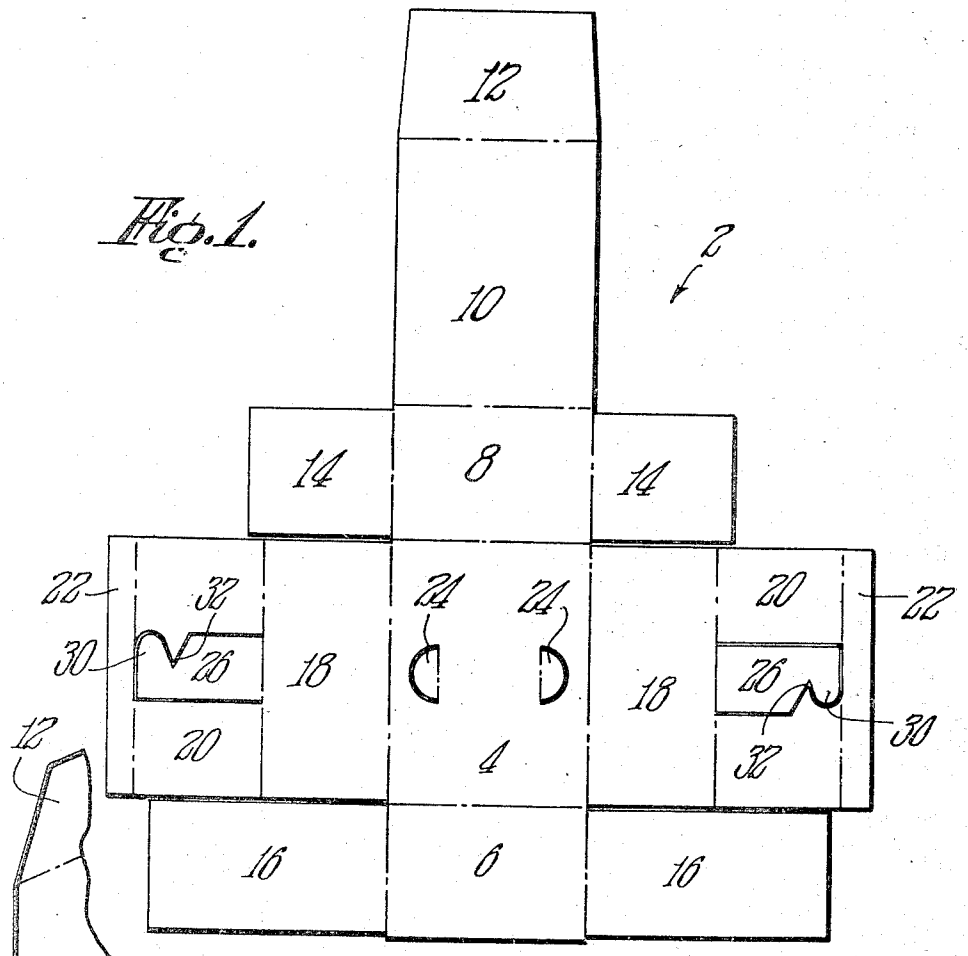
Nov. 12, 1946. R. A. LAMBERT 2,411,134

CARTON BLANK

Filed Sept. 4, 1944

Fig. 1.



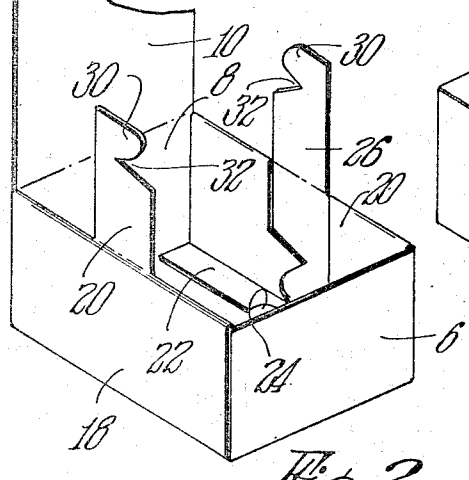


Fig. 2.

