

No. 736,916.

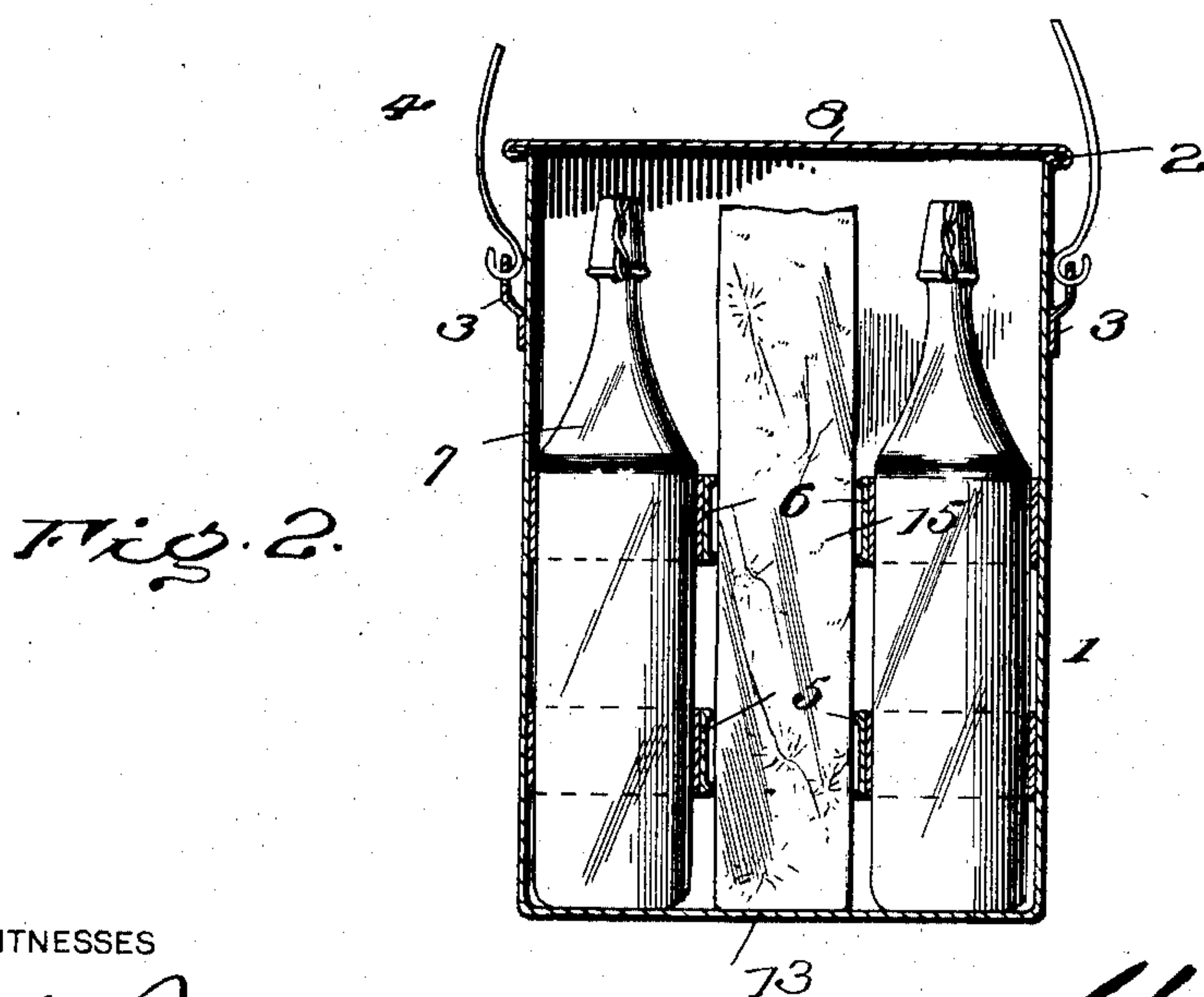
