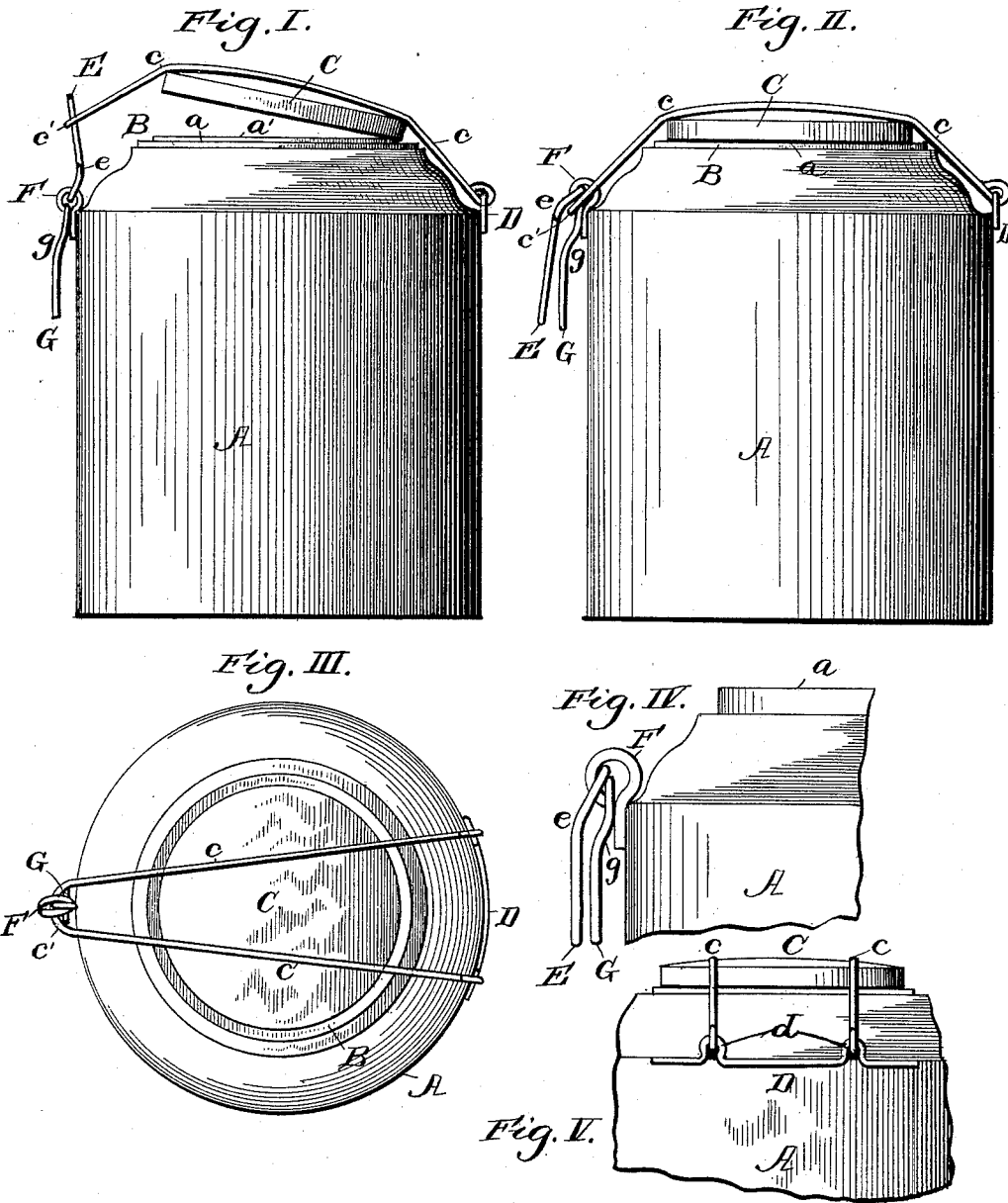


(No Model.)

J. YOUNG.
FRUIT CAN.

No. 466,648.

Patented Jan. 5, 1892.



Witnesses:
J. B. McGirr.
Arthur L. Beyaudt.

Inventor:
John Young.
By his Attorneys,
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UNITED STATES PATENT OFFICE.

JOHN YOUNG, OF TIFFIN, OHIO.

FRUIT-CAN.

SPECIFICATION forming part of Letters Patent No. 466,648, dated January 5, 1892.

Application filed August 19, 1891. Serial No. 403,107. (No model.)

