No. 619,753. Patented Feb. 21, 1899.

H. S. HUNT.

CREAMING CAN.

(Application filed Sept. 17, 1897.)

(No Model.)

Fig. 1.

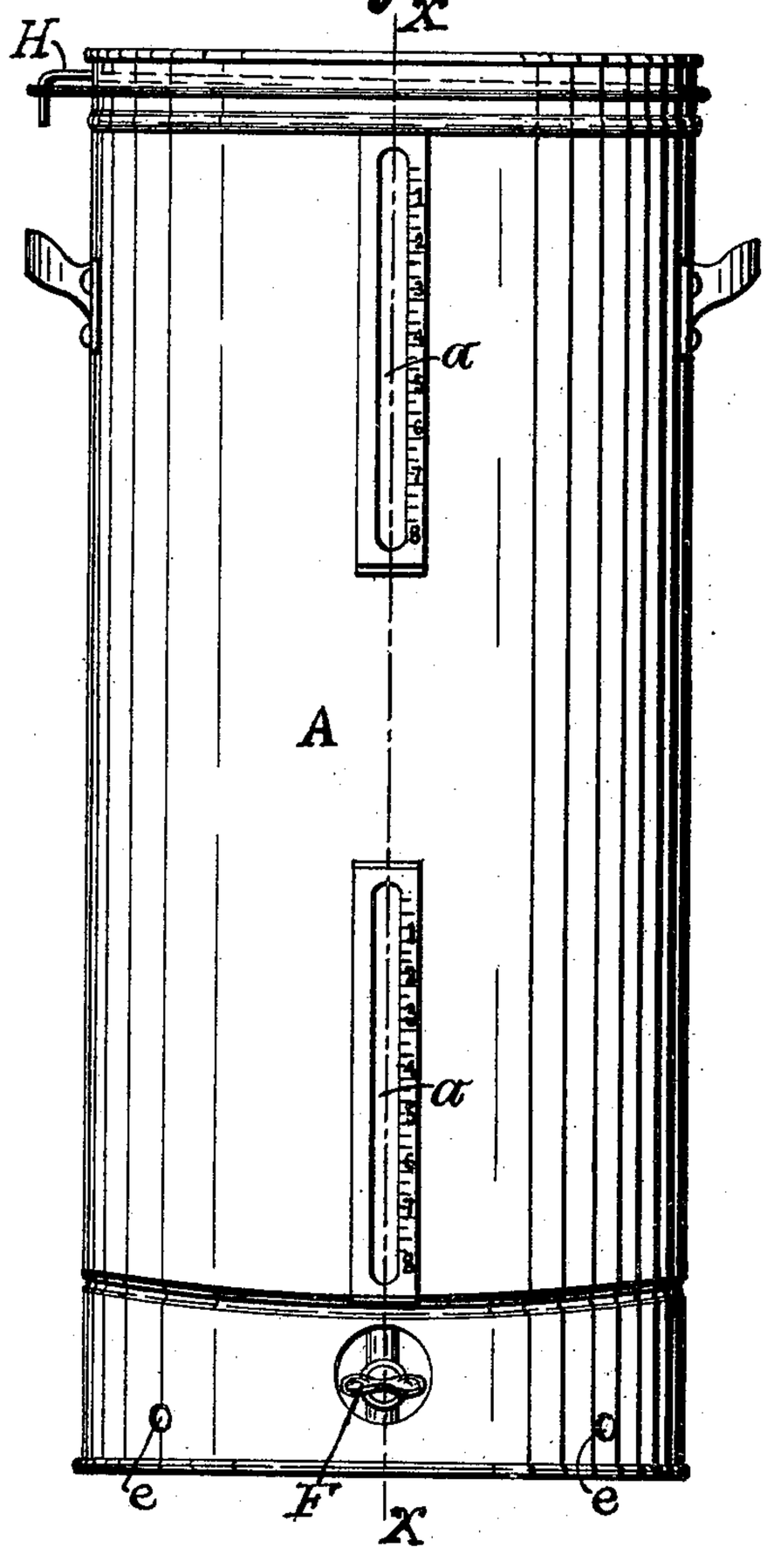


Fig. 2.

