

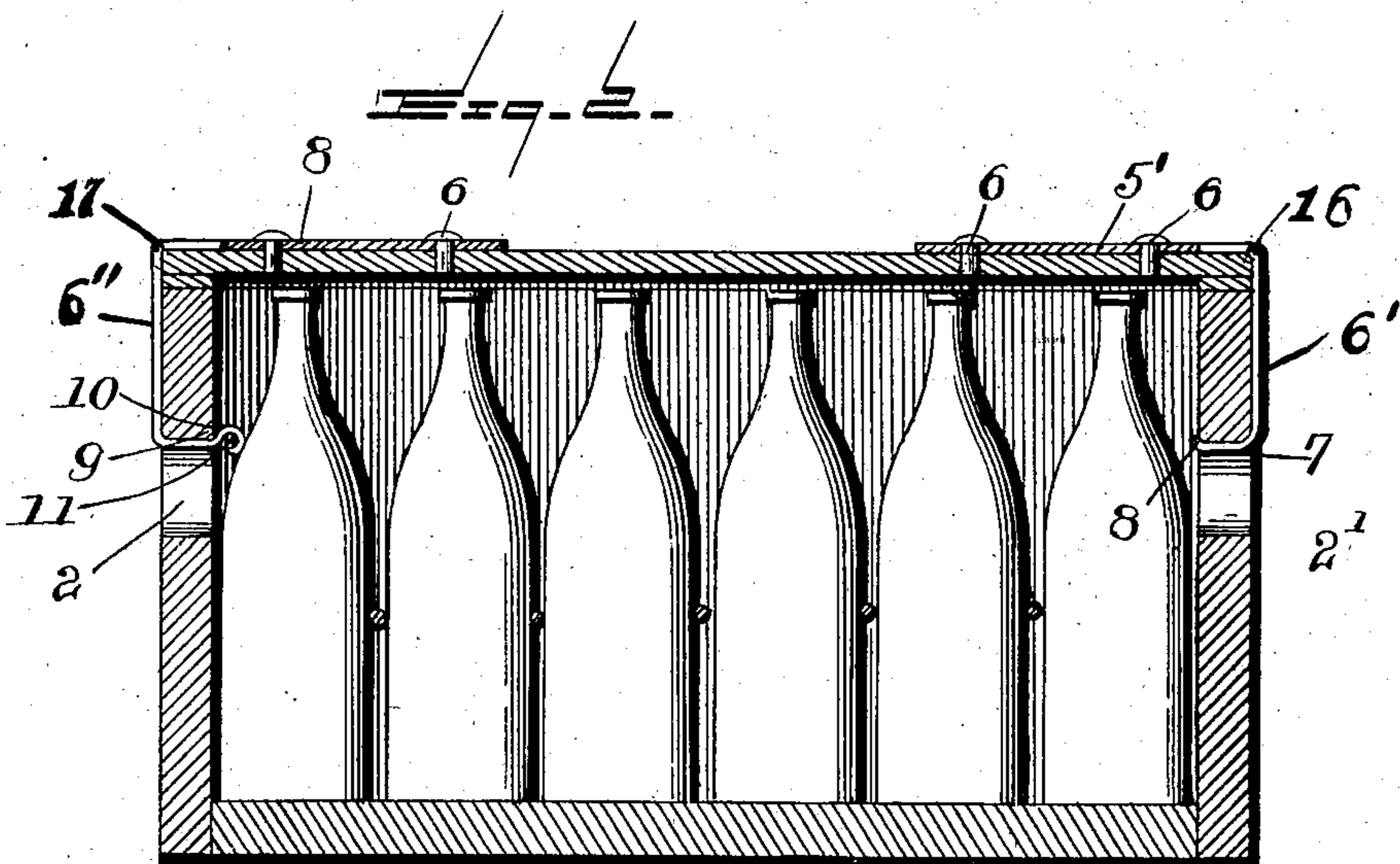
