

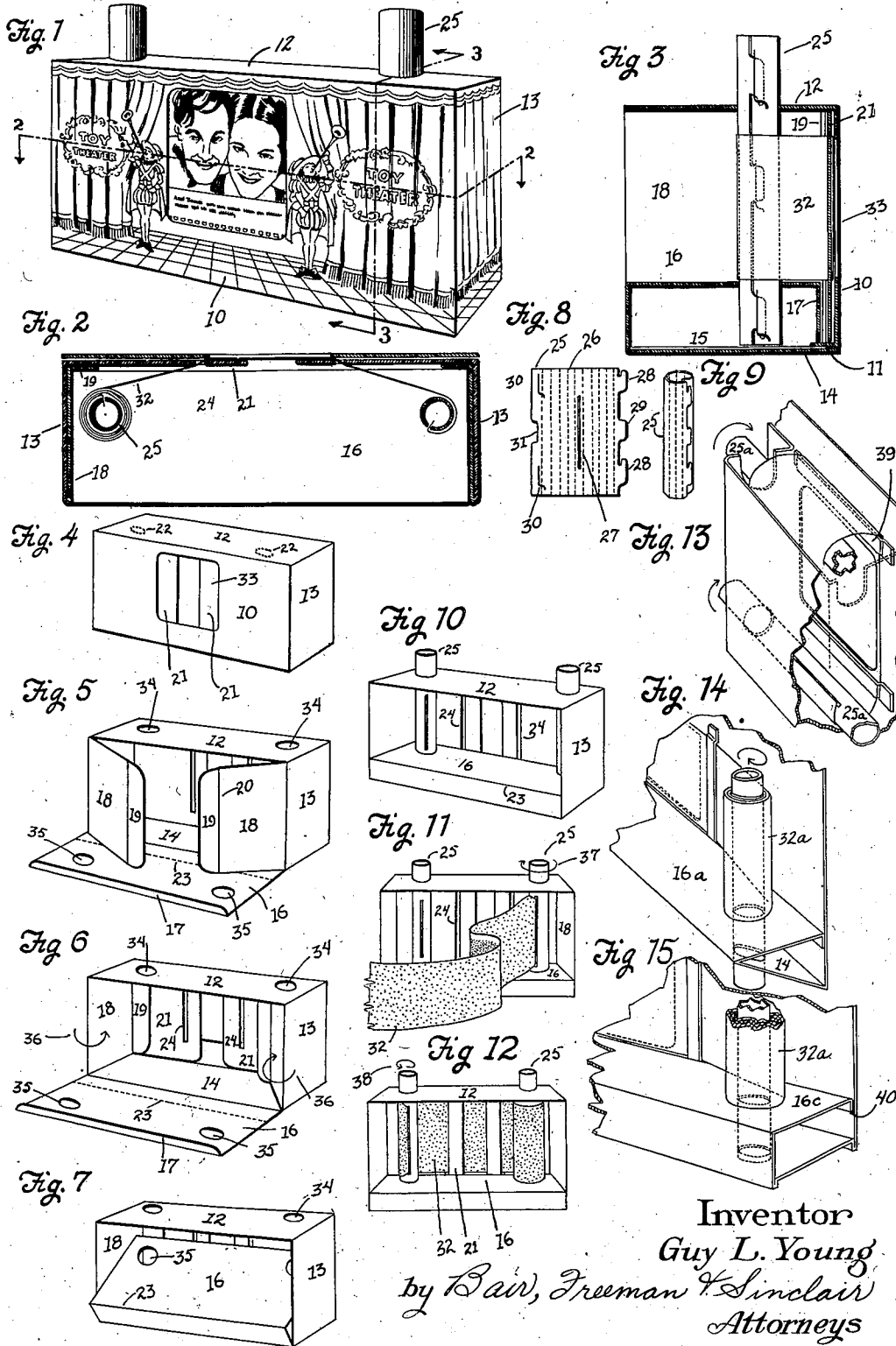
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TOY MOVIE THEATER AND CARTON COMBINED

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TOY MOVIE THEATER AND CARTON
COMBINED

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17 Claims. (Cl. 46—37)

The object of my invention is to provide a toy movie theater and carton combined and to provide certain improvements in the construction of toy movie theaters.

More particularly, it is my object to provide a carton which can be used to contain merchandise for storage and shipping and display, and which after the removal of the merchandise contents can be folded and adjusted to form a toy movie theater.

It is also an object of my invention to provide a number of novel features of construction for toy movie theaters.

With these and other objects in view, my invention consists in the construction, arrangement and combination of the various parts of my toy movie theater and carton combined, whereby the objects contemplated are attained, as hereinafter more fully set forth, pointed out in my claims, and illustrated in the accompanying drawing, in which:

Figure 1 is a perspective view of one of my devices folded and adjusted to position for forming a toy movie theater.

