

Jan. 15, 1929.

1,698,731

N. A. OTTO

SCHOOLHOUSE BOX

Filed March 28, 1927

2 Sheets-Sheet 1

Fig. 1.

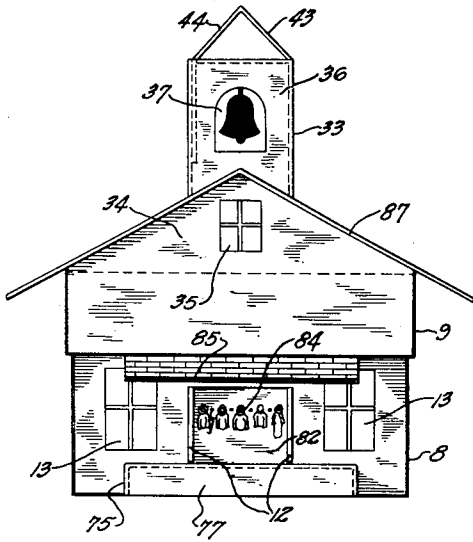


Fig. 2.

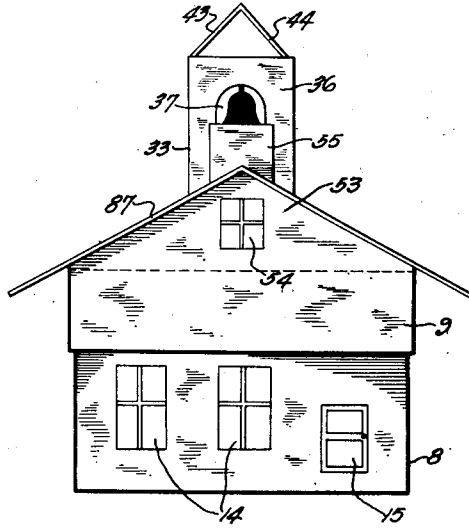
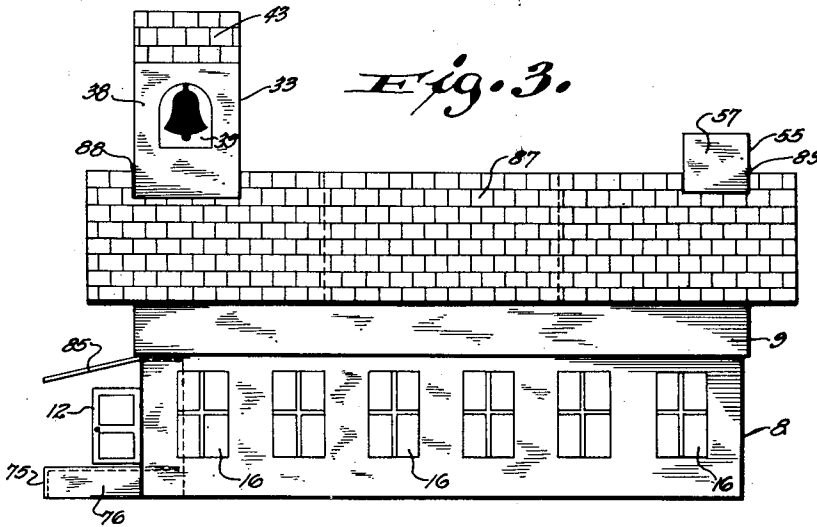


Fig. 3.



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2 Sheets-Sheet 2

Fig. 4.

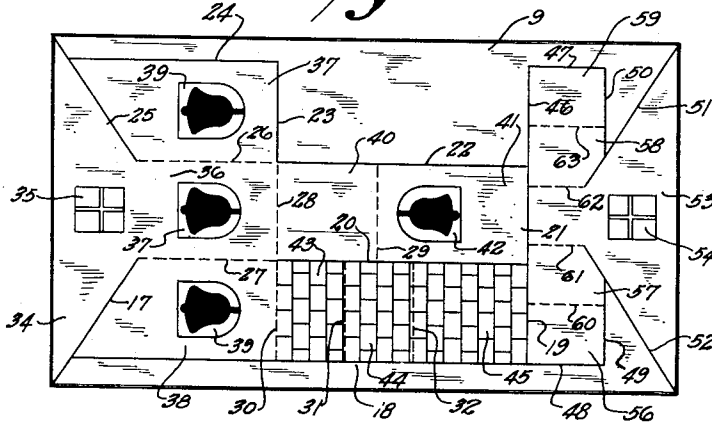


Fig. 5.