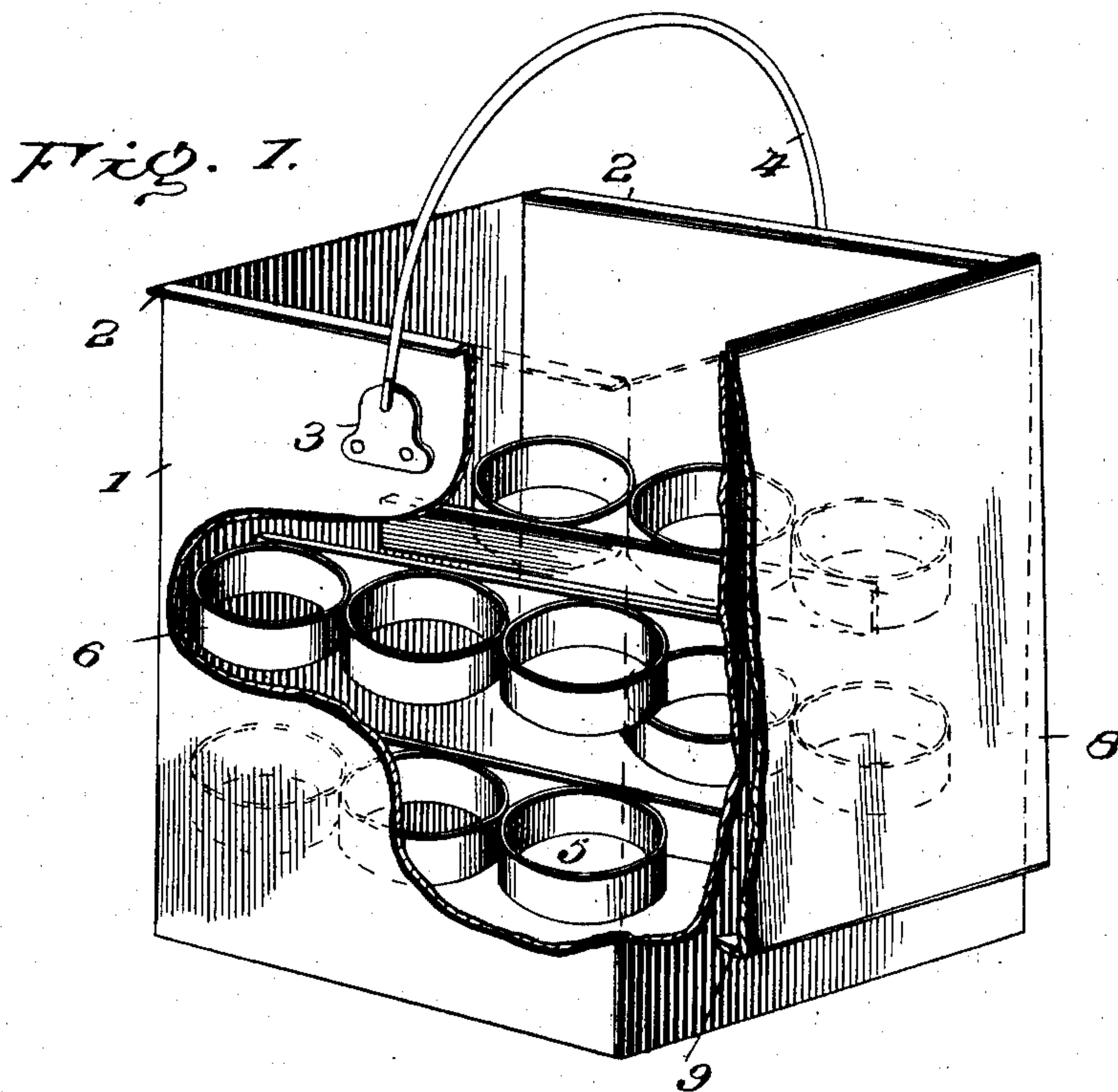
PATENTED AUG. 18, 1903.

