22 of the side frame members E to the spring clips 25 by pressing the rails 22 into the open upper ends of the clips; the side frame members E being positioned to depend from the top frame member D with their upper end portions inclining inwardly and with the extensions 23 of the end members 21 thereof abutting the collars 24 of the hinges 14 as particularly shown in Fig. 4.

The flexible cover G, which is composed of a rubberized fabric or the like, is positioned over the assembled canopy frame D with the top wall portion 26 thereof overlying the frame and with the side wall portions 27, 28, 29 and 30 thereof extended downwardly into the bathtub.

On opening the fly 33 by disengaging the fastener 34 a person may enter the canopy and take a seated position on the seat B as shown in Figs. 1 and 2 and may then close the canopy by run-

ning the slide 35 upwardly on the link fastener 34 thus enclosing the person within the canopy with the head projecting exteriorly thereof through the opening 31 in the top wall 26.

The vaporizer H previously being placed in operation will effect vaporization of the liquid in the reservoir 38 from which latter the vapors will be discharged through the nozzle 43 to the interior of the canopy. Variation of the temperature of the interior of the canopy may be regulated by operation of the control switch 41.

By employing the construction set forth the structure when not in use may be disassembled by removing the cover G from the frame C then removing the canopy frame from the seat structure B, and then folding the side members E against the under side of the top frame member D, thus rendering the canopy frame substantially flat as shown in Fig. 6. The flexible cover G may be folded into a compact flat package or may be wrapped around the folded canopy frame C together with the seat structure B.

While I have shown and described a specific embodiment of the invention I do not limit myself to the exact details of the construction and arrangement shown and accordingly the invention includes such changes in the construction of the parts and their arrangement as come within the meaning and scope of the appended claims.

I claim:

1. In a bath cabinet, a seat, rails on said seat for engaging the rim of a bathtub, a foldable frame including side members, means for detachably connecting said side members to said rails, and a canopy formed to encompass said frame, said rails having end portions resting on the side walls of said tub, and said canopy having slitted side portions receiving said rails between them.
2. In a bath cabinet, a seat, tub engaging rails on said seat, a frame including side members, and spring clips for effecting detachable interconnection between said rails and frame side members.
3. In a bath cabinet, a canopy frame, a canopy on said frame, and an elongated bathtub, the lower portion of said canopy extending to a plane adjacent to the bottom of said tub and being confined to a portion only of the length of said tub.
4. In a bath cabinet, a bathtub, a canopy frame, and a canopy on said frame, an elongated bathtub, said frame including rails extending across said tub and having end portions supported on opposed rims thereof, and said canopy having slits in the side portions thereof through which said rails extend.
5. In a bath cabinet, a bathtub, a canopy frame including rails having horizontally extending portions whereby it is supported on opposed rims of said tub, and a canopy supported by said frame, the extent of said canopy in plan being materially less than the space included within the side walls of said tub, said canopy having within said tub slitted side portions which receive between them said rails and which extend down to a plane adjacent to the bottom of said tub.
6. In a bath cabinet, a seat, tub engaging rails whereon said seat is mounted, upwardly opening U-shaped spring clips carried by said rails, and a frame including side members seatable within the openings afforded by said spring clips for effecting detachable interconnection between said rails and frame side members.