To all whom it may concern:

Be it known that I, John La Rue Robinson, a citizen of the United States, residing at Reno, in the county of Washoe and State of Nevada, have invented certain new and useful Improvements in Electric Group Kettles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to apparatus for administering vapor inhalation in the treatment of bronchial and other ailments affecting the respiratory organs.

The invention aims to provide an apparatus which is electrically heated and of such construction, as to preclude setting fire to household furniture, bedding, paper, etc., which prevents burning of the patient or other person administering the inhalation and which will not give off objectionable odors when all the liquid has been vaporized and which may be operated by the unskilled without causing injury of any nature either to the apparatus, the person, or furniture.

Other objects and advantages will be apparent and suggest themselves as the nature of the invention is understood.

While the drawings illustrate an embodiment of the invention it is to be understood that in adapting the same to meet different conditions and requirements, various changes in the form, proportion and minor details of construction may be resorted to without departing from the nature of the invention.

Referring to the accompanying drawings forming a part of the application:

Figure 1 is a side view of an inhalation apparatus embodying the invention.

Figure 2 is a sectional view of the cover being detached, and

Figure 3 is a horizontal section on the line 3—3 of Figure 2.

Corresponding and like parts are referred to in the following description and designated in the several views of the drawings by like reference characters.

The apparatus comprises an inner receptacle 1 and an outer receptacle 2, a space being provided between the two receptacles for receiving a filling of insulating and refractory material such as mineral wool. The top of the space formed between the two receptacles is closed by a thick collar 4 of suitable heat resisting material, over which is arranged a metal ring 5 which serves as a retainer and to provide a finish. A suitable cover 6 closes the top of the kettle and has a close joint therewith to prevent the escape of any steam or vapor. The cover 6 may be of any preferred material, such as glass, and is of dome shape and provided with a relatively small opening 7 for the escape of the steam or vapor which may be utilized in any well known manner according to the nature of the treatment by inhalation.

An electric heating element 8 surrounds the outer wall of the inner receptacle 1 and may consist of any form of resistant which will become heated by the flow of an electric current therethrough. The electric heating element is disposed adjacent the outer wall of the receptacle 1 and is insulated therefrom as indicated at 9. An electric cord 10 is connected with the heating element 8 in any well known manner and is adapted to be plugged into the outlet of an electric service in a manner well understood.

The inner receptacle 1 is preferably of tapering form and its upper edge is beaded to overlap the collar 4 and assist in holding it in place. The receptacle 2 is inwardly crimped at 11 to further assist in holding the collar 4 in place. A metal band 12 is fitted to the lower edge of the cover 6 and maintains a close fit with the upper end of the receptacle 1 as the coefficient of expansion of each is the same.

What is claimed is:

1. An inhalation apparatus comprising an outer receptacle, a thick collar of heat resisting material positioned within and secured to the upper end of said receptacle, an inner receptacle passing through and supported by the collar in fixed spaced relation to the outer receptacle, and an electric heating unit for the inner receptacle.

2. An inhalation apparatus comprising an outer receptacle having an inner rib adjacent its upper end, a ring secured to the upper end of the receptacle, a thick collar of heat resisting material positioned between and secured in place by said rib and ring, an inner receptacle passing through and supported by the collar in fixed spaced relation to the outer receptacle, and an electric heating unit for the inner receptacle.

3. An inhalation apparatus comprising an outer receptacle having an inner rib adja-
cent its upper end, a ring secured to the upper end of the réceptacle, a thick collar of heat resisting material positioned between and secured in place by said rib and ring, an inner réceptacle passing through and supported by the collar in fixed spaced relation to the outer réceptacle, an electric heating unit for the inner réceptacle, the inner réceptacle being made of metal, and a metal band removably fitted in the upper end of the inner réceptacle and carrying a non-metallic cover provided with an aperture for the escape of steam and vapor.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN LA RUE ROBINSON.

Witnesses:

JUNE O'BRIEN,
NATALIE A. GOODMAN.