

An improved electric bath.

Contributors

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N^o 10,393



A.D. 1904

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COMPLETE SPECIFICATION.

An Improved Electric Bath.

I, HERMANN IMANUEL WILLY SCHWEDLER, Director of The Sanitas Electrical Company, Limited, of 7A Soho Square, in the County of London, W., do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to an electric bath specially intended to influence the action of the heart, whereby the electric current known as rotating current is conducted by the intermedium of a liquid, such as water for instance, to particular parts of the body and, upon the electric conductor being brought in touch with certain points on the body, is made to act upon the heart or other organs in the manner desired.

The accompanying drawing illustrates such a bath, the form chosen being that of a chair which is particularly suitable for the treatment of the patient.

Fig. 1 is a side view of the bath, and

Fig. 2 is a plan thereof.

The foundation-plate *a* supports a chair *b* which is conveniently secured thereto and upon which the patient is seated. The arms *c* of said chair which are suitably fixed to the back *d* and the seat *e*, have their upper sides constructed so as to provide a support for the tubs or troughs *f* made of glass or other insulating material, upon which the patient sitting in the chair can rest his arms, as when sitting in an ordinary arm-chair. The troughs intended to receive the arms may also be arranged on a support specially provided by the side of the chair. The patient places his feet in the trough *g* which is also made of glass or some other insulating material, whilst the electrode *h* is located at the bottom and the electrodes *i* are placed in the troughs provided for the arms. The electrodes consist of a suitable plate-shaped conductor which is enclosed in a wooden frame, for instance, and has its surface covered with a grating or the like, or with a perforated plate made of insulating material, so as to give the water or other liquid in the trough free access to the electrodes, whilst on the other hand the patient himself is unable to come into contact with the electrodes.

Whilst the patient is under treatment, application is made of the rotating current which is led to the electrodes from suitably insulated conductors and made to pass through the patient's body along a direction determined by its immersed parts, and to disperse in the region of the heart for the treatment of which this apparatus is particularly intended.

It is thus possible to treat patients by the rotating current in the aforesaid manner without their being obliged to undress entirely, which is a notable advantage, as the risk of catching cold and of being subjected to other inconveniences, is thereby avoided.

The foundation-plate may be covered with a non-heating conductor to provide a patient with a rest for one foot or both feet before, during, or after the treatment.

[Price 8d.]

Schvedler's Improved Electric Bath.

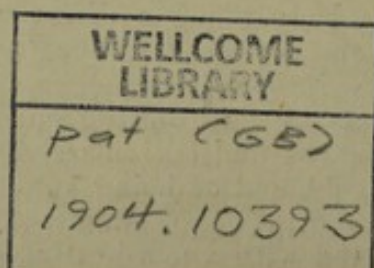
Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

An electric bath, the distinguishing feature whereof is that it consists of three tubs each one of which is connected with one phase of a three phase rotating current, so that the patient by simultaneously immersing certain parts of the body in each one of the three tubs, causes the three phase current to produce the desired effect upon his body. 5

Dated this 5th day of May, 1904.

WHEATLEY & MACKENZIE,
40 Chancery Lane, London, W.C. Agents. 10

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Fig. 1.

