

Jan. 14, 1930.

H. SCHURR

1,743,572

FOLDING PAPER BOX

Filed June 5, 1928

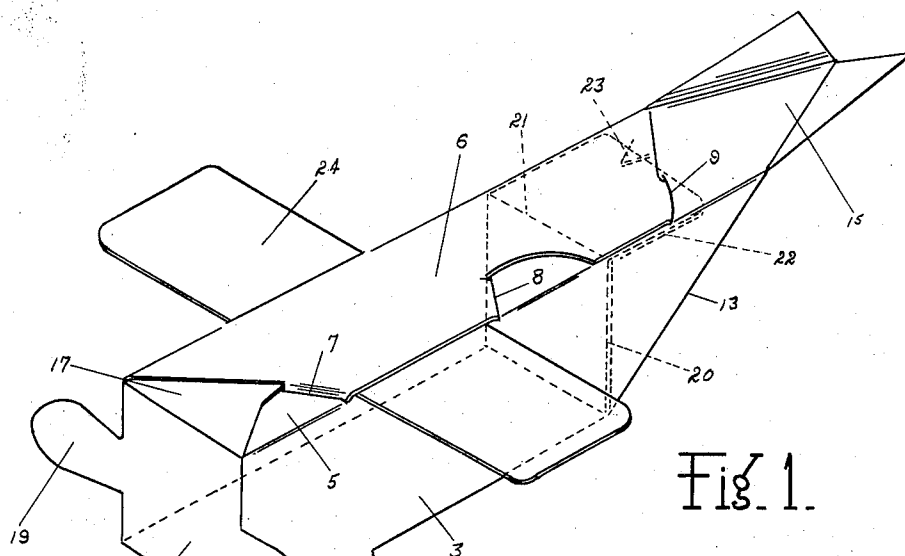


Fig. 1.

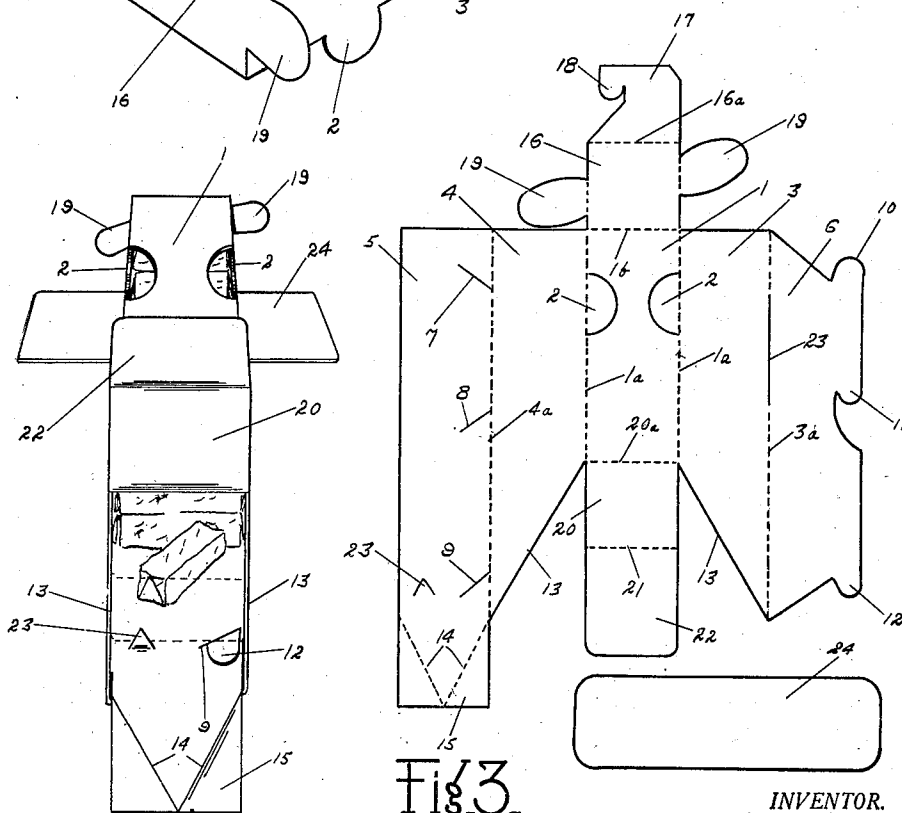


Fig. 3.

Fig. 2.

INVENTOR.
HAROLD SCHURR.

BY *Philip S. Hopkins*
ATTORNEY

UNITED STATES PATENT OFFICE

HAROLD SCHURR, OF BINGHAMTON, NEW YORK, ASSIGNOR TO PARLOR CITY PAPER BOX COMPANY, OF BINGHAMTON, NEW YORK

FOLDING PAPER BOX

Application filed June 5, 1928. Serial No. 282,903.

My invention relates generally to paper boxes and particularly to a box formed in the shape of an airplane adapted to hold candy, novelties, favors, etc.

5 The primary object of my invention is to provide a box of this character which simulates in form an airplane and which is of stable construction, and readily lends itself to decoration for use as a favor, or for a candy
10 box.

A further object of my invention is to provide a box of this kind which can be stamped complete from a single blank with the exception of one small part constituting the
15 "wings" of the airplane.

