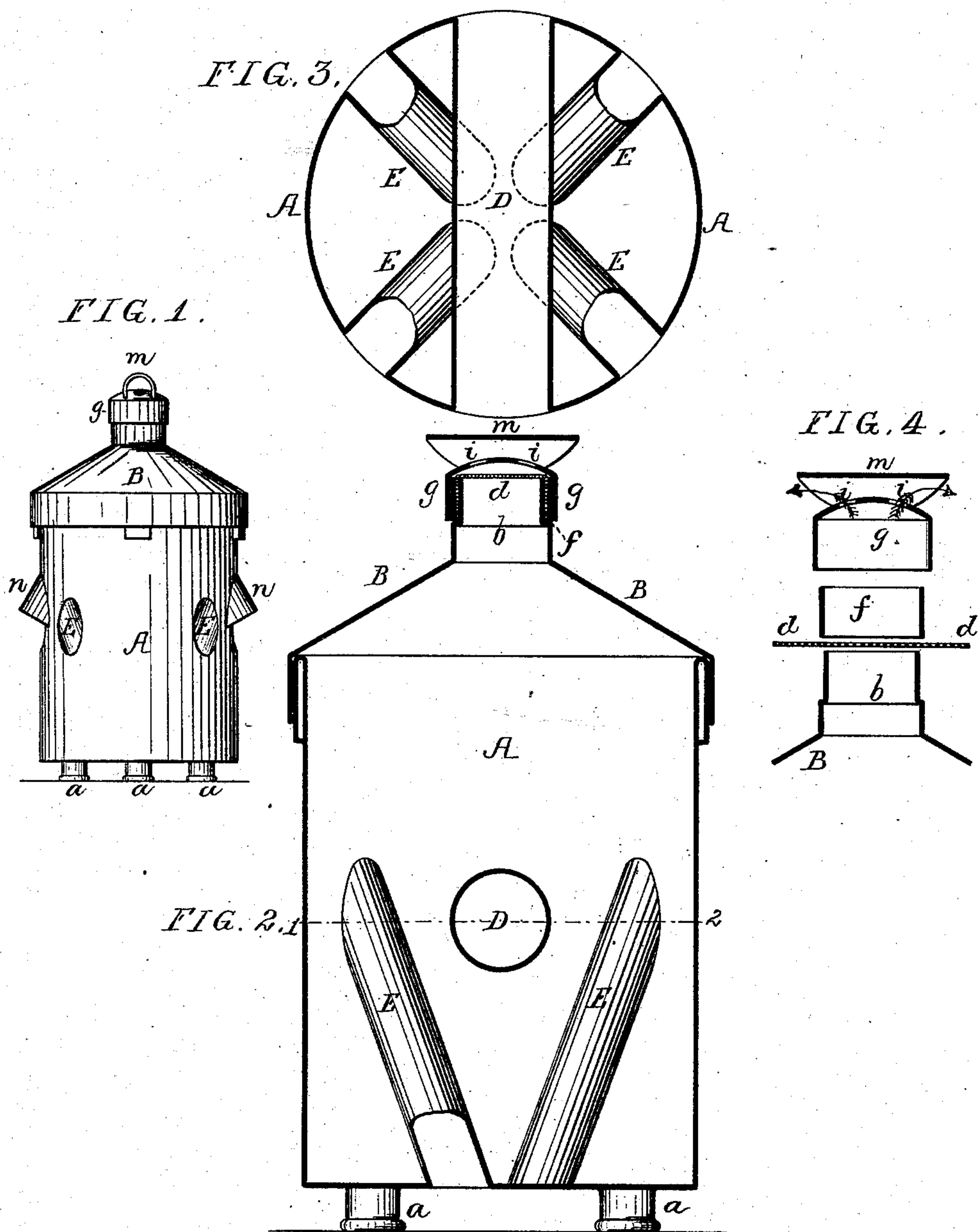


(No Model.)

P. J. HUBER.  
Milk Can.

No. 238,905.

Patented March 15, 1881.



Witnesses.

David Williams

James F. Tobin.

Inventor  
Phillip J. Huber,  
by his attorneys  
Howson and son

# UNITED STATES PATENT OFFICE.

PHILLIP J. HUBER, OF FORT ATKINSON, IOWA.

## MILK-CAN.

SPECIFICATION forming part of Letters Patent No. 238,905, dated March 15, 1881.

Application filed December 24, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, PHILLIP J. HUBER, a citizen of the United States, residing in Fort Atkinson, Winneshiek county, Iowa, have invented certain Improvements in Milk-Cans, of which the following is a specification.

The object of my invention is to so construct a milk-can that the perfect ventilation of the interior of the same will be insured and the rapid cooling of the milk effected; and this object I attain in the manner which I will now proceed to describe, reference being had to the accompanying drawings, in which—

Figure 1 is a side view of my improved milk-can; Fig. 2, a vertical section of the same on a larger scale; Fig. 3, a sectional plan of Fig. 2 on the line 1 2; and Fig. 4 a detached view of the parts composing the central tubular nozzle on the cover.

A represents the body of the can, which may be of any desired dimensions and sectional form, and is provided with a cover, B, of the usual conical form.

Extending transversely through the can, at or about the center of its height, is a tube, D, open at both ends, and four similar open-ended tubes, E, extend diagonally from the sides of the can to the bottom of the same, the can being supported on suitable feet *a*, so that there is a space beneath the bottom, as shown in Figs. 1 and 2. By this means channels are formed through which air circulates, the tubes being thereby cooled and the temperature of the milk in contact with the tubes rapidly reduced, so that the proper cooling of the milk after its introduction into the can is effected in much less time than in an ordinary can.

The cover B of the can has a central tube, *b*, the top of which is closed by means of a piece of fine gauze or loosely-woven fabric, *d*, the latter being held in place by means of a retaining-ring, *f*. This gauze or fabric permits the escape from the interior of the can of the vapors and odors from the milk, and thus provides for the ventilation of the can; and

said gauze or fabric can be utilized in straining the milk as the latter is poured into the can, the cover B in this case being fitted to the can upside down.

In order to protect the fabric *d* from injury a cap, *g*, is fitted to the confining-ring *f*, said cap having in the top openings *i*, which are covered by a semicircular shield, *m*, so that while the vapors and gases evolved from the milk can pass freely through the openings, the entrance of water or dirt is prevented by the shield.

Shields *n* are arranged at the ends of the central tube, D, of the can, these shields serving as handles, whereby the movement of the can from place to place is facilitated.

I do not desire to claim, broadly, a milk-can having air passages or tubes and a ventilating-cover, as various forms of such cans have been heretofore devised; but

I claim as my invention and desire to secure by Letters Patent—

1. The milk-can A, having internal open-ended tubes, E, extending diagonally from the bottom to the sides of the can, as specified.

2. The combination of the can A with the transverse open-ended tube D and the open-ended tubes E, extending diagonally from the bottom to the sides of the can, as specified.

3. The combination of the cover B, having the central tube, *b*, with its covering *d* of fabric or gauze, and retaining-ring *f* therefor, and the cap *g*, fitting over said covering and ring and having openings *i*, as set forth.

4. The combination of the cover B, having the central tube, *b*, with covering *d* and retaining-ring *f*, and the cap *g*, having openings *i* and shield *m*, as set forth.

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

PHILLIP J. HUBER.

Witnesses:

FRANK SCHREIBER,  
WM. BECKER.