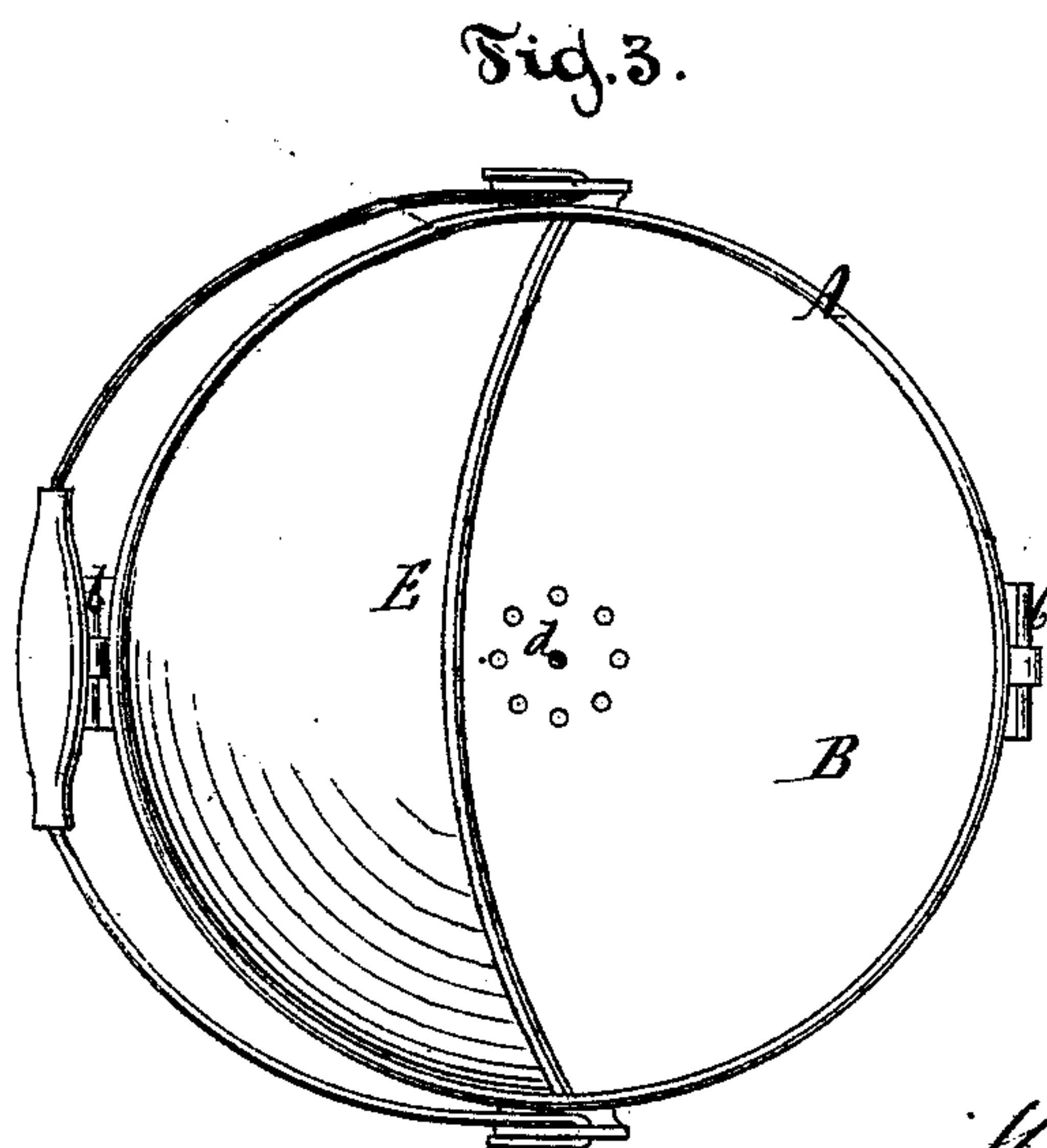
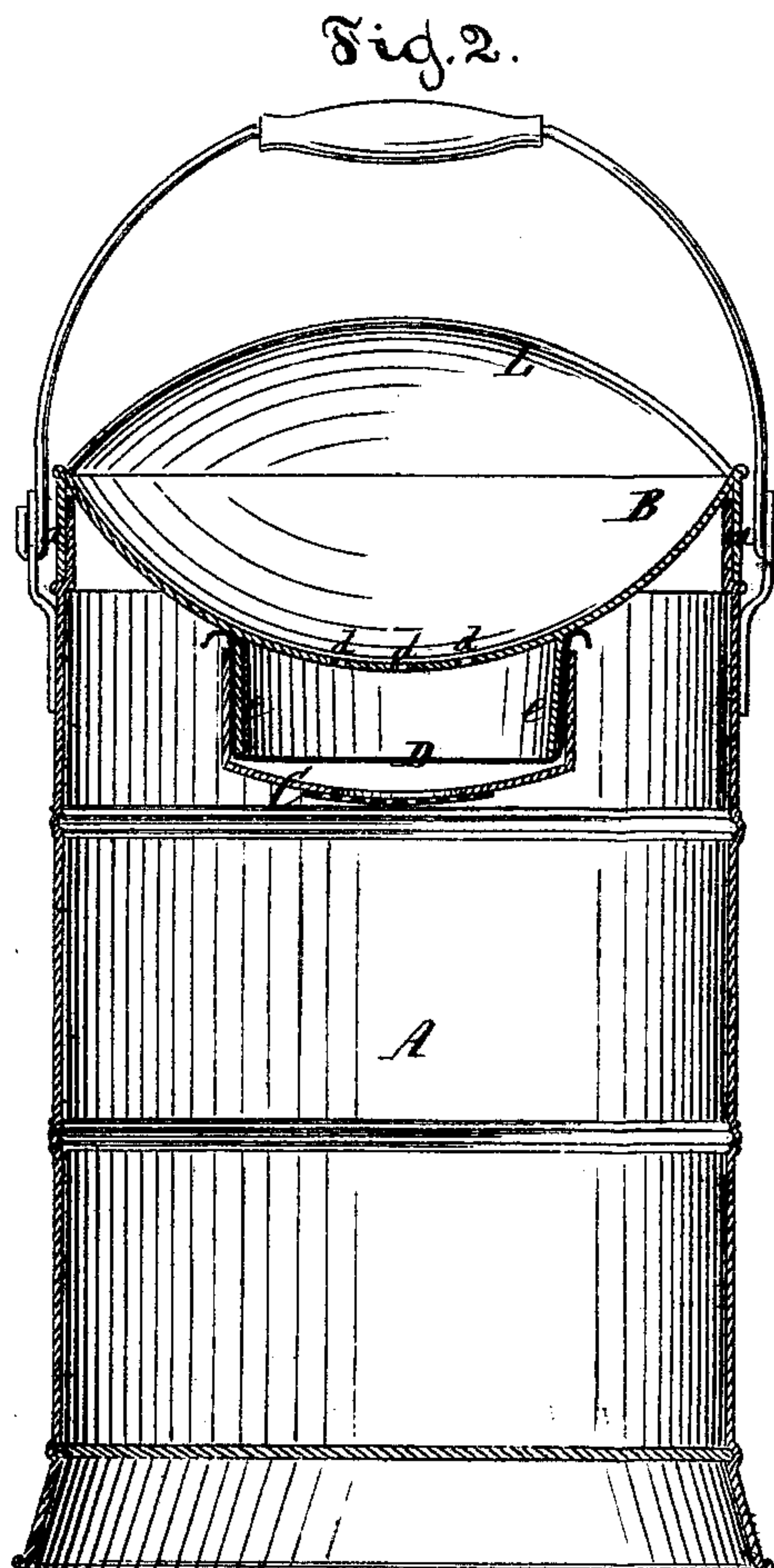
