(No Model.)

H. D. PARTRIDGE.

Foot Bath.

No. 233,011 **Patented Oct. 5, 1880.**

Fig. 1

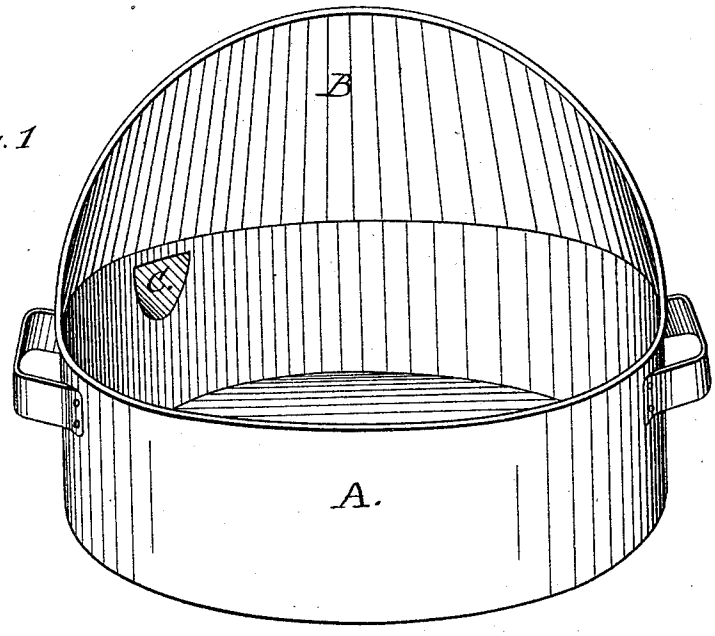
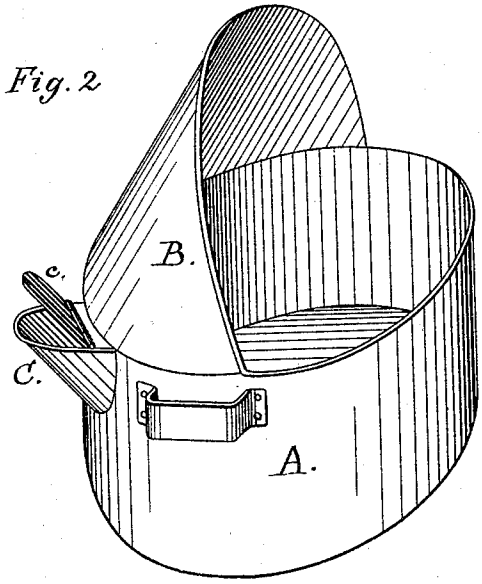


Fig. 2



Witnesses:
Samuel Lea.
William A. Smith.

Inventor:
Helen D. Partridge
Per S. D. & J. T. Law
Attys.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

HELEN D. PARTRIDGE, OF BROOKLYN, NEW YORK.

FOOT-BATH.

SPECIFICATION forming part of Letters Patent No. 233,011, dated October 5, 1880.

Application filed August 4, 1880. (No model.)

To all whom it may concern:

Be it known that I, HELEN D. PARTRIDGE, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Foot-Baths; and I do hereby declare that the following is a full, clear, and exact description thereof, and of the manner of operation, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and making a part of this specification.

My invention is intended more particularly for use by sick persons, and when it is desired to obtain the benefits of a vapor or medicated bath. In such cases it is very essential to confine the vapor and to prevent its ready escape. This can be done only very imperfectly when the ordinary foot-bath is used, even though a blanket or other covering is placed around the limbs and over the tub, and there is also a liability in the use of such a bath that the covering will become wetted by getting into the tub, and if additional warm water is required the vapor will more or less escape when the additional water is supplied.

The object of my invention is to provide a more convenient and perfect means for confining the steam or vapor, and also secure a mode of supplying additional water without allowing the escape of the steam or vapor, or permitting any current of air to come against the limbs, and without disturbing the patient.

Figure 1 is a perspective view of my improved foot tub and bath from the back or rear, and Fig. 2 is a perspective view of the same from one end, showing also the device for supplying additional water.

The lower part, A, of the bath may be made oval or round or in any form desired. From this on the front side, and extending somewhat more than half around the top of A, rises a part or semi cover, B, which is united tightly to the part A, and extends upward to about the height of the soft fleshy part of the limb, and inclines inward, so as nearly to reach the upper part of the limbs when the feet are in the tub A. This part B causes the warm vapor to be deflected toward and against the limbs, and also furnishes a convenient support for any wrap that may be placed about and over them, and at the same time prevents the dress or wrap becoming wetted. The benefits of both a water and vapor bath are thus secured.

The construction of the bath with the part B also enables the wrap to be easily placed closely around the back part of the limbs so that the vapor will be prevented from escaping and made most effectual for the purposes desired.

To permit the introduction of additional warm water as that first introduced becomes cooled, or when it is desired to increase the temperature of the water, and that this may be effected without exposing the limbs or having them subjected to any draft of air, a nozzle or opening, C, is made in the upper part of the bath A, through which additional water can be supplied, and which is fitted with a cover, *c*, which can be closed after water has been so supplied, so that the warm vapor cannot escape from the bath, and will be most effective as a bath.

The bath A may be made of different sizes, and the part B may be varied in height or inclination, as desired.

What is claimed is—

A foot-bath consisting of the vessel A, with an elevated or upward and inclined semi-cover, B, and furnished with a nozzle or receiving-conduit, C, substantially as and for the purposes set forth.

HELEN D. PARTRIDGE.

Witnesses:

STEPHEN H. CAMP,

MARY BUTLER.