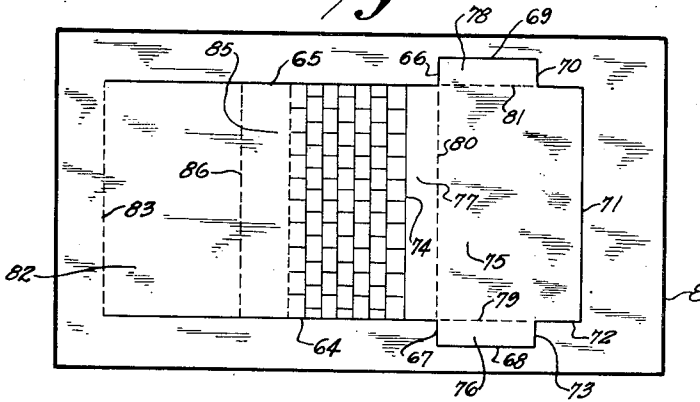
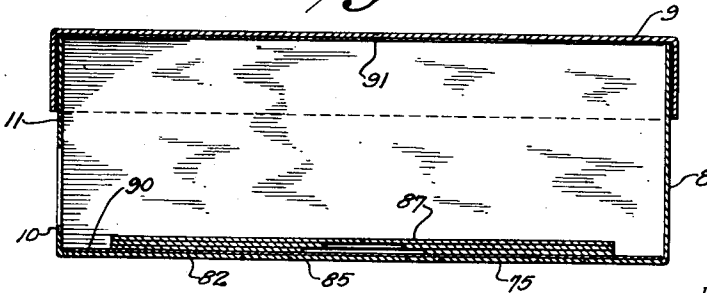


Fig. 6.



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SCHOOLHOUSE BOX.

Application filed March 28, 1927. Serial No. 179,005.

This invention relates to improvements in school house boxes, and more particularly to a set-up or solid box which can be arranged to form a model school house.

5 It is the primary object of the present invention to provide a box which in its normal state can be used as a novel and attractive container for goods of any character, and after the goods are removed therefrom, the
10 box may be readily reconstructed to form as a toy, a school house.

A further object of the invention is to provide a set-up box having cut out and scored portions for folding and assembling to form
15 an attractive school house model.

A further object of the invention is to provide a box of the character described which is of very simple construction, is strong and durable, is inexpensive to manufacture, and is well adapted for the purposes
20 described.

With the above and other objects in view the invention consists of the improved school house box and its parts and combinations as set forth in the claims, and all equivalents
25 thereof.

In the accompanying drawing in which the same reference characters indicate the same parts in all of the views:

30 Fig. 1 is a front view of the box when reconstructed to form a school house;

Fig. 2 is a rear view thereof;

Fig. 3 is a side view;

35 Fig. 4 is a plan view of the box in its normal condition as used for a container;

Fig. 5 is a bottom view thereof; and

Fig. 6 is a longitudinal sectional view thereof.

40 Referring now more particularly to the drawings it will appear that the numeral 8 indicates a five sided box of the set-up or solid type having an open top which is normally closed by a flanged, removable cover 9.

45 The front end of the box is formed with a pair of spaced, horizontal slots 10 and 11 and between the slots there is a square formed by slots and scored or fold lines, permitting the stock there-enclosed and distinctively printed, to be folded outwardly,
50 forming a pair of doors 12. Adjacent said doors, there are delineations to represent windows 13.

55 The rear end of the box is provided with a pair of whitened and lined window representations 14 and a door representation 15. The sides of the box are alike and are also

formed with a plurality of window representations 16, as shown in Fig. 3.

The top of the cover 9 of the box, at the front and medial portions thereof, is formed with cuts 17, 18, 19, 20, 21, 22, 23, 24, and 25, and fold lines 26, 27, 28, 29, 30, 31 and 32, and the entire portion defined by said cuts and fold lines when pushed outwardly from the cover stock and folded forms a belfrey 33. The constituent portions of the belfrey, separated by the various cuts and fold lines, may be designated the attic flange 34 having a window representation 35 on its surface, the belfrey front 36 integral therewith and having a window and bell representation, belfrey side flanges 37 and 38 having window and bell representations 39, the belfrey top flange 40, the belfrey rear 41 also having a window and bell representation 42, and three foldably connected belfrey roof sections 43, 44 and 45.

The rear portion of the cover is formed with a cut 46, as a continuation of the cuts 19 and 21, and also cuts 47, 48, 49, 50, 51 and 52 and the stock defined by said cuts is adapted to be pushed outwardly vertically, forming a rear attic flange 53 having a window representation 54 thereon and a chimney 55 integral therewith. The chimney 55 is formed by folding the portions 56, 57, 58 and 59 on scored lines 60, 61, 62 and 63 into a square formation.

The bottom of the box is provided with cuts 64, 65, 66, 67, 68, 69, 70, 71, 72, 73 and 74 whereby a removable porch or stoop piece 75 is provided and the rear edge of said piece 75 is adapted for insertion in the slot 10 in the front of the box and the flanges 76, 77, and 78 can be folded downwardly on the scored lines 79, 80 and 81 forming, when in position, a porch at the front of the box, as shown in Figs. 1 and 3.