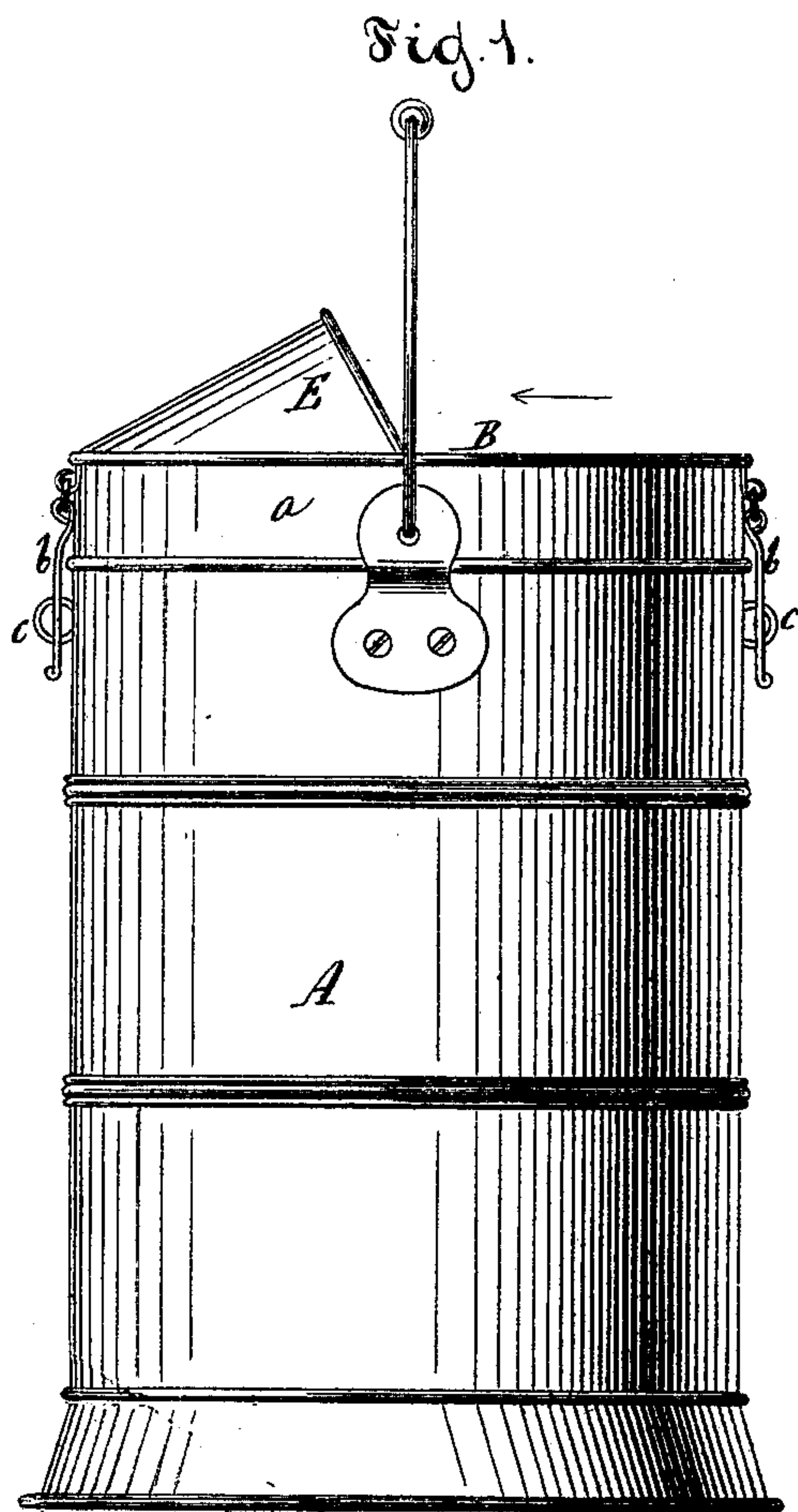