C. E. FLINDER.  
DELIVERY CASE AND COOLER FOR LIQUIDS.

APPLICATION FILED MAY 23, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



WITNESSES

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INVENTOR

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2 SHEETS—SHEET 2.

Fig. 3.

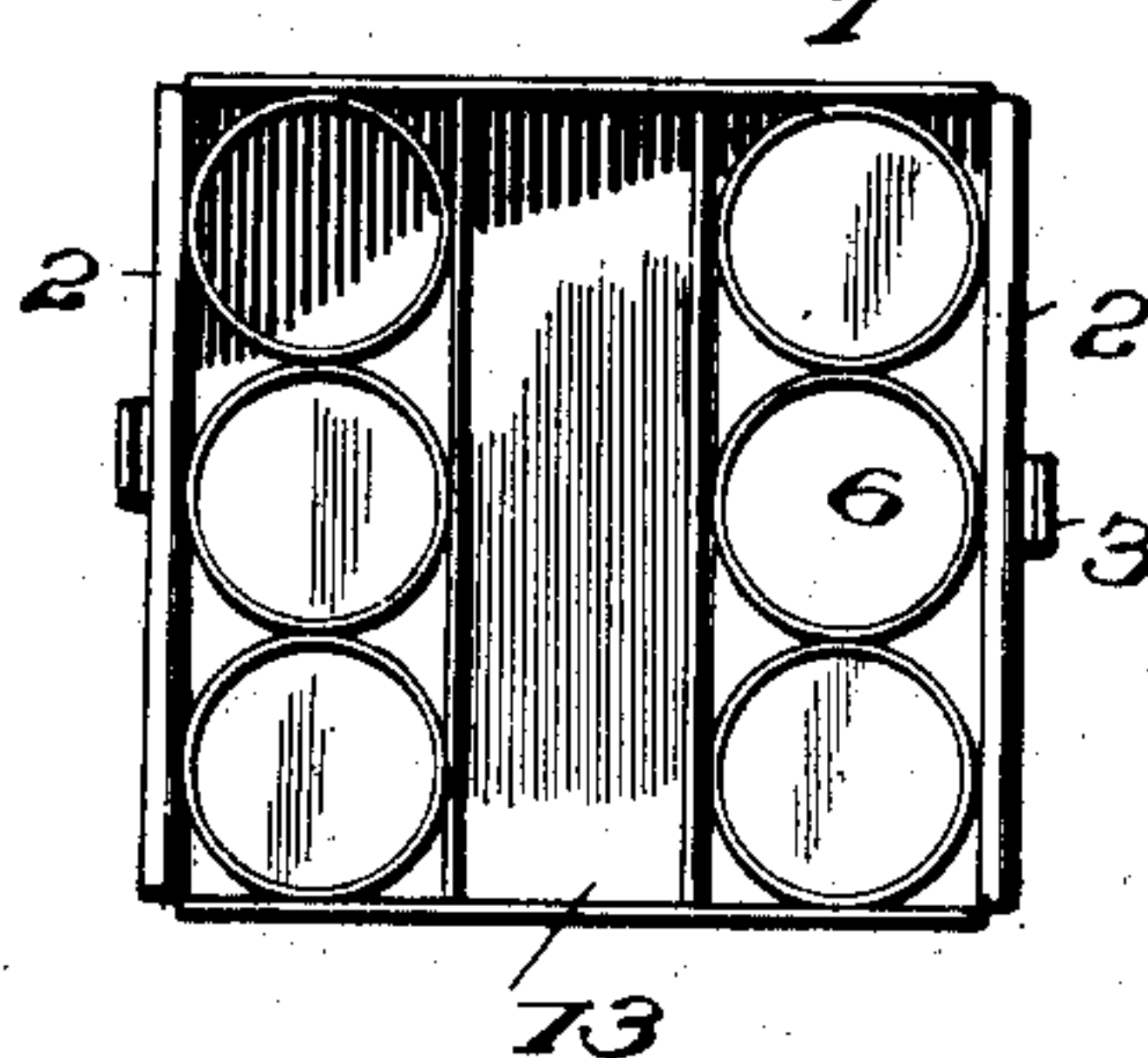


Fig. 4.

