Jan. 1, 1952 E. J. HENNESSY 2,581,100

BOTTLE CARRIER CONVERTIBLE TO A TOY HOUSE

Filed Aug. 6, 1949

2 SHEETS—SHEET 1

FIG. 1.

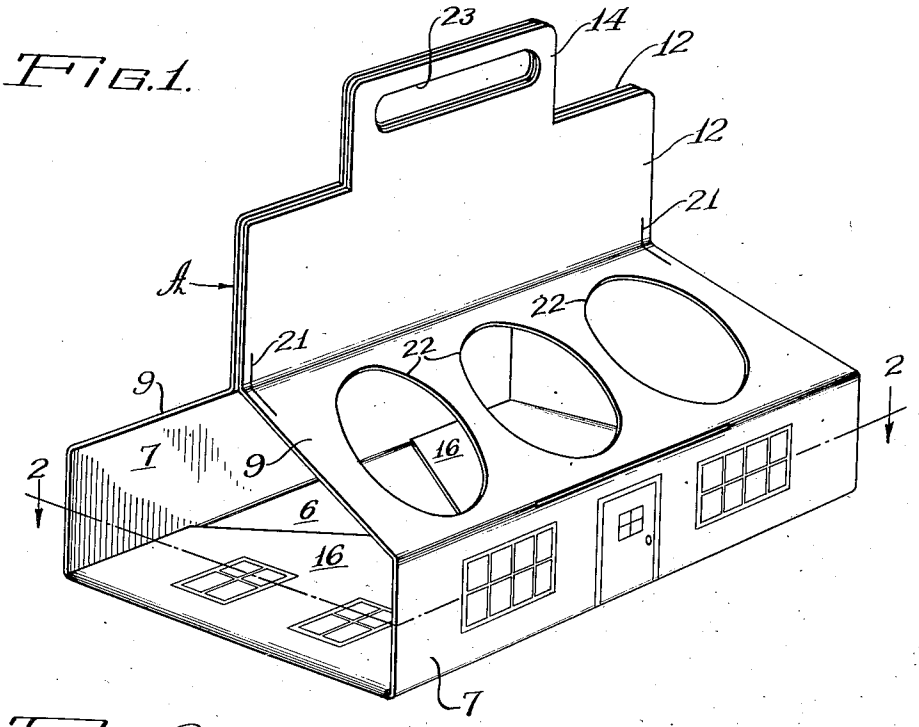
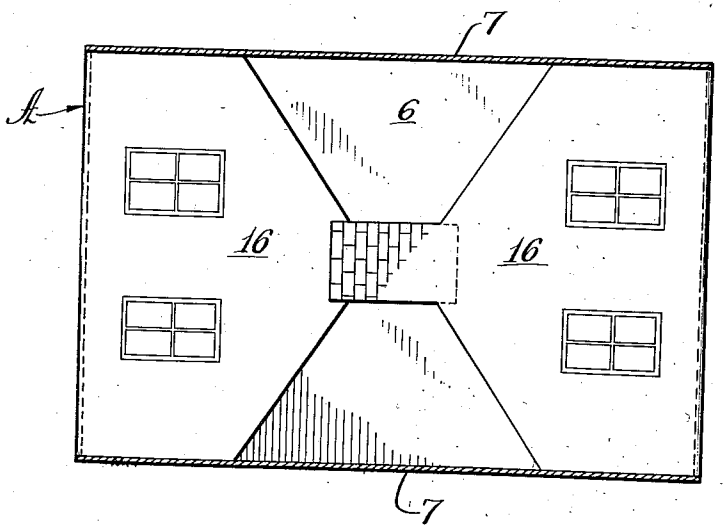


FIG. 2.



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2 SHEETS—SHEET 2

FIG. 3.

