

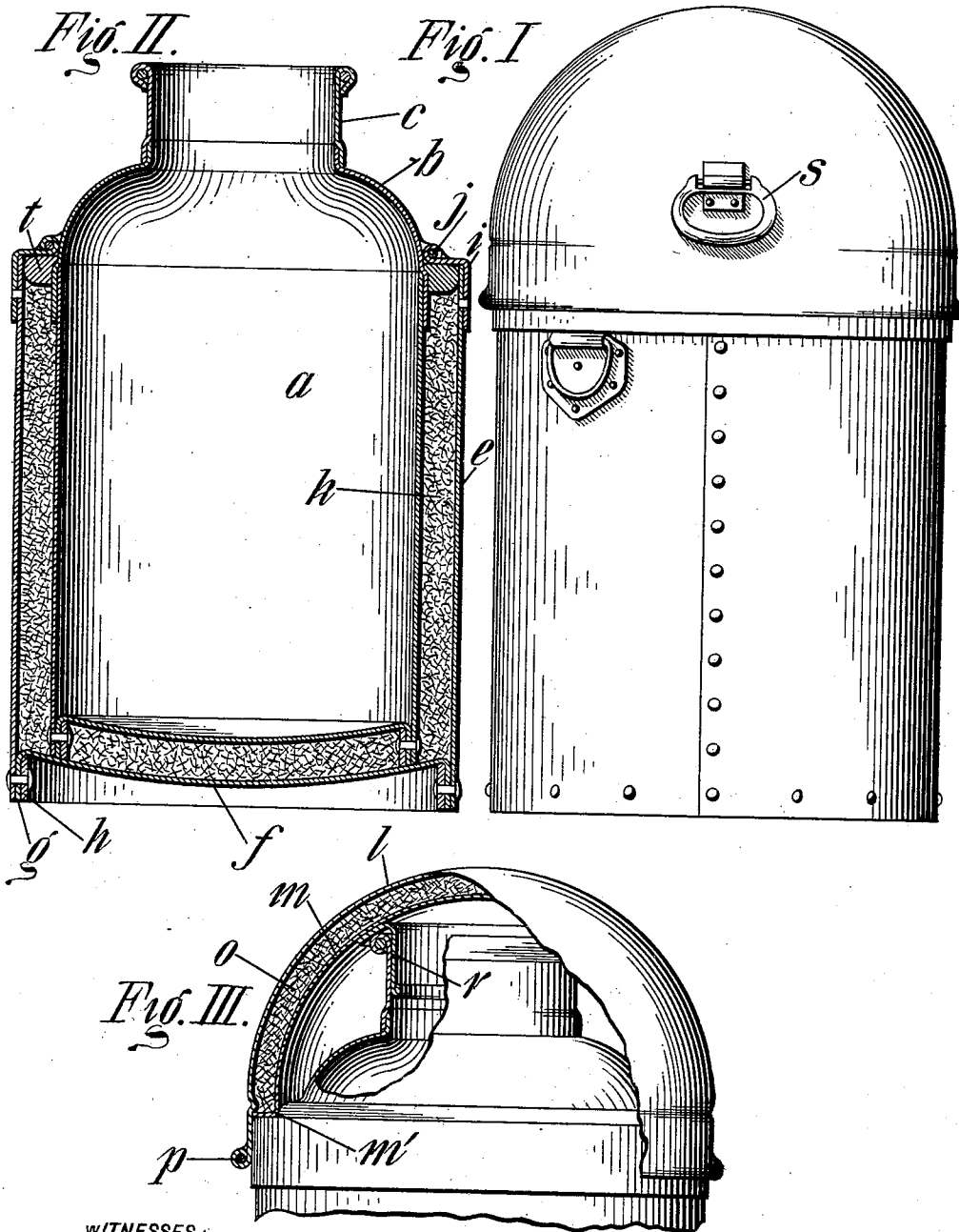
No. 712,993.

E. H. CARSWELL.
MILK CAN.

Patented Nov. 4, 1902.

(Application filed Nov. 26, 1901.)

(No Model.)



