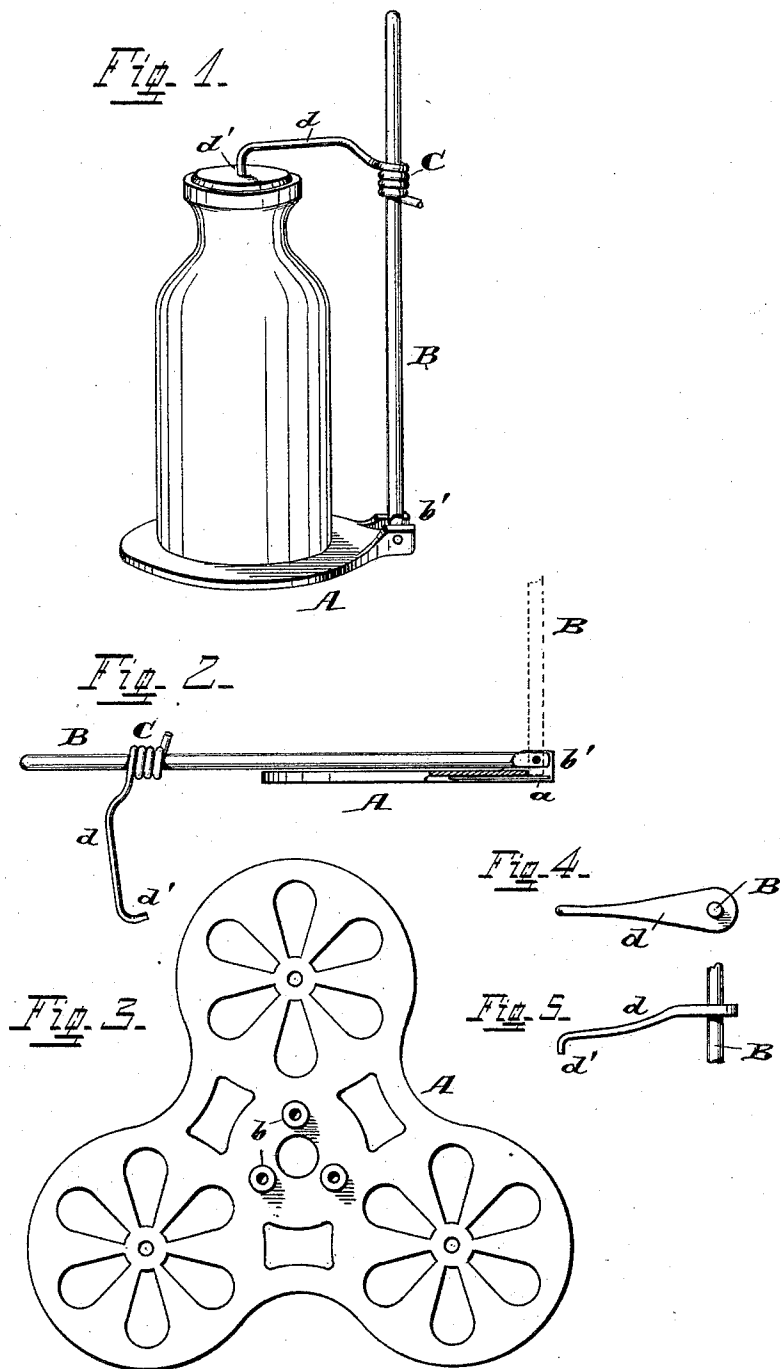


(No Model.)

A. DOM.
CAN LID HOLDER.

No. 416,096.

Patented Nov. 26, 1889.



Attest
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UNITED STATES PATENT OFFICE.

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CAN-LID HOLDER.

SPECIFICATION forming part of Letters Patent No. 416,096, dated November 26, 1889.

Application filed July 31, 1889. Serial No. 319,281. (No model.)

To all whom it may concern:

Be it known that I, ALEXANDER DOM, a citizen of the United States, residing at Mount Healthy, Hamilton county, State of Ohio, have invented certain new and useful Improvements in Can-Lid Holders, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof.

The object of my invention is to provide a device for holding the lids of one or more cans firmly to place while the wax or solder is being applied around said lid and hardening, as will more fully hereinafter appear.

