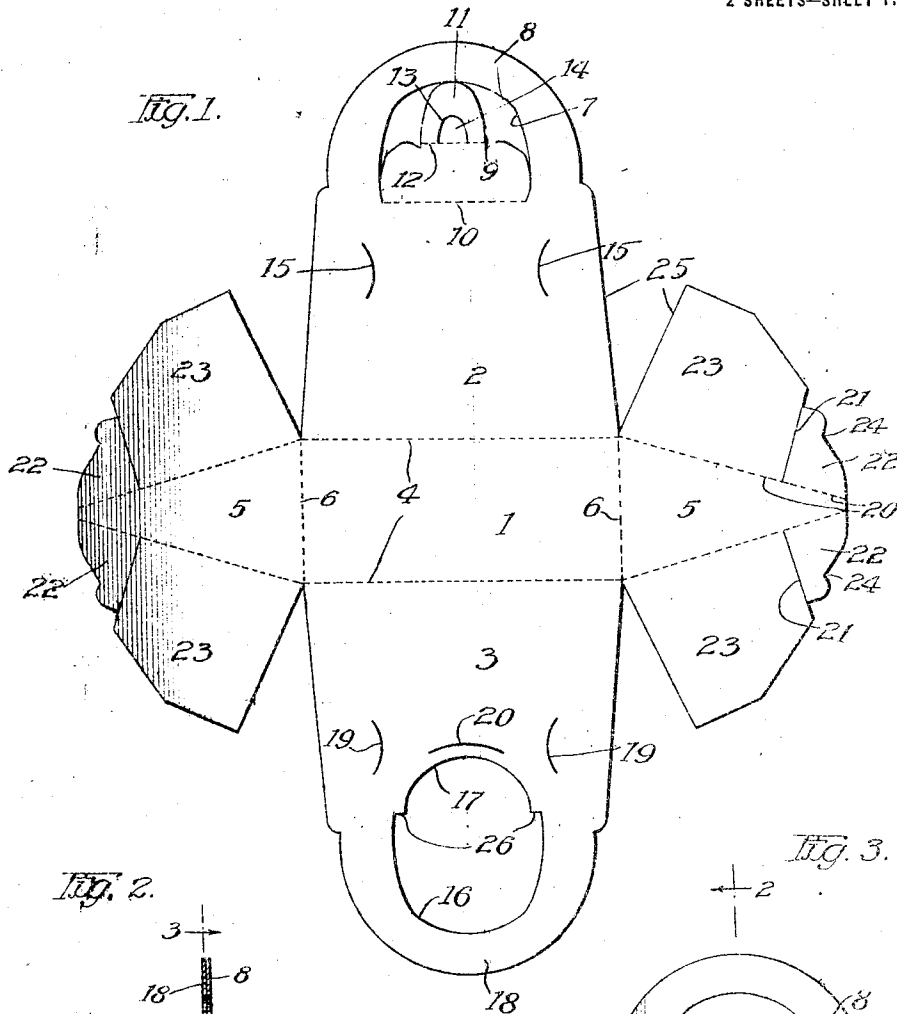
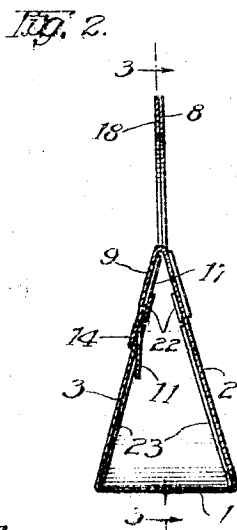
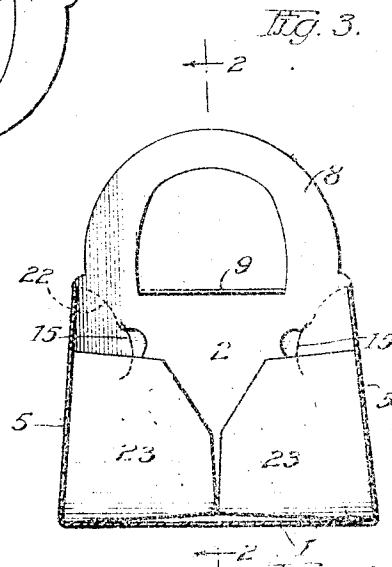


A. E. BUESCHEL.
FOLDING PAPER BOX.
APPLICATION FILED FEB. 8, 1917.

1,296,760.