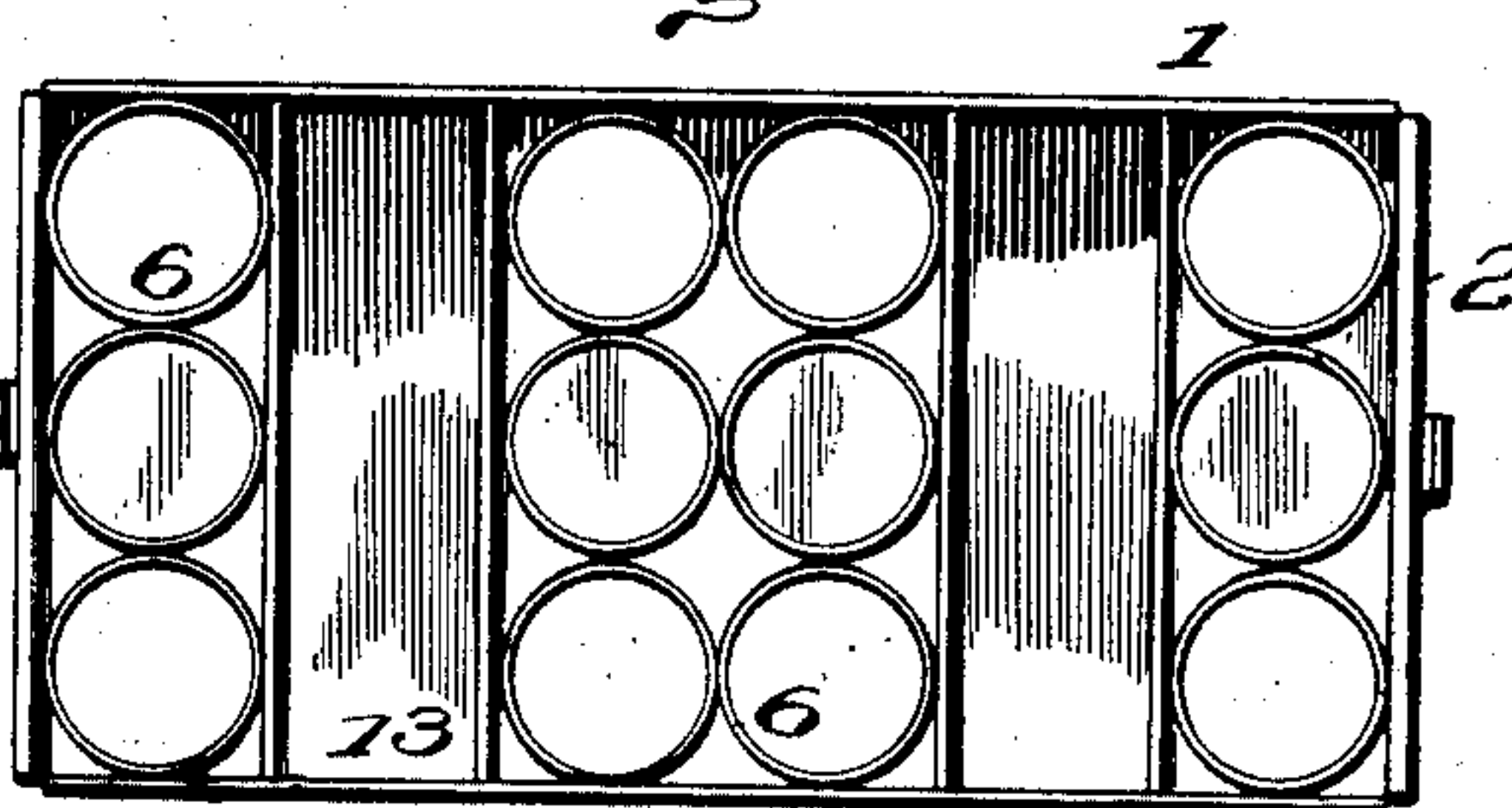


Fig. 5.

