

No. 885,806.

PATENTED APR. 28, 1908.

I. J. TRUE.
BOTTLE HOLDER AND RACK.
APPLICATION FILED APR. 8, 1907.

Fig. 1

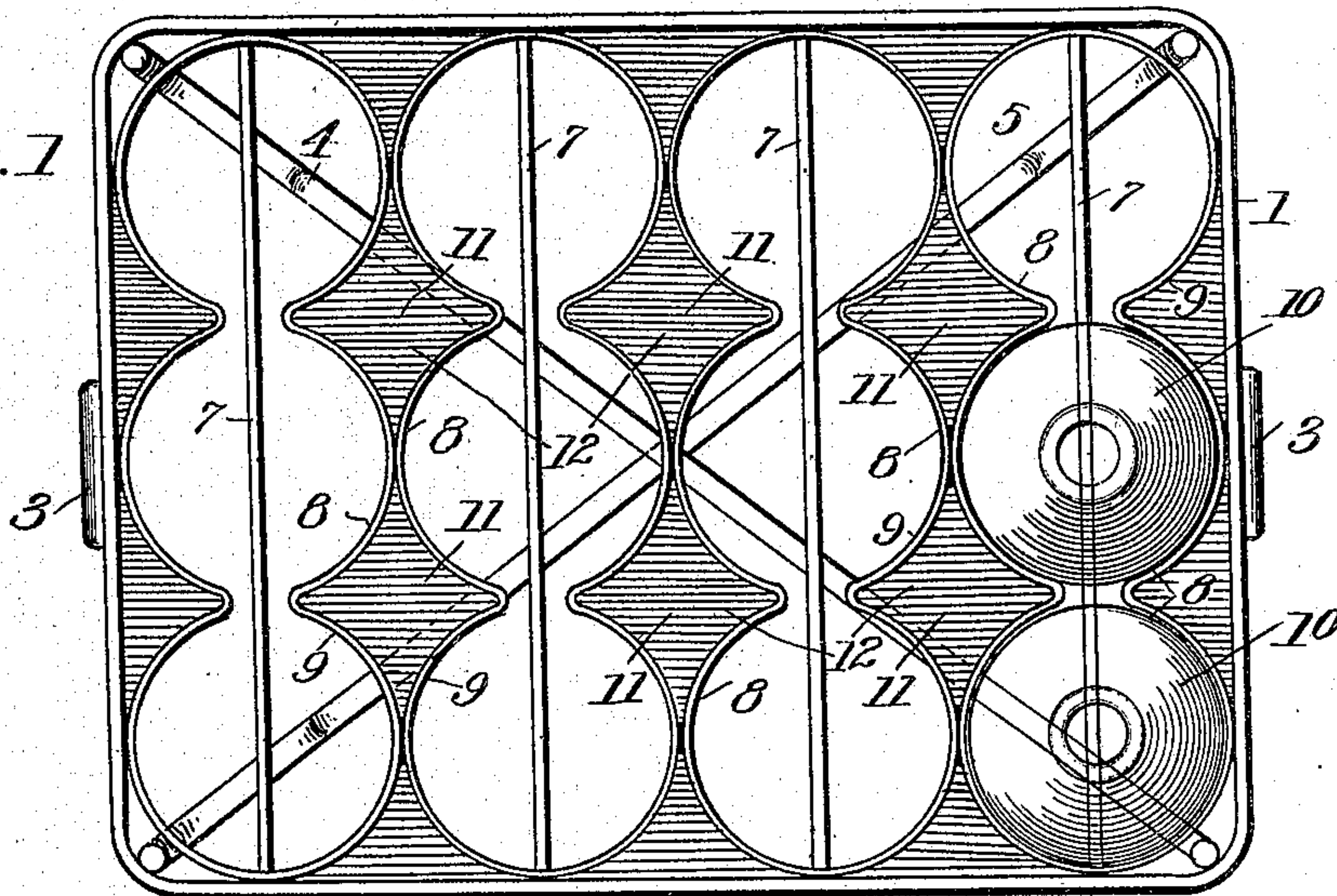
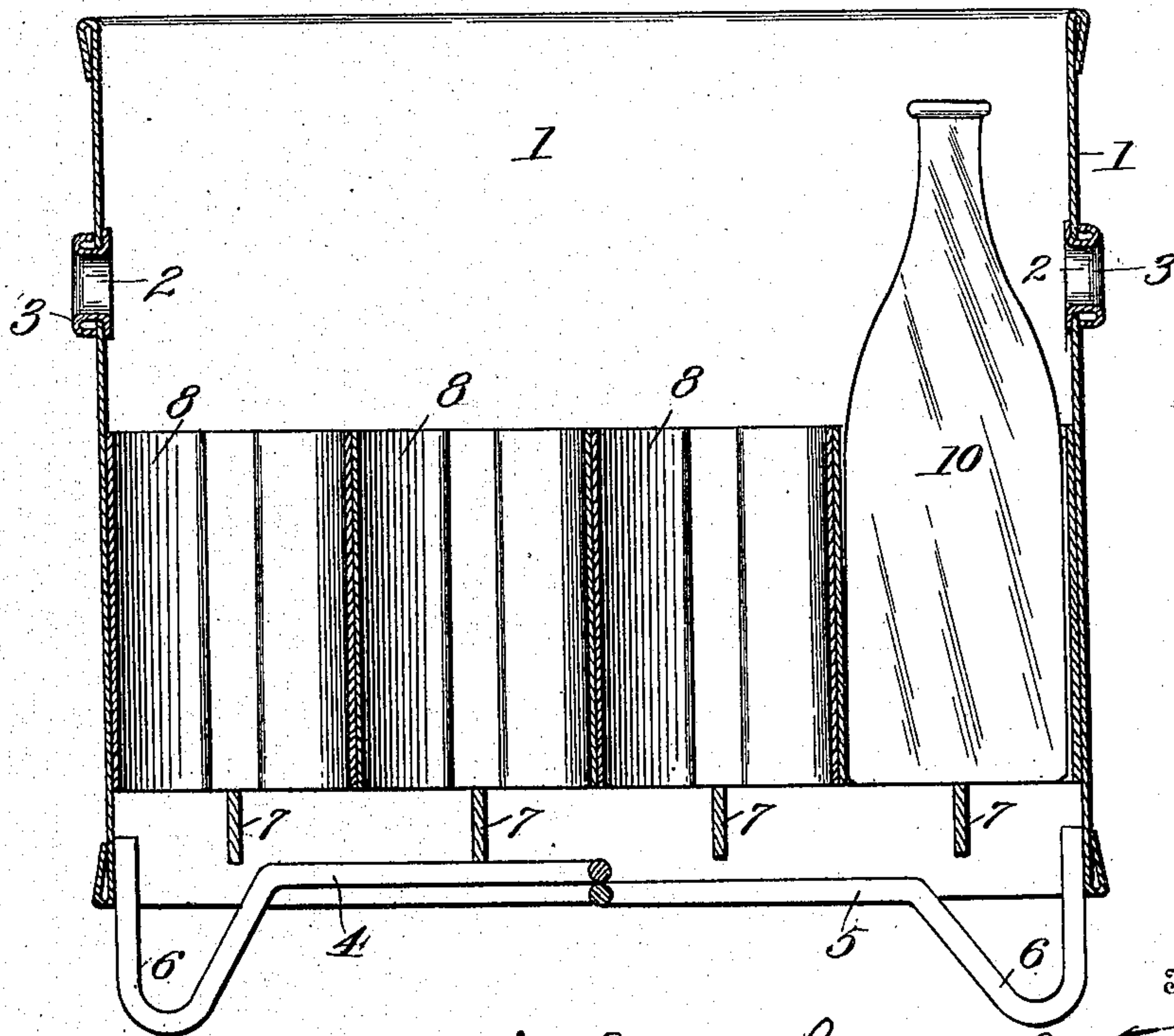


