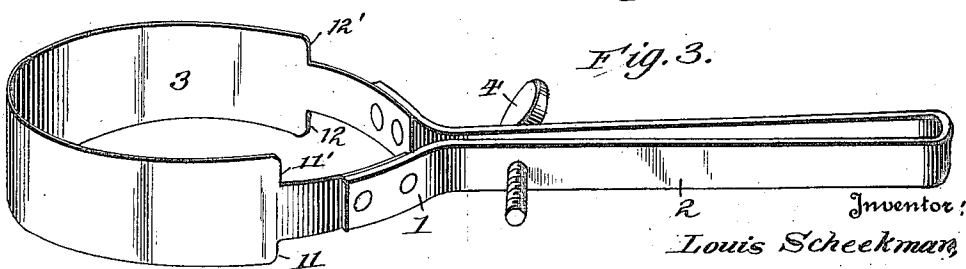
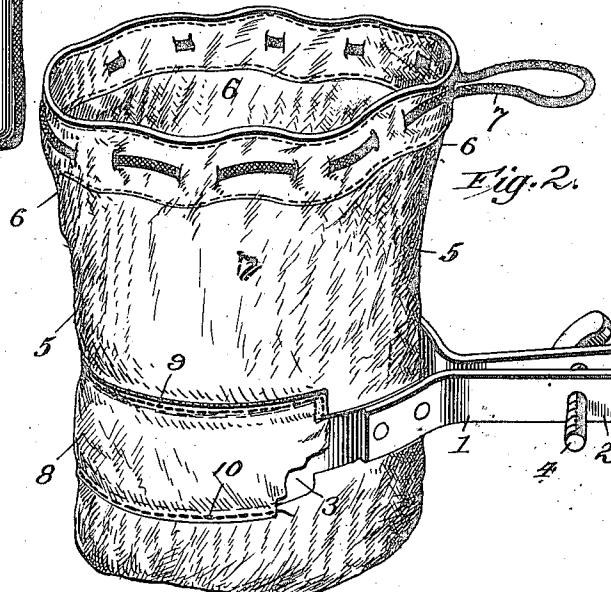
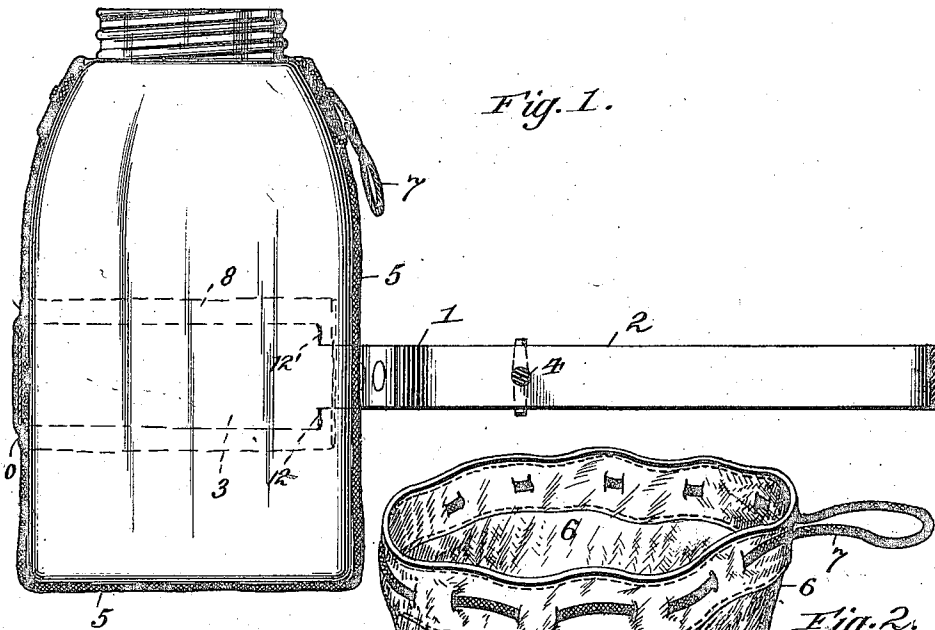


1,429,779.

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By *Dodge and Sons*

Attorneys

# UNITED STATES PATENT OFFICE.

LOUIS SCHEEKMAN, OF DULUTH, MINNESOTA, ASSIGNOR OF ONE-HALF TO LOUIS ORECK, OF DULUTH, MINNESOTA.

## CANNING DEVICE.

Application filed November 8, 1920. Serial No. 422,721.

*To all whom it may concern:*

Be it known that I, LOUIS SCHEEKMAN, a citizen of the United States, residing at Duluth, in the county of St. Louis and State of Minnesota, have invented certain new and useful Improvements in Canning Devices, of which the following is a specification.

This invention relates to canning apparatus and more particularly to a combined jar holder and jar tempering device.

In order to prevent cracking of the glass jars during the process of domestic canning, it is necessary before pouring the hot preserves or other substances to be canned into the jars, to heat the jars in boiling water. The jars are then removed from the water and often times considerable time elapses before the preserves or other hot substance to be canned is poured into the jars, thus permitting them to cool from contact with the air. The hot substance being poured into the jars, unequal expansion of the surfaces of the jars occurs and they are broken causing considerable annoyance, besides waste of material and time.