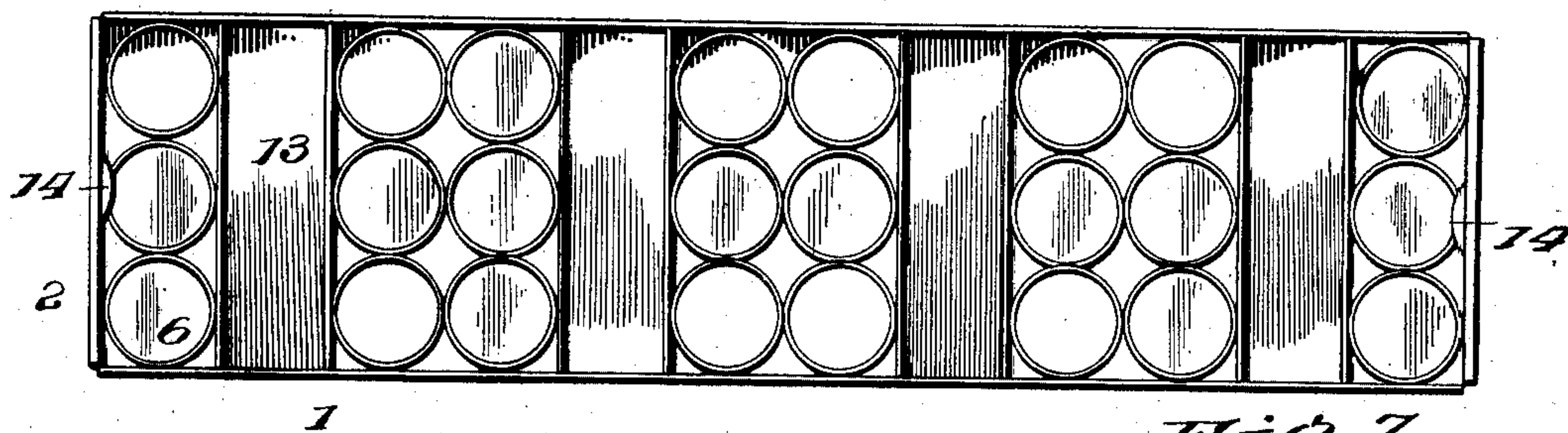


Fig. 6.