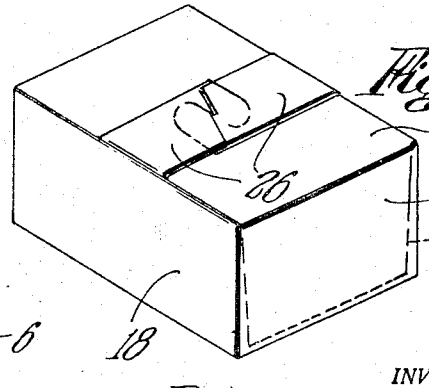


Fig. 3.

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CARTON BLANK

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Application September 4, 1944, Serial No. 552,642

1 Claim. (Cl. 229—33)

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This invention relates to improvements in carton blanks and boxes or cartons formed thereby.

The principal objects of the invention are directed to the provision of a foldable blank adapted to be set up into receptacle forming relation and having a closure or cover therefor in combination with retaining means for releasably holding the cover in closed position.

Not only does the retaining means hold the cover in closed relation but it supports the said cover so that it is not likely to become bulged.

Carton blanks are ordinarily made from cardboard which is more or less pliable so that the contents of a carton often displace the cover or force the cover open. In either case the contents of the carton frequently fall from the carton. According to one feature of this invention the retaining means is so constructed as to releasably hold the cover in closed position and prevent bulging thereof to an objectionable extent.

Not only does the retaining means function for the purpose described but it has other functions among which are its ability to strengthen the set up carton by preventing spreading of opposite walls thereof.

The novel features and advantages of the invention will be hereinafter referred to in connection with the accompanying description of the invention in the form at present preferred.

In the drawing:

Fig. 1 is a plan view of a carton blank embodying the novel features of the invention;

Fig. 2 is a perspective view of the carton in set up relation with the cover in open position; and

Fig. 3 is a view similar to Fig. 2 with the cover closed and the retaining means in engaged relation.

Referring now to the drawing more in detail, the invention will be fully described.

A carton blank is represented by 2 which has bottom, front and rear wall sections 4, 6 and 8 with a cover member 10 provided with a front flap 12.

Side wall sections are represented by 14 and 16 and other side wall sections are represented by 18 and 20. The latter have tabs 22.

The sections are relatively foldable on the dot-dash lines shown and in setting up the blank the front and rear walls 6 and 8 are disposed at right angles to the bottom wall with the side walls 14 and 16 at either side of the carton in overlapping relation.

The side wall sections 18 are brought upwardly to lie outside the superposed members 14 and 16 and the sections 20 are swung downwardly to overlie the inner sides of said members 14 and 16. The flaps 22 are tucked beneath tabs 24 provided in the bottom wall, as shown in Fig. 2. Thus the front, side and rear walls are held in upright position forming with the bottom wall a receptacle having an open upper side, with a cover 10 hinged for swinging between open and closed positions. The member 12 may be inserted along the inner side of the front wall.

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Locking members 26 are cut out of the wall members 18 and are arranged for swinging movements by means of the score lines shown. Said members are provided with engageable ears and notches 30 and 32 which may be of any desired form.

When the cover 10 is in closed position, as shown in Fig. 3, the members 26 are disposed over the cover 10 and the tabs and notches engaged whereby the cover is held in closed position and against bulging while the walls to which said members are attached are held against spreading.

The retaining members may take any form desired and may be connected to any of the walls desired all within the scope of the invention.

The invention may be embodied in other specific forms without departing from the essential characteristics thereof. Hence, the present embodiments are therefore to be considered in all respects merely as being illustrative and not as being restrictive, the scope of the invention being indicated by the appended claim rather than by the foregoing description, and all modifications and variations as fall within the meaning and purview and range of equivalency of the appended claim are therefore intended to be embraced therein.

What it is desired to claim and secure by Letters Patent of the United States is:

A carton blank formed and hinged for folding into a receptacle having a cover and separate cover retaining means comprising in combination, relatively hinged bottom wall and front, back and side wall members, a cover hinged to one of said wall members to close the receptacle when the wall members are in set-up relation, sections hinged to outer portions of certain wall members adjacent to said wall member having retaining members cut out therefrom and hinged thereto for swinging inwardly onto said cover when it is in closed position, and providing inner sections adapted for swinging inwardly and downwardly against said certain wall members, said retaining members having releasable interlocking means at non-hinged ends thereof adapted and arranged when interlocked to hold the members against relative movement to bear on and retain said cover in its closed position.

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