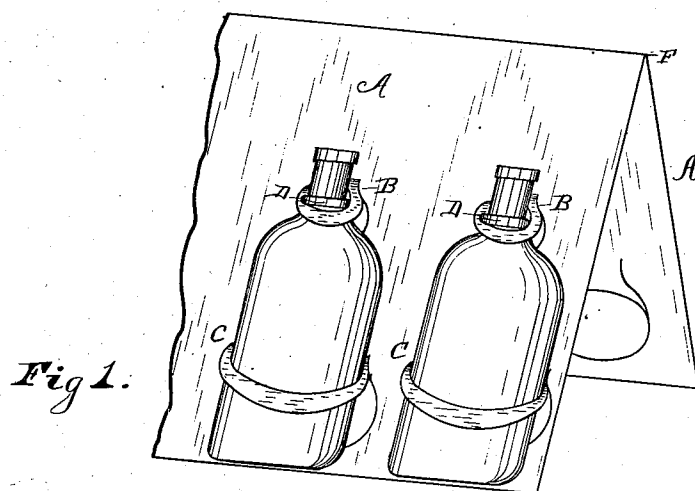
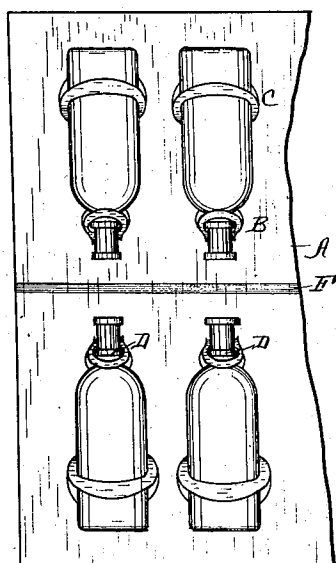
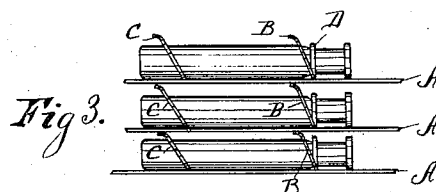
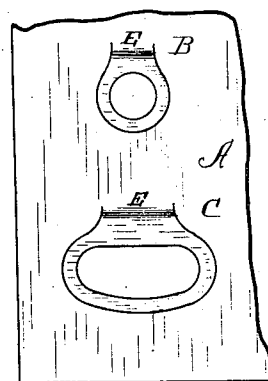


(No Model.)

E. SACHS.
PACKING AND DISPLAY CARD.

No. 588,245.

Patented Aug. 17, 1897.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EDWARD SACHS, OF DAYTON, OHIO.

PACKING AND DISPLAY CARD.

SPECIFICATION forming part of Letters Patent No. 588,245, dated August 17, 1897.

Application filed March 1, 1897. Serial No. 625,596. (No model.)

To all whom it may concern:

Be it known that I, EDWARD SACHS, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Packing and Display Cards; and I do 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 appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention consists of a combined display and packing card, and has for its object to provide a card for packing and shipping liquids in bottles, and which may be further utilized for displaying the bottled goods after they are unpacked.

To this end the invention consists of means hereinafter fully described in connection with the accompanying drawings, of which—

Figure 1 is a perspective view of a portion of a card, showing it in a position to display the goods. Fig. 2 is a plan view of a portion of a card flattened out in position for similar cards to be placed thereon one on top of the other for packing and shipment. Fig. 3 is a side view of several cards placed one on top of the other for shipment. Fig. 4 is a plan view of a portion of a card or blank, showing the inclosing tongues or flaps stamped therein.

The card or blank from which the display card or rack A is formed may be of any desired length and width to display a suitable number of bottles and of different sizes. In selecting the size of card it is also desirable to provide some space for the display of advertising matter. In the present use of the display-card it is made in sizes to support one dozen bottles of liquid extracts, for the display and shipment of which it is principally intended. Having selected a suitable size blank, it is stamped or cut to provide two integral rings or flaps B and C, which are bent out to inclose the body and neck of a bottle, as shown. The upper flap or ring B is of circular form, with a corresponding opening to receive the neck of the bottle, and which forms the main support for the bottle against any downward sliding motion. As shown in the

several views, it is essential for the bottle to have an annular ridge D formed around its neck in order to provide a holding-place for the flap B to engage with. The lower flap or ring C is of an oval form, or a form corresponding to a cross-section of the bottle, and serves to hold the lower portion of said bottle against any lateral or outward movement from the card. As shown in Fig. 4, the rings or flaps have been cut out to provide a neck or integral portion E, at which point they are bent on angles sufficient to permit of a bottle being inserted from the outer or lower edge of the card. When the bottles are placed in position preparatory for packing for shipment, the cards or blanks, with the bottles secured thereto, are placed one on top of the other, as shown in Fig. 3. The upper or outer surface of each of the flaps or rings B and C forms a cushion for the next upper card to rest upon, and thus each layer of bottles is fully protected from breakage during shipment. After shipment each card is removed from the box or case in which it is packed.

By reason of a longitudinal crease or analogous formation F, that extends throughout the center of each card and practically divides each card into two leaves, the cards may be stood up in a display position, as shown in Fig. 1, each half supporting the other and the bottles being entirely supported on the card. The material from which the cards or blanks are formed should have sufficient tenacity to withstand the effect of this longitudinal bend and also the bend in the rings or flaps B and C that is necessary in order to bring said rings or flaps into positions to receive the bottles.

In using these cards for packing and shipment purposes any desirable number, with their supported bottles, may be placed one on top of the other, those below forming a complete cushion for those above and thereby preserving said bottles in transit.

I am aware that it is not new to construct a display-card with a ring cut therein to inclose a cylindrical body and a shelf cut thereupon upon which said body is supported. I am further aware that a horse-packet has been constructed comprising a pad with two straps of uniform sizes attached thereto and adapted to encircle a cylindrical body of uniform diameter throughout its length, and a third strap

attached to said pad passing under the bottom of said cylindrical body and up over the front side thereof. Neither of said constructions are capable, however, of supporting a
5 bottle by its neck, and therefore are not within the purview of my invention.

Having fully described my invention, I claim—

10 The combination with bottles having annular ridges formed on their necks, of a packing, shipping and display card having a series of oval flaps or rings stamped therein near the outer longitudinal edges of said card, bent at right angles to the body thereof and adapted
15 to inclose the bodies of said bottles, a series of circular flaps or rings stamped therein near the longitudinal center of said card, the

said circular flaps or rings being essentially smaller than the oval flaps or rings and adapted to inclose the necks of said bottles below the annular ridges thereon, and forming the only supports for said bottles against any longitudinal movement, the said flaps or rings in addition to providing means for supporting the bottles on said card, also providing means
20 for protecting said bottles during shipment, substantially as herein shown and described.

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

EDWARD SACHS.

Witnesses:

R. J. McCARTY,
L. L. ALLEN.