

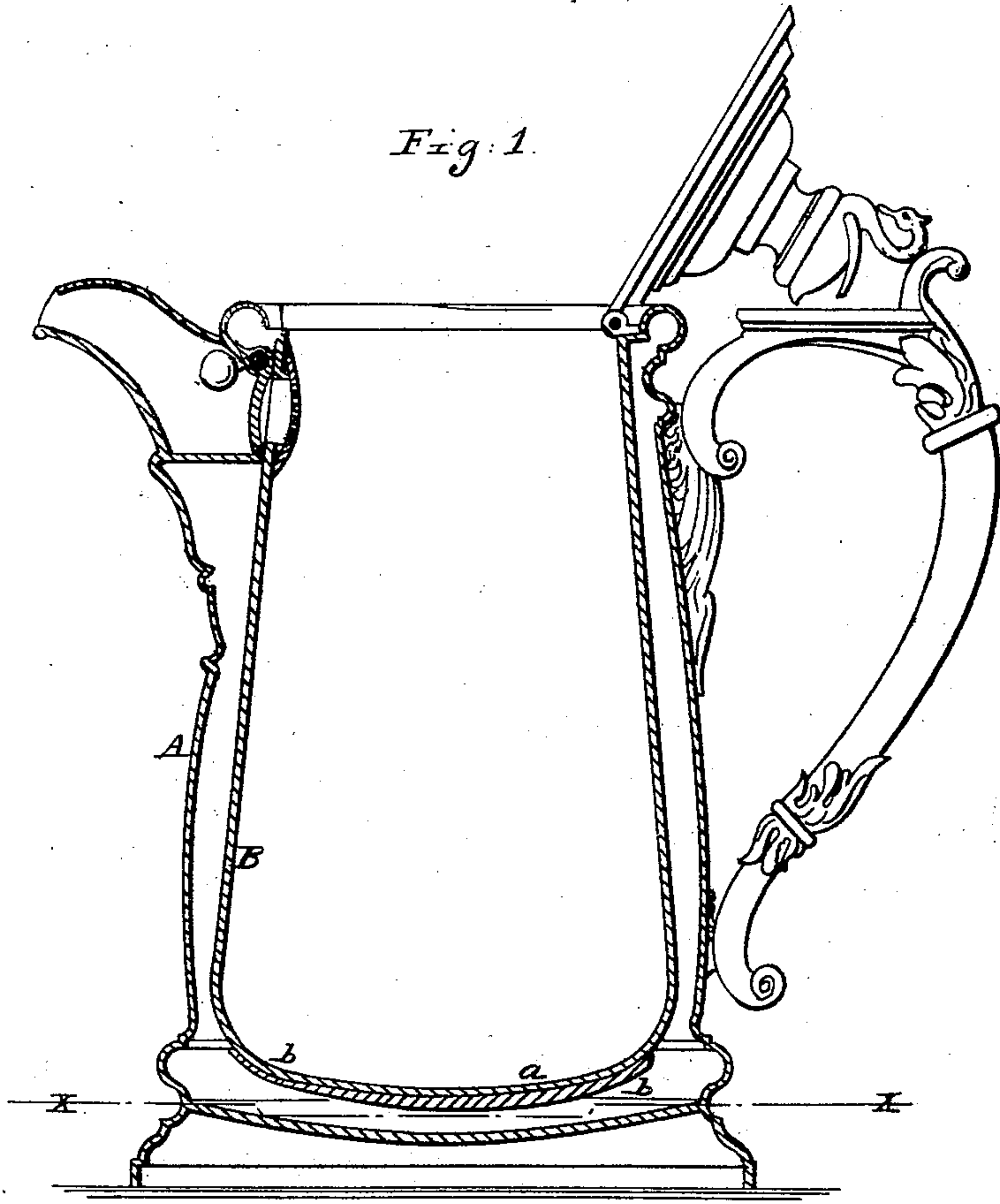
*N. Lawrence,*

*Ice Pitcher,*

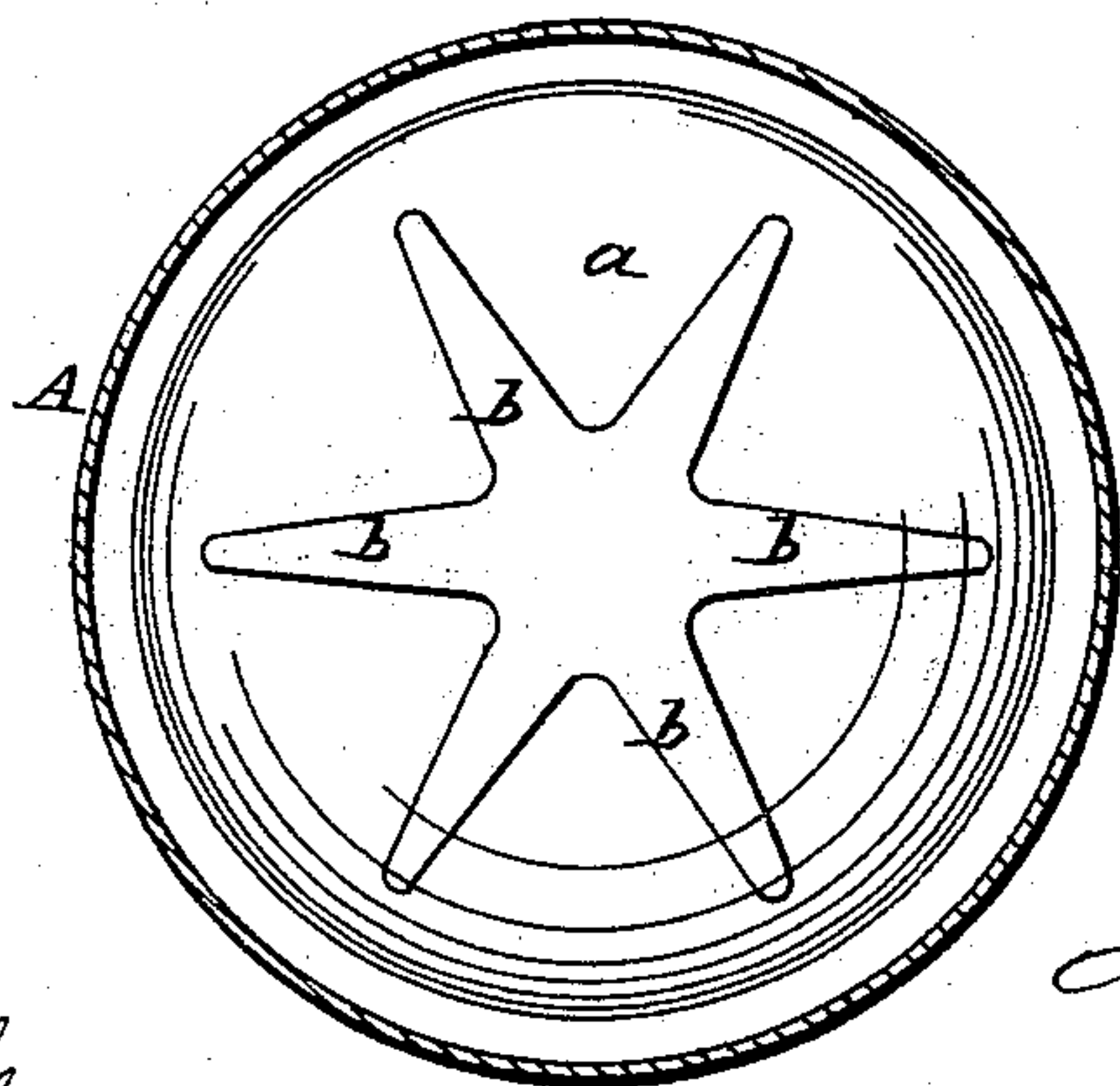
*No 70,582,*

*Patented Nov. 5, 1867.*

*Fig. 1.*



*Fig. 2.*



Witnesses:

*Theo Trusche*  
*Wm Frewin*

Inventor:

*Nathan Lawrence*  
*Per Munn &*  
*Attorneys*

# UNITED STATES PATENT OFFICE.

NATHAN LAWRENCE, OF TAUNTON, MASSACHUSETTS, ASSIGNOR TO REED  
& BARTON, OF SAME PLACE.

## IMPROVEMENT IN THE CONSTRUCTION OF ICE-PITCHERS.

Specification forming part of Letters Patent No. 70,582, dated November 5, 1867.

*To all whom it may concern:*

Be it known that I, NATHAN LAWRENCE, of Taunton, Bristol county, Massachusetts, have invented a new and Improved Ice-Pitcher; 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 a new and useful improvement in double-walled or ice-pitchers, such as are constructed of white-metal, and most generally plated.

Hitherto these pitchers have had their inner wall or lining constructed with a bottom connected to the body or main portion by means of solder, and these bottoms would very frequently become detached or be parted at their joints or seams so as to leak, owing to the throwing of large lumps of ice into the pitcher.

This invention is designed to obviate this difficulty, and to this end I construct the inner wall or lining with a seamless bottom, and also strengthen the same by means of ribs or with a "backing," as hereinafter fully shown and described.

In the accompanying sheet of drawings, Figure 1 is a vertical central section of my invention; Fig. 2, a longitudinal section of the same, looking upward, *xx*, Fig. 1, showing the line of section.

Similar letters of reference indicate corresponding parts.

