

MACKEY & JARBOE.

Sugar Mold.

No. 37,046.

Patented Dec. 2, 1862.

Fig: 1.

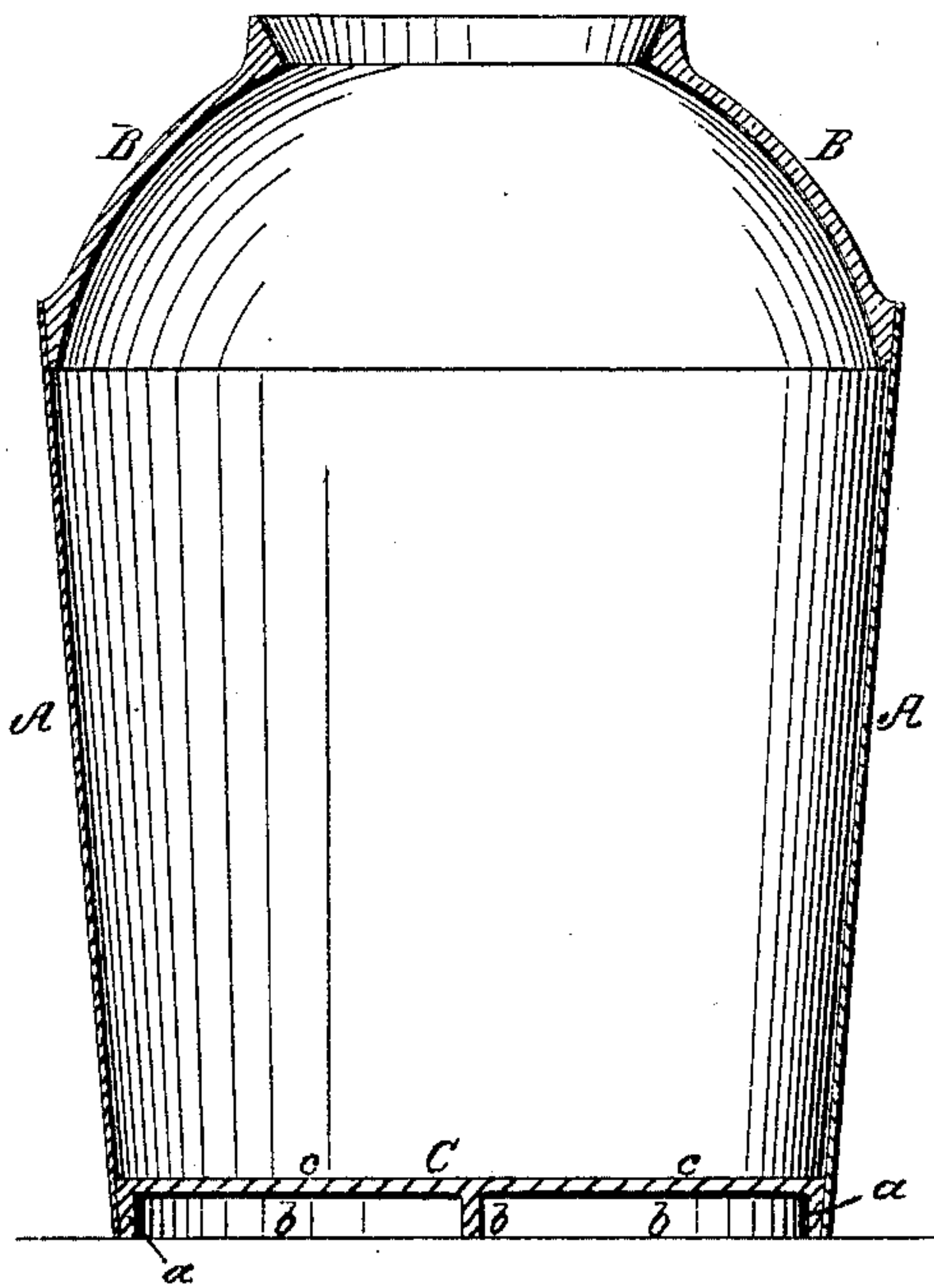
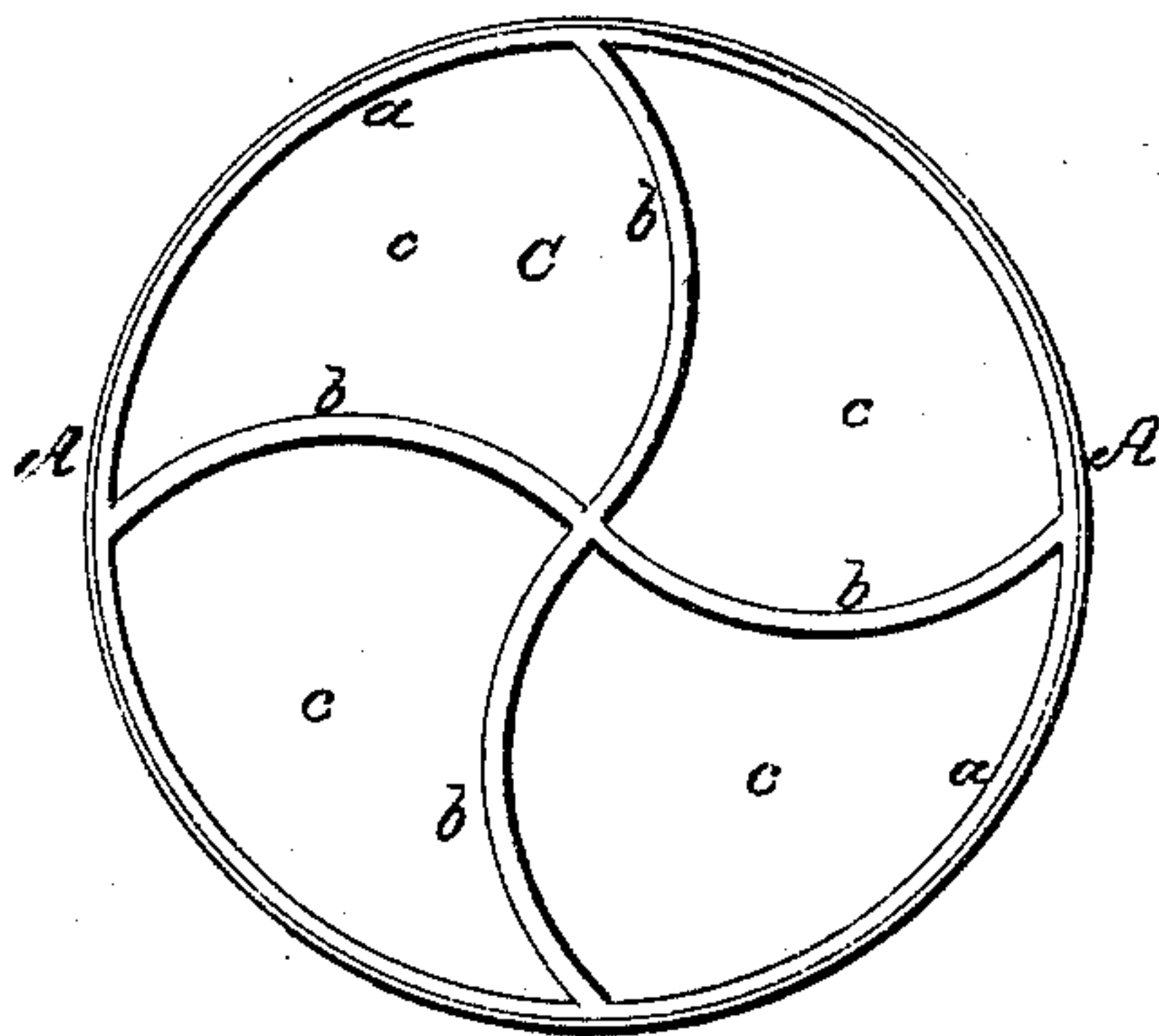


