July 7, 1931. G. D. UHL 1,813,647

SUN BATH CABINET

Filed May 8, 1929

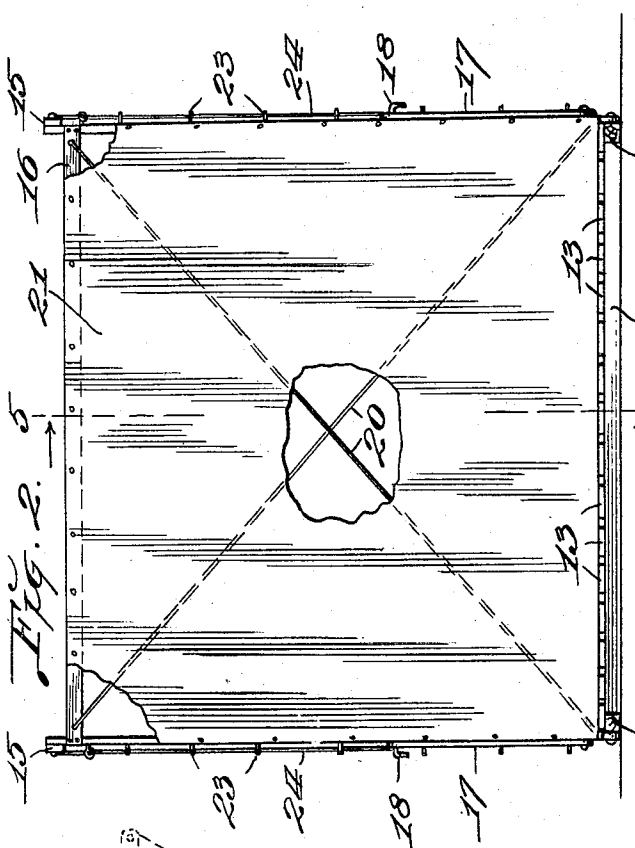


Fig. 2.

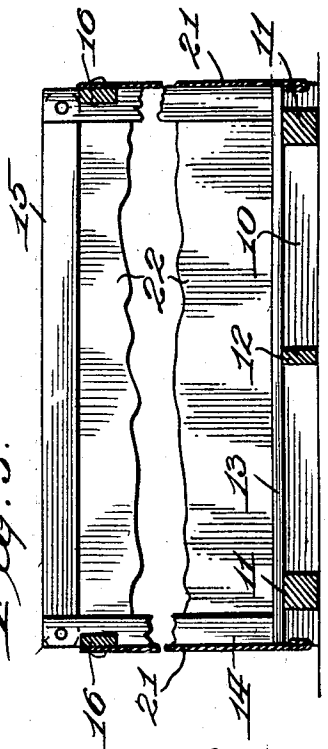


Fig. 5.

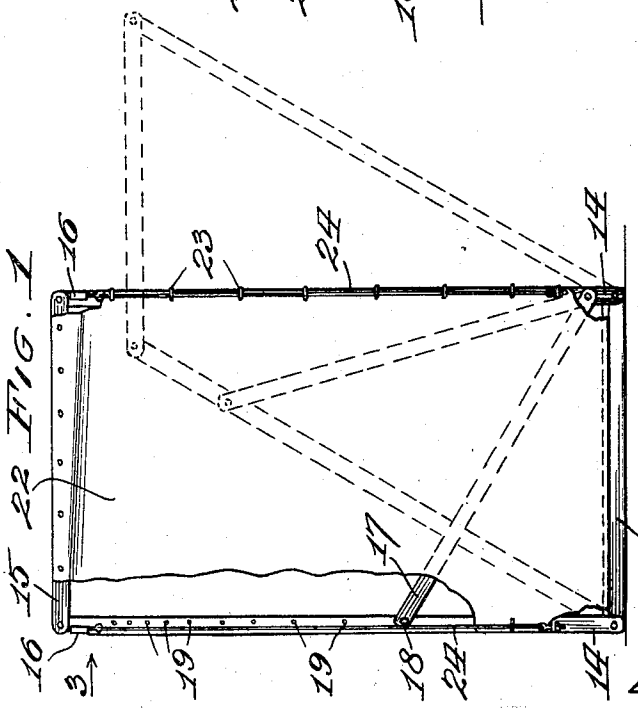


Fig. 1

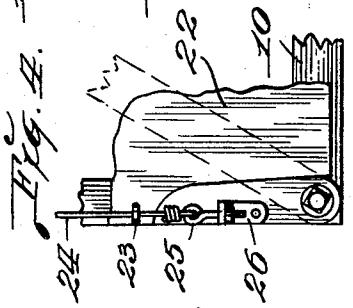


Fig. 4.

