Feb. 24, 1970 R. M. FERGUSON ET AL 3,496,673

ANIMATED TOY DEVICE

Filed June 17, 1968

FIG.1

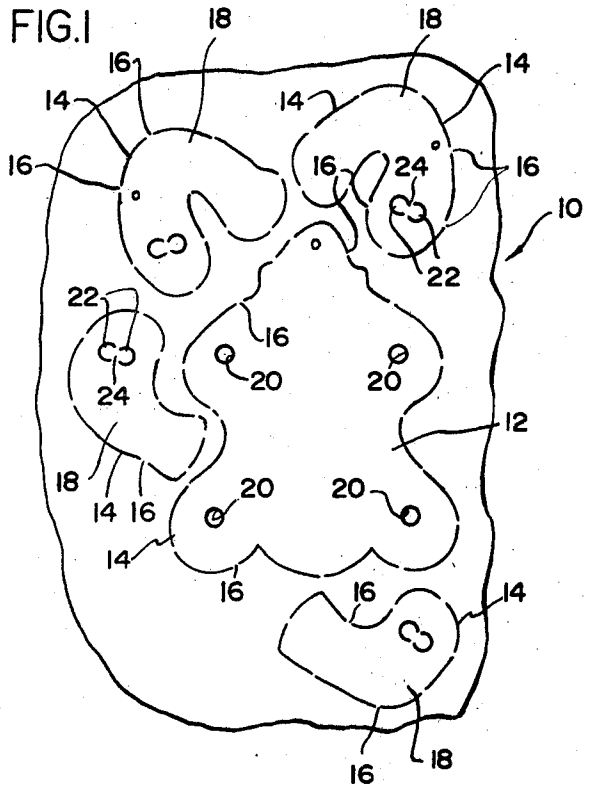


FIG.2

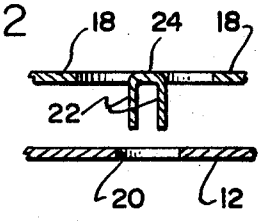


FIG.3

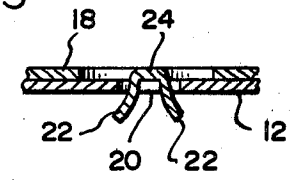
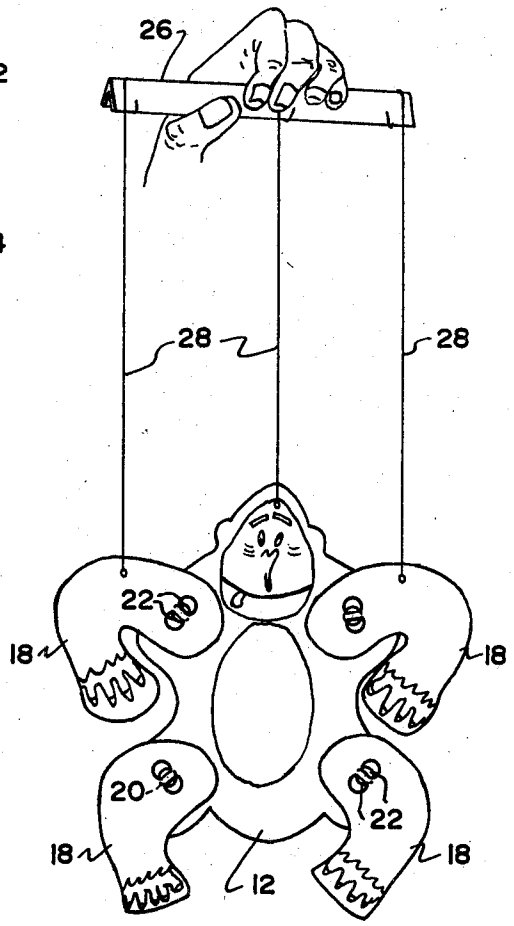


FIG.4



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ANIMATED TOY DEVICE

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U.S. Cl. 46—126 3 Claims

ABSTRACT OF THE DISCLOSURE

An animated toy device is formed substantially from paperboard and comprises a substantially flat main body member, a plurality of limb members, means integral with the members for connecting the members to each other for accommodating relative rotational movement therebetween, and means for effecting the relative movement of the members. The means for connecting one member to another includes an arcuate opening in one member and a pair of tabs in the other member hinged to the other member adjacent each other with their ends remote from each other disposed to extend through the opening in said one member thereby providing a rotatable connection between the members.

BACKGROUND OF THE INVENTION

Field of the invention

This invention relates to an animated toy device formed substantially of paperboard and, more particularly, to an animated toy device having means for effecting relative movement of individual members of the device.