Patented Mar. 11, 1919.
2 SHEETS—SHEET 1.



Witnesses
Arthur H. Carver
Robert F. Weir

Inventor:
Andrew E. Bueschel
By [Signature]
Attorney

A. E. BUESCHEL.
FOLDING PAPER BOX.
APPLICATION FILED FEB. 8, 1917.

1,296,760.

Patented Mar. 11, 1919.
2 SHEETS—SHEET 2.

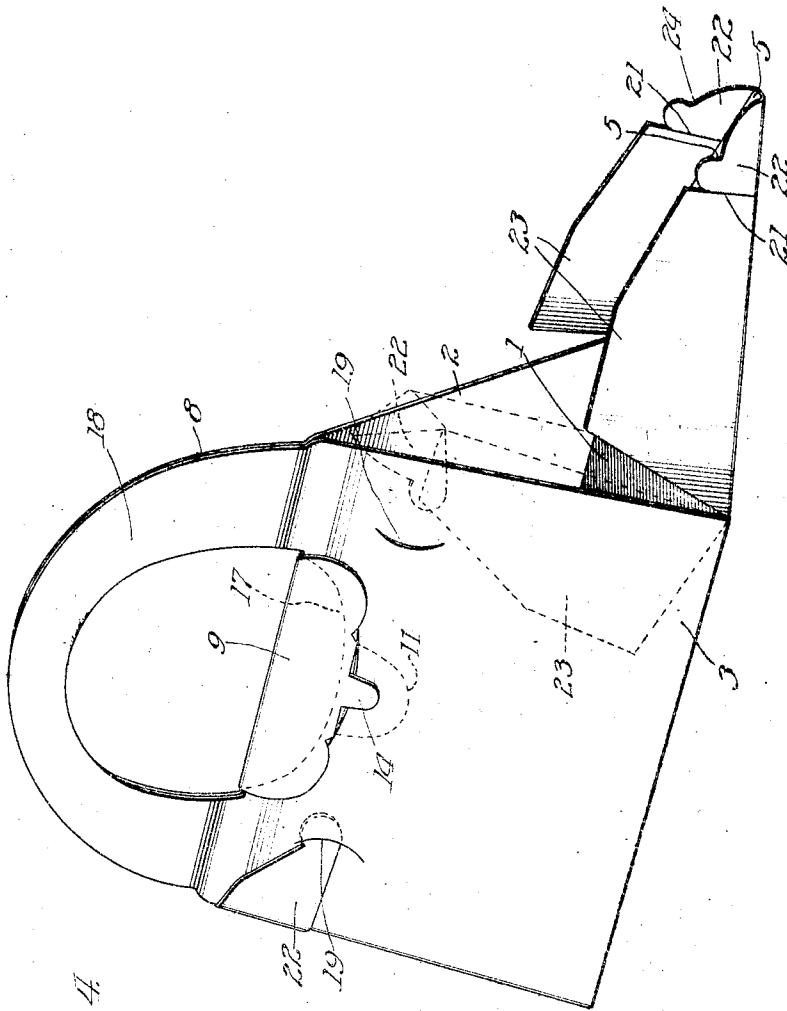


FIG. 4.

Witnesses:

Arthur H. Carter
Robert A. Weir

Inventor.
Andrew E. Bueschel
By *W. H. R. Hie*
Attys.

UNITED STATES PATENT OFFICE.

ANDREW E. BUESCHEL, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO WILLIAM PENTE, OF CHICAGO, ILLINOIS.

