(No Model.)

W. T. STILES.

HOLDER FOR CAN COVERS.

No. 459,598. Patented Sept. 15, 1891.

Fig. 1.

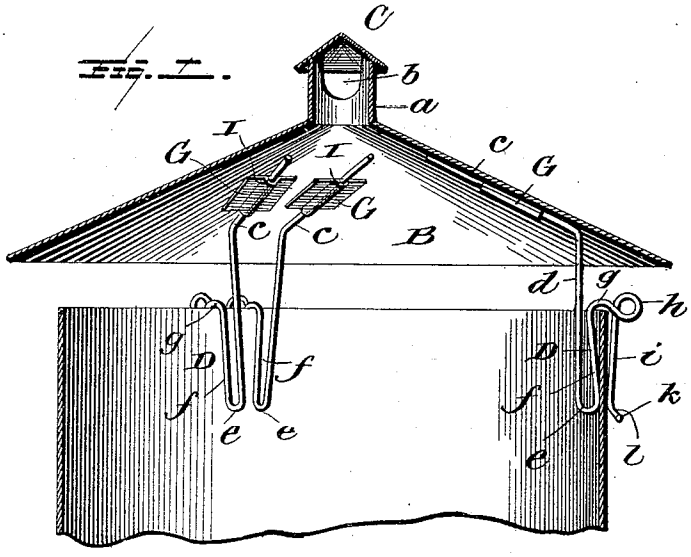
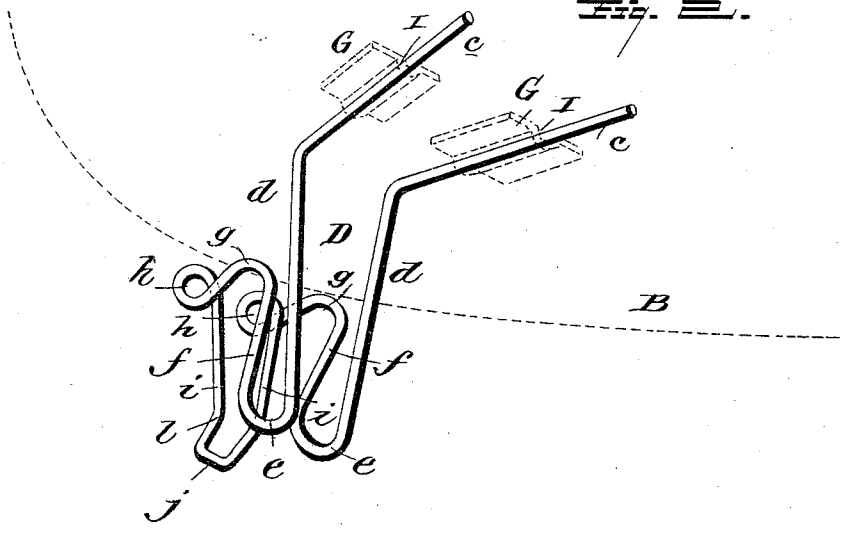


Fig. 2.



Witnesses

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HOLDER FOR CAN-COVERS.

SPECIFICATION forming part of Letters Patent No. 459,598, dated September 15, 1891.

Application filed March 5, 1891. Serial No. 383,837. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM T. STILES, a citizen of the United States, residing at Hammond, in the county of St. Lawrence, State of New York, have invented certain new and useful Improvements in Holders for Can-Covers, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention has for its object to provide a cheap and novel cover for milk-cans and the like, to hold the cover at a distance from the top of the can, so constructed as to allow a circulation of the air thereunder in order that the can containing milk or other substance may be left out in the open air over night or during the day to cool and the contents protected from rain or snow or dust and dirt. I provide a spring-holder, adjustable on the cover, so as to accommodate itself to cans of different sizes, and having spring-arms adapted to embrace the walls of the can at the upper edge to hold the said cover in the required position.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be specifically defined by the appended claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a vertical section through a portion of a can and its cover held in place according to my invention. Fig. 2 is an enlarged perspective view of the spring-holder, showing also in dotted lines the manner of adjustably holding the same to the cover.

Like letters of reference indicate like parts in both views.

Referring now to the details of the drawings by letter, A designates a portion of a can-body, which may be of any of the known constructions.

B is the cover, which is made of a diameter somewhat larger than that of the can-body, with an upwardly-extending neck at its apex, which neck *a* is provided with side openings *b*, the neck being surmounted by a conical cap C, which covers the openings and prevents ingress of dirt and other foreign matter.

D is my improved holder. It is formed of spring-wire, the ends of which are bent to form arms *c c*, which are parallel with the inclined top of the cover, as seen in Fig. 1, the wire being then bent so as to extend vertically downward in arms *d*, which at their lower ends are bent, as at *e*, and thence extend upward in the arms *f*, being bent over at the top, as at *g*, and thence outward and into coils *h*, and thence downward with the parallel portions *i* between the arms *f*, the wire at its center being bent, as at *j*, and the loop bent outward at an angle, as seen at *k*.

In practice the holders (two or more) are applied as shown in both views. Metallic plates G, having depressions I to snugly receive the arms *c*, are attached to the under side of the inclined top of the cover, one for each arm *c*, or it might be a single plate with two depressions, and the arms *c* are then inserted in said depressions as far as the size of the cover requires, the said arms being adjustable to accommodate the holder to cans of varying sizes. The cover is then held to the can-body at a distance above the upper edge thereof, as seen in Fig. 1, by forcing the same down onto the upper edge of the can-body, the arms *f* extending within the body and the arms *i* upon the outside, as seen in Fig. 1. The coils allow the arms to readily yield to permit the holder being placed in position, but exert a sufficient pressure on the arms to enable them to firmly hold the cover in place. The outwardly-extended portion *k* aids in the insertion of the holder and provides a bearing *l* against the outside of the can. The cover extending beyond the walls of the body prevents water of condensation, rain, &c., from falling into the can.

What I claim as new is—

1. A can-cover, combined with a spring wire holder for the purpose specified, formed with parallel arms adapted to the cover of the can and with yielding holding-arms adapted to embrace the upper edge of the can-body, substantially as specified.

2. A can-cover, combined with a spring wire holder for the purpose specified, formed of a single piece of material bent at its center and the bend formed at an angle, thence bent to form parallel holding-arms and vertical portions, the ends terminating in inclined arms designed to lie substantially parallel

with the inclined top of a can-cover and adapted to serve with and support the can-cover, as specified.

3. The combination, with a can-cover, of the spring-holder described, formed of a single piece of material bent at its center and the bend bent outward, as at *k*, thence bent to form coils, and three sets of substantially parallel arms, the inner pair extended vertically and terminating in inclined arms *c c*, adapted to lie substantially parallel with the inclined top of the can-cover, as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM T. STILES.

Witnesses:

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