(No Model.)

A. A. SMITH.

CONDENSED MILK CAN.

No. 560,943. Patented May 26, 1896.

Fig: 1.

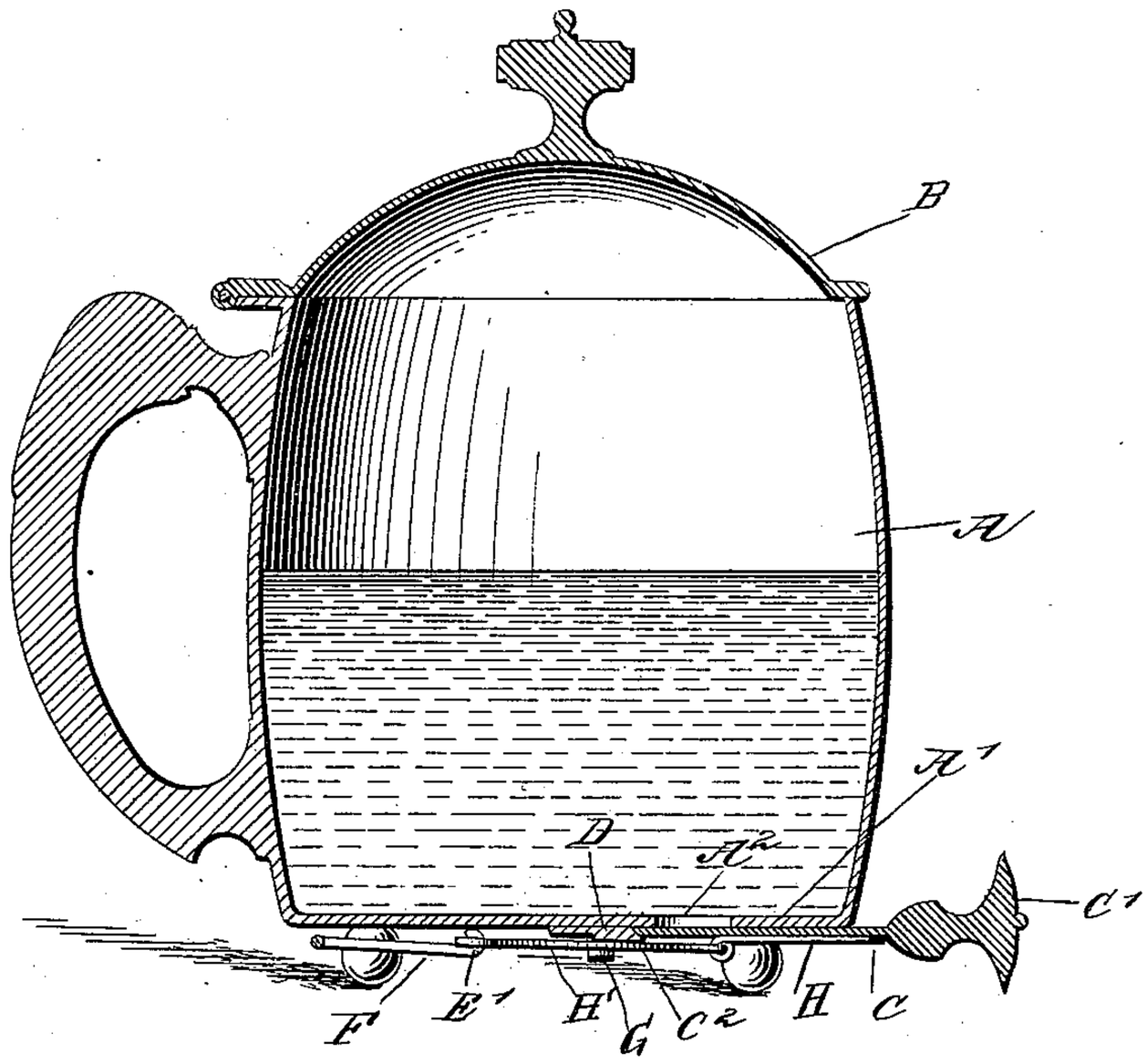
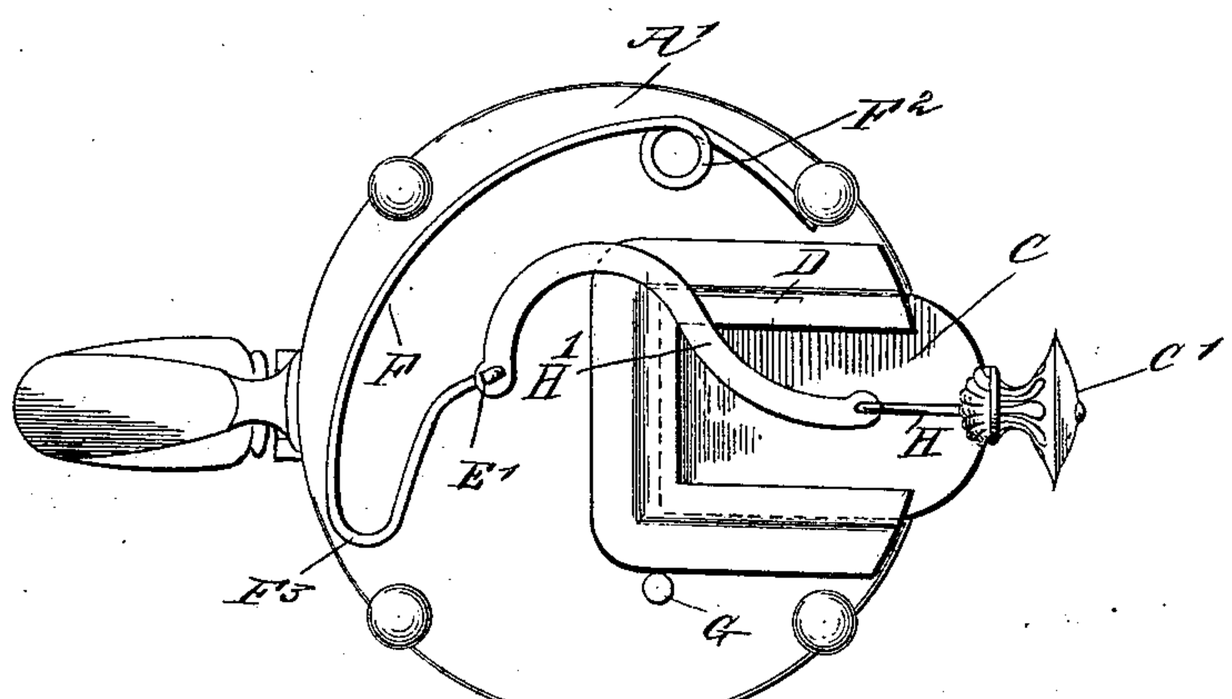


