J. H. ELDER.

CARTON.

APPLICATION FILED JULY 19, 1917. RENEWED MAR. 8, 1919.

1,315,103.

Patented Sept. 2, 1919.

2 SHEETS—SHEET 1.

Fig. 1.

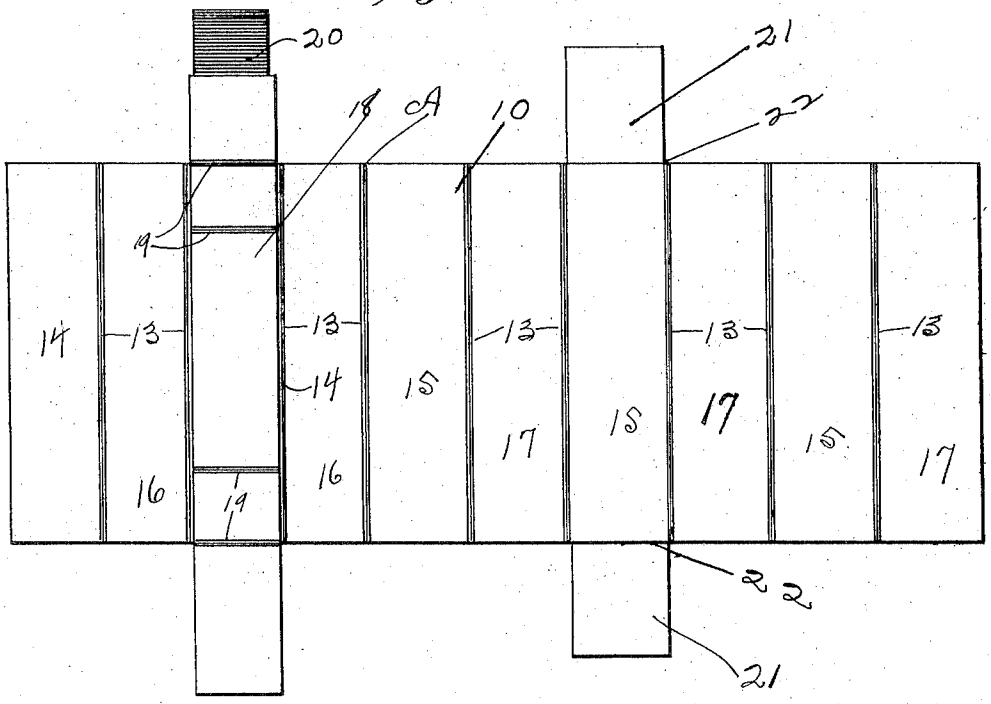
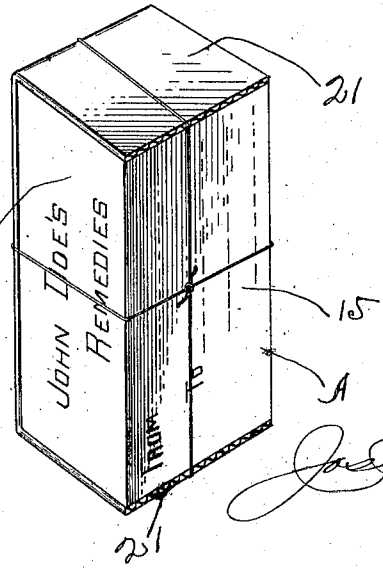


Fig. 3.



Inventor:

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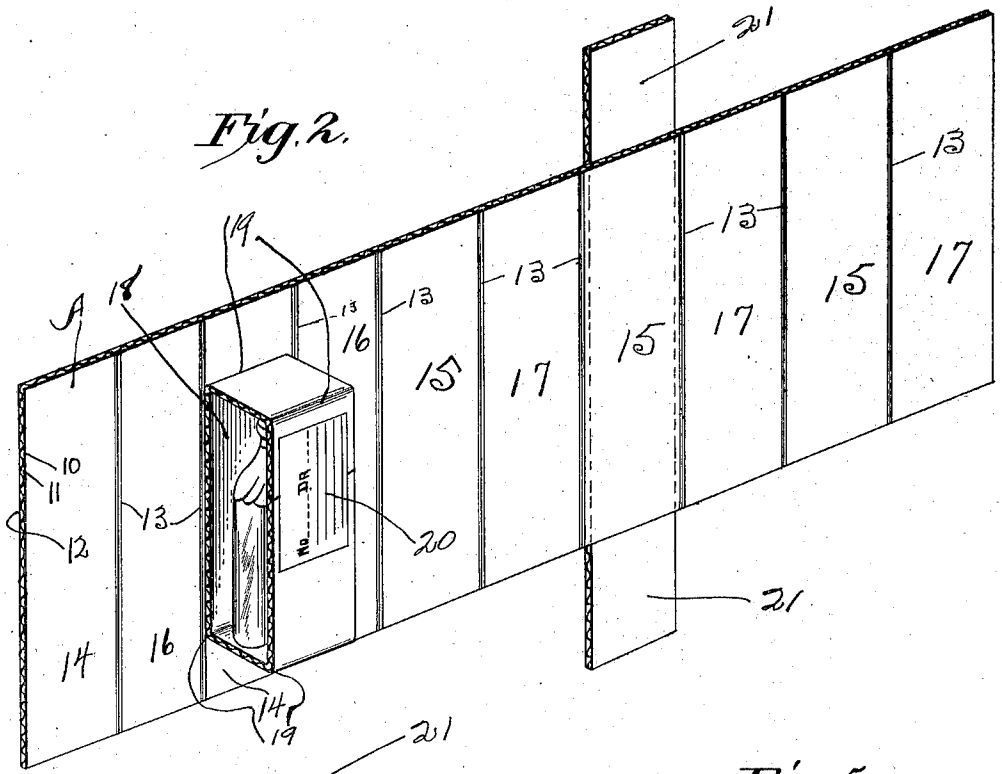
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2 SHEETS—SHEET 2.