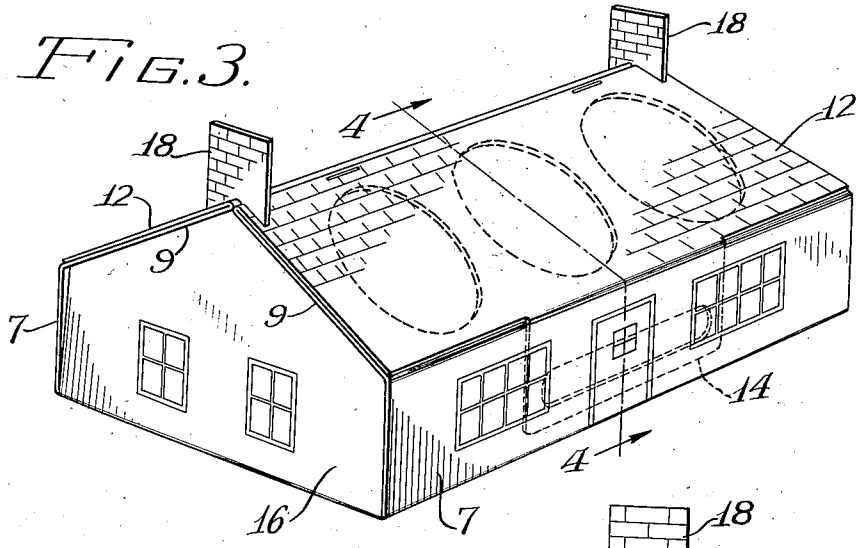


FIG. 4.

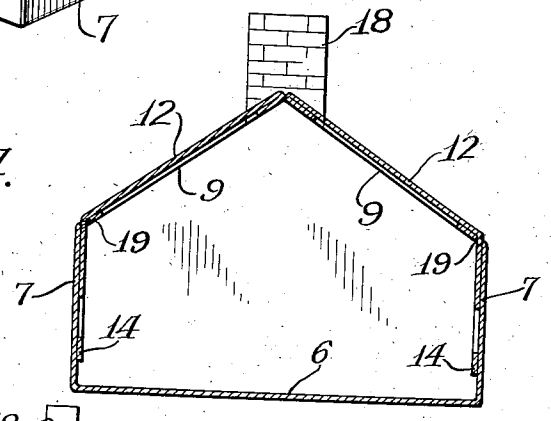
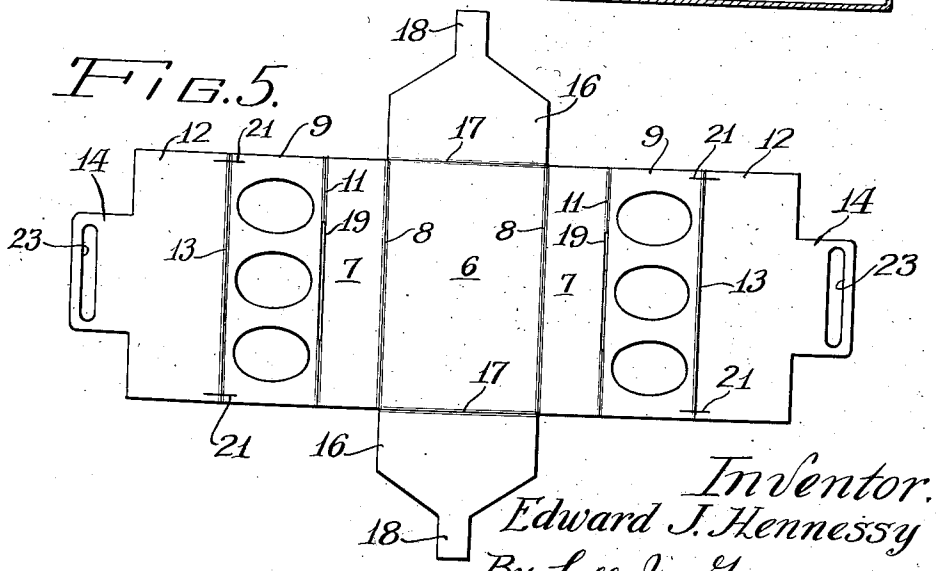


FIG. 5.



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Patented Jan. 1, 1952

2,581,100

UNITED STATES PATENT OFFICE

2,581,100

BOTTLE CARRIER CONVERTIBLE TO A TOY HOUSE

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Application August 6, 1949, Serial No. 109,022

6 Claims. (Cl. 46—11)

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This invention relates to improvements in a toy house and is more particularly concerned with the provision of a sheet of cardboard cut and scored to first form a bottle carrier which, after use, may be converted into a toy house.

