

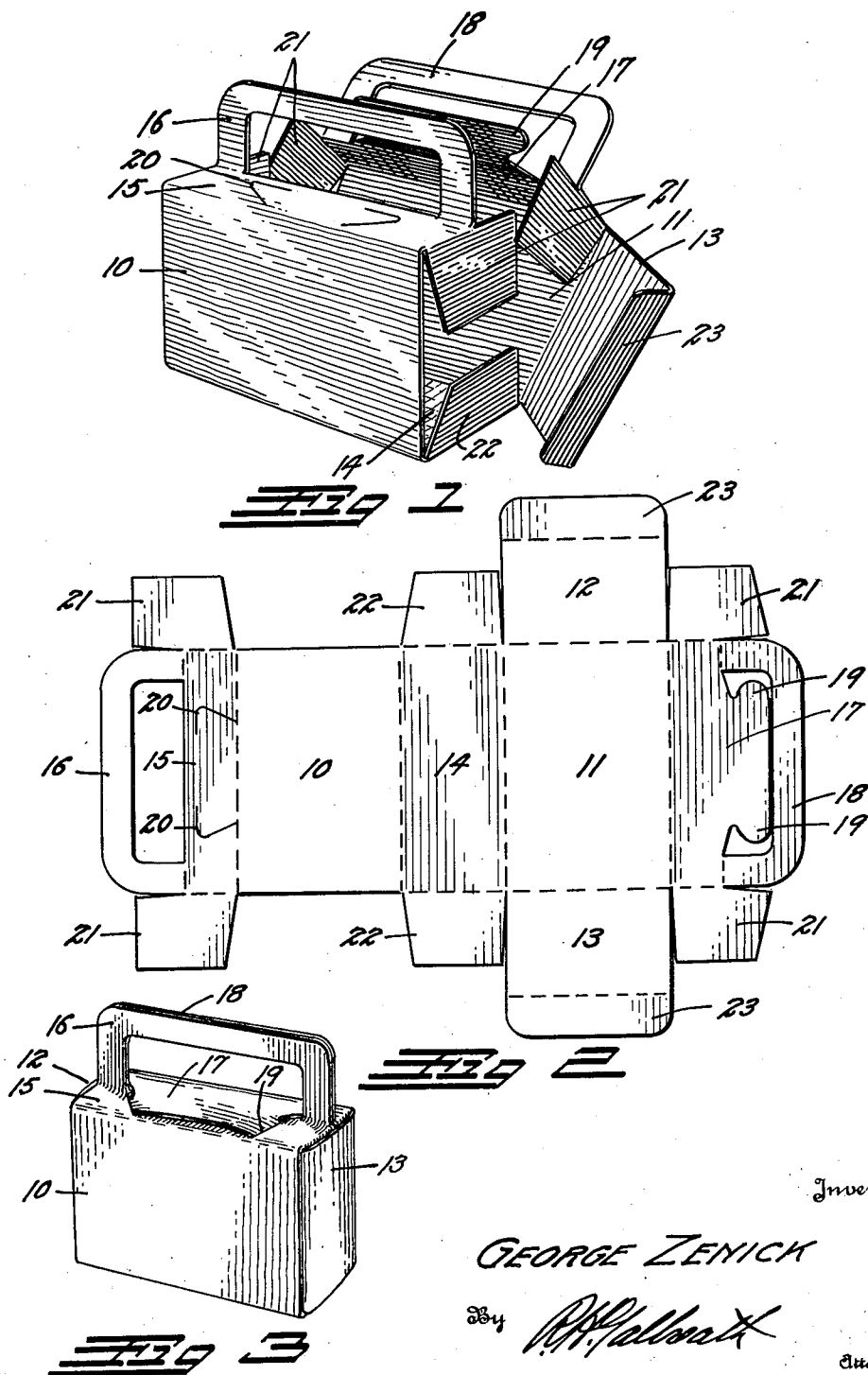
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FOLDING BOX

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FOLDING BOX

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This invention relates to a folding cardboard box and has for its principal object to form a box of this character of a single piece of cardboard which when folded, will form the box and also provide handles for carrying. It is particularly adaptable as a Christmas candy box but is, of course, not limited to this use.

