

(Model.)

S. CARY.

PACKING BOX FOR BOTTLES.

No. 247,010.

Patented Sept. 13, 1881.

Fig. 1.

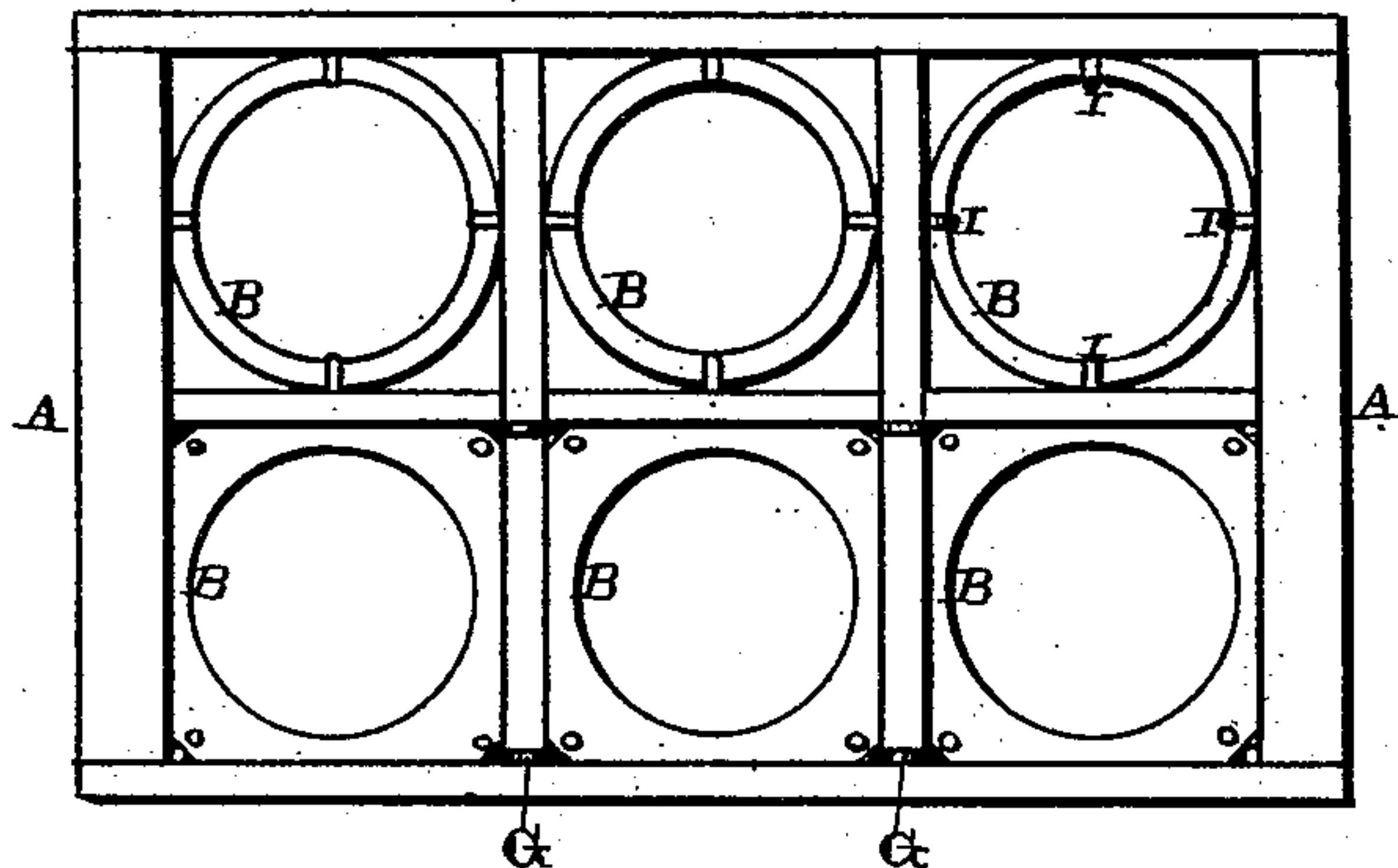


Fig. 2.

