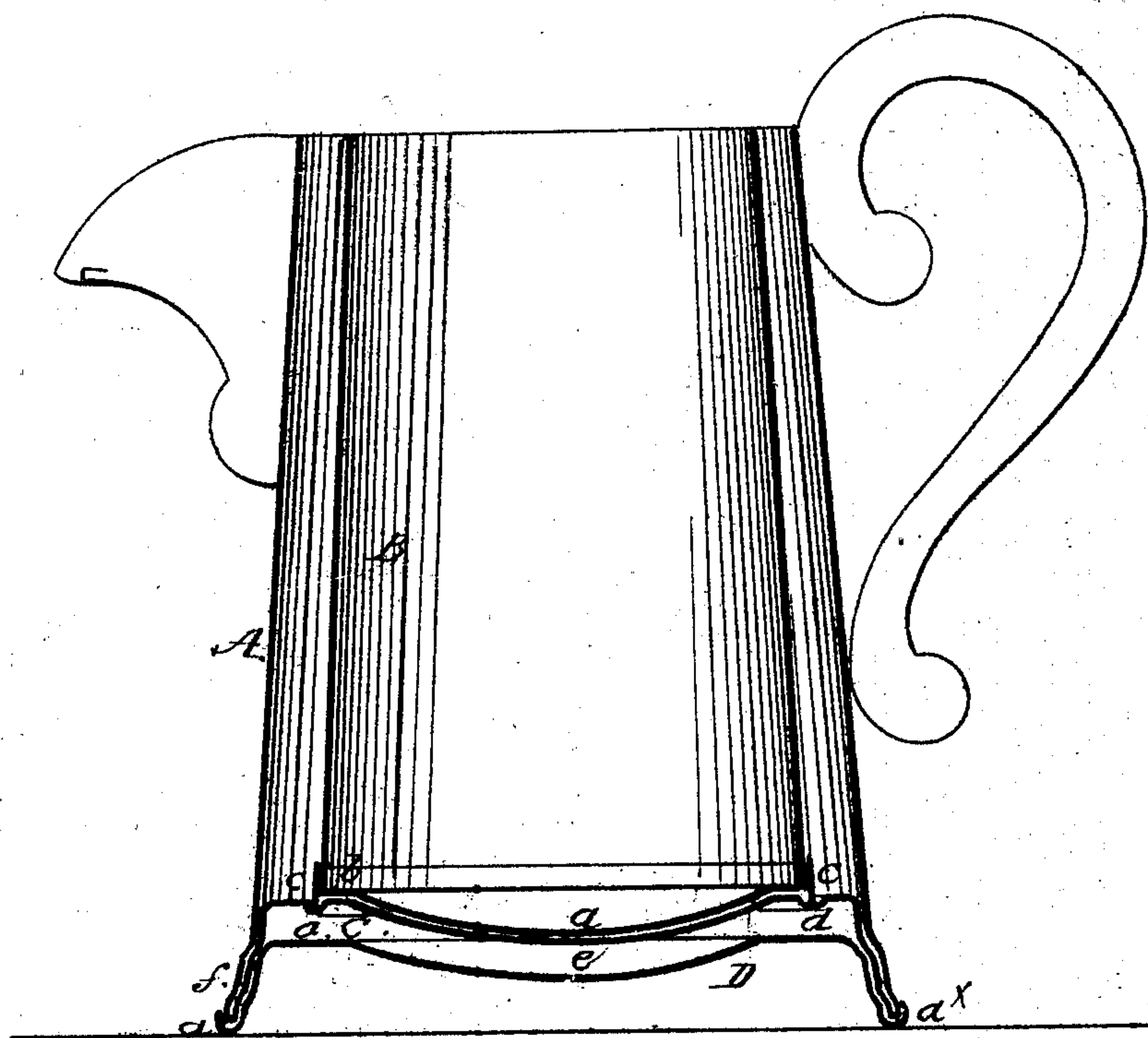


W^m Bellamy,
Ice-Pitchers.

N^o 74,285.

Patented Feb. 11. 1868.



attest
Theo. Fische
Wm. Frewin

Inventor,
Hon. Bellamy
Per Wm. Bellamy
Attorneys

United States Patent Office.