Figure 2 is a horizontal, sectional view taken on the line 2—2 of Figure 1 and turned a half revolution.

Figure 3 is a vertical, sectional view taken on the line 3—3 of Figure 1 and turned a half revolution.

Figure 4 is a perspective view of the device folded for use as a carton, the device being illustrated after the removal of a portion of the carton for forming my screen opening.

Figure 5 is a perspective view of the device after the removal of certain parts for forming the openings for bearings for the film rollers.

Figure 6 is a perspective view of the device after the next step for folding in the end flaps in changing the structure from its position adapted for carton use to its position adapted for use as a toy movie theater.

Figure 7 illustrates an intermediate portion of the next step in folding the parts to position for use as a theater.

Figure 8 shows a plan view of the blank for the film roller.

Figure 9 is a perspective view illustrating the film roller folded up.

Figure 10 is a perspective view illustrating the device with the film rollers installed.

Figure 11 is a perspective view illustrating the manner of attaching the film to one of the rollers and rolling the same thereon.

Figure 12 is a perspective view showing the film installed and ready for display.

Figure 13 is a perspective view, partly in section and with parts broken away illustrating a modified form of my device.

Figure 14 is a perspective view partly broken away and partly in section, illustrating still another modified form in which my device may be embodied; and

Figure 15 is another perspective view partly broken away and partly in section, illustrating another modification of my structure.

I shall first describe the device in the form in which it is used as a carton and then will explain the features of structure and steps by which it is changed to serve as a toy movie theater and will then describe some of the modifications of the theater structure.

It will be understood that this is a device which can be used for the shipping of merchandise and is so constructed that after the merchandise is removed, then by folding the parts to certain positions and making certain adjustments, the carton can be made into a toy movie theater.

In the drawing herewith, I have shown a carton which has what may be called a front wall 10, having at what is its lower edge in the finished structure an in-turned relative narrow flap 11.

In the form of carton, a top 12 is formed integrally with the front wall 10 and extends rearwardly therefrom.

Extending downwardly from the top 12 are the end walls 13. The bottom 14 is formed integral for instance with the left-hand end 13 of Figure 1, which would be the right-hand end of Figure 2, and has at its free end an up-turned flap 15, sealed to the adjacent end member 13 as illustrated in Figure 3.

Formed integrally with the bottom 14 is the rear wall 16 having at what is its upper edge in the finished carton a narrow flap 17.

At the rear edges of the ends 13 are flaps 18 terminating in narrow flaps 19. Between the flaps 18 and 19 are the creased lines 20, for making it convenient to bend the flaps 19 with relation to the flaps 18 on such lines.

Formed on the end members 13 at their front edges are flaps 21, which in the carton rest just inside the front wall 10.

The top 12 has creased circles near its ends and near the front. The back wall 16 has creased circles near its ends and near the flap 17. These creased circles are provided so that discs may be punched out of the top 12 and wall 16 for forming holes to receive the film rollers hereinafter mentioned.

The creased circles of the top 12 are indicated at 22 in Figure 4.

The wall 16 has a longitudinal creased line 23 near the bottom 14 parallel therewith. The flaps 21 have near their free edges vertical elongated slots 24 for forming film guides.

In the use of the device as a carton, it is folded as shown in Figure 5 and then closed in the ordinary way with the contents therein.

In Figure 8, I have shown the blank for one of the film rollers 25. This is a rectangular blank of cardboard or the like having a series of longitudinal creased lines 26 and a central slot 27. At one edge are the spaced tongues 28 and the intermediate tongue 29, and at the opposite edge are spaced slots 30 and an intermediate notch 31.

A pair of these roller blanks is packed in the carton with the merchandise. A long strip 32 has a series of pictures on it in imitation of a moving picture film and is packed with the merchandise.

When the merchandise is removed, the carton may be readily adjusted for forming a moving picture theater. The front 10 is marked as shown for instance in Figure 1 to represent a theater and a screen. The front has a rectangular portion with creased lines around it and the portion surrounded by these lines is punched out to leave a hole 33 for the picture strip of film to pass for showing successive pictures on the strip. The back member 16 is opened as shown in Figure 5. Holes 34 are punched out of the top 12 by punching out the discs surrounded by creased lines and similar holes 35 are punched out of the wall 16 by punching out these discs surrounded by similar creased lines. The flaps 18 are then folded inwardly as indicated by the arrows 36 in Figure 6 with the flap portions 18 adjacent to the ends 13 and with the flap portions 19 adjacent to the flaps 21.

The wall 16 is then creased along the line 23 as shown in Figure 7. The flap 17 is folded at right angles to the portion 16 to form a support, and the wall 16 is folded inwardly to form a false bottom as shown in Figure 10.