The other portion separated from the bottom of the box by said cuts comprises an inner wall member 82 adapted to fold up vertically on the scored line 83 and having representations 84 thereon visible through the doors 12 when the same are open, to indicate a cloak room. A porch roof flange 85 is attached to said inner wall member 82 and the same may be folded horizontally on a fold line 86 and inserted outwardly through the upper slot 11 in the front of the box, as shown in Figs. 1 and 3.

Disposed within the box is a roof member 87 conveniently folded transversely several

times, as shown in Fig. 6. When removed from the box said roof member is adapted to be folded longitudinally angularly and inserted over the cover of the box with the belfry and chimney extending through openings 88 and 89 provided therefor in said roof member. When the roof member is so positioned, as shown in Figs. 1, 2 and 3, and the chimney and belfry are engaged thereby, the flanges of said portions in their folded positions will be held as folded.

The box in its original or holding condition is provided with an inner bottom lining 90 and an inner top lining 91, both of which are preferably of paper and are pasted in place to hold the top and bottom portions of the box against displacement. Said linings may contain printed directions relative to the assembly or remodeling of the box and, of course, may be readily torn off when the cut portions are to be displaced.

As previously mentioned, the invention contemplates the provision of a set-up box having a two-fold use. In its original state, in the condition shown in Figs. 4, 5 and 6, it may be used for holding commodities and then the purchaser of the box and commodity therein may afterwards re-assemble the box into a toy or novelty for a child in the form of a school house. The first steps in the conversion will be to remove the roof member 47 and to tear off the linings 90 and 91 and to fold the doors 12 outwardly. Then the porch member 75 is removed from the bottom and attached to the front of the box and the inner wall 82 is folded upwardly and the porch roof 85 is projected through the slot 11. Next, the belfry is pushed outwardly from the cover and folded, as is the chimney. Lastly, the roof is put into place and the box, as thus converted, appears as shown in Figs. 1, 2 and 3. The exterior of the box is lined and colored to represent preferably red frame or brick work and the exterior surfaces of the portions which form the roof, the belfry roof and the porch room are lined and colored to represent shingles.

From the foregoing description it will be seen that the improved school house box is of simple and novel construction, and is well adapted for the purposes described.

What I claim as my invention is:

1. A toy building construction, comprising a box-like structure having bottom, side and end portions, and a removable cover, the bottom portion having cut portions permitting one part thereof to be bent upwardly and extended through the front of the box to form a porch roof, another part of the bottom portion being removable and attachable to the front portion of the box beneath the roof portion to form a porch, the cover having cut-away portions permitting the folding of said parts to form upward extensions representing portions of a building,

and a foldable member removably carried in the box and unfoldable to interlock with said upward extensions and to form a building roof, the box in its original form providing a container for commodities, and in its re-arranged form providing a toy building.

2. A toy building construction, comprising a box-like structure having bottom, side and end portions, and a removable cover, the bottom portion having cut portions permitting one part thereof to be bent upwardly and extended through the front of the box to form a porch roof, another part of the bottom portion being removable and attachable to the front portion of the box beneath the roof portion to form a porch, the cover having cut-away portions permitting the folding of said parts to form upward extensions representing portions of a building, and a foldable member removably carried in the box and unfoldable to inter-lock with said upward extensions and to form a building roof, the exterior of the box having delineations thereon to represent a building exterior including doors and windows, the box in its original shape forming a rectangular container for commodities, and in its re-arranged shape forming a toy building structure.

3. A toy building construction, comprising a box-like structure having bottom, side and end portions, and a removable cover, the bottom portion having cut portions permitting one part thereof to be bent upwardly and extended through the front of the box to form a porch roof, another part of the bottom portion being removable and attachable to the front portion of the box beneath the roof portion to form a porch, the cover having cut-away portions permitting the folding of said portions to form an upwardly extending chimney, both of square form in cross section, and a foldable member removably carried in the box and unfoldable to interlock with said belfry and chimney portions and to form a building roof, the box in its original shape forming a rectangular container for commodities, and in its re-arranged shape forming a toy building structure.

4. A school-house box comprising a set-up box including a bottom, side and end portions, and a removable cover, the box in its original form being adapted to contain commodities, the front of the box having a transverse slot and cut-out portions foldable to form doors, the bottom portion having cut portions permitting one part thereof to be bent upwardly and extended through the slot in the front of the box to form a porch roof, another part of the bottom portion being removable and attachable to the front of the box beneath the roof portion to form

a porch, the cover having cut-away portions permitting the folding of said parts to form an upwardly extending belfry and an upwardly extending chimney, both of square form in cross section, and a foldable member removably carried in the box and unfoldable to interlock with said belfry and chimney portions to form an angular building roof, the exterior of the box having delineations thereon to represent a building exterior including doors and windows and the projecting belfry portion having delineations thereon to represent an opening and a bell. 10

In testimony whereof I affix my signature.
NORMAN ABNER OTTO.