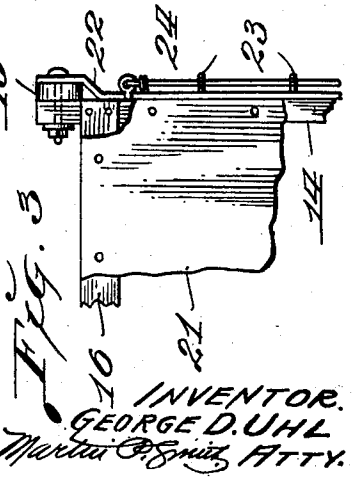


Fig. 3

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SUN BATH CABINET

Application filed May 8, 1929. Serial No. 361,295.

My invention relates to a sun bath cabinet and has for its principal object, the provision of a relatively simple, practical and inexpensive cabinet, a portable character that may be conveniently utilized by persons desiring to subject their bodies to the direct action of the sun's rays and air.

A further object of my invention is, to provide a sun bath cabinet that may be readily adjusted into different angular positions so as to eliminate and minimize shade and shadows within the cabinet and consequently enable the occupant of the cabinet to expose the body to the direct rays of the sun, regardless of the position of the latter.

Further objects of my invention are, to provide a sun bath cabinet that is comparatively light in weight and at the same time strong and durable in construction, further to provide a cabinet that may be easily and quickly adjusted to correspond to the position of the sun and, further to provide a cabinet that may be readily taken apart and packed so as to occupy comparatively little space during storage or transportation.

With the foregoing and other objects in view, my invention consists in certain novel features of construction and arrangement of parts that will hereinafter be more fully described and claimed and illustrated in the accompanying drawings, in which:

Fig. 1 is an end elevational view of the cabinet with parts broken away.

Fig. 2 is a side elevational view of the cabinet with parts broken away.

Fig. 3 is an enlarged elevational view of one of the upper corners of the cabinet and looking in the direction indicated by arrow 3 in Fig. 1.

Fig. 4 is an enlarged elevational view of one of the lower rear corners of the cabinet.

Fig. 5 is an enlarged cross section taken approximately on the line 5—5 of Fig. 2 with the intermediate portion of the cabinet broken away.

In the construction of my improved sun bath cabinet a substantially rectangular base frame is formed from a pair of end rails 10, a pair of side rails 11 and an intermediate rail 12. The ends of the rails 11 and 12 are suitably connected to the end rails 10 and secured on top of said rails 11 and 12 is a series of parallel slats 13 that are parallel with the end rails 10.

A pad, mattress or cot, for the accommodation of the occupant of the cabinet, may be positioned on the floor formed by the slats 13.

Pivotally connected in any suitable manner to the outer faces of the end rails 10 and at the ends thereof are the lower ends of parallel upright corner pieces 14, preferably of wood, and pivotally connected to the upper ends of these uprights 14 are the ends of upper end rails 15.

Secured in any suitable manner to the upper portions of the uprights 14, and preferably at points just below the ends of the upper rails 15, are the ends of upper front and rear side rails 16.

Thus a substantially rectangular skeleton frame is formed and as the lower ends of the uprights 14 are pivoted to the base of the structure and the upper end rails 15 are pivoted to the upper ends of the uprights 14, the upright frame is capable of being adjusted into various angular positions by swinging the upper portion of the frame sidewise relative to the base and during such swinging movement the uprights 14 occupy parallel positions and the upper end rails 15 maintain horizontal positions in a plane parallel with the plane occupied by the base (see dotted lines Fig. 1).

As a result of this vertical angular adjustment of the frame of the cabinet it is possible to so adjust said frame as to permit direct sun's rays to enter the cabinet with a minimum of shade and shadows.