A represents the outer wall or exterior of the pitcher, and B the inner wall or lining. The outer wall may be of any desired form, and is of usual construction. The inner wall or lining B, however, is spun or swaged out of a single piece of metal, so as to have no seams, as shown clearly in Fig. 1. The bottom *a* of this inner wall or lining I strengthen by sol-

dering ribs *b* to its under side. These ribs may be of any desired shape or form, and they are designed to stiffen the bottom *a*, so that it will not be liable to be ruptured by lumps of ice when thrown into the pitcher.

At present the inner walls of ice-pitchers are constructed of two distinct parts—the sides or body and the bottom, the bottom being attached to the lower edge of the body by means of solder. The difficulty attending this construction is that the bottom is very liable to be forced out, the soldered seam parting under the fall of the lumps of ice which are carelessly thrown into it. My improvement effectually obviates this difficulty.

I would remark that, instead of having the inner wall or lining composed of a single piece, it may be composed of two pieces united by a horizontal seam. In this case the bottom and lower part of the body will be in one piece, and that is the essential point, as the bottom is the vulnerable part, the sides of the inner wall or lining not being subjected to the blows or concussions of the lumps of ice which may be thrown into it.

I claim as new and desire to secure by Letters Patent—

1. An ice or double-walled pitcher having its inner wall or lining spun or swaged out of one piece of metal or swaged out of a single piece, so that the bottom will be seamless, or without a joint, substantially as described.

2. The securing of ribs *b* to the bottom *a* of the inner wall or lining, substantially as and for the purpose specified.

The above specification of my invention signed by me this 25th day of February, 1867.

NATHAN LAWRENCE.

Witnesses:

WM. A. WILLARD,  
JAMES H. DEAN.