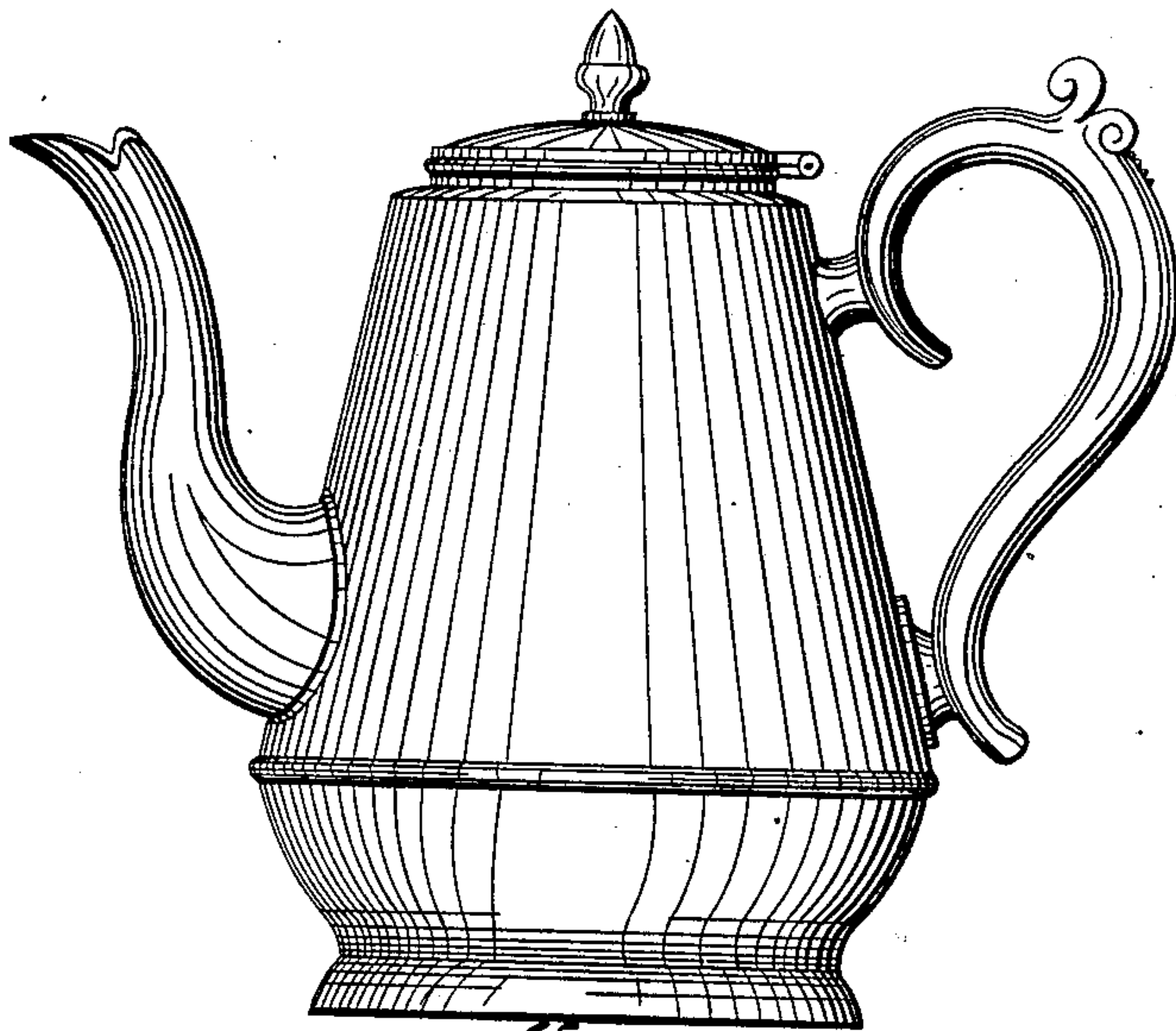


E. B. MANNING.  
Tea and Coffee Pot.

No. 81,186.

Patented Aug. 18, 1868.

*Fig. 1.*



*Fig. 2.*



Witnesses;  
J. A. Shumway  
A. J. Tabbitts

Inventor;  
E. B. Manning

By his Attorney

J. E. Earle

# United States Patent Office.

E. B. MANNING, OF MIDDLETOWN, CONNECTICUT.

*Letters Patent No. 81,186, dated August 18, 1868.*

## IMPROVEMENT IN TEA AND COFFEE-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, E. B. MANNING, of Middletown, in the county of Middlesex, and State of Connecticut, have invented a new Improvement in Tea and Coffee-Pots; 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, and in

Figure 2 a vertical central section.

This invention relates to an improvement in the common Britannia or metal pots. It is a well-known and admitted fact that tea steeped in metal is more or less deleteriously affected by the metal, (so much so that a popular objection exists to metallic tea-drawers,) yet to earthen vessels for this purpose, the liability to breakage creates an objection. My invention, the object of which is to overcome these difficulties and combine in one the advantages of both, consists in a hard-metal body lined with porcelain or similar material hardened thereon, and after being so lined, the body is covered with a softer metal, as Britannia or tin.

To enable others to construct my improvement, I will proceed to describe the same as illustrated in the accompanying drawings.

I construct a body of any desired form, according to the taste of the manufacturer or requirements of the trade, as denoted in solid black, fig. 2, then line the body with the clay while in a plastic state, as denoted in red, fig. 2, and bake in the usual manner to harden the lining. Thus finished, I cover the outside of the iron body with a softer metal, as Britannia or tin, spinning the soft metal thereon so as to conform to the iron body, as denoted in yellow, fig. 3; the spinning process giving all the security necessary for securing the outer coating of metal. I then perforate the outer metal body at the spout, to correspond to the perforations made in the iron and porcelain before the baking process, then attach the spout, handle, and cover in the usual manner, and I have produced a porcelain-lined tea-pot, which to all appearance is an ordinary Britannia or plated pot, as the metal which forms the outer coating may be plated and burnished or finished in the usual manner.

For a tea-drawer, that is to say, a pot in which it is required to steep the tea, a soft-metal outside would be quite as liable to melt as an unlined pot; I therefore deem it advisable, in pots for this purpose, to make a hard-metal bottom and the lower portion of the body, as fully described in the patent granted to E. B. MANNING, June 3, 1862, reissued, June 27, 1865, again reissued, September 26, 1865, for tea and coffee-pots.

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

A tea or coffee-pot constructed with a hard-metal or iron body, the inner side coated with porcelain or similar material, and the outer with soft metal after the lining has been baked, substantially in the manner herein set forth.

E. B. MANNING.

Witnesses:

JOSEPH GUTMAN, Jr.,

EDMUND T. DAVIS.