

No. 667,895.

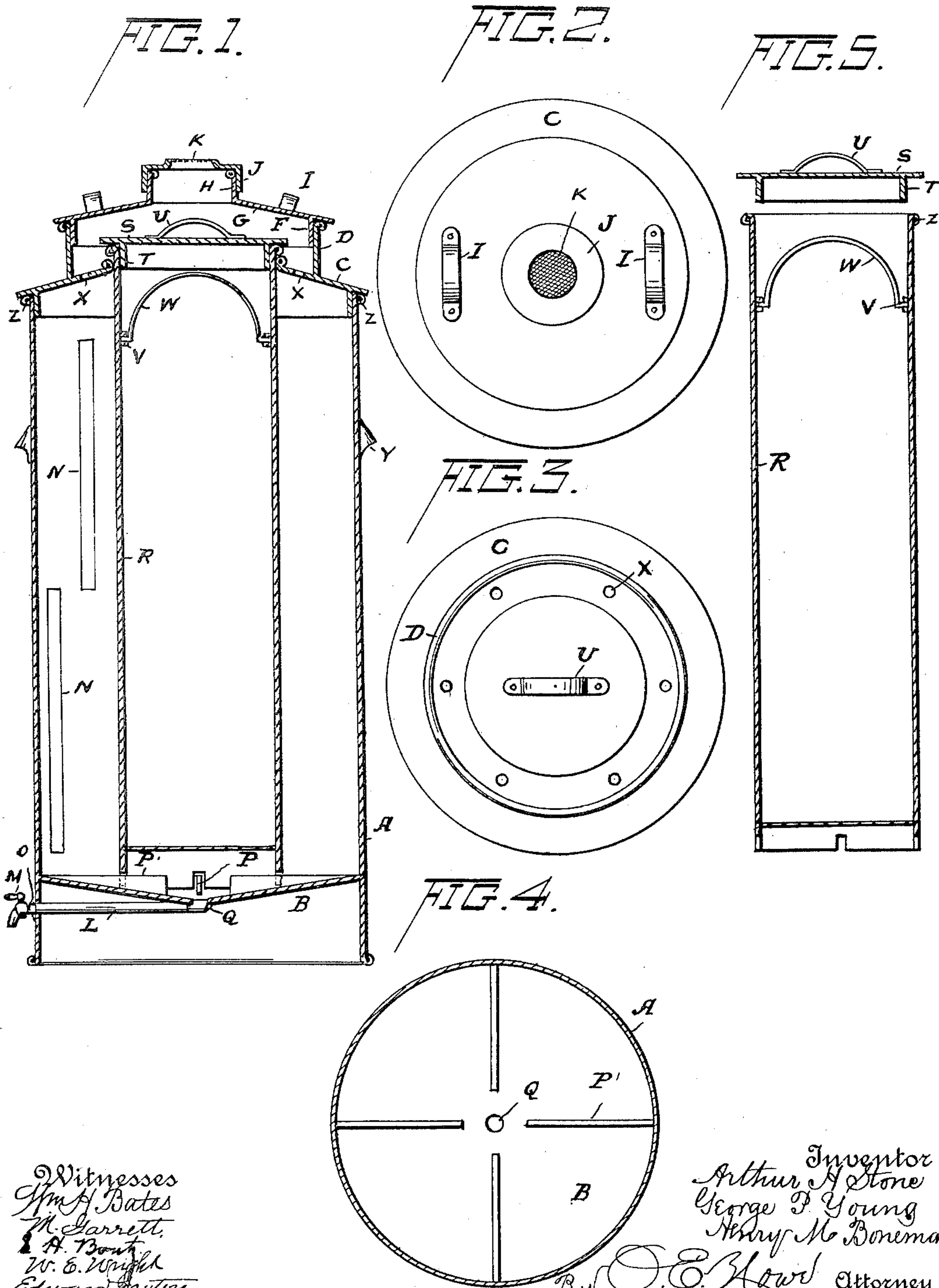
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COVER FOR CREAMING CANS.

(Application filed Apr. 18, 1900.)

(No Model.)



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# UNITED STATES PATENT OFFICE.

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## COVER FOR CREAMING-CANS.

SPECIFICATION forming part of Letters Patent No. 667,895, dated February 12, 1901.

Application filed April 18, 1900. Serial No. 13,319. (No model.)

