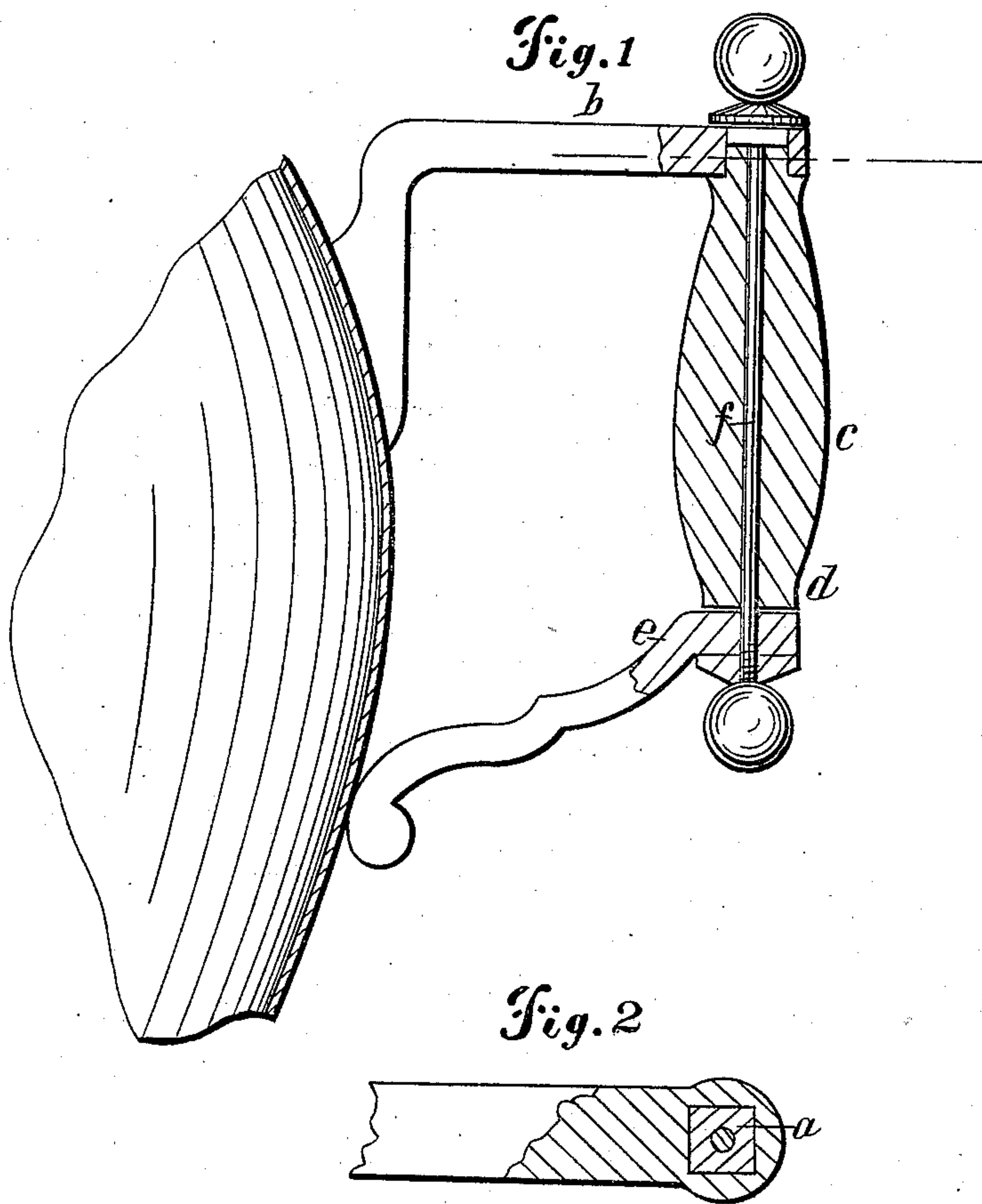


E. W. PORTER.  
Tea Pot Handle.

No. 86,444.

Patented Feb. 2, 1869.



Witnesses;  
Wm A Morgan  
Geo H. Crooke

Inventor;  
E. W. Porter  
per *Mumford*  
Att'y

# United States Patent Office.

EDMUND W. PORTER, OF TAUNTON, MASSACHUSETTS, ASSIGNOR TO THE PORTER  
BRITANNIA AND PLATE COMPANY, OF THE SAME PLACE.

*Letters Patent No. 86,444, dated February 2, 1869.*

## IMPROVEMENT IN HANDLES FOR TEA-POTS.

*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, EDMUND W. PORTER, of Taunton, in the county of Bristol, and State of Massachusetts, have invented a new and useful Improvement in Handles for Tea-Pots, and other metallic table-ware; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to improvements in handles for tea and coffee-pots, and other metallic articles of table-ware, whereby it is designed to provide non-heat-conducting handles, at less expense and of better heat-resisting quality than those now in use, and to apply them in a manner to admit them to be readily detached, when required, for plating, cleaning, &c.

Figure 1 represents a sectional elevation of my improved handle, as applied to a tea-pot, and

Figure 2 represents a transverse section on the line  $x x$  of fig. 1.

Similar letters of reference indicate like parts.

Hitherto, attempts have been made to provide non-conducting handles for tea-pots by interposing washers of bone, ivory, and other similar substances, between the ends of metallic handles and the junction of the same with the metallic brackets, or other means for connecting them to the body of the pot; but this arrangement produces indifferent non-conductors, besides being expensive. Now,

My invention consists in providing handles of wood, hard rubber, or other material of high resisting qualities, and connecting them to the metallic arms, or other means of connection with the body of the vessel, in a detachable manner, so that they may be readily taken off when it may be desirable to replating the said vessels, or to clean them, or for any other purpose.

According to the plan which I prefer for connecting the said handles, I propose to provide a square or other-formed opening,  $a$ , which will prevent the handles from being turned around in the bracket or arm,  $b$ , and form one end of the wood or other non-conducting handle,  $c$ , to fit the said opening, making the said reduced portion of the handle short enough to admit it to be inserted in the hole from the under side of the bracket, and bring the base,  $d$ , into its seat on the inner face of the bracket or arm  $e$ ; and I provide a pin or bolt,  $f$ , having a square or other-formed enlargement near the head, to fit the said opening, into the lower part of which the handle has been introduced, as described, and of sufficient length to pass through the handle lengthwise, and the two brackets or arms  $b c$ , the said handle, and the bracket  $e$ , being fitted with holes for the purpose, and fit on to the end of the said bolt a nut, to hold the whole together, as is clearly shown.

By this simple arrangement, a handle may be readily put in and taken out, and handles of any non-conducting qualities may be used. The heads and nuts of the bolts may be made in any ornamental form desired.

I am aware that non-conducting handles have been heretofore applied to tea-pots and other similar vessels, and I, therefore, do not claim this broadly; but

What I do claim, is—

Detachably connecting the non-conducting handle  $c$  to metallic table-ware by means of the square or other angularly-formed socket in the arm  $b$ , adapted to receive the tenon upon the upper end of the handle, whose lower end rests upon the arm  $e$ , said handle being held in place by the screw-rod  $f$ , as herein shown and described, for the purpose specified.

EDMUND W. PORTER.

Witnesses:

B. B. KELLY,  
GEO. T. ATWOOD.