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1,663,123

G. A. EVANS

FRUIT JAR SEALER

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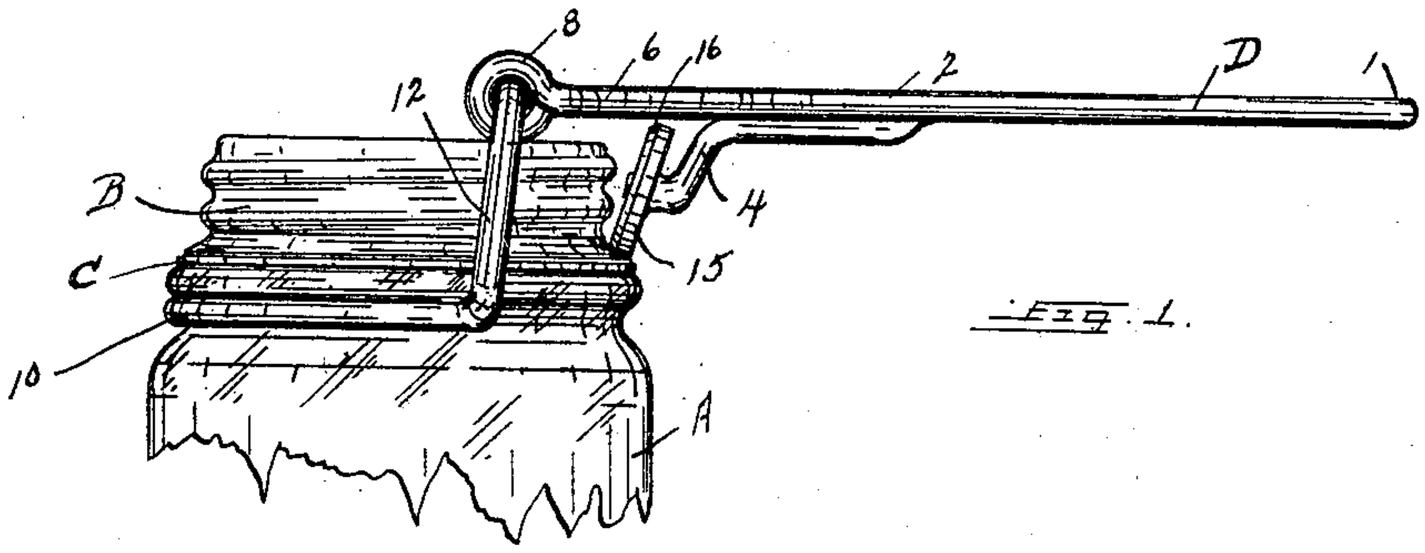


Fig. 1.