WILLIAM BELLAMY, OF NEWARK, NEW JERSEY.

Letters Patent No. 74,285, dated February 11, 1868.

IMPROVEMENT IN THE CONSTRUCTION OF ICE-PITCHERS.

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, WILLIAM BELLAMY, of Newark, in the county of Essex, and State of New Jersey, have invented a new and useful Improvement in Ice-Pitchers; and that the following description, taken in connection with the accompanying drawing, hereinafter referred to, forms a full and exact specification of the same, wherein I have set forth the nature and principles of my said improvement, by which my invention may be distinguished from all others of a similar class, together with such parts as I claim and desire to have secured to me by Letters Patent.

This invention relates to a new and useful improvement in double-walled metallic pitchers, designed as receptacles for ice-water and iced liquids.

These pitchers are now very generally used, and during the summer months may be seen in almost every household. The great difficulty, however, attending their use is the liability of the inner wall or case to leakage. There are two reasons for this: first, the dismemberment of the bottom of the case from its side, owing to the repeated dropping of lumps of ice upon it; and, second, the corrosion of the bottom by means of acids contained in various liquids placed in the pitchers, and to certain mineral properties contained in many kinds of water, the bottom being the most vulnerable part of the inner case, in consequence of the sediment remaining thereon, and not being fully wiped off when a pitcher is cleaned after being used.

By my improved mode of construction, these difficulties are obviated, as will be fully understood by the following description.

The accompanying drawing represents a vertical central section of my invention.

A represents the outer, and B the inner case of the pitcher. The inner case B has its bottom *a* bent upward at its edge, forming a vertical flange, *b*, all around it, and this flange *b* fits snugly within the bottom of the side of the case B, and is secured to it by solder. On the outer side of the lower end of the case B there is fitted a metallic hoop, *c*, which is also soldered to the case, and this hoop projects a trifle below the lower edge of the case, as shown clearly in the drawing. C represents what may be termed an inner base or shell, which is swaged or spun out of sheet copper, and has its upper formed to correspond with the under surface of the bottom, *a*, of the inner case, so that *a* may rest upon the upper part of C, the whole under surface of the former being in contact with the upper surface of C, and an annular groove, *d*, is made in the upper surface of C to receive the lower edge of the hoop *c*, which is soldered in the groove. D represents a lower base, which is swaged or spun out of white-metal, the same as the other portions of the exterior of the pitcher. This lower base has its lower edge turned upward to receive the lower edge of the inner base, as shown at *a* × C, a space, *e*, being allowed between the two bases, as shown clearly in the drawing. The outer A case is also spun or swaged with a base, *f*, the lower edge of which is fitted in the lower turned-up edge of the base, D, the lower edges of the several bases being all connected by closing the turned-up edge of D. The usual space is allowed between the external and internal cases, as well as between the upper parts of the bases C D, and it will be seen by referring to the drawing that the bottom, *a*, of the internal case, B is firmly supported by the upper part of the base, C, and in the event of the bottom, *a*, being destroyed by corrosion, the copper surface of C will answer for a bottom to B. The base, D, is necessary in order to obtain the double wall at the bottom of the pitcher.

This invention will not affect the cost of manufacture in an appreciable degree, and will add greatly to the durability of this class of pitchers.

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

1. The fitting and securing of the bottom, *a*, to the inner case B, by a vertical flange, *b*, fitted within the lower end of the case, and secured thereto by solder, in connection with the hoop *c*, fitted on the exterior of the lower end of the case, and soldered thereto, substantially as and for the purpose specified.
2. The two bases, C D, fitted one within the other, with a space between their upper parts, in combination with the bottom *a* of the inner case B resting on C, substantially as and for the purpose set forth.
3. The combination of the external and internal cases A B with bases *f* C D and the bottom, *a*, of the internal case B, and the hoop *c* around the lower part of the internal case B, all constructed and arranged substantially in the manner as and for the purpose specified.

W. BELLAMY.

Witnesses:

WM. F. McNAMARA,
ALEX. F. ROBERTS.