The rolls are formed up from their flat form shown in Figure 8 to their cylindrical form shown in Figure 9 and are slipped through the holes 34 and the holes 35 to their positions as shown in Figure 10.

One end of the strip 32 is then slipped into the slot 27 of one of the film rolls and that roll is rotated as indicated by the arrow 37 in Figure 11 for winding the strip upon the roller. Then the opposite end is threaded through the slots 24 with the picture part upward and the free end is inserted into the slot of the other roller, which is then given a few turns, whereupon the device is ready for display.

By continuing to rotate the latter roller in the direction indicated by the arrow 38, the successive pictures on the picture strip may be brought to register with the opening 33.

The device is then complete and ready for the display of the picture.

It perhaps may be mentioned at this point that the flaps 21 serve the ordinary function of such flaps in a carton when the device is used as a carton, and serve as film guides when the device is used as a toy movie theater.

Similarly the flaps 18 and 19 serve the ordinary function of such flaps in a carton. They serve, however, another and somewhat important function when the device is being used as a toy movie theater. It will be seen that when the device is assembled for use as shown in Figure 12, there

is slight tendency when the film or strip of paper is rolled from one roller 25 to the other to pull the flaps 21 inwardly (see Figure 2). The flaps 18 and 19 serve to brace the ends 13 and to brace the flaps 21 for preventing this inward movement.

There is another provision which prevents such inward movement, particularly of the free ends of the flaps 21. It will be noted that the front edge of the wall 16 engages the flaps 21 and tends to hold them in place. It will also be noted that the same action of the film strip which tends to pull the flaps 21 rearwardly tends to pull the rollers forwardly and thus to hold the wall 16 against the flaps 21.

It will be seen that I have provided a carton, practically all parts of which serve a function when the device is used as a carton. The carton parts are so constructed and foldable that by adjusting them from the positions which they occupy when the device is used as a carton to certain other positions, the device is adapted for use as a toy moving picture theater.

I have described my device as a combination carton and movie theater structure, and while my invention lies largely in the construction and arrangement of the parts whereby the device is adapted for use as a carton or as a toy movie theater, it will be seen that I have disclosed certain features peculiar to a toy movie theater, which I believe to be patentable in themselves.

In Figures 13, 14 and 15, I have shown some modifications which might be made in the toy movie structure. For instance in Figure 13, I have shown the rollers 25a similar to the rollers 25 but arranged horizontally, so that the picture strip moves vertically across the opening in the toy theater. With such an arrangement, I have provided separate guide means 39 arranged above and below the opening for the pictures.

In Figure 14, I have shown a structure substantially similar to that of Figures 1 to 12, except that the bottom is arranged without the creased line 23. I have shown the wall 16a similar to the wall 16 without the creased line 23, so that the bottom of the movie theater instead of being as shown in Figures 10, 11 and 12 is triangular in cross section.

Again in Figure 15 I have shown a different form for the bottom structure in which there is a false bottom 16c with a flange 40, which may be pasted to the front wall of the theater.

The structure here shown is peculiarly adapted for advertising purposes and enables the manufacturer or merchandiser to pack his product in a carton which after removal of the contents can be readily adapted for use by children as an enjoyable toy.

Certain of the toy movie features might be used without employing the carton structure complete.

It will also be obvious that changes might be made in the details of the construction and arrangement of parts, and it is my purpose to cover by my claims any such modifications or use of equivalents as may be reasonably included within their scope.

I claim as my invention:

1. In a device of the kind described, a structure marked to represent the stage and screen of a toy movie theater, provided with a picture aperture and having a top and a raised platform spaced below the top, said top and platform having holes for receiving film rollers, film rollers journaled in

said holes and film guides on the structure adjacent said picture aperture.

2. In a device of the kind described, a carton having flaps extending from opposite ends of the carton toward each other and adapted to serve the usual function of flaps in a carton when the device is used for containing merchandise and provided near their free edges with slots adapted to serve as film guides when the device is used as a toy movie theater.

3. In a structure of the kind described, a carton having a top, a bottom, a front wall, end walls, and a back wall, said end walls having laterally attached flaps, flaps secured to the front edges of the end walls having film guide slots, flaps secured to the rear edges of the said end walls being adapted to be folded inwardly against the end walls and being provided with terminal narrow flaps.

4. In a device of the kind described, a carton having a top, a bottom, front and end walls and a back wall, the back wall being attached to the bottom and having at its free edge farthest from the bottom a narrow flap, so that the back wall may be folded inwardly to function as a false bottom, spaced from the bottom by said narrow flap.

5. In a device of the kind described, a carton having a top, a bottom, front and end walls and a back wall, the back wall being attached to the bottom and having at its free edge farthest from the bottom, a narrow flap, so that the back wall may be folded inwardly to function as a false bottom, spaced from the bottom by said narrow flap, said back wall having a weakened line near and parallel with the bottom.