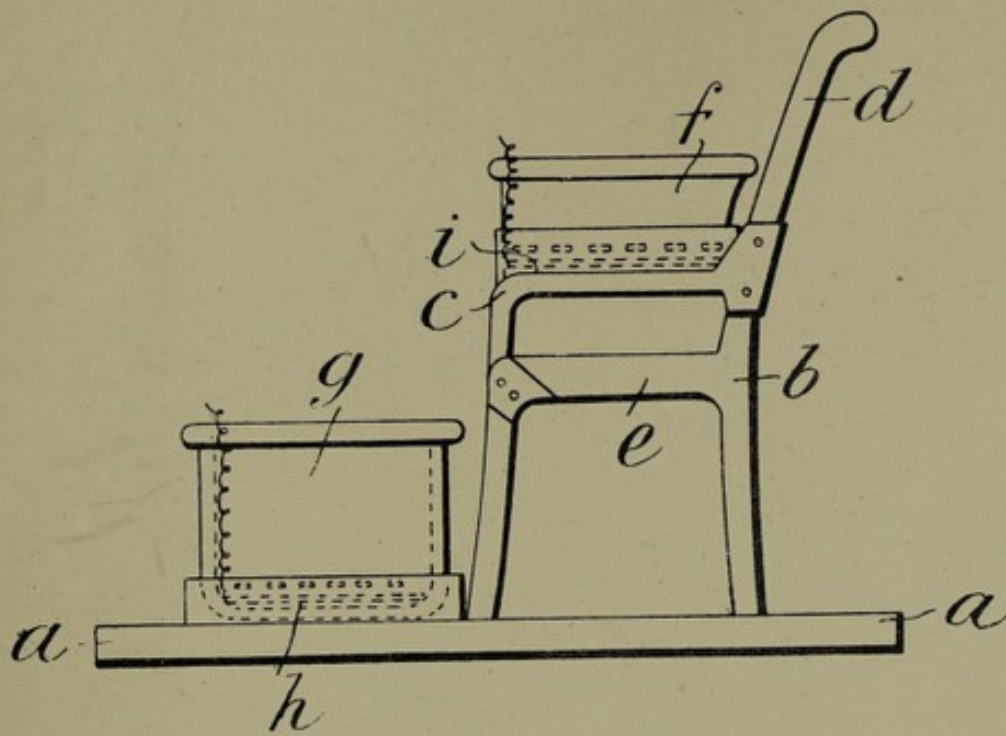
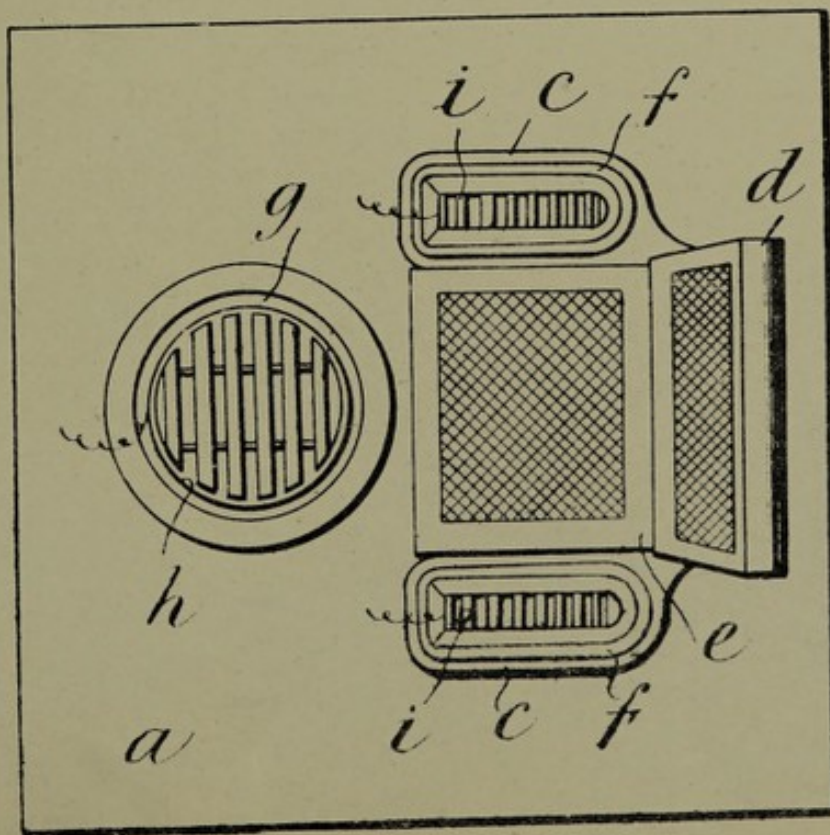


Fig. 2.



[This Drawing is a full-size reproduction of the Original.]

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