*To all whom it may concern:*

Be it known that we, ARTHUR H. STONE, GEORGE P. YOUNG, and HENRY M. BONEMAN, citizens of the United States, residing at Breckenridge, in the county of Gratiot and State of Michigan, have invented certain new and useful Improvements in Covers for Creaming-Cans; and we do 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 appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Our invention relates to milk-cans, and particularly to that class thereof known as "creaming-cans," having a cover and a strainer therein, and is designed more particularly for domestic use, although it may be used in creameries or other manufacturing establishments or may be used as a water-cooler.

The object of our invention is to provide a can-cover of the character described; and it consists in the construction and combination of parts hereinafter more in detail described, and definitely pointed out in the claim.

Referring to the annexed drawings, Figure 1 is a vertical section of the can. Fig. 2 is a plan view of the top or cover, looking downward. Fig. 3 is a plan view of the lower section of the top or cover, including cover to inner can, the upper section being removed. Fig. 4 is a plan view of bottom of main can, and Fig. 5 is a sectional view of the inner can with its cover slightly raised.

A designates the body of the main outer can, and B designates the bottom of the said can, the center of which is depressed so as to run all of the contents to the center thereof, this bottom being provided with four strips of folded tin P, setting edgewise and at right angles to each other and secured to the bottom of the main can to support the inner can, and they also aid the separation of the cream and milk.

C designates the main cover of the can, provided with a raised rim D on the top of the main cover C to hold the same in place in the main can A.

F designates a rim on the under side of the top cover to hold the top cover in place in main cover on inside of D.

G designates the bottom of the top cover. 55

H designates a rim raised on inner edge of top cover.

I designates common handles on each side of top cover.

J designates a cap for the top of the top cover, being secured to same by any common screw device or any suitable means. 60

K designates a screen in the center of the cap to be used as a strainer, said cap being detachable to facilitate the cleaning of same. 65

L designates a tube to convey the contents of the can to the outside.

M designates a common faucet screwed into tube L, by which the flow of the contents of the can is regulated. 70

N designates common glass gages, so that the contents are always in plain view.

O designates a boss on faucet.

Q designates a hole in bottom of the main can and connected with the tube L, thus furnishing the means of exit. 75

R designates the inner can, provided with a bottom P, resting on the strips or cross-bars P' and kept in place in the center at the bottom by four slots in the lower edge of the bottom rim, which engages the cross-bars P', and at the top by an opening in the center of the main cover C. The notches in the lower part of can R are made somewhat larger than the wings P' to enable the milk to flow freely past the wings P' and be conducted out of the can by the pipe L. 80 85

S designates the top of the cover for the inner can.

T designates a rim on the inner side of the cover S for the inner can to keep the same in place upon the inner can R. 90

U designates a common handle on top of the cover for the inner can by which the same may be removed. 95

V designates one ear secured on each side on the inside of the inner can. 95

W designates a common bail secured to the ears V in any suitable way to form a handle by which the inner can may be removed, and when not in use the same rests against the sides of the inner can, said bail being 100



higher in the center than half of the diameter of the inner can and which cannot turn downward in the can and thus be in the way.

X designates air-holes in the inner part of the bottom of the main cover C.

Y designates common handle on each side of the outside of the main can by which it may be moved about.

Z designates wires in the rims of the cans and covers, respectively.

In operation the top cover is first taken off and the inner can removed. The top cover is then put on the main cover inverted, thus furnishing a funnel-shaped strainer, and if to be used as a milk-can or milk and cream separator milk is then strained into the main can, care being taken not to fill the can more than three-fourths full. Now remove the top cover and put the inner can inside of the main can with its cover removed. Then unscrew strainer-cap from the top cover and place the top cover back, inverted as before. This now furnishes a funnel to guide ice or cold water into the inner can and preventing anything from getting into the milk. Now fill inner can with ice or cold water to within two inches of its top. Then remove the top

cover and put on the cover to the inner can. Then put top cover on right side up, screw on the strainer-cap, and cream will begin to separate at once. The color of the milk as seen through the glass gage will indicate when all cream has been separated. Then draw off the milk through the faucet until the cream is down to the bottom. Then shut off the flow, and the cream may be drawn as desired.

Having thus described our invention, what we claim is—

The cover C, provided with the vertical flange or rim D, the upper cover G having the downwardly-projecting flange F and upwardly-projecting flange H, and handles I, a cap provided with a screen K, engaging the upper cover, all constructed and arranged as specified.

In testimony whereof we affix our signatures in presence of two witnesses.

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Witnesses:

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