

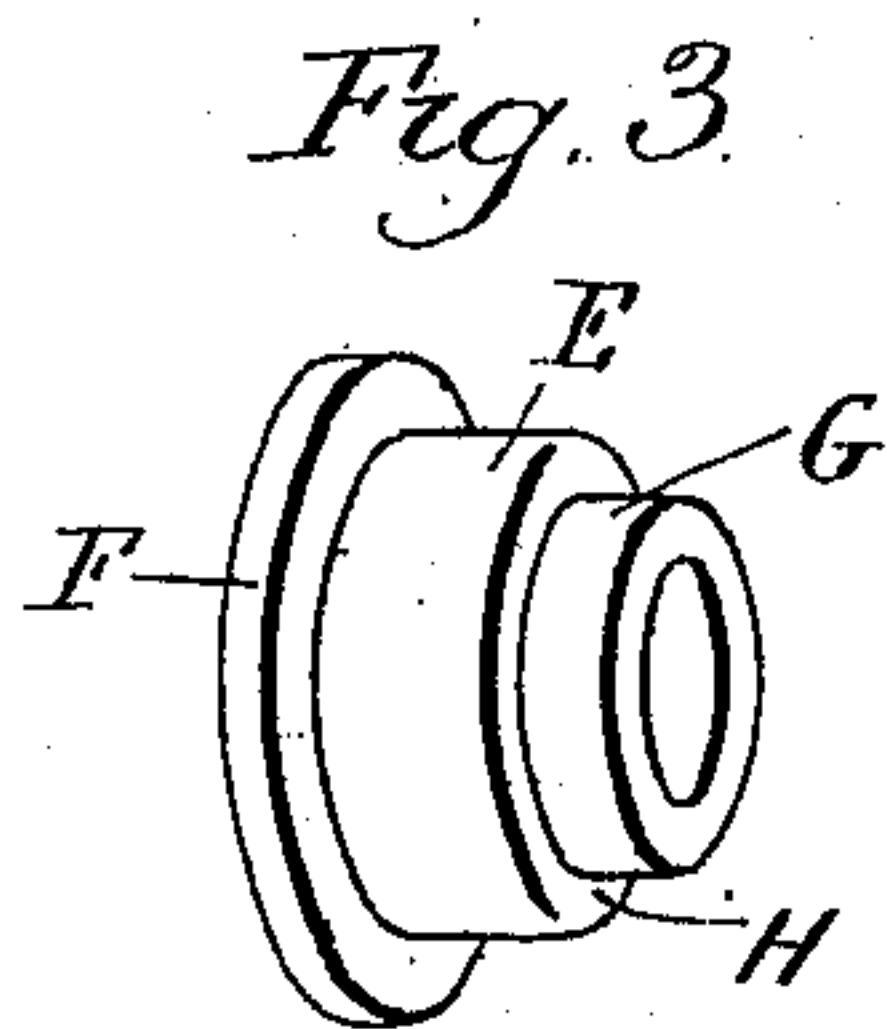
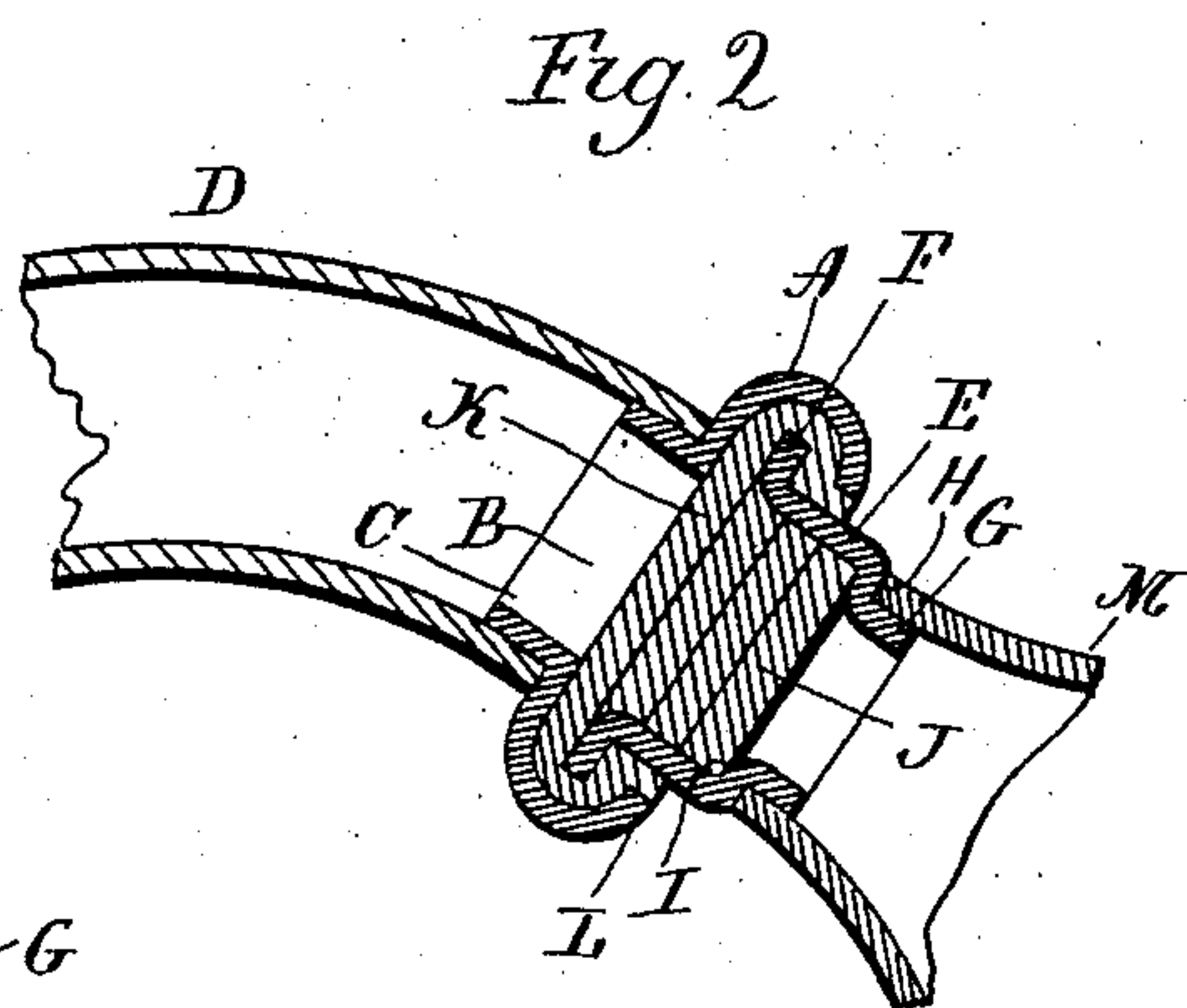