It is the purpose of the present invention to overcome these difficulties by providing a simple inexpensive device consisting of a jar holder provided with a handle whereby the jar may be readily moved from place to place as desired, and in addition tempering means in the form of a relatively heavy fabric bag supported in one end of the jar holder, adjustable to receive various sized jars. When the jar is removed from the hot water, the enclosing fabric bag, due to its absorbent nature retains a certain amount of the hot water, thus maintaining the outer surface of the jar at a high temperature and preventing its breaking when the hot substance is poured therein.

Referring to the accompanying drawing which illustrates a practical embodiment of the invention, and wherein like numerals indicate the same parts throughout the several views,

Fig. 1 represents a longitudinal sectional view of the device with a jar secured in operative position therein;

Fig. 2 a perspective view with the jar removed, and a portion of the jar holder handle broken away; and

Fig. 3 a perspective of the jar holder, the fabric bag having been removed to more clearly show the details of the holder.

As shown in the drawing, the device comprises a jar-holder 1 of sheet metal, having a handle portion 2, and a contractible jar engaging portion 3 adapted to be adjusted to fit any size jar by means of screw 4 connecting the two sides of the holder. Supported in the jar engaging portion 3 of the jar holder is a relatively heavy fabric bag 5 flared at its top 6, so as to readily receive a jar, and provided with a draw string 7 whereby the bag may be drawn snugly about the upper portion of the jar. Bag 5 is preferably formed of knitted cotton or wool, but any other absorbent material that will withstand the heat of boiling water may be used.

Bag 5, as shown in Figs. 1 and 2, is secured to jar engaging portion 3 of the jar holder by means of a fabric strip 8 extending nearly around bag 5 outside of the jar holder and stitched to bag 5 at both its upper and lower edges 9, 10. It will be noted that portion 3 of the jar holder is provided on either side with pairs of shoulders 11, 11' and 12, 12', and as shown in Fig. 2, the stitching at the ends of strip 8 is carried down behind the shoulders, thereby preventing rotative movement of the bag about the jar engaging portion 3 of holder 1.

It being desired to prepare jars to receive a substance to be canned, an empty glass preserving jar, with the top removed, is placed in the device as shown in Fig. 1, screw 4 and draw string 7 having been first adjusted to permit entrance of the jar. Screw 4 is then tightened sufficiently so that the jar engaging portion 3 firmly grips the jar, whereupon draw string 7 is again tightened so as to prevent the boiling water from rushing into the upper end of the bag when the jar is dipped in the water. The jar is then submerged in the boiling water for a sufficient time to permit its becoming thoroughly heated throughout, the heavy fabric bag preventing sudden contact of the outer surface of the jar with the boiling water and consequent cracking of the jar. The jar is then removed and the water drained out.

The jar while in the device is then placed upright on a support ready to receive the hot substance to be canned. The hot substance being poured into the jar, there is no likelihood of the jar cracking as its outer surface is protected from contact with the cool atmosphere by fabric bag 5, which also, due to its absorbent properties retains a considerable amount of the hot water, thereby maintaining the outer surface of the jar at a relatively high temperature sufficiently long to allow for the canning operation. It is obvious that the jar holder 1 will aid considerably in securing the jar cover firmly in place, as it affords ready means for holding the jar against rotation.

While the specific form of the device shown and described has been completely satisfactory in practical use, it is not intended to restrict the invention to the exact means or material specified except as limited by the appended claims.

What is claimed is:—

1. In a device of the character described, the combination of, a jar-receiving member formed of absorbent material; and a fruit-jar holder operatively associated therewith.

2. In a device of the character described, the combination of, a jar-receiving member formed of absorbent material; and a fruit-jar holder supporting said jar-receiving member in its outer end.

3. In a device of the character described, the combination of, a jar-receiving bag, formed of relatively heavy textile material; and a jar holder having a handle portion

and a jar-engaging portion supporting said bag.

4. In a device of the character described, the combination of, a jar-receiving sack formed of relatively heavy absorbent material; a jar-holder having a handle portion and an annular contractible jar-engaging portion surrounding said sack; and a fabric strip covering the jar-engaging portion of said jar-holder and stitched to said sack to secure the same in place.

5. In a device of the character described, the combination of, a jar-receiving sack formed of relatively heavy textile material; a jar-holder having a handle portion and an annular contractible jar-engaging portion surrounding said sack; and a fabric strip covering the jar-engaging portion of said jar holder and stitched to said sack to secure the sack in place, said jar-engaging portion being provided with vertical shoulders to prevent rotative movement of said sack.

6. A device of the character described comprising in combination, a jar holder formed of a continuous strip of spring metal and having an annular contractible jar-engaging portion and a handle portion; means for varying the size of the opening formed by said jar-engaging portion and a jar-receiving sack or textile material supported in the jar-engaging portion of said jar-holder.

In testimony whereof I have signed my name to this specification.

LOUIS SCHEEKMAN.