FOLDING PAPER BOX.

1,296,760.

Specification of Letters Patent.

Patented Mar. 11, 1919.

Application filed February 8, 1917. Serial No. 147,457.

To all whom it may concern:

Be it known that I, ANDREW E. BUESCHEL, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Folding Paper Boxes, of which the following is a description.

My invention belongs to that general class of device known as boxes, and refers particularly to a folding paper box suitable for containing candies, pop corn, nuts, and other confections or such other articles as may be desired. The invention has among its objects the production of a box of the kind described that is simple, convenient, durable, attractive, efficient and satisfactory for use wherever found applicable.

The invention has particularly among its objects the production of a box of the kind described that may be folded easily and quickly as well as easily opened to permit the removal of the contents, and at the same time a box that will not accidentally come unfastened or accidentally spill the contents. It also has among its objects the production of a one-piece knocked down box that may be set up and ready for filling without requiring the use of glue or separate fasteners or the like. Other objects, advantages and novel features of the box herein shown and described will be obvious to those skilled in the art from the disclosure herein given.

To this end my invention consists in the novel construction, arrangement and combination of parts herein shown and described, and more particularly pointed out in the claims.

In the drawings, wherein like reference characters indicate like or corresponding parts,

Figure 1 is a plan view of the blank making up the box;

Fig. 2 is a sectional view on line 2—2 of the made up box;

Fig. 3 is a sectional view taken substantially on line 3—3 of Fig. 2, and

Fig. 4 is a perspective view of the formed box with one end open.

Referring to the drawings, the box is made up from a blank similar to that shown in Fig. 1, paper or paper board being the preferred material. As shown, the blank consists of a bottom part 1 formed integral with the extending parts 2 and 3 which constitute the sides of the completed box, the

blank preferably being scored, as indicated at 4, at the juncture of the bottom and sides. The same is also integrally formed with the end sections 5 preferably of triangular shape, the blank being also scored at 6—6 at each end of the bottom, as shown. One side as shown, side 2, is preferably cut as at 7 to form a handle part 8, 9 being a cover flap formed on the side 2 the blank being scored at 10. The flap 9 is provided with an extending or locking flap part 11, the same being scored at 12, the part 11 being cut as indicated at 13 to form a smaller or auxiliary flap 14. The side 2 is also provided with the slits 15, 15 adjacent the outer or top corners, the same being preferably substantially of the shape shown.

The other side 3 of the blank is cut out as at 16 to form the handle 18, and is preferably cut back as at 17 to form an opening at the top of the box for the removal of the contents when folded or set up, as will be hereinafter described. The side 3 is also provided with the slits 19, 19 similar to 15, 15, and with a slit 20 of a size to receive the locking flap 11 on the opposite side 2. In the preferred construction the cut-out at 17 is of such width as to form a shoulder 26 at each side.

Each of the ends is preferably scored at 20' and cut at 21 to provide the extending parts or flaps 22' and 23. The part 22 is also preferably notched at 24 or constructed in a similar manner. A portion of the material is also cut away at 25, as indicated, so that the extending parts 23 may be folded into the box, as hereinafter described.

In assembling the box or setting it up, the sides 2 and 3 are bent up as shown in Figs. 2, 3 and 4, and the flap 9 turned over the other side 3, and resting upon or engaging the shoulders 26 (see Fig. 1). The extending part 11 is then tucked into the slot 20, as shown in Figs. 2 and 4, with the part 14 outside. The ends are then folded up with the parts 23 on the inside of the box and the parts 22 on the outside (see Figs. 3 and 4). The ends of the flaps 22 are tucked into the slots 15 and 19. It will be noted by the dotted lines in Fig. 4 that the top of the ends may be bent slightly so that when the end straightens up after the flaps 22 have been passed through the slots 15 and 19 the notch 24 will engage at the top of the slots so that the parts are securely locked together. The box may be filled from one end or through

the top, of course before the box is entirely set up, and the contents may be removed by unlocking and opening one end, as shown in Fig. 4, or by raising the flap 9 and removing the contents through the top opening formed where side 3 is cut away at 17. While the auxiliary flap 14 is not entirely necessary the same affords a convenient handle for opening the flap 9, as by it the part 11 may be pulled up through and out of the slot 20.

