

Feb. 7, 1933.

J. BROWN

1,896,438

BOTTLE HANDLING DEVICE

Filed Sept. 7, 1932

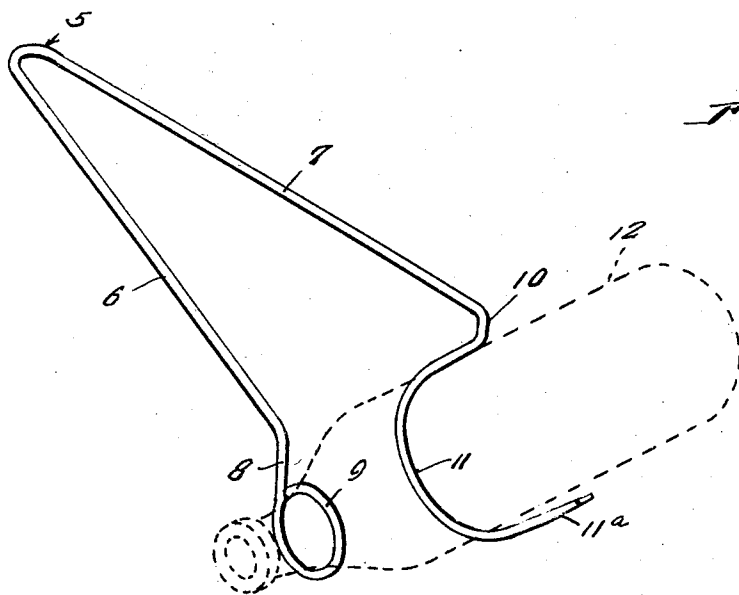


Fig. 1.

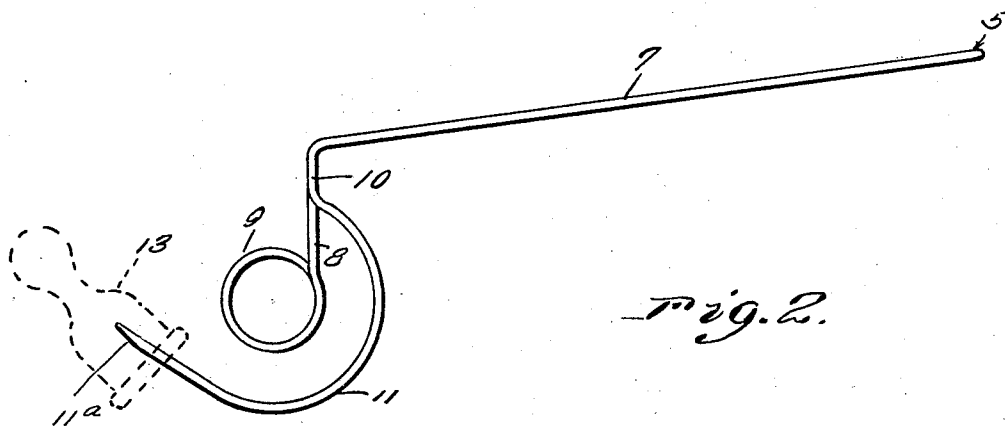


Fig. 2.

Inventor

James Brown

By *Clarence A. O'Brien*
Attorney

UNITED STATES PATENT OFFICE

JAMES BROWN, OF YOUNGSTOWN, OHIO

BOTTLE HANDLING DEVICE

Application filed September 7, 1932. Serial No. 632,056.

This invention relates to bottle handling devices, and in accordance with the present invention a device of the character above mentioned is provided for handling bottles and jars of all types, and particularly for handling nursing bottles and nipples.

The bottle handling device characterized by the present invention will be found especially useful in removing a nursing bottle from a sterilizing bath, and for also removing the nipple from such bath, it being well known in the art that it is a common practice to sterilize nursing bottles and nipples by placing the same in boiling water for a reasonable period of time, and heretofore the task of removing the bottle or nipple from the boiling water has been rather difficult, and the person so attempting to remove the bottle or nipple, is not infrequently burned.

The device embodying the features of the present invention will enable one to remove the bottle or nipple from the boiling water without danger of scalding his or her person.

The invention, together with its numerous objects and advantages, will be best understood from a study of the following description taken in connection with the accompanying drawing wherein:

Figure 1 is a perspective view showing the device applied to a nursing bottle.

Figure 2 is a side elevational view thereof showing the manner of using the same for handling a nipple.

In accordance with the present invention, the handling device for nursing bottles and the like is formed from a single length of wire so shaped as to provide a handle equipped at one end for engaging both the neck and body of the bottle for placing the same into a sterilizing bath or removing the bottle from the bath. In the present instance, the wire is bent to form a substantially V-shaped handle 5 having the sides 6, 7, and the side 6 in this instant adjacent its free end is bent downwardly and at substantially right angles to the body of the side 6 as at 8, and is then looped as at 9 to provide an eye or neck engaging ring of relatively small diameter.

The side 7 of the handle adjacent its free end is also bent downwardly as at 10 in parallelism to the part 8 of the side 6, and the part 10 merges into a laterally curved part forming an open loop 11 of relatively greater diameter than the loop or eye 9 and disposed concentric to the eye 9. The outer side 11a of the loop is substantially straight and may be slightly sharpened or pointed as shown to provide a finger adapted to be inserted into a nursing nipple in a manner suggested in Figure 2.

To engage the bottle 12, the handle 5 is held at substantially right angles to the bottle 12, and with the loops 9 and 11 substantially aligned with the neck-equipped end of the bottle. The device is then moved lengthwise of the bottle 12, the loop 11 first receiving the bottle and then continuing towards the bottom of the bottle being followed by the loop 9, which latter loop receives the neck of the bottle while the loop 11 receives the body portion of the bottle as clearly suggested in Figure 1. With the loops 9 and 11 so engaging the bottle 12 it will be seen that the bottle may be readily manipulated either for placing it in a sterilizing bath, or for removing the bottle from said bath. It is also apparent that with the device so engaging the bottle, such a bottle may be held in a substantially inverted vertical position for draining the bottle subsequent to the removal of the same from its sterilizing bath.

To remove a nipple indicated by broken lines in Figure 2 and designated by the reference numeral 13, all that is necessary is to engage the finger 11a with the nipple 13 as shown in Figure 2 whereupon the nipple may be readily removed from the sterilizing bath.

While I have specifically described the bottle handling device as used in conjunction with a nursing bottle, it will be apparent that the same can also be readily used in conjunction with other types of bottles and jars or the like.

Even though I have herein shown and described the preferred embodiment of the invention, it is to be understood that the invention is susceptible of further changes,

modifications and improvements coming within the scope of the appended claims.

What is claimed is:

1. A jar or bottle handling device formed
5 from a single piece of wire bent intermediate its ends to form a handle, and at each of its ends to form a loop, one of said loops being of relatively small diameter to receive the neck of the bottle, and the other of the loops
10 being of relatively large diameter to accommodate the body portion of the bottle.

2. A bottle or jar handling device comprising in combination a handle, a body embracing member formed at one end of said
15 handle, and a neck embracing member formed at the same end of said handle and spaced laterally from said body embracing member.

3. A bottle or jar handling device comprising a substantially V-shaped handle having the sides thereof adjacent the open end of the V extended laterally in parallelism, and then merging into loops, one of which is of relatively small diameter to engage the neck
20 of the bottle, and the other of which is of relatively large diameter to engage the body of the bottle, the last-named loop being also open, and having one side thereof at the open end of the loop formed to engage a nipple.

30 In testimony whereof I affix my signature.

JAMES BROWN.

35

40

45

50

55

60

65