In order to retain the frame in its various positions of angular adjustment, the lower ends of a pair of end braces 17 are pivotally connected to the lower portions of the upright members 14 on one side of the cabinet and the upper rear ends of these braces are detachably connected to the rear pair of uprights 14 by removable bolts or pins 18 and which latter are adapted to enter apertures 19 that are formed at suitable distances apart in the rear pair of uprights 14.

In order to stay and reenforce the adjustable frame of the cabinet and particularly the front and rear frames comprising the end uprights 14 and the top rails 16, the upper ends of a pair of crossed wires 20 are secured in any suitable manner to the end portions of the top rails 16 and the lower ends of these wires are suitably secured to the lower portions of the uprights 14 (see Fig. 2).

The side walls of the cabinet are formed of rectangular sections 21 of suitable fabric, preferably canvas, and the upper edges of these fabric walls are suitably secured to the upper outer faces of the top rails 16.

The vertical side edges of the fabric walls 21 are connected in any suitable manner to the outer faces of the upright corner members 14.

The lower edges of the fabric side walls 21 overlie the end portions of the slats 13 and said lower edges may be secured to said slats as desired or permitted to hang free over the ends of said slats, as illustrated in Fig. 5.

The end walls 22 of the cabinet are composed of substantially rectangular sections of fabric such as canvas and the upper edges thereof are suitably secured to the upper end rails 15.

In order to permit the fabric end walls 22 to adjust themselves to the inclined positions of the uprights 14 when the same occupy angular positions, as illustrated by dotted lines in Fig. 1, the upper portions of said end walls may be provided with extension portions that are folded immediately adjacent to the upper end rails 15 and the vertical side edges of said end walls are provided on their outer faces with loops or rings 23 that are loosely mounted on wires 24, the ends of the latter being welded in any suitable manner to the outer faces of the uprights 14, adjacent to their upper and lower ends.

In order to maintain the wires 24 in taut condition, the lower ends of said wires may be connected to eyes 25 that are adjustably connected to brackets 26 and the latter being welded to the lower portions of the uprights 14 (see Fig. 4).

By thus mounting the end walls on the wires 14, the lower portions of said end walls may be readily raised to permit the user of the cabinet to enter and leave same.

Thus it will be seen that I have provided a sun bath cabinet that is relatively simple in construction, inexpensive of manufacture and very effective in performing the functions for which it is intended. The cabinet is comparatively light in weight, may be conveniently moved from one position to another and the entire body of the cabinet above the base thereof may be adjusted so as to occupy different angular positions corresponding to the position of the sun and thus enabling the occupant of the cabinet to obtain full benefit of the sun's rays with a minimum of shade or shadow.

By utilizing readily removable bolts or pins as the pivots between the uprights 14 and the base and between the upper end rails 15 and the uprights, the cabinet may be readily taken apart and packed into a comparatively small space for storage or transportation.

It will be understood that minor changes in the size, form and construction of the various parts of my improved sun bath cabinet may be made and substituted for those herein shown and described without departing from the spirit of my invention, the scope of which is set forth in the appended claims.

I claim as my invention:

1. In a sun bath cabinet, a base, a skeleton frame pivotally mounted on said base and capable of being moved into different inclined positions, said frame including corner posts, fabric side and end walls arranged on said frame and the vertical edges of the end walls having slidable connection with said corner posts.

2. In a sun bath cabinet, a base, corner posts pivotally connected to the corners of said frame and projecting upwardly therefrom, side rails connecting the upper ends of said corner posts, upper end rails having their ends pivotally connected to the upper ends of the corner posts, flexible side and end walls connected to said corner posts and to said side and end rails and inclined braces pivotally connected to the lower portions of a pair of the corner posts and adjustably connected to the other pair of corner posts.

3. In a sun bath cabinet, a base, corner posts pivotally connected to the corners of said frame and projecting upwardly therefrom, side rails connecting the upper ends of said corner posts, upper end rails having their ends pivotally connected to the upper ends of the corner posts, flexible side walls connected to the corner posts and to the upper side rails, flexible end walls having their front and rear edges flexibly connected to the corner posts, inclined braces having their lower ends pivotally secured to the lower portions of a pair of the corner posts and their upper ends adjustably secured to the other pair of corner posts.

In testimony whereof I affix my signature.

GEORGE DONALD UHL.