WITNESSES

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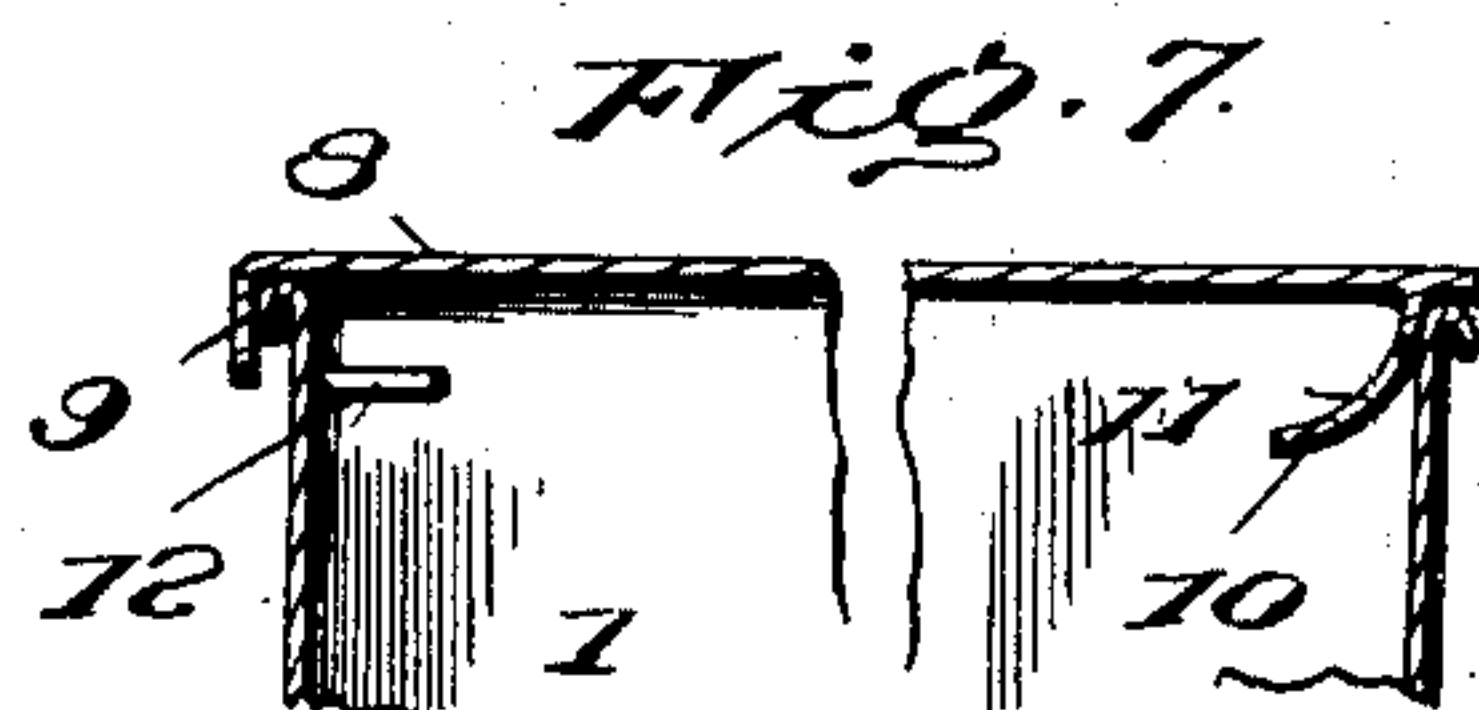
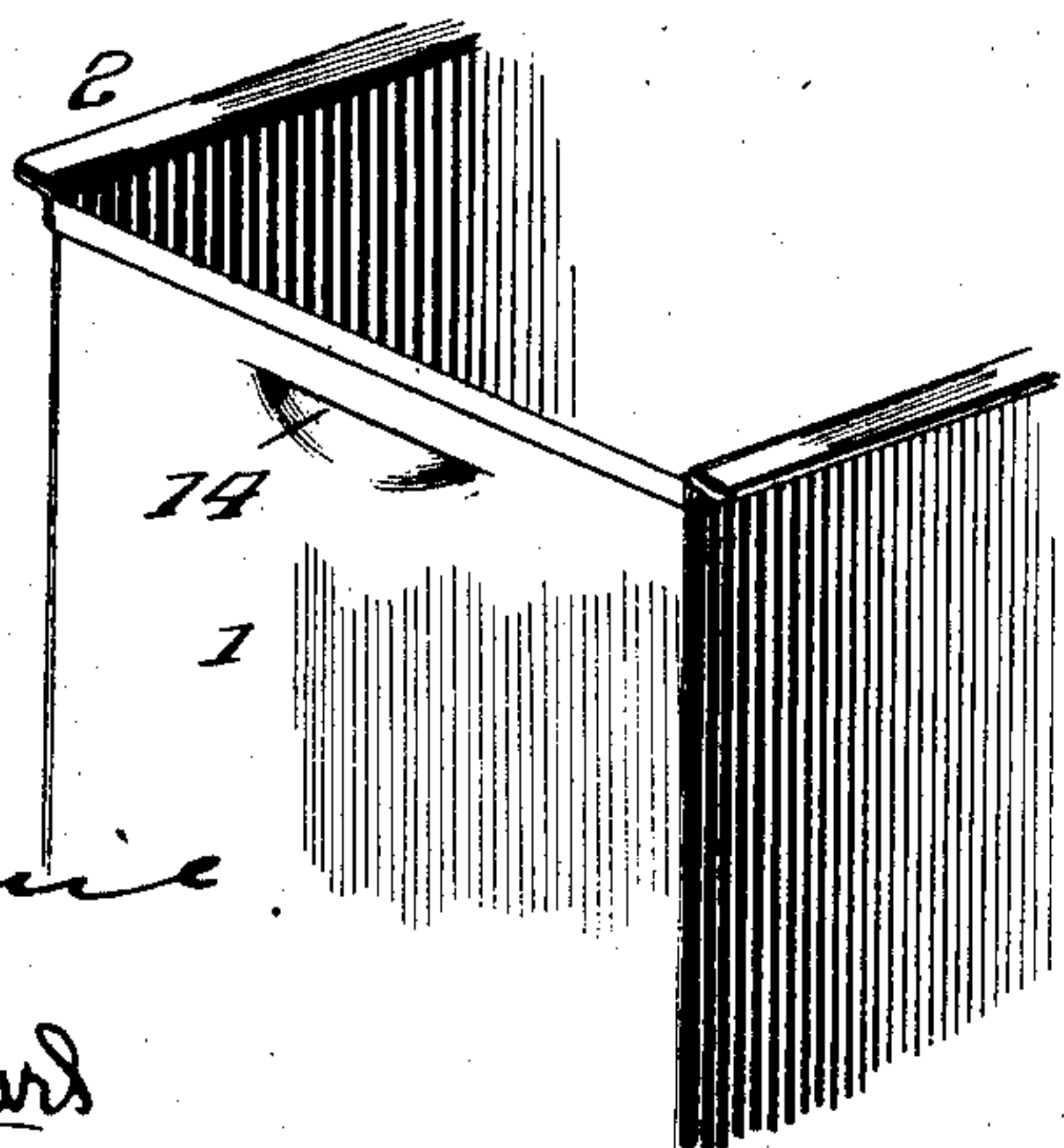