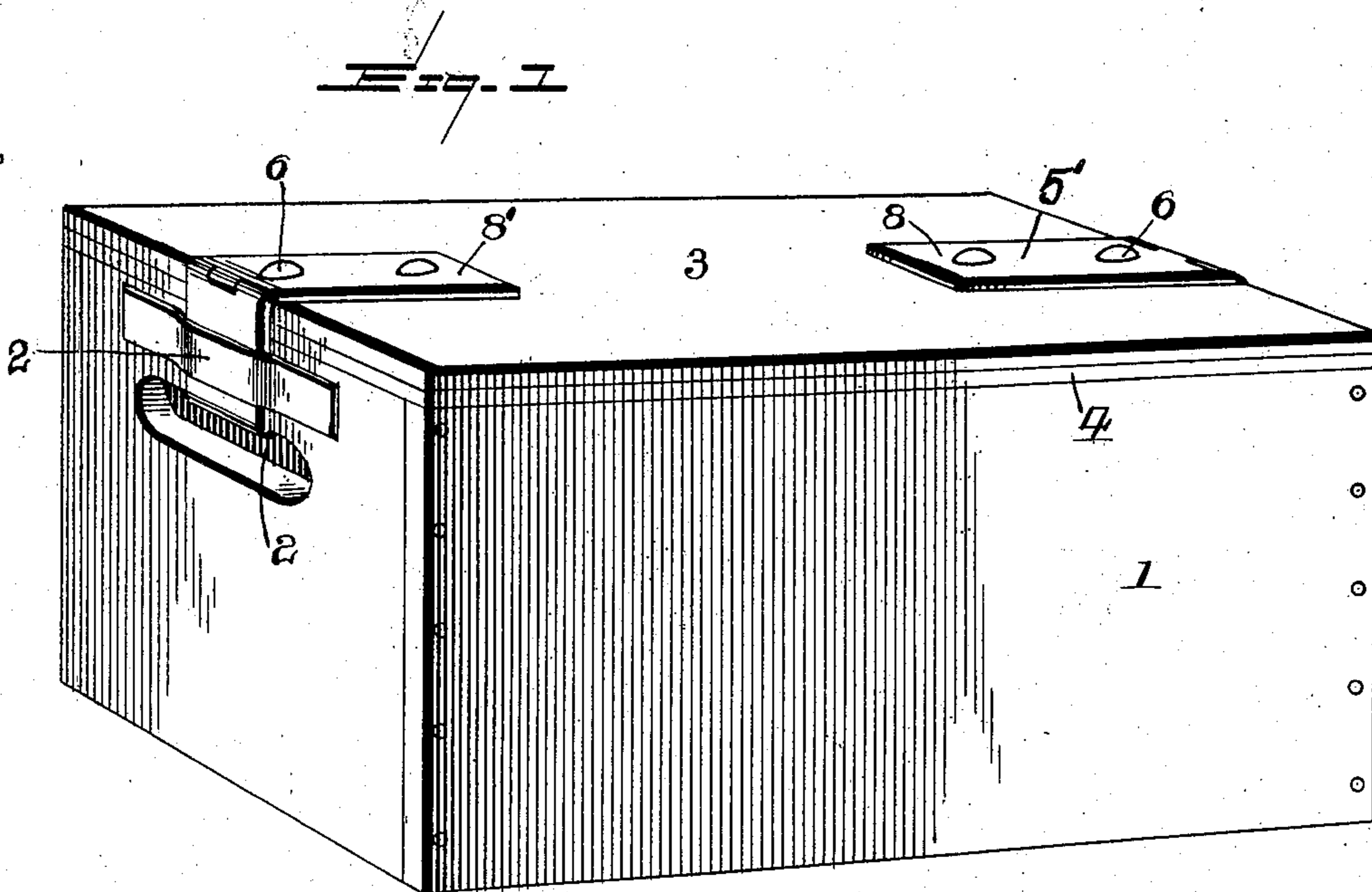
No. 741,645.