The prior art

Heretofore, toys formed substantially of paperboard were so constructed that, when an animated action was to be produced, only the entire toy could be moved rather than individual members thereof. The present invention overcomes this disadvantage and provides for an animated toy device wherein each individual member of the toy can be moved thus effecting a relative movement between the members. This accomplished by providing connecting means which connect one member to another so as to effect a rotatable connection between the members.

SUMMARY OF THE INVENTION

Generally, the animated toy device of the present invention is formed substantially of paperboard and comprises a main body member having various limb members connected thereto. The connecting means is formed integrally with the members for accommodating relative rotational movement therebetween and includes an arcuate opening in one member and a pair of tabs in the other member. The tabs are hinged to said other member adjacent each other with their free ends remote from each other and disposed to extend through the opening in the one member thereby providing rotational connection between the members so that individual members can be moved as desired to effect animation.

DRAWING

FIGURE 1 illustrates individual members of the toy device of the present invention, the members being partially cut in a blank of paperboard;

FIGURE 2 is a sectional view of the connecting means prior to connection of the members to each other;

FIGURE 3 is a sectional view similar to that shown in FIGURE 2 but illustrating the connecting means after the individual members have been connected to each other; and

FIGURE 4 is a view of completely assembled toy of the present invention showing means for effecting the relative movement of individual members of the toy.

While this invention is susceptible of embodiment in many different forms, there is shown in the drawing and will herein be described in detail, an embodiment of the invention with the understanding that the present disclosure is to be considered as an exemplification of the principles of the invention and is not intended to limit the invention to the embodiment illustrated.

Referring now to the drawing, more particularly to FIGURE 1, there is shown a portion of a paperboard blank **10** or the like. A main body member **12**, representing the outline of torso and head of an animal, or the like, is defined in the paperboard blank **10** by interrupted cut lines **14**. Interruptions, designated by numeral **16**, retain the main body member **12** in the block **10**. When it is desired to remove the body member from the blank, this can be easily accomplished by pushing the member **12** out of the blank thereby breaking the interruptions **16**.

A plurality of other, or limb, members **18**, such as replicas of legs of an animal, are presented in the blank **10** by cut lines **14** interrupted by short interruptions **16**. While the interruptions **16** retain the limb members in the blank, their removal therefrom is easily accomplished by pushing the members out of the blank thereby breaking the interruptions **16**.

The main body member **12** has a plurality of arcurate or round openings **20** which form part of means connecting the limb members **18** to the main body member. Each of the limb members has a pair of tabs **22** integrally formed therewith. Each pair of the tabs **22** is hinged to the limb member adjacent each other and substantially along a line **24**. The free ends of the tabs **22** are situated remote from each other and are disposed to extend through one of the openings **20** in the main body member **12**, as best seen in FIGURE 3, to provide a rotatable connection between the main body member **12** and the other, or limb, member **18** when the same are connected to each other.

As best seen in FIGURE 4, a substantially V-shaped holder **26**, formed from paperboard or the like, is adapted to be held in the user's hand. Each of the strings **28** has one end wrapped about and secured to the holder **26** while the opposite end is connected to a desired member of the animal figure heretofore described.

By operating the holder **26** in such a way that strings **28** are pulled in a vertical direction, an animated action of the animal figure is obtained. Relative rotational movement between limb members **18** and the main body member **12** is accomplished by provision of the pair of tabs **22** in each of the limb members extending through one of the openings **20** in the main body member **12**.

We claim:

1. An animated toy device formed substantially of paperboard and comprising:

(a) a substantially flat main body member;

(b) a plurality of substantially flat limb members;

(c) means integral with said members connecting said members to each other for accommodating relative rotational movement therebetween;

(d) means for effecting relative movement between said members;

(e) said means connecting one member to another member comprising:

(i) an arcuate opening in one member;

(ii) a pair of tabs in said other member integrally formed therewith and hinged to said other member adjacent each other and having free ends remote from each other, said tabs extending through said opening in said one mem-

ber to provide a rotatable connection between said members.

2. An animated toy device as defined in claim 1, wherein said means for effecting the relative movement of said members comprises at least one string attached to a member to be manipulated by the user's hand.

3. An animated toy device formed of paperboard and comprising:

(a) a substantially flat main body member;

(b) a plurality of substantially flat limb members;

(c) means integral with said members connecting said limb members to said body member for accommodating relative rotational movement therebetween, comprising:

(i) an arcuate opening in said body member;

(ii) a pair of tabs integrally formed with each of said limb members and foldably hinged thereto adjacent each other, said tabs having free ends remote from each other, said tabs extending through said opening in said main body member.

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