

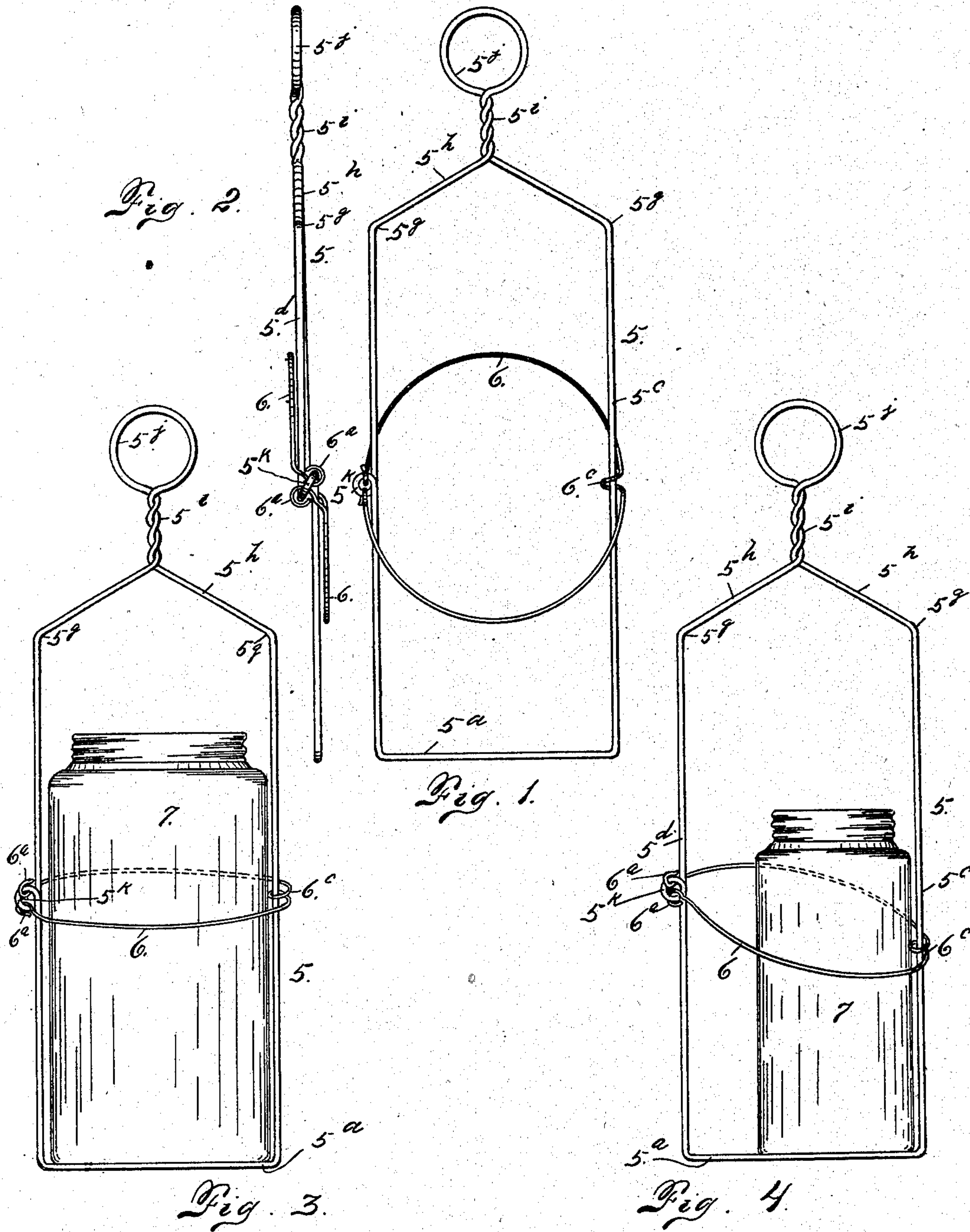
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J. K. RETTIG.
DEVICE FOR LIFTING FRUIT JARS OR SIMILAR ARTICLES.

APPLICATION FILED APR. 5, 1902.

NO MODEL.



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DEVICE FOR LIFTING FRUIT-JARS OR SIMILAR ARTICLES.

SPECIFICATION forming part of Letters Patent No. 719,956, dated February 3, 1903.

Application filed April 5, 1902. Serial No. 101,498. (No model.)