It will be noted that the box when set up resembles a suit case or traveling bag, and the same may be decorated or made ornamental in any desired way. The box consists of a comparatively small amount of stock, and one of the most striking features is the ease with which the same may be set up, filled and closed for sale or shipping. It may also be easily and quickly opened, but owing to the fact that the flaps 22 have to be pushed down as well as drawn out, the same will not accidentally open. Should the flap 9 accidentally open, the contents, of course, would not be lost unless the box was inverted. It will be noted that no paste, glue or extra fasteners or extra handles are required, but that the complete set up box is formed entirely by the folding and manipulating of the blank shown in Fig. 1.

Having thus described my invention, it is obvious that various immaterial modifications may be made in the same without departing from the spirit of my invention; hence I do not wish to be understood as limiting myself to the exact form, construction, arrangement and combination of parts herein shown and described or uses mentioned.

What I claim as new and desire to secure by Letters Patent is:—

1. A folding paper box of the kind described, consisting of an integral sheet suitably cut and scored to constitute an integrally formed bottom, sides, handles and ends, one of said sides formed with a slot adjacent the top edge, and the other with an extending part of a length to overlie the top edge of said first-mentioned side, and extend into said slot, said end portions each provided with extensions at each side and scored at their juncture with the end portions, the sides being formed with slots of a size to receive said extensions on the ends, said extensions formed to engage at said slots.

2. A folding paper box of the kind described, consisting of an integral sheet suitably cut and scored to constitute an integrally formed bottom, sides, handles and ends, integrally formed means on one side for detachably locking the top edges of the sides together, one side preferably cut away

on the top edge between the handle ends, and integrally formed means on the ends at each side edge thereof for engaging the sides, and detachably locking the ends to the adjacent sides.

3. A box blank, consisting of an integral sheet of material, said sheet scored to divide the blank into a bottom, two sides and two ends, each side cut at its outer edge to form a handle portion, one side between the handle portion and body of the side extending to form a flap, and scored at its juncture with the side, said flap scored intermediate its outer end, and said last mentioned scoring, and cut to form an auxiliary flap, the other side at its free edge partially cut away at the base of the handle, and formed with a slot adjacent thereto, of a size to receive said extending flap on the other part, the end portions scored at the sides to form extended parts thereat, the extending parts each cut from the outer edge back to the scoring line to provide two flaps, said sides slotted substantially adjacent each outer corner, and of a size to receive the extending flap at the upper ends of said ends, said extending parts notched to engage with the sides of the ends of the slots therein.

4. A box blank of the kind described, consisting of a body of suitable material, scored to constitute a bottom 1, a side 2, a side 3, and ends 5, the sides at their outer edges cut to provide handles 8 and 18, one side formed with a part 9 having an extending flap 11, and scored at points 10 and 12, and cut at 13 to provide an auxiliary flap 14, the other side cut away at 17 adjacent the outer edge, and formed with a slot 20, of a size to receive said flap first mentioned 11, each end scored at 20, and extended at 22 and 23, with the extending parts cut at 21, the said extended parts 22 notched at 24, and the sides 2 and 3 provided with slots of a size to receive said extending parts 22.

5. A paper box of the kind described, comprising a bottom portion, side portions and end portions, said end portions having extending flaps at each of the side edges thereof, a portion of said flaps arranged to be folded against the inner faces of the side portion, and a portion arranged to overlie the exterior faces of said sides and detachably engage therewith.

In testimony whereof, I have hereunto signed my name in the presence of two subscribing witnesses.

ANDREW E. BUESCHIEL.

Witnesses:

ROY W. HILL,
CHARLES I. COBB.