Fig. 8.

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# UNITED STATES PATENT OFFICE.

CHARLES E. FLINDER, OF WASHINGTON, DISTRICT OF COLUMBIA.

## DELIVERY-CASE AND COOLER FOR LIQUIDS.

SPECIFICATION forming part of Letters Patent No. 736,916, dated August 18, 1903.

Application filed May 23, 1903. Serial No. 158,431. (No model)

*To all whom it may concern:*

Be it known that I, CHARLES E. FLINDER, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Delivery-Cases and Coolers for Liquids, of which the following is a specification.

The object of my invention is to provide a case of this character whereby liquids—such as aerated and carbonated waters, milk, ale, beer, and other beverages—may be transported and delivered in a cool state, so that the goods are in a palatable condition when delivered to the consumer notwithstanding they may have been in a delivery-wagon or other vehicle for some time.

My invention consists of a closed receptacle having a suitable handle, the interior of which is divided into suitable compartments for bottles containing liquids and compartments for a block of ice between said bottles; and it consists of the parts and combination of parts, as will be hereinafter more fully described.

In the drawings, Figure 1 is a perspective view of my improved delivery-case, parts being broken away, the cover being in open position. Fig. 2 is a vertical transverse section of the same, the cover being in closed position. Fig. 3 is a top plan view of the case shown in Fig. 1, the top and bail being removed. Fig. 4 is top plan view of a case of greater capacity adapted to hold twelve bottles. Fig. 5 is a top plan view of a case arranged to hold twenty-four bottles. Fig. 6 is a detail perspective view of the end of the case shown in Fig. 5. Fig. 7 is a detail sectional view of Fig. 1, showing the means for locking the cover to the receptacle. Fig. 8 is a similar view with the cover in open position.

