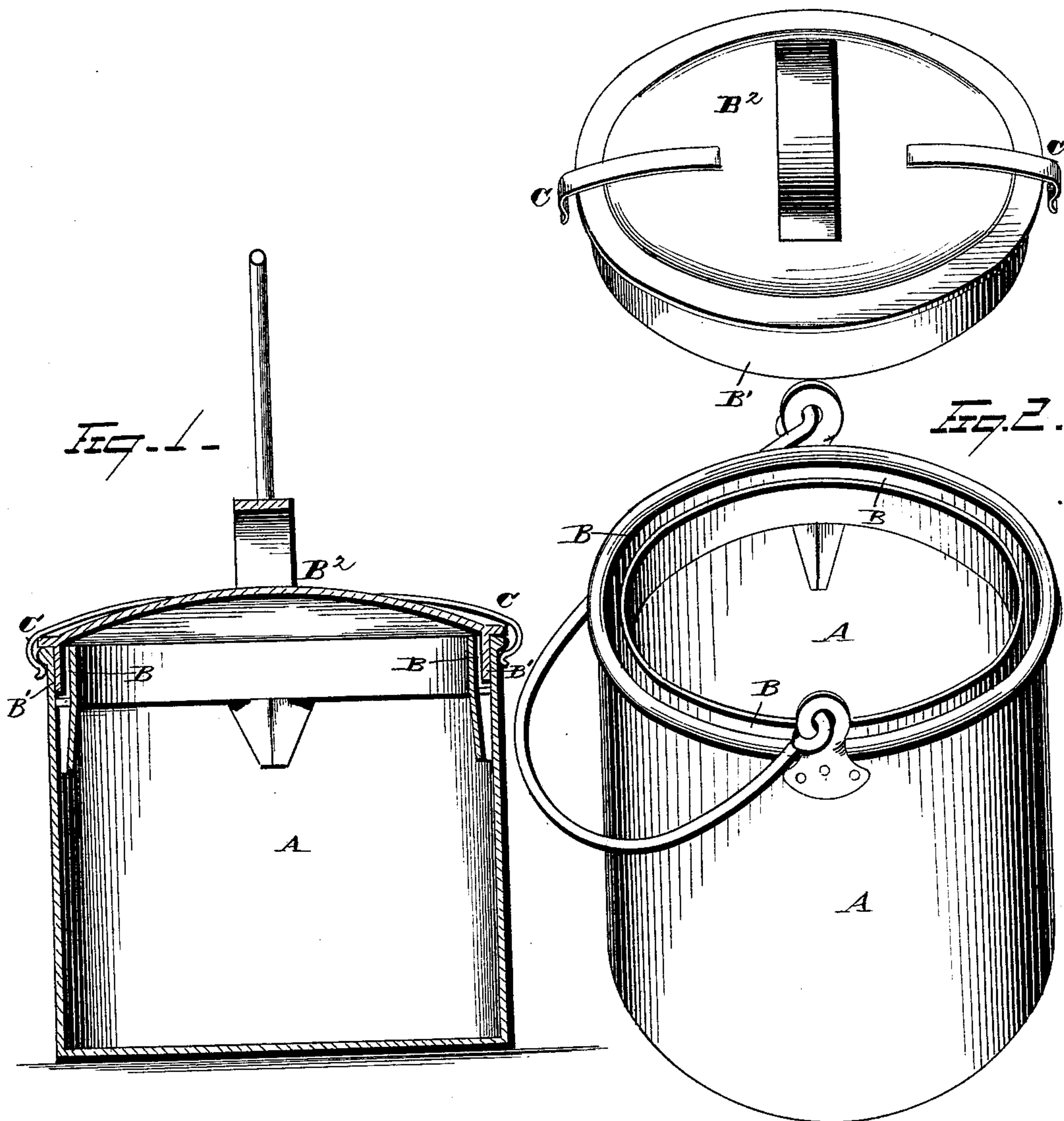


B. GOODMAN.
Pail.

No. 222,585.

Patented Dec. 16, 1879.



WITNESSES
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UNITED STATES PATENT OFFICE.

BENEDICT GOODMAN, OF AUBURN, INDIANA.

IMPROVEMENT IN PAILS.

Specification forming part of Letters Patent No. **222,585**, dated December 16, 1879; application filed August 18, 1879.

To all whom it may concern:

Be it known that I, BENEDICT GOODMAN, of Auburn, in the county of De Kalb and State of Indiana, have invented certain new and useful Improvements in Pails; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to pails and other containers for holding fluid.

Heretofore in articles of this class a difficulty and objection have existed—viz., the liability of the fluid contents to splash and leak out beneath the cover or lid, on account of the jolting incident to carriage.

My invention has for its principal object the prevention of any escape of said liquid contents from between the cover or lid and the body of the container.

My invention consists in the construction and combination of parts hereinafter specified and claimed.

In the drawings, Figure 1 represents my device in longitudinal vertical section; Fig. 2, an isometric view of the same.

In the said drawings, A is the body of the pail or can, the upper portion of which is provided with a shallow annular groove, B, into which fits the rim or flange B' of the lid or cover B². The bottom of the annular groove B has one, two, or more vents, opening downward into the body of the container A, so that any fluid finding its way into said groove B will, by its gravity, flow down through these vents into the container. The union of the body A with its annular groove B, and the lid or cover with its flange B', forms a tongue-and-groove joint or connection.

C C are retaining-springs, which may be fastened either to the lid, as shown in the drawings, or to the body of the container A; and these springs are shaped in such a manner as to clamp and secure the cover to the

container, and to prevent its accidental displacement.

The operation of my device is as follows: If the container is filled, say, with water or milk, and the lid placed in position, as shown in Fig. 1 of the drawings, the fluid would be prevented from splashing and escaping from beneath the lid B², because before it could thus escape it would have to pass into the annular groove B upon the inside of the flange B', thence up upon the outside of said flange B', and out between the lid and container. This is impossible, because before the fluid would pass upward upon the outside of the flange B' it will drain down through the vent-openings again into the container.

The springs C will always operate to retain the can or pail and its cover in proper position and relation with each other.

Without varying from the spirit of my invention, the mere form of the different parts of my device may be varied, and I therefore do not narrowly confine myself to the exact construction shown, so long as the upper rim of the container has the annular groove B, into which shall enter a flange or rim from the lid or cover B². Likewise may the retaining device C be infinitely varied without any departure from my invention.

Any locking or retaining mechanism instead of the specific spring C may be employed to perform the function already pointed out.

What I claim is—

The container having its upper rim provided with a groove, B, said groove having vent-openings at its lower portion discharging within said container, and a lid or cover, B², the flange B' of which is constructed to enter said annular groove, substantially as shown.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

BENEDICT GOODMAN.

Witnesses:

W. MCINTYRE,
JAMES E. ROSE.