Fig. 2.



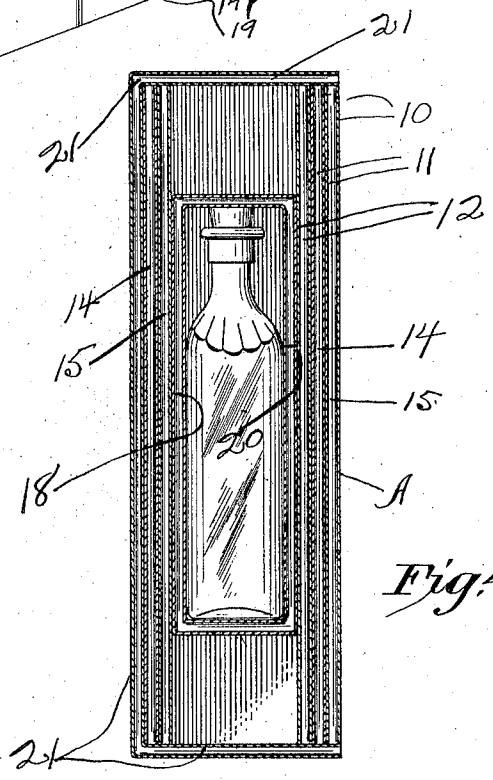
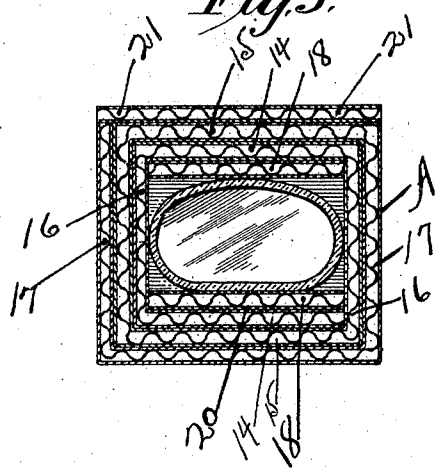


Fig. 4.

Fig. 5.



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UNITED STATES PATENT OFFICE.

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CARTON.

1,315,103. Specification of Letters Patent. Patented Sept. 2, 1919.

Application filed July 19, 1917, Serial No. 181,653. Renewed March 8, 1919. Serial No. 281,551.

To all whom it may concern:

Be it known that I, JOSEPH H. ELDER, a citizen of the United States, residing at Avery, in the county of Red River and State of Texas, have invented new and useful Improvements in Cartons, of which the following is a specification.

The invention relates to cartons, and more particularly to the class of collapsible safety wrappers for bottles or other fragile articles. The primary object of the invention is the provision of a wrapper of this character wherein the construction thereof permits the convenient carriage of bottles containing liquid or other fragile articles by mail or otherwise without possibility of the breaking of the bottles or other like containers or the loss of or damage to the contents thereof while being transported from one point to another.

Another object of the invention is the provision of a wrapper of this character wherein the construction thereof is novel in form so that the bottle or other like container can be conveniently wrapped and when inclosed will be protected against breakage while in transit, thereby enabling the bottle or other merchandise to be mailed with safety and also the easy and convenient wrapping thereof for transportation.

A further object of the invention is the provision of a wrapper of this character wherein the bottle or other container when held therein will be prevented from slipping and also the cork or stopper thereto will be held fast within the bottle or container so as to avoid any possibility of the leakage or loss of the contents of the container thereof while in transit and at the same time the bottle and container will be protected from breakage during transit.