1 represents the delivery-case, which is preferably constructed water-tight and of thin sheet metal, galvanized iron being preferred, inasmuch as it is better adapted to withstand the action of the water. The upper edges of the sides of the case are provided with laterally-extending flanges 2, to be hereinafter referred to.

3 represents the bail-ears, secured to the sides of the case, and 4 is a suitable bail or handle attached to said ears.

The interior of the case is divided into com-

partments by means of bars 5, said bars in Figs. 1 and 2 running lengthwise of the case, and thus dividing it into three compartments, there being a pair of the bars near the bottom of the case and another pair near the top of the case. Between the bars and the sides of the case are arranged a series of circular frames 6, there being a series of three circular frames attached to each bar in vertical line with each other, whereby the bottle 7 is held in an upright position between the bars 5 and the side of the case, as clearly shown in Fig. 2.

The cover 8 is provided with crimped edges along its side—that is to say, each side of the cover is bent under, so as to form a track-way adapted to fit over the laterally-extending flange 2 on each side of the delivery-case—whereby said cover may be slid back and forth and at the same time be held firmly upon the top of the receptacle, the forward portion of the cover being bent downward at right angles to form a lip 9. In order to prevent the cover from becoming entirely disconnected from the case and being accidentally misplaced or lost, I provide the same with a depending tongue 10, curved throughout its length and provided with an elongated slot 11, said slot being adapted to engage with a pin 12, secured upon the other end of the delivery-case on the interior thereof, as shown in Figs. 7 and 8, whereby the cover may be slid off the top of the case and hang down in the position shown in Figs. 1 and 8 and at the same time be locked against accidental displacement to the case.

In Figs. 1, 2, and 3 it will be seen that I have arranged the ice-chamber 13 between each row of bottles, while in Figs. 4 and 5 I have shown cases of larger capacity, wherein, with the exception of the end rows of bottles, the ice-chambers are formed between every two rows of bottles; but notwithstanding this arrangement it will be seen that every bottle is directly adjacent an ice-chamber.

In large cases, such as shown in Fig. 5, adapted to carry twenty-four bottles an ordinary bail or handle, such as shown in connection with the case in Fig. 1, may be found to be unsuitable, and for this purpose I have indented the end walls of the case, as shown in Figs. 4 and 5, to form hand-grips 14.



15 represents a block of ice positioned in the ice-chamber 13. In this connection I would say that ice for these delivery-cases will be sawed into slabs of the proper dimension to closely fit within the ice-chamber and be of a height commensurate with the height of the bottle transported in the case, as clearly shown in Fig. 2.

From the above it will be seen that I have provided a case in which liquids of all characters may be transported from the bottling establishment to the consumer and delivered in a cool and palatable condition and that the case provides a convenient receptacle for the transportation of liquids and can be used by the consumer as a bottle-refrigerator.

Having thus described the invention, the following is what I claim as new therein:

1. A delivery-case and cooler comprising a closed receptacle, parallel horizontal bars in said case forming between them, a receptacle for a cake of ice, and series of frames between the bars and the walls of the case, constructed to hold the series of bottles along the sides of the cake of ice, said bars occu-

pying intermediate positions between the top and bottom of the case to permit the ice to contact with the bottles above and below and between said bars.

2. A delivery-case and cooler comprising a closed receptacle, a plurality of superposed pairs of parallel horizontal bars in said case forming between them a receptacle for a cake of ice, and a plurality of superposed series of frames between the bars and the walls of the case corresponding with the bars in vertical dimension and constructed to hold a series of bottles along the sides of the cake of ice, said bars occupying intermediate positions between the top and bottom of the case and being spaced apart vertically to permit the ice to contact with the bottles above, below and between said bars.

The foregoing specification signed this 20th day of May, 1903.

CHARLES E. FLINDER.

In presence of—

HERVEY S. KNIGHT,  
EDWIN S. CLARKSON.