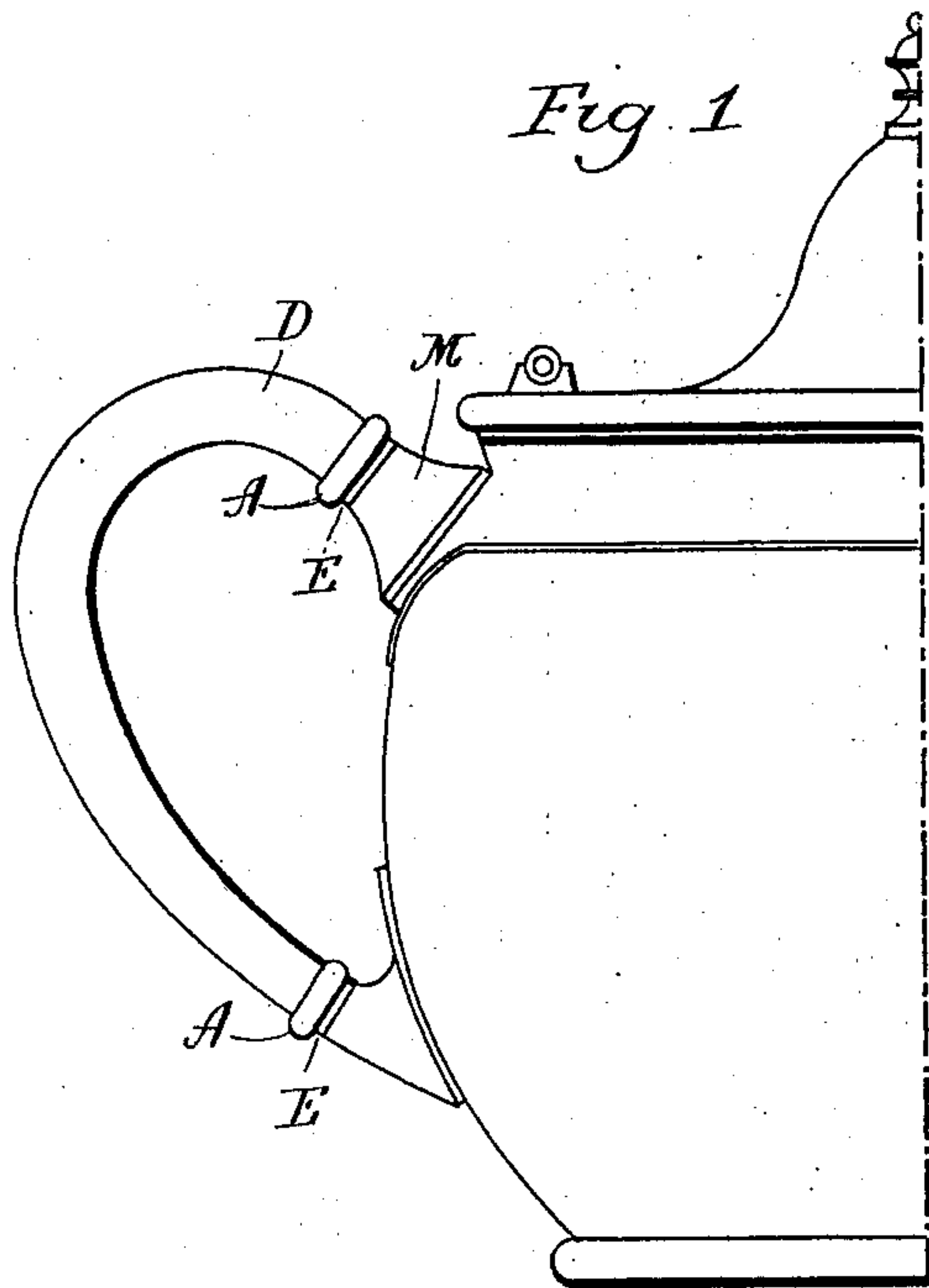
No. 745,331.