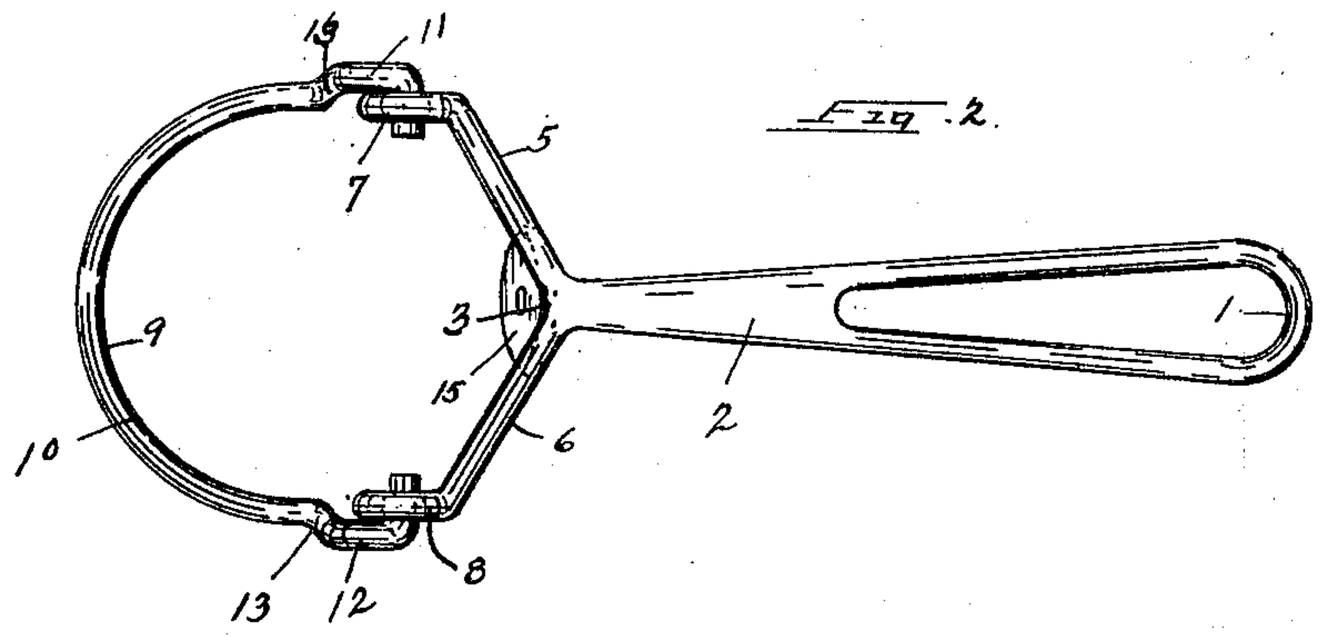


Fig. 2.

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UNITED STATES PATENT OFFICE.

GEORGE A. EVANS, OF LAYTON, UTAH.

FRUIT-JAR SEALER.

Application filed March 21, 1927. Serial No. 176,926.

My invention relates to fruit jars in which fruit is put up or canned for keeping it from season to season, and has for its object to provide a new and efficient means of sealing the edge of the jar cap down upon the top side of the sealing rubber or gasket.

A further object is to provide a tool which will not only seal the cap to the rubber and prevent spoiling of the canned goods but will also be used to lift the cans or jars from the kettle in which they are placed when the fruit is being canned by steam pressure or by what is known as the cold pack method, and after they have been removed from the kettle the tool may then be used to seal them so no air can enter or fluid leak out from under the cap.

These objects I accomplish with the device illustrated in the accompanying drawings in which similar numerals and letters of reference indicate like parts throughout the several views and as described in the specification forming a part of this application and pointed out in the appended claim.

In the drawings I have shown the best and most preferred manner of building my invention wherein Fig. 1 is a side elevation of my device being used to seal a fruit-jar top and rubber together, and Fig. 2 is a plan view of the device.

In the drawings I have shown the fruit jar as A, the cap B, and the sealing rubber or gasket as C. The handle D of my device is made by bending wire back upon itself as at 1 bringing the wire together at 2 and bifurcating the ends at 3. The point 2 where the wire is brought together may be brazed together and another member 4 secured on the lower side thereof and at right angles to the general plane of the handle. The bifurcated ends 5 and 6 of the wire are formed into ring or wire engaging loops 7 and 8, and another wire 9 is then bent into a half circle as at 10 to form a jar engaging portion with the two ends 11 and 12 bent upwardly and the extreme ends bent inwardly to engage within the wire engaging loops 7 and 8. A small bend 13 is made in the wire 9 diametrically outwardly from the circle 10 before the ends are bent upwardly as at 11 and 12.

A jar-cap engaging roller 15 is rotatably mounted on the end of the fork 4 and has a beveled edge 16 formed on the front edge thereof to engage with the outer rim edge of the fruit jar cap to seal it to the rubber.

The operation of my device is as follows:

To lift a jar by my device the ring portion 10 is engaged under the flanged edge of the jar as shown in Fig. 1 and the handle portion being pivoted to the jar engaging portion is then brought down until the roller 15 is engaging with the edge of the jar cap B. Then by lifting upwardly and holding the jar slightly tipped away from the operator the jars may be lifted and placed where desired. To seal the edge of the jar cap B into the rubber C, the handle is rotated around the jar with the roller 15 engaged with the outer edge of the cap B, and with pressure being applied to the handle portion D by the operator. The edge of the cap will be bent downwardly into the upper surface of the rubber C, sealing the cap to the jar, thereby insuring that the canned goods thus sealed will keep.

Having thus described my invention I desire to secure by Letters Patent and claim:—

In a device of the class described, the combination of a handle portion made by bending a wire back upon itself and then bifurcating the ends, loops formed in the bifurcated ends, a jar-engaging portion pivoted in said loops and adapted to engage with the top flange of a fruit jar, another member provided on the under side of said handle portion, a roller rotatably mounted thereon adapted to be rolled around the outer edge of a fruit-jar cap when the jar-engaging portion is encircling a fruit jar to seal said cap to said rubber and jar.

In testimony whereof I have affixed my signature.

GEORGE A. EVANS.