E. COLLINS.

ELECTRIC LIGHT BATH APPLIANCE.

APPLICATION FILED MAR. 5, 1908.

924,040. **Patented June 8, 1909.**

Fig. 1.

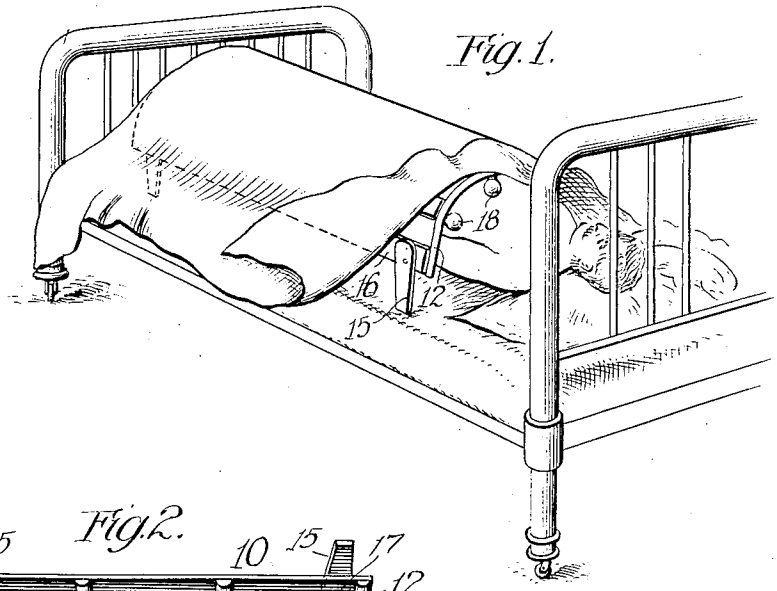


Fig. 2.

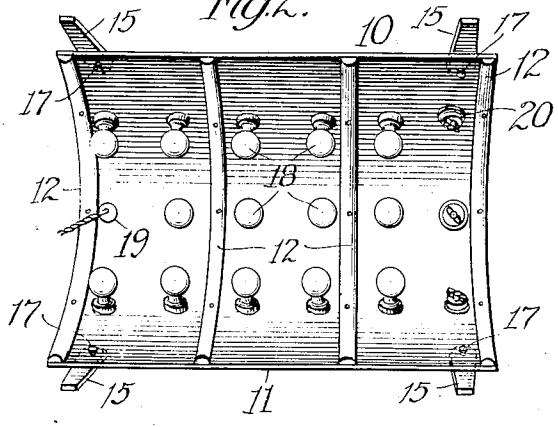


Fig. 4.

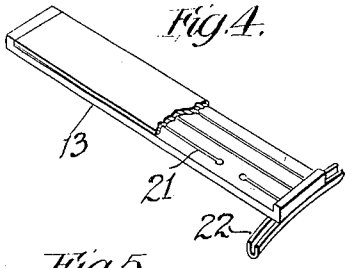


Fig. 5.

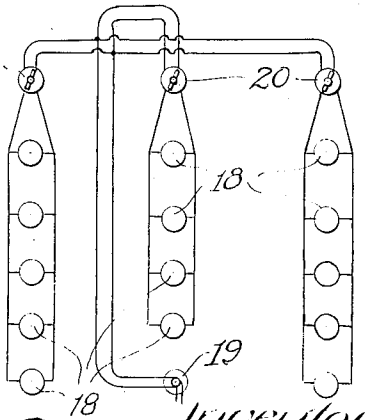
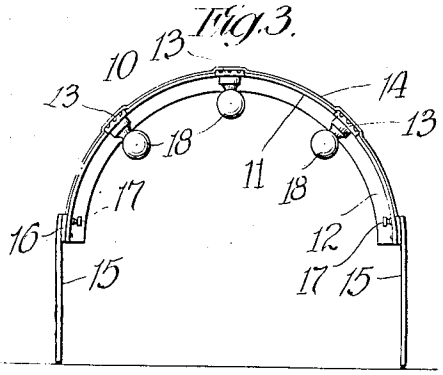


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

EMMONS COLLINS, OF CHICAGO, ILLINOIS.