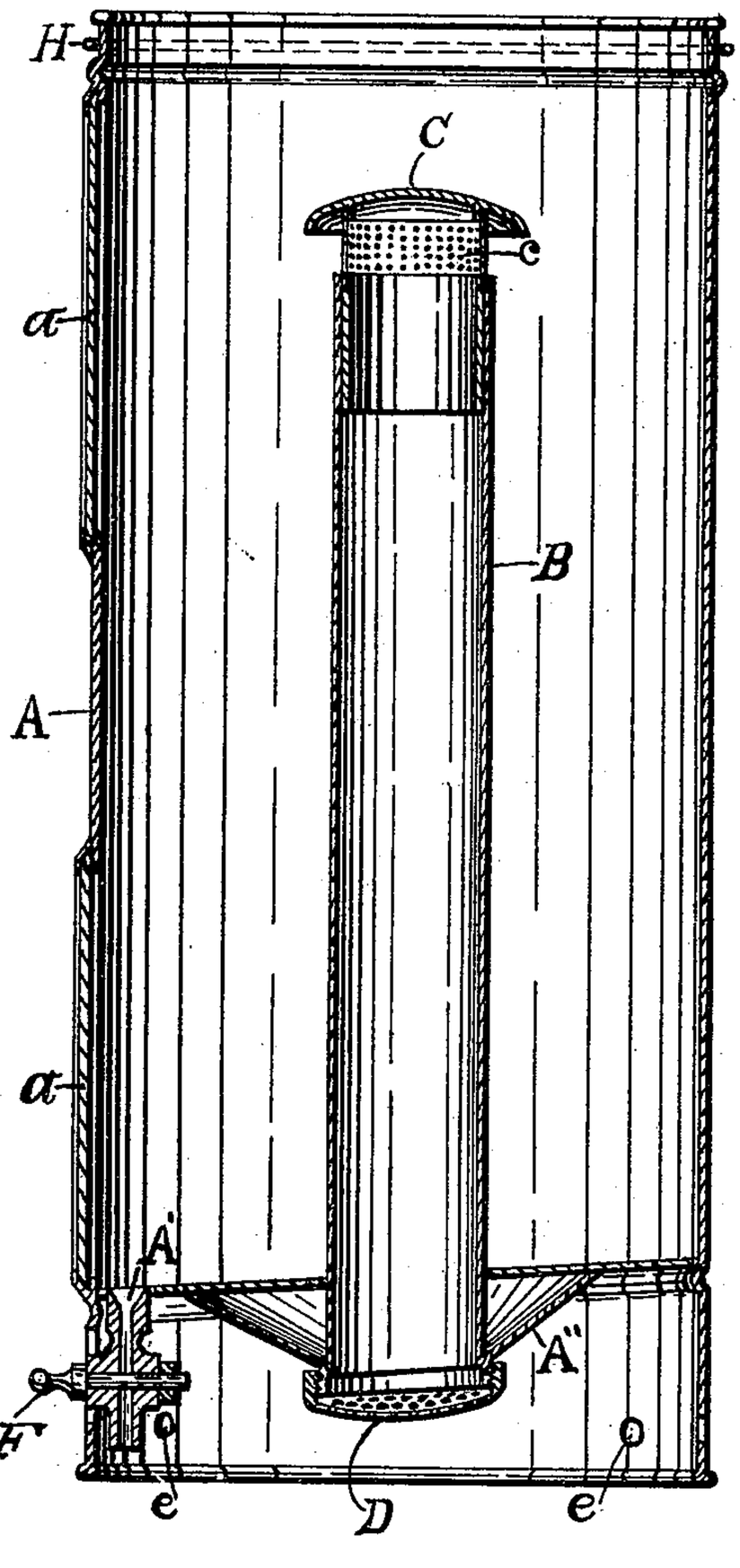
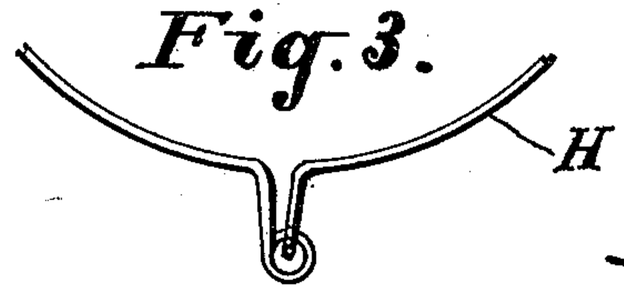


Fig. 3.



WITNESSES:

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HENRY S. HUNT, OF CATO, NEW YORK.

CREAMING-CAN.