To all whom it may concern:

Be it known that I, JOHN K. RETTIG, a citizen of the United States of America, residing at Denver, in the county of Arapahoe and State of Colorado, have invented certain new and useful Improvements in Devices for Lifting Fruit-Jars or Similar Articles; and I do 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in devices for lifting jars, cans, or similar receptacles, being more especially intended for lifting fruit-jars out of hot water after the fruit has been cooked within the jars, which are always hot and difficult to handle.

My object is to provide an article of this class which shall be simple in construction, economical in cost, reliable, durable, and efficient in use; and to these ends the invention consists of the features hereinafter described and claimed, all of which will be fully understood by reference to the accompanying drawings, in which is illustrated an embodiment thereof.

In the drawings, Figures 1 and 2 are detail views showing the device in two positions. Figs. 3 and 4 illustrate the device in use on jars of different sizes.

The same reference characters indicate the same parts in all the views.

The body portion 5 of my improved device, as shown in the drawings, is composed of spring-wire bent into the general form of a rectangle whose length is considerably greater than its width. This body portion is composed of a bottom part 5^a, two upright parts 5^c and 5^d, respectively, extending substantially at right angles to the bottom part and parallel with each other. At the extremities of the parts 5^c and 5^d bends 5^e are formed, and the wire parts 5^h are united at the top and twisted together, as shown at 5ⁱ, after which they are formed into a ring or loop 5^j. In the part 5^d an eye 5^k is formed about midway of its length, into which are loosely fastened, as shown at 6^a, the extremities of a wire ring 6,

the ends of the ring being passed through the eye 5^k and bent over, forming hooks or eyes, whereby the parts are suitably connected. In this ring 6 is also formed an eye 6^c, which loosely encircles the part 5^c of the device and is free to move up and down thereon.

In using the device the part 5 is passed down at one side of the jar 7 into the hot water and in such a manner that the ring 6 surrounds the jar. The part 5 is then bent outwardly in the middle sufficiently to cause the ring 6 to tip the jar enough to allow the bottom part 5^a to slip under the bottom of the jar. This bending of the part 5 is easily accomplished by placing one finger in the top loop 5^j and pressing the thumb on the twisted neck part 5ⁱ, while the part 5^a rests on the bottom of the receptacle in which the jar is located. As soon as the part 5^a is underneath the jar it is evident that the latter may be lifted at will, since the ring 6 supports the jar between the parts 5^c and 5^d of the device. By reason of the sliding movement of the eye 6^c of the ring on the part 5^c the device is adapted for use with jars of several sizes.

When not in use, the ring 6 may be folded against the part 5, as shown in Figs. 1 and 2, whereby a number of the devices may be packed together within small compass for shipping purposes. It is also practicable to place a number of these devices in the same box in which the ordinary Mason fruit-jars are shipped, sending the devices along with the jars without the necessity of using separate packages.

Having thus described my invention, what I claim is—

1. A lifting device for jars, cans and similar articles, consisting of a body part composed of spring metal, having a single bottom part and two parts projecting upwardly from the extremities of the bottom part and suitably connected at the top, and a ring movably connected with the body part and adapted to surround the jar or other similar article, substantially as described.

2. As an improved article of manufacture, a lifting device of the class described, comprising a body part composed of wire having a bottom part and two upwardly-projecting parts suitably connected at the top, and a

ring slidably connected with one side of the body part, and connected with the other side to prevent sliding movement, substantially as described.

5 3. As an improved article of manufacture, a device of the class described comprising a body part composed of spring-wire, having two upwardly-projecting parts bent inwardly at their upper extremities and suitably connected,
10 one of the upright parts having an eye formed therein, a ring whose extremities are connected with said eye, the ring being also provided with an eye which surrounds the other upright part of the body device,
15 whereby the ring is allowed to slide vertically within certain limits on one side of the device, substantially as described.

4. As an improved article of manufacture, a device of the class described comprising a
20 body part formed of wire and composed of a single bottom part and two parts projecting upwardly from the extremities of the bottom part bent inwardly at the top and twisted to-

gether to form a handle or stem, and a ring movably connected with the upright parts of
25 the body portion, to permit a limited movement, substantially as described.

5. As an improved article of manufacture, a lifting device for jars or similar articles, comprising a body part having a bottom and
30 two upright parts, the latter being bent toward each other at the top and twisted together, a loop or ring being formed above the twisted portion, one of the upright parts having an eye formed therein, and a ring hav-
35 ing an eye surrounding the other upright part, the extremities of the ring being connected with the said eye of the upright part, substantially as described.

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

JOHN K. RETTIG.

Witnesses:

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