In the accompanying drawings, Figure 1 is a perspective view of my improved can-lid holder in an operative position. Fig. 2 is a side view of the holder in a "knocked-down" position, a portion of one of the pivotal lugs being broken away to show the position of the base-spring for retaining the clamp-rod in an upright position. Fig. 3 is a top view of a base to which my invention may be applied for holding two or more can-lids to place at one and the same time. Figs. 4 and 5 are top and side views, respectively, of a modification of my improved can-lid holder.

My invention consists of a base or support A, to which is attached a rod B, around which latter the clamp-arm is secured. The base A may be of any desired configuration, and is preferably cast open, in order to lighten the weight of said base. The rod B may be attached to the base in any suitable manner, two modes being shown—viz., that shown in Fig. 3, in which the rods are screwed into the sockets *b*, and that shown in Figs. 1 and 2, in which said rod is pivoted between the lugs *b'*, the latter mode being preferred. When the rod is pivotally connected to the base, it is preferred to rivet a flat spring-tongue *a* to the bottom of the base and in such a manner as that the free end of said spring-tongue will impinge against the lower end of the rod to retain it in a vertical position when in use.

When constructed to retain but one can, the lugs *b'* (when the rod is pivotally connected) are cast at the outer edge of the base, as shown. When the base is constructed to hold two or more can-lids at one and the same

time, the pivotal lugs will be in the position indicated by the sockets *b*.

The clamp, when constructed of spring-wire, has a coiled portion C encircling the rod and an arm *d* extending outward integral therewith, said arm terminating in the downward extension *d'*, the latter impinging against the top of the can-lid when in an operative position, as shown in Fig. 1. The coiled portion of the clamp is kept from slipping off the rod by slightly swaging the top portion thereof. This clamp, instead of being formed from spring-wire, as just described, may be stamped from a suitable piece of plate metal, as shown in Figs. 4 and 5; but it is preferred to use the spring-wire.

When desired to hold more than one can-lid at the same time, and when the base is constructed with that object in view, instead of having as many rods as there are places for cans, as shown in Fig. 3, but one central rod need be used, as the clamp-arms *d* may be bent at different angles, so that two or more of the coiled-spring clamps may be readily operated one above the other on the same rod.

The operation of my improved can-lid holder is as follows: The coiled portion C of the clamp is elevated on the rod, when the can on which it is desired to have the lid sealed is placed on the base A, when the spring-clamp is lowered on the rod until the projection *d'* engages the can-lid near the center thereof. So soon as this projection on the clamp-arm impinges against the can-lid the coiled portion C is thrown out of line with the rod and bears against the latter at the top and bottom portions of the coil and at opposite sides thereof, in which position the coil is pressed down on the rod by hand, in which position it is firmly held by reason of the adhesion of said coil to the rod, produced by the spring-arm *d*. The farther down on the rod the coil is pressed the greater will be the pressure on the can-lid and the more securely will said coil be locked to the rod. This operation just described is accomplished very readily by simply pressing the coil down around the rod, when the lid is securely held to place on the can until the wax or other sealing material is poured around the lid and

hardened. To remove the can from the base the spring-clamp is removed from off the lid by giving the coil C a slight jerk with the hand to loosen its hold on the rod, when the clamp is free to be elevated and the can removed.

My invention, when constructed as shown, is designed more especially for family use, where it is only required to seal a few cans at one time; but said invention may be advantageously used in large canning establishments by arranging a number of rods and spring-clamps on a circular table or wheel or other suitable support for the cans.

The advantages of my invention are apparent. It is simple in construction, effective in operation, and is cheap of manufacture. The end of the spring-clamp impinging on the can-lid will permit of the can being partially rotated while being sealed without decreasing the pressure on the lid.

The knockdown feature of my invention

is also one of value in shipping large quantities, in order to economize space.

What I claim as new, and desire to secure by Letters Patent, is—

1. A can-lid holder consisting of a base A, rod B, and spring-clamp coiled around said rod, said rod being pivotally connected to said base, as set forth.

2. A can-lid holder consisting of a base A, rod B, and a spring-clamp coiled around said rod, said clamp having an arm *d*, terminating in the extension *d'*, the rod B being pivotally connected to said base between the lugs *b'*, a flat spring *a* being connected to the base, the free end of said spring impinging against the lower end of said rod, substantially as set forth.

ALEXANDER DOM.

Witnesses:

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ED. STREHLI.