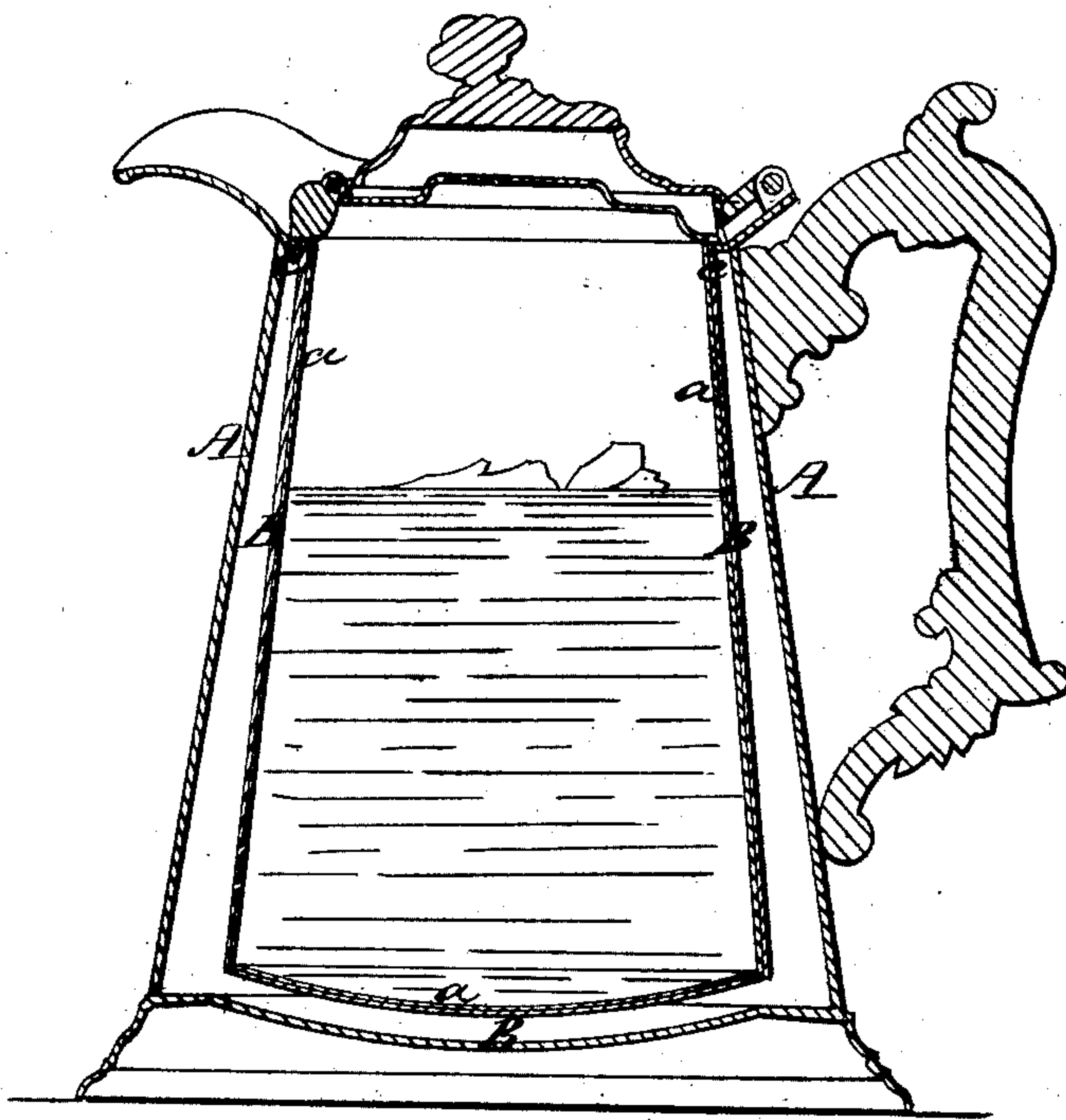


J. H. Stimpson,

Ice Pitcher.

N^o 23,200.

Patented Mar. 8, 1859.



Witnesses
Geo. H. Nelson
J. B. Burleigh

Inventor
James H. Stimpson

UNITED STATES PATENT OFFICE.

JAMES H. STIMPSON, OF BALTIMORE, MARYLAND.

ICE-PITCHER.

Specification of Letters Patent No. 23,200, dated March 8, 1859.

To all whom it may concern:

Be it known that I, JAMES H. STIMPSON, of the city of Baltimore, State of Maryland, have invented a new and Improved Ice-Pitcher; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification, said drawing representing a central vertical section of a double walled pitcher with my improvement.

My invention consists in a double or treble walled pitcher with its inside wall of iron or other metal coated internally with porcelain.

A, is the outer wall of the pitcher which may be made of Britannia or other metal of any design.

B, is the inner wall or shell of iron having an inner lining *a, a*, of glazed porcelain. The said wall or shell B, is made of sheet iron in any suitable manner, or of cast iron or other metal, and tinned at its upper edge, and has soldered to it a flange *c*, whose edge is soldered to the upper part of the outer wall or shell A, or the said porcelain lined inner wall or shell B, may have its upper edge formed with a flange extending outward and the outer edge of it tinned and soldered to the upper part of the outer shell. The porcelain lining of the inner wall or shell B, is applied in the same manner as the porcelain lining of cooking utensils. The exterior of the wall or shell B, may also be coated with porcelain or be japanned, galvanized, painted or otherwise protected against rust.

The advantage of lining double walled ice

pitchers with china or porcelain has long been appreciated, but the method heretofore adopted, of applying such lining viz., by making the inside wall or shell entirely of porcelain, has many defects. In the first place, the inner wall or shell, is very liable to be broken, and again, its expansion and contraction by changes of temperature differs so much from the expansion and contraction of the outer shell or metal that the joint of cement or plaster of paris, by which the two are united soon breaks. To prevent the breaking of the porcelain shell, the space between it and the outer metallic wall or shell, has been filled with felt, but this soon becoming moistened as soon as any crevice is formed for the admission of air or moisture, forms a good conductor of heat and thus defeats the object of the double wall or shell. By making the inner wall or shell of porcelain lined iron and soldering it in its place all the above defects are overcome, and the said wall or shell is made much stronger and more durable than when made of Britannia metal or the other metals commonly employed.

What I claim as my invention and desire to secure by Letters Patent, is—

A double or treble walled ice pitcher having its inside wall or shell composed of iron or other metal lined or coated internally with porcelain as herein described, the same constituting a new article of manufacture.

JAMES H. STIMPSON.

Witnesses:

GEO. NEILSON,

J. B. BURLEIGH, Jr.