

- [54] STEREOGRAPHIC PICTURE BOOK
- [76] Inventor: Hirokazu Yumoto, No. 1-11,
2-Chome, Sumida, Sumida-ku,
Tokyo, Japan
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- [51] Int. Cl..... A63h 33/00
- [58] Field of Search 46/34, 36, 37; 40/124.1
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Primary Examiner—Robert Peshock
Assistant Examiner—J. Q. Lever

[57] ABSTRACT
A stereographic picture book including a swivel connection for moving one feature of the picture on the stationary background picture and a flexible connection for lifting the other feature of the picture from the plane of the stationary picture, both connections being operable when the book is opened.

1 Claim, 4 Drawing Figures

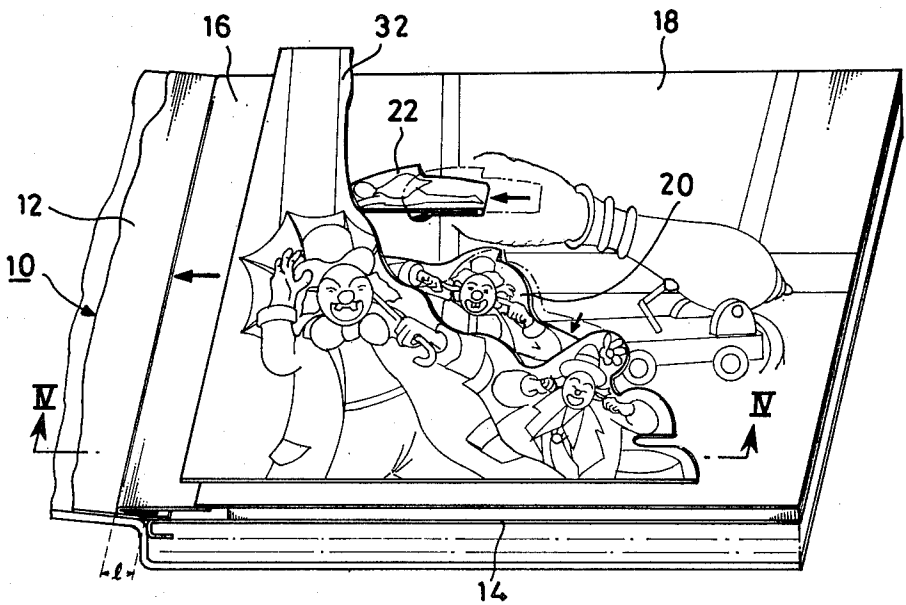


FIG. 1

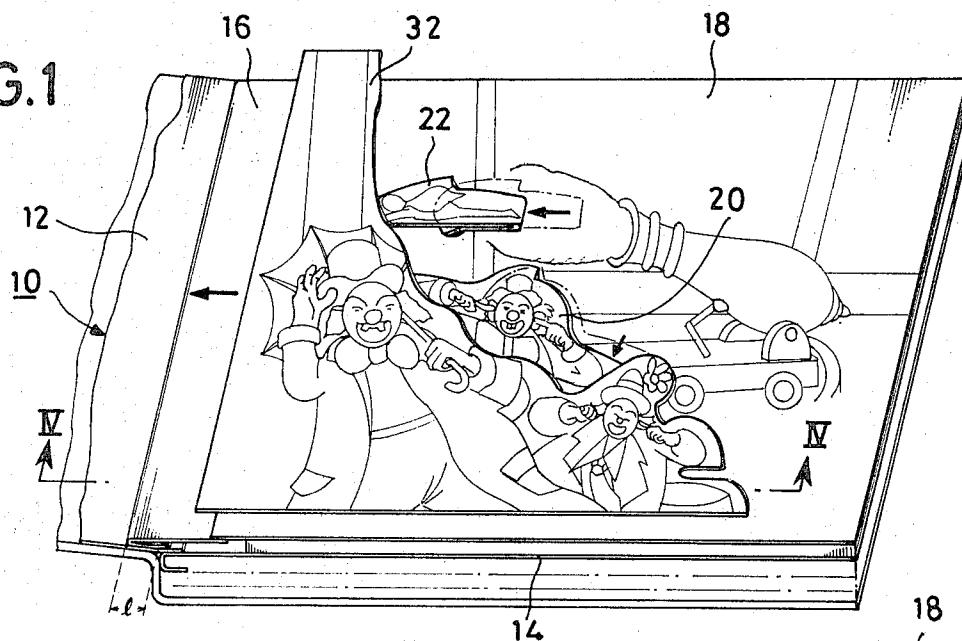


FIG. 2

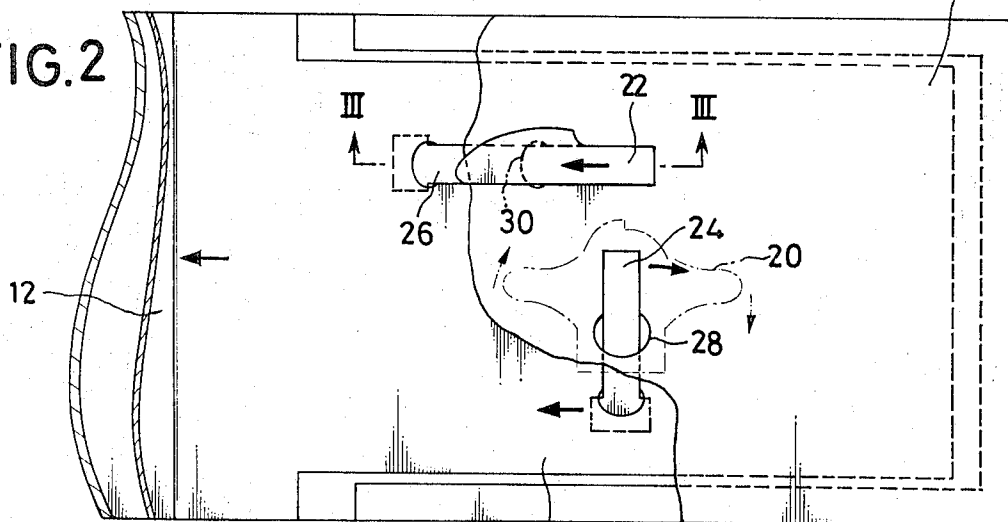


FIG. 3

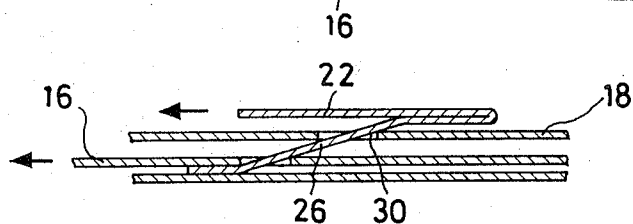
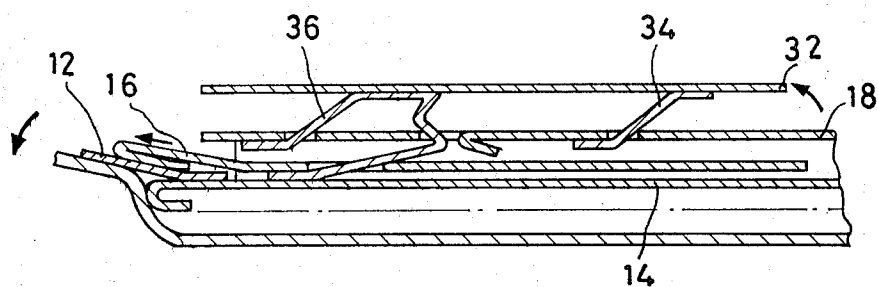


FIG. 4



STEREOGRAPHIC PICTURE BOOK

SUMMARY OF THE INVENTION

The present invention relates to a picture book including movable and projectable features of the picture.

The present invention provides a new and improved movable feature and projectable picture book which includes a swivel connection for moving one feature of a picture on the stationary background picture and a flexible connection for projecting the other feature of the picture from the plane of the stationary background picture wherein both swivel and flexible connections are operable when the book is opened.

In accordance with the present invention, the movable feature and projectable picture book comprises a folded base plate including left and right side plates, an operation plate connected at its one end to the inner extended edge of the left side plate and reversed at its opposite end for disposition over the right side plate, a stationary picture plate fixed along its outer marginal portion to the outer extended edge of the right side plate and being in relative sliding relation with the operation plate, one or more specific feature piece movably arranged on the stationary picture, a swivel connection interconnecting the operation plate with the individual feature piece through an opening provided in the stationary picture plate for effecting movement of the specific feature piece, a projection picture plate flexibly fixed at its one end to the stationary picture and projectably connected at its opposite end to the operation plate, and a flexible connection interconnecting the operation plate with the projection picture plate through an opening provided in the stationary picture plate for effecting protrusion of the projection picture plate from the plane of the stationary plate. It will be appreciated that a swivel connection may be replaced by a linear connection for pulling a feature piece in accordance with movement of the operation plate.