Fig. 2



Inventor

Witnesses

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[Signature]

Fig. 3.



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IRVING J. TRUE, OF PROVIDENCE, RHODE ISLAND.

BOTTLE HOLDER AND RACK.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, IRVING J. TRUE, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Bottle Holders and Racks, of which the following is a specification.

This invention relates to a bottle holder or rack.

One object is to provide a bottle holder or rack embodying such characteristics that the bottles may be held sufficiently tight as to prevent rattling and to accommodate bottles of uneven or larger or smaller size.

Another object resides in the provision of a bottle holder or rack constructed and arranged to support the bottles firmly in position and to provide for the tempering of the contents of the bottles.

It is still further designed to provide a bottle holder or rack embodying an organization of coöperating elements to provide for the firm support of the bottles and to permit of sterilization of the bottles by inverting the same and holding them in their inverted positions to permit of proper drainage.

With the above and other objects in view, the present invention consists in the combination and arrangement of parts hereinafter more fully described, illustrated in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes may be made in the form, proportion, size and minor details without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings:—Figure 1 is a top plan view of the invention. Fig. 2 is a longitudinal sectional view; and Fig. 3 is a detail view of one of the hand-hole reinforcing elements.

Referring now more particularly to the accompanying drawings, the reference character 1 indicates the body of my improved bottle holder or rack provided at its ends with hand openings 2, the ends of the body being first slotted and then reinforced by means of the collars 3 having their inner edges turned inwardly against the inner face of the body 1 to hold the reinforcing elements firmly in engagement with the body.

To support the body above the ground, floor, or other support, I provide the elements 4 and 5, each having its opposite end bent to form the feet 6 and secured to diagonally opposite corners of the body 1, the

feet 6 being directed downwardly with respect to the body and the body portions of the elements 4 and 5 engaging each other at their point of intersection. The body portions of these elements 4 and 5 perform the further function of aiding in the support of the transverse supporting bars 7 secured at their opposite ends to the sides of the body 1 slightly above the lower edge of the latter.

Disposed within the body 1 are separate series of bottle holding compartments 8, each series of compartments being formed by opposite flexible walls 9 bent to form convolutions conforming to the general shape of the bottles 10, each series being secured firmly at their ends to the sides of the body 1 with the walls 9 of the end series of compartments firmly secured to the ends of the body.

By reason of the peculiar formation of the separate series of bottle compartments and their peculiar disposition with respect to one another, being connected not only to the sides and ends of the body but also to the end compartments of the adjacent series of compartments, there is provided the series of tempering chambers 11 between the adjacent series of compartments, each tempering compartment being provided with a closed bottom 12 to prevent the escape of hot or cold water or the resultant water from ice. Thus it will be understood that the contents of the bottles may be tempered either with hot, or cold water, or with ice, and that by reason of the flexible side walls of the compartments, different sized bottles may be firmly supported in the holder or rack.

It will be seen that the transverse bars 7 are arranged one beneath each series of bottle holding compartments to prevent the bottles accidentally passing through the holder or rack, or rattling, whether the bottles be in proper or inverted position.

When sterilizing, the bottles are inverted, the mouth of the bottles resting upon the cross bars whereby the bottles may be readily rinsed, steamed and sterilized, the afore-said diagonally arranged elements 4 and 5 greatly strengthening the rack, preventing collapsing of the latter.

What is claimed is:—

1. A bottle holder comprising a body having closed side walls and open at top and bottom and with supports projecting below the body, vertical bars spaced apart and disposed within said body and extending from side to side thereof, a plurality of partitions

bearing upon said bars and forming bottle holding compartments and with independent tempering chambers between the partitions.

5 2. A bottle holder comprising a body open at top and bottom, cross bars connecting opposite sides of the body, a plurality of bottle holding compartments arranged above the cross bars, whereby said cross bars form sup-
10 ports for the bottles when in the compartments and with tempering chambers between the compartments, and supporting elements connected to the body and projecting below the same.

15 3. A bottle holder or rack comprising a body, cross bars connecting opposite sides of

the body, a series of bottle holding compartments arranged over each cross bar, supporting elements each connecting diagonally opposite corners of the body and engaging the
20 cross bars, portions of diagonally disposed elements having feet, tempering chambers arranged within the body adjacent the compartments to temper the contents of the bottles, and hand openings in the ends of the
25 body.

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

IRVING J. TRUE.

Witnesses:

GEORGE A. MARYOTT,
HENRY J. PALMER.