PATENTED OCT. 20, 1903.

J. F. FIELDS.  
LID FASTENER.

APPLICATION FILED JAN. 17, 1903.

NO MODEL.



WITNESSES:

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## UNITED STATES PATENT OFFICE.

JOSEPH FRANCIS FIELDS, OF STATESBORO, GEORGIA.

## LID-FASTENER.

SPECIFICATION forming part of Letters Patent No. 741,645, dated October 20, 1903.

Application filed January 17, 1903. Serial No. 139,486. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH FRANCIS FIELDS, a citizen of the United States, residing at Statesboro, in the county of Bulloch and State of Georgia, have invented certain new and useful Improvements in Lid - Fasteners, of which the following is a specification.

My invention relates to certain new and useful improvements in lid - fasteners, having more particular reference to that class of lid-fasteners employed in conjunction with bottlers' boxes.

My invention has for its object a device of this type which may be readily engaged and disengaged from the boxes and further aims to employ fasteners which may be folded when the lid is out of use and which may be used in conjunction with the ordinary hand-holes provided in the ends of boxes of this nature, as is well known in the art.

With the above and other objects in view my invention further consists in the novel details of construction and combination of parts to be clearly described in the following specification and then set forth in the claims.

Referring to the accompanying drawings, forming a part of this application, and wherein like characters of reference indicate similar parts throughout the several views, Figure 1 is a perspective view of a box equipped with my improvements, and Fig. 2 is a central longitudinal sectional view thereof.

It will be perceived from the drawings that the box denoted by the reference-numeral 1 is of the ordinary and well-known construction such as is employed by bottlers, at its ends it being provided with hand-apertures, (denoted by the numerals 2 2'.)

I desire to call attention to the fact that my approved lid-fastener may be employed in conjunction with any ordinary bottlers' boxes such as are in common usage.

The lid (designated by the numeral 3) is of such size as will conveniently cover the box and on its under side is provided with cleats 4, which may be secured thereto in any approved fashion, these cleats being arranged along the sides and ends of the lid adjoining the edges of the lid. These cleats are adapted to engage the upper edges of the sides and

ends of the box in order to space the lid from the upper ends of the bottle-necks, and thereby prevent contact between the two. Arranged at each end of the lid and positioned so as to extend in an alinement with the hand-holes of the box are secured strips 5' 8'. As will be perceived more particularly from Fig. 2 of the drawings, the strips 5' 8' are formed from a flat piece of metal which is secured to the lid through the medium of rivets 6. Hinged to the ends of the strips, as at 16 17, which extend to the ends of the lid, are right-angular clips 6' 6'', which closely engage the ends of the box and have their lower portions bent inwardly to extend in the hand-holes and whose ends are slightly bent upwardly, as at 8, to form an engagement with the inner side of the box adjoining the hand-hole. The clip designated at 6'' is in its construction preferably formed approximately the same as the clip 6', with the exception of the inner end 9, which is formed so as to present a shoulder 10, which engages the inner side of the box end and which is then curled, so as to form a convenient hand-grip, as shown at 11.

It will be seen that these fasteners are secured independent of one another and may be easily applied. By merely exerting a downward pressure upon the hand-grip 11 the shoulder 9 may be disengaged from the box end and the lid then swung in a vertical rotary plane about the end 7 of the clip 6'. When the lid has been sufficiently raised in a manner just mentioned, the end 7 may be readily disengaged from the hand-hole 2' and the lid completely removed from the box. In placing the lid upon the box the end 7 being first placed in the hand-hole 2', and when the end of the clip 6'' has been placed in the position shown in Fig. 2 the clip will occupy the position shown in said figure, and the lid will be secured in a rigid position.

As shown in Fig. 1 of the drawings, I may place a strip of paper 12 over the clip 6'', which strip is suitably secured to the end of the box and to the clip, indicating that when the seal is broken the lid has been removed.

By hinging the clips they may be folded back onto the lid, and thus occupy less space,

and will permit of the lid being more conveniently stored until it is desired to replace the same.

While I have shown in the accompanying drawings a particular embodiment of my invention, still I do not desire to be limited to the details thereof in so far as slight changes and alterations in the construction may be resorted to without deviating from the general spirit and scope of my invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination with the box formed with hand-apertures of a lid, a clip hinged to each end of the lid, said clips being formed with angularly-disposed portions extending

through the said apertures of the box, and having their free ends bent upwardly and engaging the inner faces of the box ends. 20

2. A lid for use in conjunction with boxes formed with hand-openings embracing strips on the ends of the lid having clips hinged thereto adapted to engage in the hand-holes of the box, and form an engagement with the inner sides of the box ends adjacent said hand-holes. 25

In testimony whereof I have signed my name to this specification in presence of two witnesses.

JOSEPH FRANCIS FIELDS.

Witnesses:

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W. M. OLIVER.