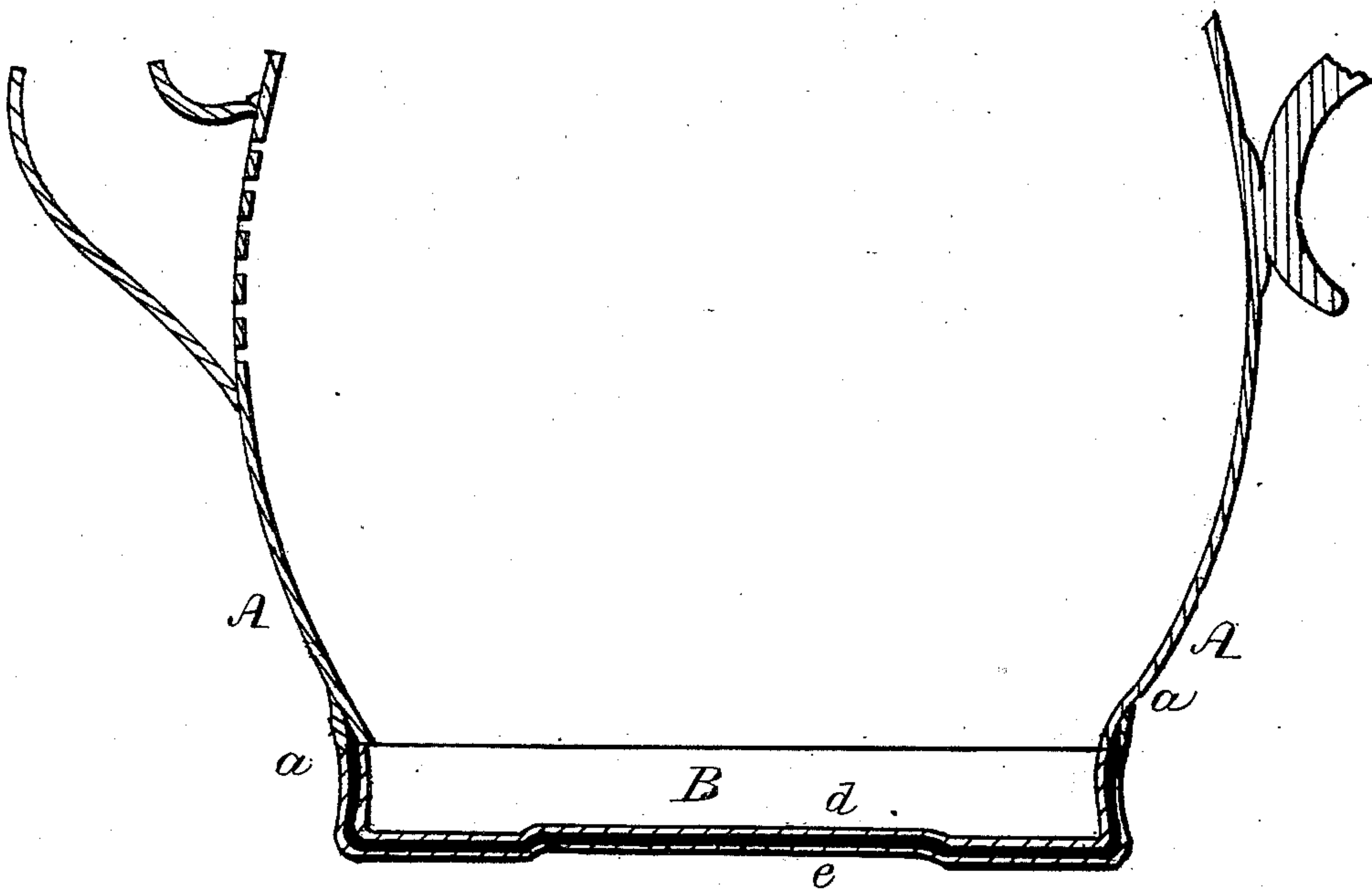


BULLARD & HOLMES.

Coffee Pot Bottom.

No. 90,234.

Patented May 18, 1869



Witnesses;

J. W. Swanney
A. J. Lebits

Inventors;

Henry Bullard & Robert Holmes
By their Attorney
J. E. Carr



HENRY BULLARD AND ROBERT HOLMES, OF MIDDLETOWN, CONNECTICUT.

Letters Patent No. 90,234, dated May 18, 1869.

IMPROVEMENT IN HARD-METAL BOTTOMS FOR 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 we, HENRY BULLARD and ROBERT HOLMES, of Middletown, in the county of Middlesex, and State of Connecticut, have invented a new Improvement in Tea and Coffee-Pots; and we 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 a vertical central section of the lower portion of a tea or coffee-pot.

This invention relates to an improvement in Britannia tea and coffee-pots, especially in that class which is constructed with what are termed fire-proof bottoms, that is, bottoms of a harder metal than Britannia, and capable of sustaining a greater degree of heat, iron, tinned, being the metal commonly used.

While the fire-proof bottom overcomes the liability to injure it by heat, another difficulty arises, which makes it a serious objection to this class of pots, that is, to its liability to rust.

To overcome this objection is the object of our invention, which consists in coating a hard-metal or iron bottom, both inside and out, with porcelain, the iron bottom being soldered to the Britannia top in the usual manner.

To enable others to construct our improvement, we

will proceed to describe the same as illustrated in the accompanying drawings.

A is the top or body of the pot, formed from Britannia or similar metal.

B, the bottom, struck into shape, so as to be attached to the body by solder, as at *a*. It is formed from hard metal, such as iron, and coated, both inside and out, with porcelain, as denoted at *d* and *e*, covering up all exposed portions of the iron.

The coating is done before the attachment of the bottom and body together, inasmuch as the Britannia would not stand the degree of heat required in baking the porcelain.

By this construction, all liability to rust is avoided, as the contents of the pot can in no way come in contact with the metal, and the outside is also protected from dampness, or other causes which might occasion rust.

Having, therefore, thus fully described our invention.

What we claim as new and useful, and desire to secure by Letters Patent, is—

In a tea or coffee-pot constructed with a hard-metal bottom, coating the said hard-metal bottom with porcelain, in the manner and for the purpose set forth.

HENRY BULLARD.
ROBERT HOLMES.

Witnesses:

ELMORE PENFIELD,
JOHN G. PELTEN.