ELECTRIC-LIGHT BATH APPLIANCE.

No. 924,040. Specification of Letters Patent. Patented June 8, 1909.

Application filed March 5, 1908. Serial No. 419,242.

To all whom it may concern:

Be it known that I, EMMONS COLLINS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Electric-Light Bath Appliances, of which the following is a specification.

My invention relates to improvements in electric light bath appliances, and has for its salient object to provide an apparatus of the character described which is simple in construction, portable and readily employed in the home.

In the drawing wherein I have illustrated an embodiment of my invention; Figure 1 illustrates the use of the apparatus embodying my invention; Fig. 2 shows the bath hood in tilted position; Fig. 3 is a sectional view therethrough; Fig. 4 is a detail of a convenient structural feature, and; Fig. 5 is a diagrammatic view of the electric circuit connections.

In general my invention contemplates the provision of an arched reflecting hood of a portable nature, of size and construction adapted to substantially cover the body of a person in a recumbent position, said hood being provided with supporting legs, and carrying on its under reflecting side rows of electric lamps and convenient switching mechanism therefor.

In the specific construction shown 10 indicates in general the hood of substantially semi-circular shape in cross section, preferably constructed of an aluminum reflector sheet 11, as an under face, underlain and supported by framing arches or ribs 12, transversely disposed and overlain by longitudinal separated slats 13—13 of suitable number, preferably five, arranged with two slats following the lower edges of the hood, one along the top of the arch and two intermediate the top and bottom, the entire construction being preferably covered in any suitable manner as by a canvas facing 14. The hood is supported upon the four legs 15, disposed at the corners of the hood, each connected thereto by a pivot 16 and adapted to be secured in vertical position by a thumb screw 17, the removal of which frees the leg to be swung sidewise in parallelism with its connected slat.

Upon the under side of the reflector are arranged rows of electric incandescent lamps, the rows in the construction shown underlying the three upper slats and extending radially inward on converging lines, there being in the embodiment shown five lamps in each of the outer rows and four lamps in the middle row, the place of the rear end lamp being taken by a connecting socket 19 by which the lamps may be connected with any suitable electric fixture in the room. For convenient wiring of the device and ready control of the lights, the wires may be run to the front end of the hood, and there divided into three parallel branches for the three respective rows of lamps, each branch being controlled by a switch 20 arranged near the head end of the hood for convenient access by the user.

A convenient construction for running the electric wires is illustrated in Fig. 4, from which it will be seen that each slat 13 may be made up of two parts fitted together, the under part being provided with a suitable series of grooves 21 for the reception of the wires, the transverse wiring being conveniently carried in a groove 22 in the front end rib 12.

In the use of the invention the user lies upon a bed, with his body from the shoulders down beneath the hood, and with the hood covered over with a blanket to confine the heat and light, and then he turns on the electric lamps, regulating the amount of light and heat as desired, by manipulation of the switches 20.

It will be observed that the construction described is such that the user is not brought into too close proximity to the electric lamps, for comfort, the light being radiated or reflected from said lamps or the reflecting surface upon the user's person, and it will be further observed that the construction is such as to permit of the patient being rubbed or massaged while undergoing the treatment, the open ends of the hood and the spaces between the legs thereof permitting an attendant to give the desired treatment without uncovering any substantial part of the apparatus or permitting the escape of heat to any substantial degree.

While I have herein described in some detail a specific construction embodying my invention, it will be apparent to those skilled in the art that numerous changes in the specific details might be made without departure from the spirit and scope of my invention.

Having thus described my invention, what

I claim and desire to secure by Letters Patent, is;

In an electric light bath apparatus, an arched reflector, transverse ribs underlying said reflector and longitudinal slats overlying said reflector, electric lamps carried on the under side of said reflector and supporting legs pivoted to said apparatus and adapted to be moved into positions parallel with the length thereof substantially as described.

In testimony whereof I hereunto set my hand in the presence of two witnesses.

EMMONS COLLINS.

In the presence of—

GEO. T. MAY, JR.,

MARY F. ALLEN.