6. In a device of the kind described, a carton having a top, a bottom, front and end walls and a back wall, the back wall being attached to the bottom and adapted to be folded inwardly to serve as a false bottom, said top and bottom having weakened lines to permit punching out a pair of spaced holes in the top, and a pair of spaced holes in the back wall to register with the respective first-named holes when the back wall is so folded inwardly.

7. In a device of the kind described, a carton having a top, a bottom, front and end walls and a back wall, the back wall being attached to the bottom and adapted to be folded inwardly to serve as a false bottom, said end walls each having a flap at each lateral edge, the forward flaps having film guide slots, and the rearward flaps being adapted to be folded inwardly against the end walls and against the forward flaps.

8. In a device of the kind described, a carton having a top, a bottom, front and end walls and a back wall, the back wall being attached to the bottom and adapted to be folded inwardly to serve as a false bottom, said end walls each having a flap at each lateral edge, the forward flaps having film guide slots, and the rearward flaps being adapted to be folded inwardly against the end walls and against the forward flaps, and being provided with narrow flaps at their free edges to rest against the forward flaps.

9. In a structure of the kind described, a carton having a top, bottom, front and end walls, and having front flaps with film guide slots, and rear flaps adapted to be folded to position for bracing the front flaps.

10. In a structure of the kind described, a carton having top, bottom, front and end walls and a back wall, the front wall having a portion

capable of removal for forming a film opening, said end walls having flaps at their forward lateral edges provided with film guide slots, said rear wall being adapted to be folded inwardly until it engages said forward flaps, said top and back wall having weakened lines around portions thus adapted to be removed for forming holes for receiving film rollers, film rollers adapted to be received in the holes formed by the removal of said last-named portions, whereby when a strip is mounted on the rollers and threaded through the guides and one of the rollers is rotated for moving the strip across the first-mentioned opening, the tendency of the strip to pull said flaps inwardly is resisted by the tendency of the strip to pull the rollers and the back wall forwardly.

11. In a structure of the kind described, a carton having top, bottom, front and end walls and a back wall, the front wall having a film opening, said end walls having flaps at their forward lateral edges provided with film guide slots, said rear wall being adapted to be folded inwardly until it engages said forward flaps, said top and back wall having weakened lines around portions thus adapted to be removed for forming holes for receiving film rollers, film rollers adapted to be received in said holes, whereby when a strip is mounted on the rollers and threaded through the guides and one of the rollers is rotated for moving the strip across the first-mentioned opening, the tendency of the strip to pull said flaps inwardly is resisted by the tendency of the strip to pull the rollers and the back wall forwardly, said back wall having a weakened line near the bottom and having at its free edge opposite the bottom a narrow flap.

12. In a device of the kind described, a carton having flaps extending from opposite ends of the carton toward each other and adapted to serve the usual function of flaps in a carton when the device is used for containing merchandise and provided near their free edges with slots adapted to serve as film guides when the device is used as a toy movie theater, and means for holding the flaps against inward movement when they are in use as film guides.

13. In a structure of the kind described, a structure adapted for a toy theater stage and to be collapsed for storage and transportation, and having a top, a bottom, a front wall and end walls, said end walls having laterally attached flaps, flaps secured to the front edges of the end walls having film guide slots, and flaps secured to the rear edges of the said end walls being adapted to be folded inwardly against the end walls and being provided with terminal narrow flaps.

14. In a device of the kind described, a structure adapted for a toy theater stage and to be collapsed for storage and transportation having a top, a bottom, front and end walls and a wall attached to the bottom and having at its free edge farthest from the bottom a narrow flap, so that it may be folded inwardly to function as a false bottom, spaced from the bottom by said narrow flap.

15. In a device of the kind described, a structure adapted for a toy theater stage and to be collapsed for storage and transportation having a top, a bottom, front and end walls and an additional wall attached to the bottom and adapted to be folded inwardly to serve as a false bottom, said top and bottom having weakened lines to permit punching out a pair of spaced holes in the top, and a pair of spaced holes in the addition-

al wall to register with the respective first-named holes when the additional wall is so folded inwardly.

16. In a device of the kind described, a structure adapted for a toy theater stage and to be collapsed for storage and transportation having a top, a bottom, front and end walls and an additional wall, attached to the bottom and adapted to be folded inwardly to serve as a false bottom, said end walls each having a flap at each lateral edge, the forward flaps having film guide slots, and the rearward flaps being adapted to be fold-

ed inwardly against the end walls and against the forward flaps.

17. In a structure of the kind described, a collapsible casing adapted to form a holder for a film and having a top, bottom, sides and a front, the front having a sight opening for viewing the film, said casing having parts adapted to hold rollers journaled on opposite sides of the sight opening and having flaps arranged adjacent the path of travel of a film mounted on rollers for holding the film in registry with the sight opening.

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