Another object of the invention is to so construct the device that when folded it will hold itself in position without the use of adhesives.

A further object is to so construct the box that access may be had to the contents without disturbing the handles thereof.

Other objects and advantages reside in the detail construction of the invention which is designed for simplicity, economy, and efficiency. These will become more apparent from the following description.

In the following detailed description of the invention reference is had to the accompanying drawings which form a part hereof. Like numerals refer to like parts in all views of the drawings and throughout the description.

In the drawings:

Fig. 1 is a perspective view illustrating the box partially folded.

Fig. 2 is a plan view of the cut-out sheet from which the box is formed.

Fig. 3 illustrates the complete box erected ready for use.

The box is die stamped from a single cut-out sheet of cardboard or similar material. The sheet has a contour as illustrated in Fig. 2 and is scored for folding as indicated by the broken lines in this figure. The cut-out forms two sides 10 and 11; two ends 12 and 13; and a bottom 14. One extremity of the sheet is cut to form a top portion 15 from which a cut-out handle 16 projects. The other extremity is cut to form a top portion 17 from which a cut-out handle 18 projects. The top portion 17 is provided with oppositely extending interlocking tongues 19, which, when the box is folded, are inserted into triangular slits 20 in the top portion 15.

Flaps 21 project from the top and bottom portions 15 and 17 and flaps 22 project from

the bottom 14. The flaps 21 and 22 assist the ends 12 and 13 in sealing the box. The ends 12 and 13 are formed with the usual sealing tabs 23 thereon.

In forming the box the two sides 10 and 11 are turned upwardly on the bottom 14 and the two top portions 15 and 17 are turned inwardly with their handles 16 and 18 bent upwardly at right angles thereto as indicated in Fig. 1. The top portion 17 is then passed through the handle 16 over the top portion 15 and the tongues 19 are inserted in the slots 20. This brings the handles 16 and 18 together and positions the flaps 21 and 22 over the end extremities of the box. The ends 12 can now be closed upon the contents with the tabs 23 inserted between the flaps and the side 10 so as to firmly support the box in the upright position. The contents can be reached by simply opening one of the ends 12 or 13 without disturbing the top or handles if desired.

It is desired to call attention to the fact that the slots 20 are diagonally placed so that any pull upon the handles serves to lock the tongues 19 more tightly therein so as to prevent the box from being pulled open by the carrying handles.

While a specific form of the improvement has been described and illustrated herein, it is desired to be understood that the same may be varied, within the scope of the appended claims, without departing from the spirit of the invention.

Having thus described the invention, what is claimed and desired secured by Letters Patent is:—

1. A folding box formed of one integral, cut-out sheet comprising: a bottom formed on said sheet; sides joining said bottom at each side thereof; a top portion formed on each extremity of said sheet; interlocking projections formed on one top portion and arranged to enter slots formed in the other top portion when the box is folded; a handle formed on each top portion, said handles adapted to extend upwardly from said top portions and lie against each other when the box is folded; flaps formed upon each of said top portions and adapted to overlap each

other when said box is folded to partially close the ends thereof.

2. A folding box formed of one integral, cut-out sheet comprising: a bottom formed on said sheet; sides joining said bottom at each side thereof; a top portion formed on each extremity of said sheet; interlocking projections formed on one top portion and arranged to enter slots formed in the other top portion when the box is folded; a handle formed on each top portion, said handles adapted to extend upwardly from said top portions and lie against each other when the box is folded; flaps formed upon each of said top portions and adapted to overlap each other when said box is folded to partially close the ends thereof; and ends formed on the opposite edges of one of said sides and adapted to completely close the ends of said box.

3. A folding box having a bottom, side, end, and top walls, said top walls being formed of two half sections carried by the side walls; overlapping handle portions carried by said half sections; and a flap carried by one of said half sections and arranged to extend through both handle portions and engage slots in the other half section; end flaps formed at each end of both said half sections said end flaps having a width substantially equal to the total width of both said half sections so that the end flaps of one section will extend under the other section and be overlapped by the end flaps on said latter section.

In testimony whereof, I affix my signature.
GEORGE ZENICK.

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