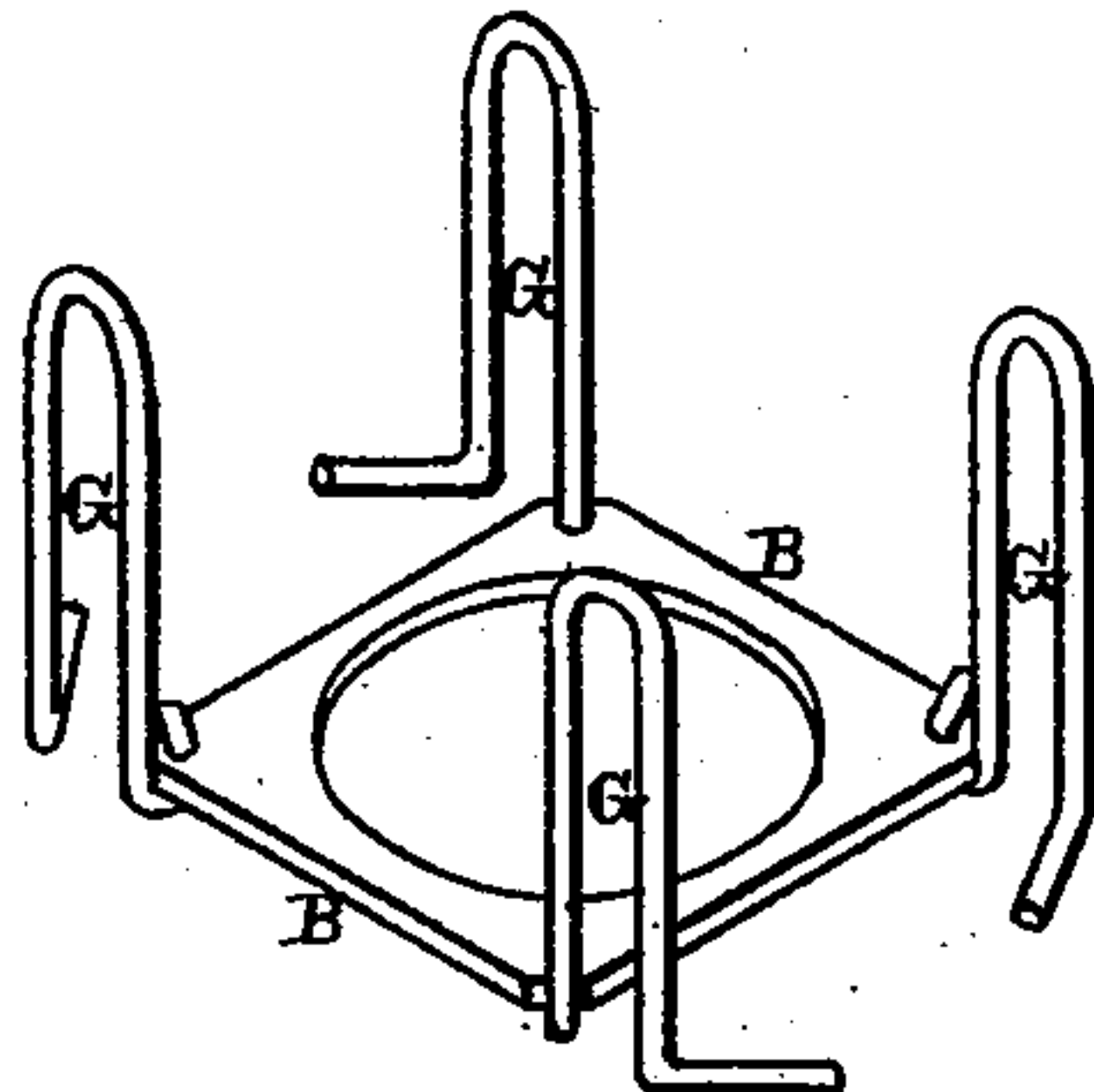
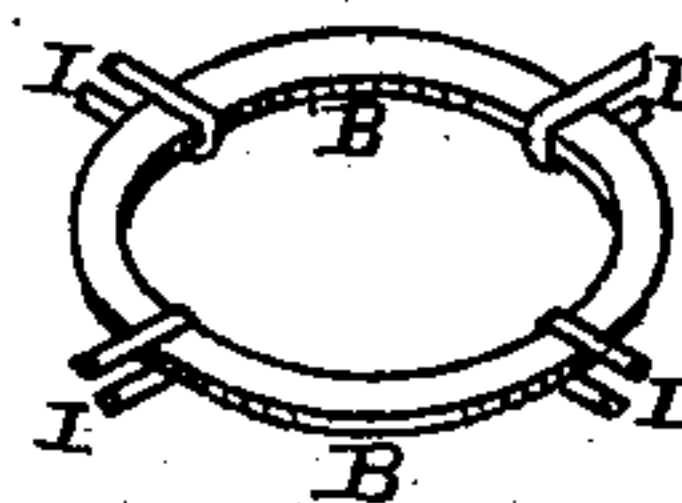


