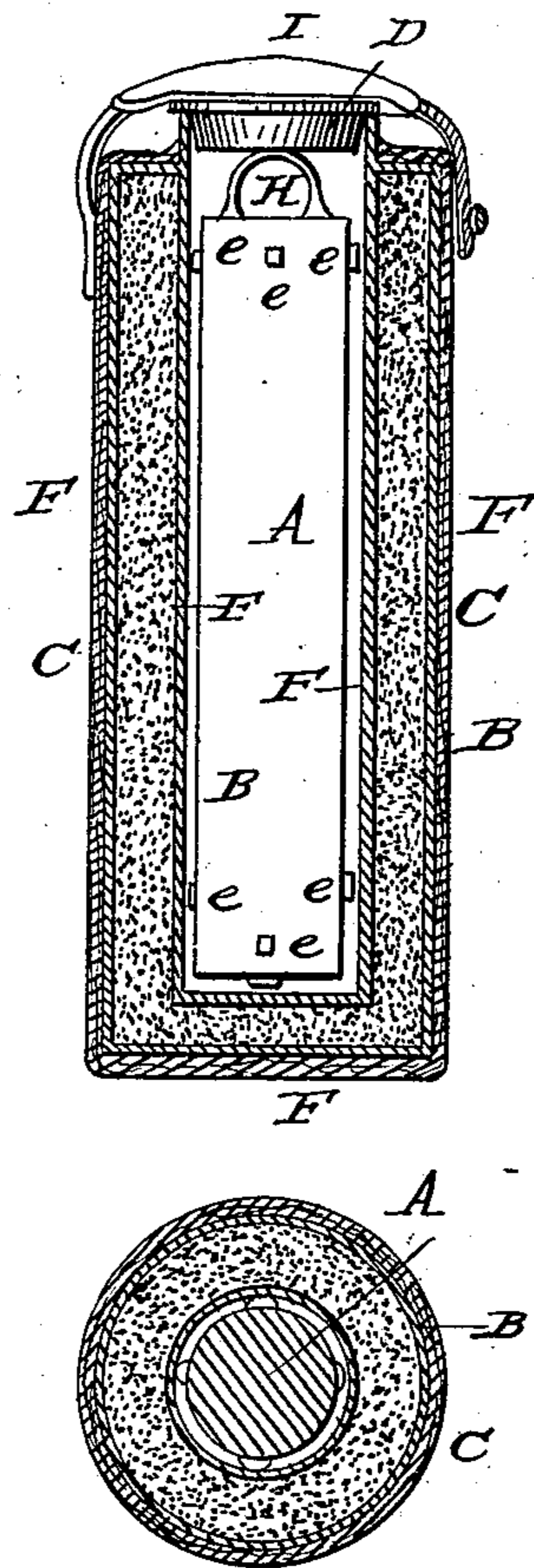


L. M. ROBY.  
Foot Warmer.

No. 95,728.

Patented Oct. 12, 1869.



Witnesses  
Amos  
Charles M. Young,

Inventor  
L M Roby  
by Charles M. Young  
att'y

# United States Patent Office.

L. M. ROBY, OF LEESVILLE, OHIO.

Letters Patent No. 95,728, dated October 12, 1869.

## FOOT OR BED-WARMER.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, L. M. ROBY, of Leesville, in the county of Carroll, in the State of Ohio, have invented a new and useful Improvement in Foot or Bed-Warmers; and that the following, taken in connection with the accompanying plate of drawings, hereinafter referred to, forms a full and exact specification of the same, wherein I have set forth the nature and principles of my said improvement, by which my invention may be distinguished from others of a similar class, together with such parts as I claim, and desire to secure by Letters Patent.

My invention relates to that class of devices which is used for the purpose of retaining heat for the purpose of imparting the same to the feet, or to the beds of invalids, and consists in a cloth-covered cylindrical chamber filled with some non-conducting substance, and enclosing a metallic heat-radiator, all in the manner and form hereinafter specified.

In the accompanying plate of drawings, which illustrates my invention, and forms a part of the specification thereof—

Figure 1 is a longitudinal vertical section, showing the component parts of my invention, to wit, the heat-radiator A, the non-conducting cylindrical chamber B, the cloth covering C, and the stopper D.

Figure 2 is a horizontal section.

The heat-radiator A is formed of any kind of metal which I prefer to make available, and is provided with the projection E, which may either be cast solid with the generator, or otherwise affixed thereto. The object of these projections is to prevent the surface of

the radiator from coming in contact with the inside of the non-conducting cylindrical chamber, and protecting the same from fusion, no matter to what degree the said radiator is heated.

The peripheral surface F, of the cylindrical chamber B, may be composed of any kind of metallic or earthen substances which I deem it expedient to use, and is filled with sand, coal, or some other non-conducting substance.

The plug *d* is a non-conductor of heat, and fits closely upon the handle H of the heat-radiator A, in order to prevent the same from rattling within its receptacle.

The outer covering, composed of cloth or its equivalent, fits closely to the cylinder, and prevents the metal of the same from coming in contact with substances to which the warmer is applied.

The cloth cap F, secured by a button at K, holds the plug D firmly in its place.

I am aware that various devices have been heretofore in use for the purpose of retaining heat, by means of a non-conducting envelope or wrapper. I do not claim broadly an implement for that purpose, irrespective of the arrangement of the parts of the same; but

I claim the arrangement herein described of the metallic heat-radiator A, with its projection E, and the cloth-covered non-conducting cylindrical chamber with its cap I, and plug D, when applied as herein set forth.

L. M. ROBY.

Witnesses:

T. W. SMITH,  
R. H. SMITH.