WITNESSES:
Lindsley Schepmoes
Conrad Kropf

INVENTOR
Edwin H. Carswell
BY
Norman Cain, Emory Perkins
ATTORNEYS

UNITED STATES PATENT OFFICE.

EDWIN H. CARSWELL, OF HACKENSACK, NEW JERSEY, ASSIGNOR TO
ELIZABETH C. SEAMAN, OF NEW YORK, N. Y.

MILK-CAN.

SPECIFICATION forming part of Letters Patent No. 712,993, dated November 4, 1902.

Application filed November 28, 1901. Serial No. 83,716. (No model.)

To all whom it may concern:

Be it known that I, EDWIN H. CARSWELL, a citizen of the United States, and a resident of Hackensack, Bergen county, New Jersey, have invented certain new and useful Improvements in Milk-Cans, of which the following is a specification.

My invention relates to jacketed milk-cans in which the can cover or closure is combined with a large insulated air chamber or dome, whereby the closure portion of the can may be efficiently insulated, and at the same time provision may be made, if necessary, for ventilation.

In the accompanying drawings I have shown in more or less detail a can in which my invention is embodied.

In the drawings, Figure I is a side elevation of a can embodying my invention. Fig. II is a transverse section through the can-body with the cover removed; and Fig. III is a broken-away sectional detail view of the upper portion of the can, showing the cover in place.

In the drawings, *a* is the body of the milk-containing can or inner chamber, which is surmounted by a breast *b* and neck *c* of any desired construction. Surrounding the can-body *a* is a metallic casing *e*, provided with a suitable bottom *f*, preferably of the form shown—that is to say, a bottom provided with a depending flange *g*, which may be riveted between a stiffening-hoop *h* and the casing *e*. The top of the casing *e* is or may be provided with a suitable angular breast-hoop *i*, having in its edge a retaining-hoop *j*, which is soldered to the can-breast *b* and to the breast-hoop *i*. A ring *t* is interposed between the outer and inner cans, being mounted on the junction of the breast and the cylinder of inner can. This ring nearly fills the space between the two cans.

A suitable non-conducting body *k*, such as asbestos, is provided between the inner or milk-containing can *a* and the outer can or casing *e*. A combined air-chamber and insulating-cover is adapted to cooperate with the milk-containing portion of the can. This combined air-chamber and insulating-cover is shown in the present instance as a dome-shaped casing *l*, containing a dome-shaped casing *m*. Secured to the inner casing *m* is a suitable flange *o'*, which is adapted to close the mouth of the can after the manner of the

ordinary can-cover. The inner casing *m* is provided with an outwardly-projecting flange, so that the two chambers form between them a space for the reception of the asbestos or other non-conducting body *o*. A suitable stiffening-hoop *p* may be embraced by the rolled-up lower edge of the outer casing.

The outer casing *e* may be provided with any desired type of handle, and the combined cover and air-chamber may be likewise provided with one of the same handles. In the present instance I have shown a handle *s* of what is known as the "Philadelphia" pattern.

It will be obvious that the asbestos body *k* protects the body portion of the can from the warming or chilling influence of the outside atmosphere and that the combined air-chamber and cover protects the upper portion of the can from similar influence.

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

1. In a jacketed milk-can, the combination of a suitable milk-can *a* having a neck and breast, an exterior metallic casing surrounding and secured to the said can and terminating at or about the joint between the neck and the cylinder, a cover comprising outer and inner rigid casings, the outer casing being adapted to surround the outer casing of the cylindrical portion of the can and the inner casing being adapted to rest upon the outer cylindrical portion of the can, the said inner casing being provided with a closure for the can-mouth.

2. In a jacketed milk-can, the combination of a suitable milk-can *a* having a neck and a breast and a cylinder with a joint between the breast and the cylinder, a ring surrounding the said joint between the breast and the cylinder, an exterior metallic casing surrounding and secured to the said can and terminating at or about the joint between the breast and the cylinder, a cover comprising outer and inner casings, the outer casing projecting beyond the inner casing, and the inner casing being adapted to rest upon the outer cylindrical portion of the can, the said inner casing being provided with a closure for the can-mouth.

EDWIN H. CARSWELL.

Witnesses:

GEO. E. MORSE,

JOSEPH C. ACHTERMAN.