HENRY HASSENPFUG.  
Improvement in Milk-Strainers.  
No. 126,542. Patented May 7, 1872.



Witnesses.  
Ernst Bilhuber  
Charles Wählers.

Inventor.  
Henry Hassenpflug  
per  
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Attors



# UNITED STATES PATENT OFFICE.

HENRY HASSENPFUG, OF HUNTINGDON, PENNSYLVANIA.

## IMPROVEMENT IN MILK-STRAINERS.

Specification forming part of Letters Patent No. 126,542, dated May 7, 1872.

*To all whom it may concern:*

Be it known that I, HENRY HASSENPFUG, of Huntingdon, in the county of Huntingdon, State of Pennsylvania, have invented a new and Improved Straining-Bucket; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents a side view of my invention. Fig. 2 is a vertical central section of the same in the plane *x x*, Fig. 1. Fig. 3 is a plan or top view of the same.

Similar letters indicate corresponding parts.

This invention consists in combining with a bucket a top with a concave surface that is perforated in its center with a number of small holes, and from the lower surface of which projects a tapering rim, arranged to receive a cup containing a wire gauze-strainer, with or without an intervening strainer of muslin or other textile material, said top being provided with a guard, and with latches serving to lock the same down upon the bucket in such a manner that by the guard the milk or other liquid poured in the concave top is prevented from being spilled, and by the combined action of the openings in the concave top and of the strainer or strainers attached to the under surface thereof, the impurities which may be contained in said liquid are effectually prevented from passing down into the bucket, while said top being locked to the bucket is prevented from dropping off if the bucket should be accidentally upset, and thereby the loss of the liquid contained in the bucket is avoided.

In the drawing, the letter A designates a bucket, which is intended particularly for a milking-bucket, but which may also be used for other purposes. On this bucket is fitted a top or cover, B, which is provided with a rim, *a*, hugging the edge of the bucket, and the surface of which is concave, as shown in Fig. 2. On the rim of the top are two latches, *b*, which can be made to catch over staples or

lugs *c*, secured to the bucket A, so as to lock the top in its position, and prevent it from being thrown off if the bucket should be kicked over during the operation of milking, or if it should be accidentally upset from any other cause. By this arrangement the loss of the contents of the bucket is prevented. In the central portion of the concave top is a number of small holes, *d*, and from the under surface of said top projects a rim, *e*, which is slightly tapering, so that it is fit to receive a cup-shaped strainer, C, and that, if desired, an additional strainer, D, of muslin or other textile material may be inserted between the strainer C and the rim *e*. The perforated portion of the strainer C is, by preference, made of wire-gauze. One-half of the top B is covered by a guard, E, which prevents the milk or other liquid, on striking the concave top, from being spilt over the edge of said top.

By the combined action of the holes *d* and of the strainer C D, the impurities which may be contained in the liquid poured on said top are prevented from passing down into the bucket; and the strainers C D are easily removed, whenever it is desirable, for the purpose of cleaning or otherwise, and, if desired, the muslin strainer D may be omitted, the rim *e* being tapering, so that the same will retain the strainer C even when the muslin-strainer has been removed.

My bucket can be used with great advantage as a milking-bucket, and also for straining the juice of berries or any other liquid, which may require to be strained.

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

The top B, provided with a guard, E, and with a concave perforated surface, from which projects a tapering rim, *e*, for the reception of strainers C D, in combination with a bucket, A, substantially in the manner herein shown and described.

HENRY HASSENPFUG.

Witnesses:

CHARLES S. HASSENPFUG,  
W. HAUFF.