In the past few years many different types of cardboard bottle carriers have been manufactured and used by customers in carrying bottle drinks from stores to their homes. It has heretofore been the practice to destroy the bottle carrier after use. The present invention contemplates the provision of a bottle carrier which may be converted into a toy house of sturdy construction and having a pleasing, attractive exterior appearance.

This invention further contemplates the provision of means for detachably connecting the several cardboard sections in set-up condition during conversion of the cardboard blank from a bottle carrier to a toy house.

This invention embodies other novel features, details of construction and arrangement of parts which are hereinafter set forth in the specification and claims, and illustrated in the accompanying drawings, wherein:

Fig. 1 is a perspective view illustrating the manner in which the sections of a cardboard blank are arranged to form a bottle carrier.

Fig. 2 is a sectional view taken along the line 2—2 of Fig. 1.

Fig. 3 is a perspective view illustrating the manner in which the sections of the cardboard blank are arranged to form a toy house.

Fig. 4 is a transverse sectional view taken along the line 4—4 of Fig. 3.

Fig. 5 is a plan view illustrating the manner in which a sheet of cardboard is cut and scored to form a bottle carrier which may be converted into a toy house.

Referring now to the drawings for a better understanding of this invention, the cardboard blank shown in Fig. 5 is cut and scored to form the type of bottle carrier illustrated in Figs. 1 and 2 and to also form the type of toy house illustrated in Figs. 3 and 4.

The cardboard blank is cut and scored to form a base 6 having side walls 7—7 hingedly connected thereto along score lines 8—8. Apertured sections 9—9 are hingedly connected along the score lines 11—11 to the side walls 7—7. Roof sections 12—12 are hingedly connected to their respective apertured sections 9—9 along the score lines 13—13. Each roof section 12 is provided with a handle section 14. End walls 16—16 are hingedly connected to opposite ends of the base 6 along the score lines 17—17. Each end wall is

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formed with an outwardly projecting locking flap 18. A slot 19 is formed in the blank along each score line 11 to receive its respective handle 14 when the blank is folded to form a toy house, as hereinafter described. Each apertured section 9 and roof section 12 is formed with a pair of slits 21 adapted to receive the locking flaps 18—18 formed on the end walls 16—16 when the blank is folded to form a house.

Figs. 1 and 2 in the drawings illustrate the manner in which the cardboard blank is folded to form a bottle carrier, generally indicated at A. In forming a bottle carrier A, the side walls 7—7 are folded upwardly from the base 6, and the apertured sections 9—9 are folded inwardly toward each other to dispose the roof sections 12—12 in face-to-face relation. The end walls 16—16 are folded downwardly against the upper surface of the base 6. In the use of the carrier A, the bottles are inserted through the apertures 22 formed in the apertured sections 9—9 and rest against the base 6. The handles 14—14 are formed with elongated apertures 23—23 adapted to be arranged in registry to receive the fingers of a customer during movement of the carrier.

In forming a toy house from the blank of cardboard, as illustrated in Figs. 3 and 4, the roof sections 12—12 are folded downwardly against the apertured sections 9—9 and the handles 14—14 are inserted downwardly through their respective slots 19—19. Side walls 7—7 and the end walls 16—16 are then folded upwardly from the base 6. The upper end of each interlocked roof and apertured section is then folded inwardly to engage the locking flaps 18—18 in the slits 21—21 to complete the formation of the toy house. It is contemplated that the outer surfaces of the side walls, end walls, and roof sections forming the toy house shall be printed to simulate the appearance of doors, windows, roofing and brickwork.

While this invention has been shown in but one form, it is obvious to those skilled in the art that it is not so limited but is susceptible of various changes and modifications without departing from the spirit and scope of the claimed invention.

I claim as my invention:

1. A toy house formed from a bottle carrier, comprising a sheet of cardboard cut and scored to form a base, side walls hinged to opposite sides of said base, an apertured section hinged to the upper edge of each side wall, the sheet of cardboard being formed with a slot at the intersection of each side wall and apertured section, a roof section hinged to the upper edge of each aper-

tured section overlying and covering its respective apertured section, and handle sections hinged to said roof sections and inserted through said slots, and end walls hinged to the opposite ends of said base and extending between said side walls and projecting to said apertured sections and supporting them and their overlying sections in roof forming position.