PATENTED DEC. 1, 1903.

C. K. DECHERD.
HEAT INSULATOR FOR HANDLED VESSELS.

APPLICATION FILED MAY 13, 1903.

NO MODEL.



Witnesses.
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UNITED STATES PATENT OFFICE.

CONSTANT K. DECHERD, OF MERIDEN, CONNECTICUT, ASSIGNOR TO THE INTERNATIONAL SILVER CO., OF MERIDEN, CONNECTICUT, A CORPORATION OF NEW JERSEY.

HEAT-INSULATOR FOR HANDLED VESSELS.

SPECIFICATION forming part of Letters Patent No. 745,331, dated December 1, 1903.

Application filed May 13, 1903. Serial No. 156,894. (No model.)

To all whom it may concern:

Be it known that I, CONSTANT K. DECHERD, of Meriden, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Heat-Insulators for Handled Vessels; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a side view of a portion of a vessel having a handle secured thereto and insulated therefrom in accordance with my invention; Fig. 2, a sectional view through the insulator, one end of the handle, and a portion of the socket to which it is attached; Fig. 3, a perspective view of the shell-like plug detached.

This invention relates to an improvement in heat-insulators for handled vessels—such as tea, coffee, and hot-water pots of metal—and is an improvement upon the inventions for which Letters Patent No. 666,651 were granted January 29, 1901, and Letters Patent No. 713,862 were granted November 18, 1902.

The insulators shown and described in my previous patents comprise a cup and plug insulated from each other, the plug being secured to a socket on the vessel and the cup to the end of the handle. As shown in these patents, the plug was formed from a solid piece of metal.

The object of this invention is to form a plug from sheet metal, so as to reduce the amount of metal used, and particularly to furnish a more complete insulation; and the invention consists in the construction as hereinafter described, and particularly recited in the claim.

As in my previous patents and as herein shown, I employ a cup A, preferably formed with an opening B, surrounded by a neck or collar C for insertion into and connection with the end of a handle D, the collar being

round or oval, according to the form of the handle with which it is to be employed. The plug E (for convenience I will employ the word "plug") is formed from sheet metal and is of a sleeve-like character, either oval or round, corresponding to the form of the cup A. This sleeve is formed at its inner end with an outwardly-extending flange F and at its outer end with a contracted neck G, which forms an external shoulder H and an internal shoulder I. Into the plug disks J, of insulating material, are placed, the first one being seated upon the shoulder I and the last one flush with the outer face of the flange F. The cup A has a lining K, of insulating material, and into this cup so lined the plug is inserted, and the edge L of the cup is turned over the flange F, so as to interlock the plug with the cup, the linings K, however, completely insulating the cup and plug. The plug is secured in the usual socket M by inserting the neck G into the outer end of the socket, which may bear upon the external shoulder H. The shell-like plug is sufficiently strong to connect the handle with the socket and is as readily applied and insures more perfect insulation.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

An insulator for handled vessels consisting of a cup and a shell-like plug, the inner edge of the shell turned outwardly and forming a flange, the outer end of the shell contracted forming a shoulder, the edge of the cup turned over the flange on the plug, and insulating material between the cup and plug, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

CONSTANT K. DECHERD.

Witnesses:

GEO. C. BREWER,
H. C. HOBSON.