

**Specification of George Lovett : portable apparatus for administering hot hair, [sic] vapour, and shower baths.**

**Contributors**

Lovett, George.

**Publication/Creation**

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A.D. 1858, *5th OCTOBER.* N° 2215.

S P E C I F I C A T I O N

OF

GEORGE LOVETT.

—  
PORTABLE APPARATUS FOR ADMINISTER-  
ING HOT HAIR, VAPOUR, AND SHOWER  
BATHS.  
—

LONDON:

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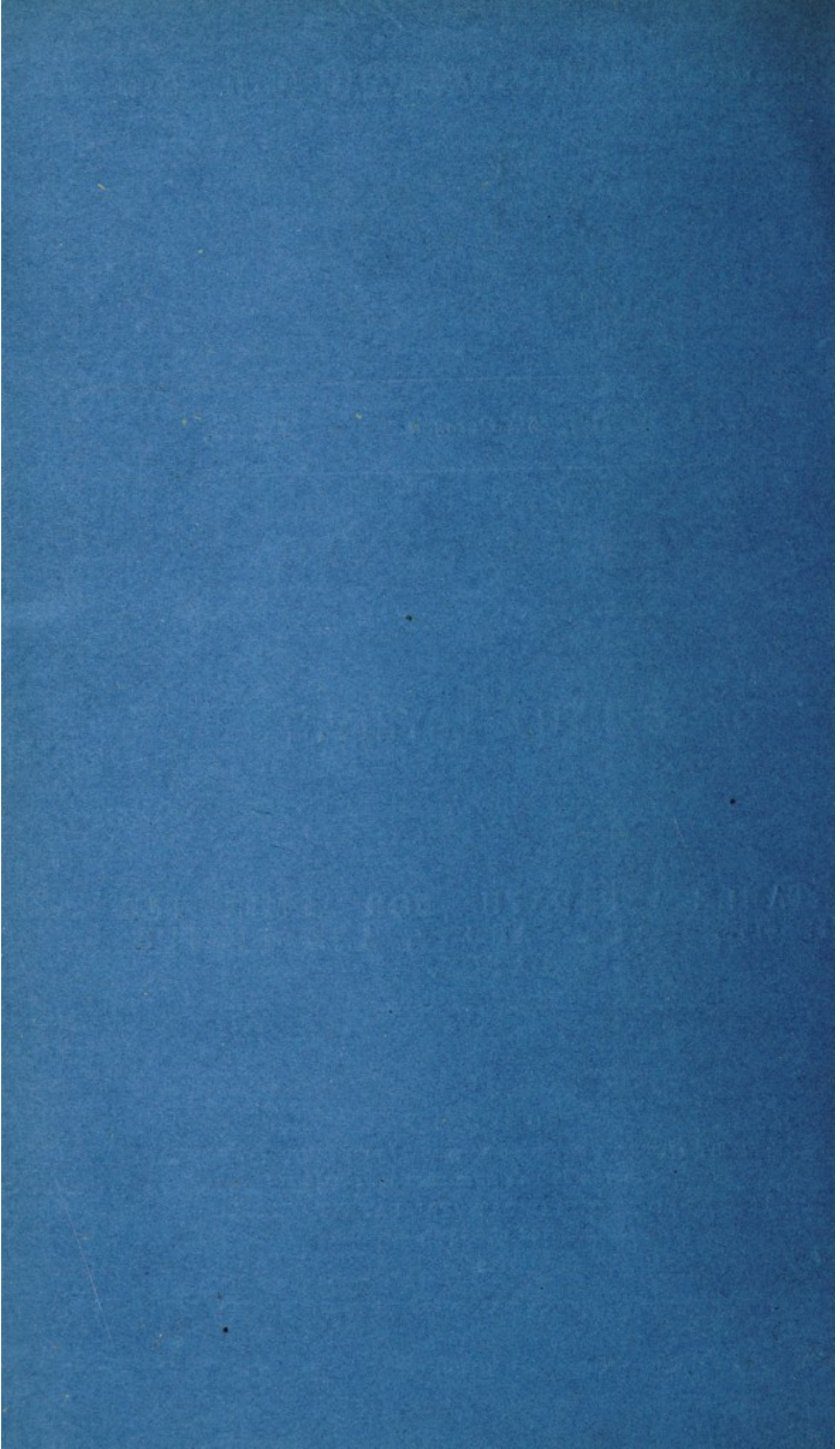
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**Portable Apparatus for Administering Hot Air, Vapour,  
and Shower Baths.**

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*(This Invention received Provisional Protection only.)*

**PROVISIONAL SPECIFICATION** left by George Lovett at the Office of the Commissioners of Patents, with his Petition, on the 5th October 1858.

I, GEORGE LOVETT, of East Street, Manchester Square, in the County of Middlesex, Medical Shampooer, do hereby declare the nature of the said Invention for "**IMPROVEMENTS IN PORTABLE APPARATUS FOR ADMINISTERING HOT AIR, VAPOR, AND SHOWER BATHS,**" to be as follows:—

The chief object of this Invention is to provide portable apparatus whereby vapor, shower, and medicated baths may be administered to patients at their own homes. The vapor and shower baths being usually administered in close succession, I construct the apparatus so that the patient may receive them both at one sitting. For this purpose I provide a shallow bath pan of suitable dimensions, and fit therein a frame to carry a chair, on which the patient is to sit. Under this chair I provide a metal box pierced with holes, and into which enters a steam pipe fitted with a tap, and leading to a boiler mounted in a portable furnace. Fitting into sockets formed in the bath pan are rods, which serve to carry at their upper end the head of the bath, on which is mounted a vessel for containing the shower water. This vessel is formed and fitted in the usual way of making shower baths, and to confine the shower, a curtain is provided as usual, which descends to the bath pan. Surrounding this curtain, and pendent from the head of the bath, is a second curtain, the lower edge of which is secured to the lip of the pan (after the



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*Lovett's Impts. in Apparatus for Administering Hot Air, Vapour, &c. Baths.*

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patient has been admitted into the bath) by a cord for the purpose of preventing the escape of the vapor. A force pump is attached to the bath pan, for the purpose of forcing up water from a tub or other vessel into the elevated shower water vessel. By this arrangement the steam from the boiler is led into the bath, and caused to rise into and fill the space occupied 5 by the patient, who, when exposed sufficiently long to the action of the vapor, can receive a shower of either hot, cold, or tepid water from above. To facilitate the transport of this apparatus, I lift the head off the supporting rods, withdraw these from their sockets, and place the head in the pan.

For administering hot air or medicated vapor baths, I form the bath of 10 wood, closing the upper part with hinged doors, which are removable, and in one of which an opening is made to permit of the head of the patient protruding. Within this bath (by preference under the chair or support for the patient) I place a gas stove for generating heat, which stove I supply with gas from a flexible gas holder. Air being freely admitted to this stove 15 will, in passing through it, become heated, and thereby raise the temperature of the bath to any required degree, and if at the same time the vapor of sulphur, mercury, or other chemical substance is required to be administered, the substance may be placed in a cup and submitted to the heat of the stove, by which it will be driven into vapor. 20

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