SPECIFICATION forming part of Letters Patent No. 619,753, dated February 21, 1899.

Application filed September 17, 1897. Serial No. 652,008. (No model.)

To all whom it may concern:

Be it known that I, HENRY S. HUNT, of Cato, in the county of Cayuga and State of New York, have invented new and useful Improvements in Creaming-Cans, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to new and useful improvements in creaming-cans used for the purpose of separating the cream from the milk.

The object of my invention is to provide a can of the character described that will be simple in construction, easily assembled for use, and so formed as to be capable of being readily cleaned when desired; and it consists in certain improvements in the detail construction of parts, all as hereinafter more fully set forth, and specifically pointed out in the claim.

In the annexed drawings similar letters of reference indicate corresponding parts in all the views, in which—

Figure 1 is an elevation of my improved creaming-can, looking at it from the front side. Fig. 2 is a longitudinal vertical section of Fig. 1, taken on line X X. Fig. 3 is a detached top plan view of a portion of the clamp used to secure a cloth in position over the top of the can for purposes hereinafter pointed out.

My invention consists in a creaming-can having a central vertical draft-tube open from end to end for the purpose of ventilation and having a cap C with a projecting flange attached to close the upper end of said draft-tube, while a wire-cloth *c* is provided in the vertical telescoping portion of said cap to permit free passage of air. At the bottom of said central draft-tube may be secured a screw-threaded screen D to prevent ingress of insects, &c., into said draft-tube B. The bottom A′ of the cylindrical shell A is set in position so as to slope down toward one side, where a faucet F is placed to draw off the contents of said can when desired. This faucet is provided with a funnel-shaped upper portion, which has been found to be effective in preventing eddies in the contents of the can when drawing off the contents of the can, and consequently prevents mixing of the cream with the milk and water contained in the can after the cream has formed at the top.

The cylindrical shell A is made of any suitable sheet metal and provided with the observation-ports *a* for inspecting the contents of the can. At the upper end is provided a clamp or fastening device H, which consists of a wire suitably formed to interlock for the purpose of holding a straining-cloth over the top of the can.

The bottom A′ of the can is reinforced by a suitably-formed portion A″, which assists in supporting the central draft-tube B. Beneath the bottom A′ the side walls of the cylindrical shell A are provided with openings *e* to admit the passage of air to the central draft-tube B.

In operation my invention of improved creaming-can is used as follows: Equal quantities of milk and water are placed in the vessel A, being run through a straining-cloth secured over the top of the can, and the mixture is permitted to stand in the vessel A until the cream rises thereon, during which time the cap C is held in the position shown in Fig. 2, where the wire-cloth *c* is elevated above the tube B, so as to permit the free passage of air through said tube B for the purpose of providing a sufficient draft to carry off any deleterious gases which might arise from the milk and water, or which might otherwise be permitted to contaminate the cream.

It will be noted that the central draft-tube B rises from the bottom A′ to a point below the top of the vessel A, and the tube and cap C are wholly within the vessel A, which requires that the cap C should include a projecting flange as a deflector, so that the material poured into the can will not by accident be caused to run down said tube B and escape from the can in pouring it into the same.

The screen D is screw-threaded and fitted to the bottom of the central tube B, so as to be removable therefrom for the purpose of cleaning all parts of the can, and by means of the construction shown it is quite possible to gain ready access to all portions thereof.

It will be observed that the screen D may be omitted, if desired, as the wire-cloth *c* will effectually prevent insects, &c., entering the

interior of the vessel A, though it is shown, as it is an additional safeguard and for that reason desirable.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a creaming-can, the cylindrical shell A, provided with a bottom which slopes toward one side, and which is raised a suitable distance above the lower end of the shell, a faucet secured to the bottom and inclosed by the chamber in the lower end of the shell, and a central draft-tube which extends vertically in the shell within a short distance of its top, and which tube has its lower end to extend a suitable distance below the bottom, and which tube has its lower end braced by the portion A″, combined with a perforated cover D which is placed over the lower end of the tube, and the cap C placed above the end of the tube and provided with suitable perforations, substantially as shown and described.

In testimony whereof I have hereunto signed my name, in the presence of two attesting witnesses, at Cato, in the county of Cayuga, in the State of New York, this 21st day of August, 1897.

HENRY S. HUNT.

Witnesses:
FREDERICK H. GIBBS,
WILLIAM F. HUNT.