The characteristic feature of the present invention resides in that one end portion of the operation plate is connected to an inner extended edge of the left side plate of the folded base plate whereas one end portion of the stationary picture plate is connected to the opposite outer extended edge of the right side plate whereby the operation plate and the stationary plate are slidably moved in opposite directions with movement as well as projection of individual feature piece when the folded base plate is opened.

These and other objects of the invention will become apparent as the description proceeds in particular reference to the accompanying drawings, in which:

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a perspective view of the feature movable and projectable picture book in accordance with the present invention showing the state that one feature piece is projected while the other feature is shifted from its original position;

FIG. 2 is a plan view of the book of FIG. 1 a portion of which is broken away to show a swivel as well as pulling connection;

FIG. 3 is a cross sectional view of the pulling connection taken along the line III — III of FIG. 2; and

FIG. 4 is a cross sectional view of the flexible connection taken along the line IV — IV of FIG. 1.

DETAILED DESCRIPTION OF THE INVENTION

Referring now in more detail to the drawings, wherein like parts are indicated by like reference numerals, and initially to FIG. 1, there is illustrated therein in perspective view a feature movable and projectable picture book comprised of a folded base plate 10 which includes left and right side plates 12 and 14. To the left side plate 12 along its inner edge is connected one end portion of an operation plate 16 which is reversed over the right side plate 14 defining an engagement area for a distance l . When the folded base plate 10 is completely opened in flat, the operation plate 16 is pulled in direction of the arrow distance l which simultaneous actuation of a swivel connection as best shown in FIG. 2. In FIGS. 2 and 3, on the operation plate 16 is slidably superimposed a stationary picture plate 18 which is usually a background picture or scene which at its one edge is connected to an outer edge of the right side plate 14 and is thus free at the opposite side thereof free. On the background picture plate 18 there are further arranged feature pieces 20, 22 in movable relation with the stationary picture 18 by means of a swivel connection 24 and a pulling connection 26. One end of the swivel connection 24 is engaged with the operation plate 16 whereas the other end thereof is connected to the rear side of the feature piece 20 through an opening 28 provided in the stationary picture plate 18. Similarly, the feature piece 22 is also operationally connected to the operation plate 16 by means of the pulling connection 26 through an opening 30 also provided in the stationary picture plate 18.

As best shown in FIG. 4, the projection picture plate 32 is projectably connected to the stationary picture plate 18 through a flexible leg 34 thereof and a flexible connection 36 having one end fixed to the operation plate 16 and the other end connected to the rear side of the projection plate 32.

In the state as best shown in FIG. 1, the base plate 10 is completely opened and flat and as a result the operation plate 16 is pulled toward the direction shown by an arrow a distance l with a relative sliding movement of the stationary picture plate 18 to the opposite direction. In this case the swivel connection 24 is turned under a function of the openings 28 as a fulcrum whereby the feature piece 20 is moved in a predetermined distance whereas the pulling connection is pulled in a direction as shown by an arrow whereby the feature piece 22 is moved. At the same time, the flexible connection 36 lifts the projection picture plate 32 upwardly from the stationary picture plate 18.

The features movable and projectable picture book according to the invention may be available to various utilizations including educational, artistic and playing purposes.

It will be apparent that obvious variations can be made from the above description without, however, departing from the scope of the invention.

I claim:

1. A stereographic picture book which comprises a folded base plate including left and right side plates, an operating plate dimensioned for connection at one end thereof to an inner edge of the left side plate and for extension over the right side plate, a stationary plate fixed to said right plate for movement relative to the operating plate, at least one display movably arranged on the

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second plate, a swivel connection interconnecting the operating plate with the display through an opening provided in said stationary plate for effecting movement of the display, a projectable picture plate connected by a flexible connection, at its one end, to said stationary plate and for projection, at its opposite end,

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to the operating plate, said flexible connection interconnecting the operating plate with the projectable plate through a second opening provided in the stationary plate for effecting protrusion of the projectable plate from the plane of the stationary plate.

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