A still further object of the invention is the provision of a wrapper of this character which is extremely simple in construction, thoroughly reliable and efficient in operation, strong, durable and inexpensive in manufacture.

Other objects will be in part obvious and in part hereinafter set forth.

The invention accordingly consists in the features of construction, combination of elements and arrangements of parts which will be exemplified in the construction hereinafter described, and the scope of the application of which will be indicated in the appended claim.

In the accompanying drawings:

Figure 1 is a plan view of a wrapper constructed in accordance with the invention;

Fig. 2 is a perspective view showing a bottle in position within the retaining strip of the wrapper, the latter being open;

Fig. 3 is a perspective view of the wrapper completely closed ready for the transportation of the bottle or other merchandise;

Fig. 4 is a vertical longitudinal sectional view;

Fig. 5 is a horizontal sectional view.

Similar reference characters indicate corresponding parts throughout the several views of the drawings.

Referring to the drawings in detail, the wrapper comprises a body section A, preferably made from a substantially rectangular shape blank of corrugated paste-board, which, in this instance, is formed with an inner ply 10, an intermediate corrugated ply 11 and an outer ply 12 which are united together in the usual well known manner, although it is to be understood that the inner ply 10 can be eliminated or dispensed with if desired.

The section A at intervals thereof is formed with spaced paralleled crease lines 13 to permit the convenient wrapping of the section about a bottle or other container so as to provide inner and outer sides 14 and 15, and inner and outer ends 16 and 17 respectively, thereby affording a double housing and a half for the bottle or the container on the wrapping of the section about the same.

Secured to the inner face of one inner side 14 is a retaining strip 18, preferably made from corrugated paste-board similar to the material employed for the section A, the strip 18 being secured to the section A in any suitable manner, in this instance preferably by adhesive substance and is formed with crease lines 19 which permit the folding of the strip 18 longitudinally about a bottle or container, while adapted to be secured to one end of the strip is a label 20 which bears the prescription number and directions as to the taking of the contents of the bottle, or other indicia for the convenience of the user of the contents of said bottle.

This label 20 is adapted to be carried by one end of the strip 18 and is also attachable to the other end of the strip so that the latter will form a retaining yoke for the bottle or container, the strip 18 being fastened to the section A so that the bottle, when held within the strip, will have its bottom end spaced from one end of the wrapper, while the opposite stopper or cork in the other end of the bottle or container will be held fast therein so as to avoid any possibility of the leakage of the contents of the bottle or the container while in transit. On the outer face of one end and one side 15 and 17, respectively, is adapted to be placed suitable advertising matter, and the addresses of both the sender and the receiver, the section when wrapped about the bottle being held in such position in any suitable manner, as, for example, by tying a cord about the same or otherwise.

Secured to the outer face of one outer side 15 in the fourth section from the outer end of the main section A is attached by adhesive or otherwise an outer retaining strip 21, preferably made from corrugated pasteboard similar to the material employed for the main section A, and is formed with crease lines 22 which permit the folding of the strip 21 at each end of the carton when completely rolled or incased around a bottle or other article of merchandise, in order that all absorbent of whatever nature employed may be completely and entirely retained in the most satisfactory manner, as well as giving additional strength and durability to the completed carton in question, as well as forming a complete and practicable absorbent compartment of sufficient capacity to take up all liquid waste in case of unforeseen accidental leakage, as in case of a cracked or faulty bottle, or explosion of bottle of liquid contents in transit caused from the many causes arising from trituration of travel and changes of temperature or other causes tending to produce volumes of expansive gases from various liquid medicines. Said outer retaining strip being secured by the simple means of holding in position as for example by tying a cord about same elongatedly over the ends of the carton after same has been completed into box form ready to be sent out for transportation, or otherwise to suit the user.

From the foregoing description, taken in connection with the accompanying drawings, the construction and manner of use of the herein described collapsible carton will be readily apparent and, therefore, a more extended explanation has been omitted.

Having thus described my invention, I claim:

A carton comprising a sheet of material provided with parallel score lines extending transversely thereof and a strip extending transversely of the sheet and parallel with the score lines and between certain of said lines, said strip being scored transversely of its length and perpendicularly with reference to the score lines first named, one section of the strip being of a length less than the width of the sheet and being secured to the sheet, the strip being foldable to form an independent article container with its ends spaced from the edges of the sheet providing a chamber above and below the article container for the reception of absorbent material, means connecting the meeting edges of the inner article container adapted for label purposes, and means connected with the edges of the sheet for closing said chambers and retaining the absorbent material.

In testimony whereof I affix my signature.

JOSEPH H. ELDER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."