Still another object is to provide a box which is suitable for holding a substantial quantity of candy or other articles and which may be easily opened for access to such articles without destroying the structure or
20 shape of the box.

Still another object lies in the provision of a box of this character which after its usefulness as a receptacle has passed, affords a
25 unique and enjoyable toy for children.

Other objects and advantages in details of construction and operation will be apparent as the description now proceeds, reference being had to the figures of the accompanying
30 drawing forming a part of this specification, and wherein like reference numerals indicate like parts.

In the drawing:—

Figure 1 is a perspective view of my im-
35 proved box.

Figure 2 is a rear view looking into the box from its under side, the closure flap being open.

Figure 3 is a plan view illustrating the flat
40 blank from which the box is folded.

Referring now particularly to Figure 3, it will be seen that the entire box structure can be stamped in the flat and in one piece with the exception of the member comprising the
45 "wings." The reference character 1 refers to the bottom of the box provided with flaps 2 cut out to simulate the wheels of an airplane. This body portion 1 is scored along its sides at 1^a for folding to permit the side members 3
50 and 4 of the box to be turned at right angles

to the bottom piece 1, and these side members 3 and 4, are in turn scored along their outer edges at 3^a and 4^a to permit the folding over of the top pieces 5 and 6. The top piece 5 is first folded over parallel and spaced above
55 the bottom piece 1 and is provided with the three angular cuts 7, 8 and 9 to receive respectively the flaps 10, 11 and 12 formed on the top piece 6 which overlies the top piece 5. The assembled arrangement of these parts is
60 clearly illustrated in Figure 1.

It will be observed from Figure 3 that the side pieces 3 and 4 are cut inwardly from their rear edges as at 13, whereby when the box is folded, the rear of the box will simulate the
65 appearance of the fuselage of an airplane.

It will also be noted that the top piece 5 is elongated at its rear end and provided with a V shaped scoring as at 14 to provide the
70 tail piece 15 also in simulation of an airplane.

The bottom member 1 is extended at its front end beyond the edges of the side and the top members to provide the front piece 16 scored at its point of engagement with the bottom member as at 1^b, and scored as at 16^a
75 intermediate its ends in order to permit the extreme ends 17 thereof to fold back over the top member 5 with the flap portion 18 of said front piece extending under the edge of the top member 6 and hooked around the flap 10
80 engaging through the slot 7 in the top piece 5. This securely holds the front piece 16 in position. This front piece 16 is also provided at its side with laterally extending projections 19 adapted to project laterally from the
85 sides of the front piece to simulate the propeller of an airplane.

The box thus formed by the bottom, side top and front pieces, folded in the manner just described, is adapted to be closed at its
90 rear ends between the bevelled side portions 13 of the side members 3 and 4, by means of a rear piece 20 scored as at 20^a, at the point of joiner with the bottom piece 1 and scored laterally at 21 intermediate its ends to pro-
95 vide the securing flap 22, the extreme end of which is adapted to engage and be held by the V shaped cut out flap 23, formed adjacent the rear of the top member 5.

As shown clearly in Figure 1, this rear
100

piece 20 is adapted to fold at right angles between the bottom piece 1 and the top piece 5, whereby to close the box or the space formed by the side, top, bottom and front of the box, and the end flap 22 thereof, then
5 extends rearwardly directly underneath the top member 5 into engagement with the securing flap 23. Obviously this securing flap 23 and the end flap 22 of the rear piece may
10 be readily engaged or disengaged for closing or opening the box for access to the interior thereof.

A cut or slot 23 is provided along the scored edge 3^a at a point adjacent the front of
15 the box to permit sliding an independent cross piece 24 therethrough, the same projecting outwardly at the other side of the box beneath the top piece 6 and between the flaps 10 and 11 thereof. This piece 24 simu-
20 lates the wings of the airplane.

In addition to providing a novel receptacle for candy and the like, this box adapts itself readily to use as a favor or novelty for parties, banquets, etc. and as before stated
25 when its usefulness as a receptacle is ended, it provides a toy.

Of course many changes may be made in details of construction and arrangement of parts without departing from the spirit and
30 scope of my invention. I do not limit myself therefore to the exact form herein shown and described other than by the appended claims.

I claim:

35 1. A box comprising a flat blank scored and folded to provide a bottom, sides and interlocking top portions simulating the body and tail of an airplane, a front piece folded and interlocking with said top pieces and
40 having lateral extensions simulating the propeller of an airplane, one of said top portions having a cut receiving an independent piece simulating the wings of an airplane, and a foldable portion, forming an extension of
45 said bottom, for closing said box at the rear.

2. A box comprising a flat blank scored and folded to provide a bottom, sides and interlocking top portions simulating the body and tail of an airplane, a front piece folded
50 and interlocking with said top pieces and having lateral extensions simulating the propeller of an airplane, one of said top portions having a cut receiving an independent piece simulating the wings of an airplane, and a
55 foldable portion, forming an extension of said bottom, for closing said box at the rear, said bottom portion having cut out flaps simulating the wheels of an airplane.

In testimony whereof, I affix my signature.

60

HAROLD SCHURR.