To all whom it may concern:

Be it known that I, JOHN YOUNG, a citizen of the United States, residing at Tiffin, in the county of Seneca and State of Ohio, have invented certain new and useful Improvements in Fruit-Cans; and I do hereby 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.

My invention relates to improvements in fruit-cans; and it has for its objects to provide an inexpensive can adapted to receive fruits and vegetables and having a top arranged to be tightly clamped on the can to make it perfectly air-tight.

With these and other ends in view my invention consists of a can constructed in any desirable size and shape and having a central opening. A cover is adapted to be clamped tightly on the top of the can by a lever on one side of the can, and another lever is provided which releases the clamp and removes the cover from the opening.

To enable others to more readily understand my invention, I have illustrated the same in the accompanying drawings, in which—

Figure I is a side elevation showing the cover arranged to be clamped in place. Fig. II is a view showing the cover clamped in position. Fig. III is a top plan view. Fig. IV is a detail view of the levers for clamping and releasing the cover, showing the peculiar construction thereof; and Fig. V is a detail sectional view of the hinge on the rear side of the can.

Referring to the drawings, in which like letters of reference denote corresponding parts in all the figures, A designates the can, which is constructed in any desired shape, and it is preferably inclined inwardly or tapered near its top, so that the diameter of its opening will be less than the diameter of the body of the can.

A seat *a* is formed around the opening in the can and an upwardly-projecting flange *a'* is arranged on the inner side of said seat *a*. A rubber B, or other suitable packing, is placed around the flange *a'* on the seat *a* and the cover tightly clamped on the same, which forms an air-tight joint. This cover consists,

essentially, of an ordinary cap C, adapted to fit tightly over the opening in the can, and it is soldered or otherwise secured to the wire *c* or to a plate of spring metal perforated at its ends, which may be used in lieu of said wire. This wire projects over in front of the can to form a loop *c'*, and the ends diverge slightly and are hinged to the loops *d* in a transverse wire D, secured to the rear portion of the can. By this arrangement it will be readily seen that when the looped end of the wire is raised the cover is released and can be raised from the can, and when the looped end is clamped against the lower lever the cover will be held firmly secured over the opening.

To secure the top in its proper place I provide the clamping-lever E, which is pivoted in an eyelet F on the front of the can. The lever E is preferably curved slightly at *e* to permit the looped end of the wire *c* to be easily forced down over the eyelet F, where it will be rigidly held in place. Pivottally secured in the same eyelet F, below the lever E, is another lever G, which is used to release or unfasten the cover, and it is preferably provided with a slight depression *g*, which is arranged to bear directly against the loop *c'* and raise it above and over the eyelet F and clamping-lever E when said releasing-lever G is elevated.

The means for fastening the cover in place are very simple and easily operated, and after the loop *c'* has once been clamped on the eyelet the upper tension thereof will retain it in its proper position until released by the lever G. It will be observed that the loop is clamped against the outer face of the lever G at a point just below the horizontal axis of the eye, and that the lower lever serves as a stop to prevent it from passing inwardly against the edge of the can, which would make the pressure on the packing less than when the loop is held at one side of the horizontal axis of the can.

I am aware that changes in the form and proportion of parts and details of construction can be made without departing from the spirit or sacrificing the advantages of my invention—as, for example, this improvement can be applied to glass jars by forming the wire D and the eyelet in one piece extending around a bead on the upper edge of the jar—

and I therefore reserve the right to make such changes as fall within the scope of my invention.

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

1. In a fruit-can, the combination, with the cover, the bail pivotally secured on the rear of the can and having the loop in front of the cover and the eyelet on the front of the can, of the clamping-lever pivoted to the eyelet and adapted to force the loop over the same and the releasing-lever adapted to raise the clamping-lever to free the loop from the eyelet, substantially as described.

2. In a fruit-can, the combination, with the bail pivotally secured on the rear of the can and carrying the cover and the loop in front of said cover, of the releasing-lever pivotally secured in an eyelet on the front of the can

and the clamping-lever pivoted in said eyelet above the releasing-lever and adapted to force the loop over the eyelet and against the releasing-lever, substantially as described.

3. In a fruit-can, the combination, with wire pivotally secured on the rear of the can and carrying the cover and provided with the loop in front of said cover, of the clamping and releasing levers independently pivoted at a common point on the front of the can, said clamping-lever being adapted to force the loop over the pivotal point of the lever and against the releasing-lever and the front of the can, substantially as described.

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

JOHN YOUNG.

Witnesses:

E. J. SNYDER,
MILTON SAILOR.