No. 648,060. Patented Apr. 24, 1900.

A. J. YORTY.

CLAMP FOR HOLDING FRUIT JARS.

(Application filed Aug. 16, 1899.)

(No Model.)

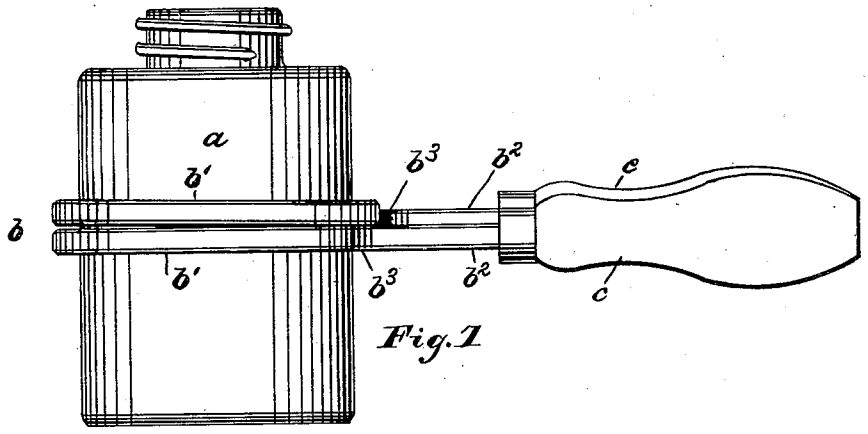


Fig. 1

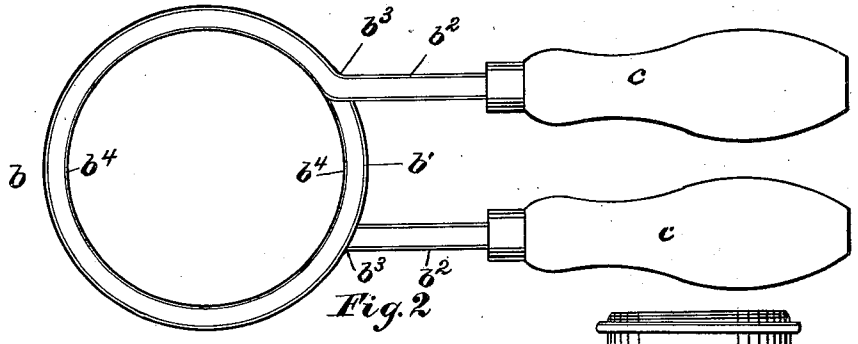


Fig. 2

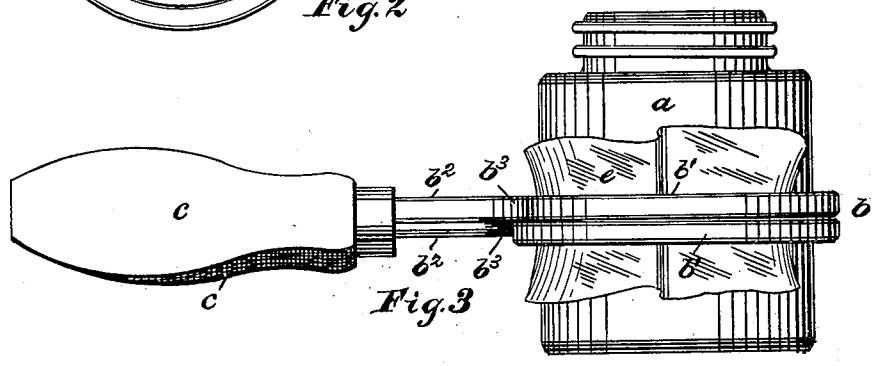


Fig. 3

Witnesses;
Bernard Solinsky.
C. C. Clark

per

Inventor
Andrew J. Yorty
J. L. Clark
Atty

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ANDREW J. YORTY, OF CHICAGO, ILLINOIS.

CLAMP FOR HOLDING FRUIT-JARS.

SPECIFICATION forming part of Letters Patent No. 648,060, dated April 24, 1900.

Application filed August 16, 1899. Serial No. 727,361. (No model.)

To all whom it may concern:

Be it known that I, ANDREW J. YORTY, a citizen of the United States, residing in the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Clamps for Holding Fruit-Jars, of which the following is a specification.

My invention relates to devices for holding fruit-jars and other vessels while they are being filled with boiling fruits and preserves, as also to assist in tightening or removing the caps or covers.

The invention consists in the novel details of construction hereinafter fully set forth, claimed, and illustrated by the accompanying specification and drawings, in which—

Figure 1 is a side view of my invention as attached to a fruit-jar. Fig. 2 is a plan from the top without the jar. Fig. 3 is a side view of the same with a rubber fabric introduced between the clamping-surface and the walls of a jar.

My device consists of a round flattened metallic spring-wire bent to form two or more coils, with ends projecting laterally to form handles which when drawn inward by the hand close the inner circumference of the coils upon the outer walls of the jar, and by that means the jar is held or lifted.

The wire b is bent centrally into a coiled closed loop b' a little larger than the diameter of the central part of the vessel to be inclosed, leaving two outward-spreading ends b^2, which are bent at an acute angle at b^3 away from the coils. Upon the ends b^2 are fastened wooden handles c.

In Fig. 3 a rubber cloth or fabric e is introduced between the clamping-surface b^4 and the walls of the jar a, so that additional purchase power may be obtained.

The mode of operation is as follows: The coils b' are passed down over the jar a to about the center longitudinally of the vessel, and with the hand the handles c are drawn together, which causes the coils b' to spring inward, so that their surfaces b^4 are brought in a clamping position against the walls of the jar a, thereby holding it for the purposes needed. The same mode of operation is taken to screw on or remove the cap of a jar. The elasticity of the wire b carries the coils b' back to their former position as soon as the pressure on the handles c is removed.

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

As a new article of manufacture, a clamp, consisting of a flattened round wire, having an intermediate spring-coil and a pair of wooden handles, the inward pressure of which causes said coils to clutch the outer walls of a fruit-jar while filling with liquids substantially as specified.

ANDREW J. YORTY.

Witnesses:
BERNARD SOLINSKY,
E. G. SOLINSKY.