Fig: 2.



Witnesses:
Timothy Shinn
W. S. Postridge

Inventors:
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John W. Jarboe

UNITED STATES PATENT OFFICE.

ALEXANDER MACKEY AND JNO. W. JARBOE, OF NEW YORK, N. Y.

IMPROVEMENT IN DRIP-POTS FOR REFINING SUGAR.

Specification forming part of Letters Patent No. 37,046, dated December 2, 1862.

To all whom it may concern:

Be it known that we, ALEXANDER MACKEY and JOHN W. JARBOE, of 401 Cherry street, in the city, county, and State of New York, have invented a new and useful Improvement in the Drip-Pots used in the Refining of Sugar; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a central vertical section of a drip-pot with our improvement; and Fig. 2, an inverted plan of the same.

Similar letters of reference indicate corresponding parts in both figures.

The drip-pots commonly employed for the draining of the molds in the manufacture of sugar are made with cast-iron bottoms of uniform thickness, and in placing away the pots one above another in the sugar-house, the bottoms are often cracked or broken by being brought down violently upon the edges of the necks of those upon which they are placed.

The object of our invention is to prevent such fracture; and to this end it consists in strengthening the bottoms by casting them with ribs projecting in such manner that in the setting down of the pots on the tops of others the ribs, where the greatest strength is, will always strike the necks of the pots below them.

To enable others to construct the pots ac-

cording to our invention, we will proceed to describe it with reference to the drawings.

A represents the body of the pot made of sheet-iron; B, the top made of cast-iron; and C, the cast-iron bottom cast with a rim, *a*, projecting downward all round it, and with ribs *b b* on its exterior, uniting with the said rim, and converging toward the center of the bottom, where they unite, as shown in Fig. 2. The rim *a* is riveted to the body. The said ribs *b b* may be differently arranged, and either curved or straight; but we generally make four curved ones, as shown in Fig. 2, as with that number and arrangement, if they are of proper depth, sufficient protection is afforded to prevent the thin parts *c c* of the bottom from striking on the top of the neck of another pot, some portion or portions of the ribs themselves always striking, in whatever position the pot is set down.

We do not confine ourselves to any particular construction of the body and top of the pot; but

What we claim as our invention, and desire to secure by Letters Patent, is—

The construction of a drip-pot with a ribbed bottom, substantially as and for the purpose herein specified.

ALEXANDER MACKEY.
JOHN W. JARBOE.

Witnesses:

TIMOTHY SLIME,
M. S. PARTRIDGE.