2. A bottle carrier convertible to a toy house comprising a sheet of cardboard cut and scored to form a base, side walls hinged to the opposite sides of the base, an apertured section hinged to the upper edge of each side wall, a panel hinged at one edge to each apertured section, and a handle projecting from the opposed edge of each of said panels, said panels and their projecting handles being adapted to lie against each other and to project above the apertured sections for use as a bottle carrier, said panels being further adapted to overlie and cover their respective apertured sections to provide a toy house roof and said handles being adapted to be inserted in slots formed in the line of hinge between each side wall and apertured section to hold said roof-forming panels secured over said apertured sections, and end walls hinged to the opposite ends of said base adapted to be erected between said side walls and said apertured sections and to extend to the latter to support them in their roof forming position.

3. A bottle carrier convertible to a toy house comprising a sheet of cardboard cut and scored to form a base, side walls hinged to the opposite sides of the base, an apertured section hinged to the upper edge of each side wall, a panel hinged at one edge to each apertured section, means on the line of said hinge securing said apertured sections in continguous relationship, and a handle projecting from the opposed edge of each of said panels, said panels and their projecting handles being adapted to lie against each other and to project above the apertured sections for use as a bottle carrier, said panels being further adapted to overlie and cover their respective apertured sections to provide a toy house roof and said handles being adapted to be inserted in slots formed in the line of hinge between each side wall and apertured section to hold said roof-forming panels secured over said apertured sections, and end walls hinged to the oposite ends of said base adapted to be folded inwardly and to lie against the base in use as a bottle carrier and further adapted to be erected between said side walls and said apertured sections and to project to the latter to support them and their overlying panel sections in their roof forming position.

4. A bottle carrier convertible to a toy house comprising a sheet of cardboard cut and scored to form a base, side walls hinged to the opposite sides of the base, an apertured section hinged to the upper edge of each side wall, a panel hinged at one edge to each apertured section including a handle projecting from the opposed edge of each of said panels, means on the line of said hinge securing said apertured sections in contiguous relationship, said panels and their projecting handles being adapted to lie aginst each other and to project above the apertured sections for use as a bottle carrier, said panels being further adapted to overlie and cover their respective apertured sections to provide a toy house roof and said handles being adapted to be inserted in slots formed in the line of hinge between each side wall and apertured section to hold said roof-forming panels secured over said apertured sections, and end walls hinged to the opposite ends of said base and adapted to lie against said base in use as a bottle carrier and adapted to be erected between said side walls and apertured sections in use as and as a support for said toy house.

5. A bottle carrier convertible to a toy house comprising a base, side walls hinged to the opposite sides of the base, an apertured section hinged to the upper edge of each side wall, a panel hinged at one edge to each apertured section including a handle projecting from the opposed edge of each of said panels, means on the line of said hinge securing said apertured sections in contiguous relationship, said panels and their projecting handles being adapted to lie against each other and to project above the apertured sections for use as a bottle carrier, said panels being further adapted to overlie and cover their respective apertured sections to provide a toy house roof and said handles being adapted to be inserted in slots formed in the line of hinge between each side wall and apertured section to hold said roof-forming panels secured over said apertured sections, and end walls hinged to the opposite ends of said base adapted to be erected between said side walls and apertured sections including locking flaps for engagement with the latter to secure the house structure in set-up condition.

6. A bottle carrier comprising a sheet of cardboard cut and scored to form a base, side walls hinged to the opposite sides of the base, an apertured section hinged to the upper edge of each side wall, a pair of panels each hinged at one edge to each apertured section and thereat secured together, and a handle of relatively narrower width projecting from the opposed edge of each of said panels, said panels and their projecting handles normally lying against each other and projecting above the apertured sections in use as a bottle carrier, said panels being adapted to be folded away from each other on their hinge lines to overlie and cover their respective apertured sections to provide a toy house roof and said handles being adapted to be inserted in slots formed in the line of hinge between each side wall and apertured section to hold said roof-forming panels secured over said apertured sections, and end walls hinged to the opposite sides of said base adapted to be elevated and to extend between said side walls and apertured sections including means for engagement with the latter to provide a toy house structure.

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