Fig. 3.



Witnesses.

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PACKING-BOX FOR BOTTLES.

SPECIFICATION forming part of Letters Patent No. 247,010, dated September 13, 1881.

Application filed August 10, 1881. (Model.)

To all whom it may concern:

Be it known that I, SHELDON CARY, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Packing-Boxes for Bottles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in packing boxes or cases for the transportation of bottles; and it consists in the combination of a perforated plate with suitable supporting-wires, by means of which the bottle is supported in position in the cell, as will be more fully described hereinafter.

The object of my invention is to place a suitable supporting-ring in each cell of the box or case, and which ring has a hole through it just large enough to allow the neck of the bottle to pass through, whereby the bottles are supported in position with the neck downward, and that without having the tops of the bottles coming in contact with the bottom of the box or any other hard substance.

Figure 1 is a plan view of my invention. Figs. 2 and 3 are perspectives of different forms of the plate which is to be inserted in the cells, and which is provided with different fastening devices for holding it in place.

A represents an ordinary packing box or case, such as is used in the transportation of bottles; and B are the supporting-plates, one of which is placed in each cell of the box, as shown in Fig. 1. These plates may be of any desired shape and form, as shown in Figs. 2 and 3, and each one has a hole or opening through its center just large enough to allow the upper portion of the bottle to pass down through it. These plates may be secured in

position by means of the bent wires G, which are attached to each corner, and which extend upward and catch over the tops of the cells and in the grooves which are made to receive them. Any number of these plates may be secured together, or each plate may be entirely separate and distinct from all the others. Should it be desired to secure the plate in position without the use of the bent wires, as above described, the plate will be made in the form of a narrow light ring, in the inner side of which will be made any suitable number of grooves. A number of staples, I, corresponding to the number of grooves that are made in the plate, are then driven into the sides of the box, or the divisions thereof, so as to straddle over the edges of the rings where the grooves are made to receive them, and thus fasten the rings securely in place. Where the staples are used much less material is needed; but the plates are then secured permanently in position; whereas, if the bent-wire supports are used, the plates can be removed at any time, either for allowing the box to be cleaned or repaired.

I do not limit myself to either manner of supporting the plates in position.

Having thus described my invention, I claim—

In a packing box or case for bottles, a supporter having an opening through its center for the upper end of the bottle to pass through, and supported in position in one of the cells of the box or case, substantially as shown and described.

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

SHELDON CARY.

Witnesses:

HENRY C. BANKS,
LEON LOEB.