Fig: 2.



WITNESSES:

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ARDEN A. SMITH, OF BROOKLYN, NEW YORK.

CONDENSED-MILK CAN.

SPECIFICATION forming part of Letters Patent No. 560,943, dated May 26, 1896.

Application filed July 26, 1895. Serial No. 557,217. (No model.)

To all whom it may concern:

Be it known that I, ARDEN A. SMITH, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Condensed-Milk Can, of which the following is a full, clear, and exact description.

The object of this invention is to provide an improved receptacle for condensed milk and one which may be used on the table and present a finished and beautiful appearance.

It is further an object to provide a valved opening for this device which will be incapable of leaking and which will also be susceptible to ready operation and above all which may be easily cleaned.

To these ends the invention consists in certain novel features of construction and combinations, as will be fully described hereinafter, and finally embodied in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both the figures.

Figure 1 represents a vertical section of my improved can. Fig. 2 is a bottom plan thereof.

The can comprises a body portion A, provided with a hinged top B, and having in its bottom A′ an opening A^2. Around the lower side of this opening is arranged a U-shaped guide D, which has an open side directly contiguous to the adjacent edge of the bottom A′ and in which the slide C is reciprocally placed, said slide being provided with an operating-knob C′. By means of this slide and the guide therefor the opening A^2 may be sealed or readily uncovered by moving the slide.

Connected to the under side of the slide C and to the knob C′ thereof is a rod H, which has its inner end bent to form an eye, and the same receives the outer end of the plate H′, which is curved in substantially the form of an open hook and which has its remaining end pivotally connected to the free extremity of the spring F. The connection between the plate H′ and the spring F is effected by means of a hook E′, formed on the spring and received within an opening or eye formed in the plate, the arrangement being such that these parts may be very readily disconnected for a hereinafter-described purpose.

The spring F comprises a main portion having near its fixed end a coil F^2 and having near its free end a bend F^3, which extends said free end back approximately parallel with the body, and the terminal of said end is bent slightly in a lateral direction with reference to the adjacent portion of the spring. By means of this peculiar construction of the spring and the equally peculiar form of the plate H′ it is possible to draw the slide C through its guide with perfect regularity and so that it will be quite impossible for the slide to bind against the guide at any point in its operation. To the bottom of the can is a fixed stop G, the same being depended therefrom and arranged to engage with the bend F^3 of the spring F and to limit the outward movement of said spring, so as to make the accidental disconnection of the slide C with its guide an impossibility. By disconnecting the hook E′ from the plate H′ the slide C may be completely withdrawn from the guide and the parts readily cleaned.

I do not claim, broadly, as my invention a can provided in its bottom with an aperture and adjacent thereto with guideways, the slide operating in said guideways and adapted to close the aperture or be moved clear thereof, said slide when in closed position extending at its outer end beyond the side of the can, having a free and unobstructed outward movement whereby it may be readily withdrawn from the can and the spring-rod held at one end to the can and loosely engaging at its other end with the slide, whereby the latter may be applied and detached and a stop engaging with said spring-rod between its ends, whereby to limit the full-length flexion of said spring-rod.

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

A cup having an outlet-opening, a slide by which to close the same, a spring in rear of such slide and a connecting-plate secured at its front end to the slide extended rearwardly and connected at its rear end to the spring and having its portion in line with the rear edge of the slide deflected laterally to a point at one side of the slide whereby when the slide is opened the part of the connecting-plate in rear thereof will not be exposed below the outlet-opening, substantially as and for the purposes set forth.

ARDEN A. SMITH.

Witnesses:
ISAAC B. OWENS,
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