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TOY

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Fig. 1.

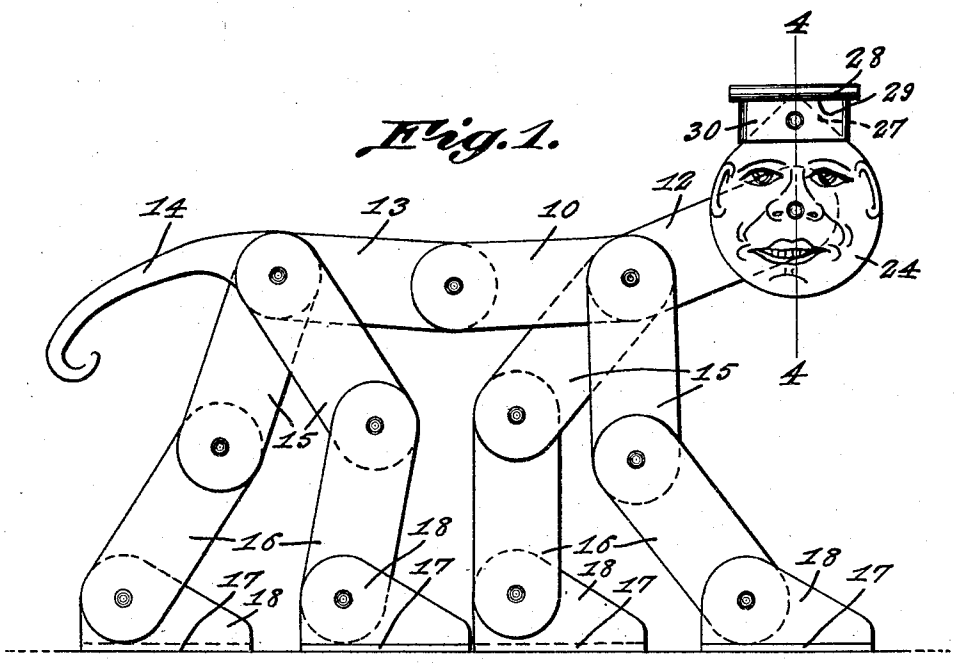


Fig. 2.

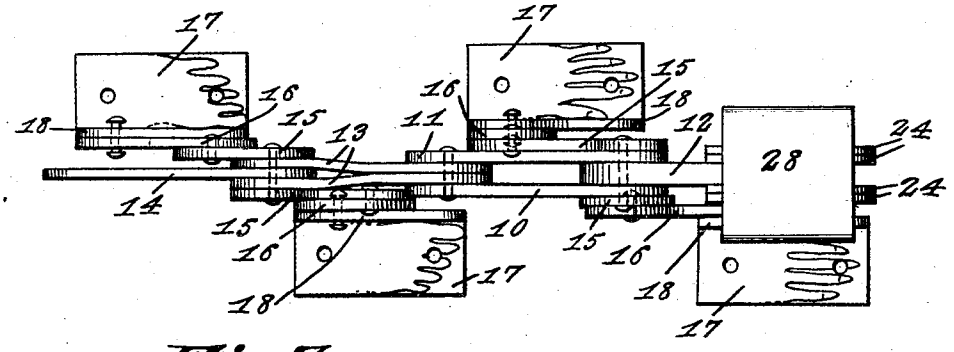


Fig. 7.

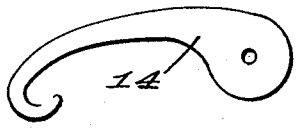
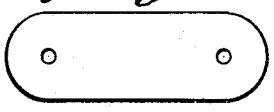


Fig. 8.



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BY Victor J. Evans

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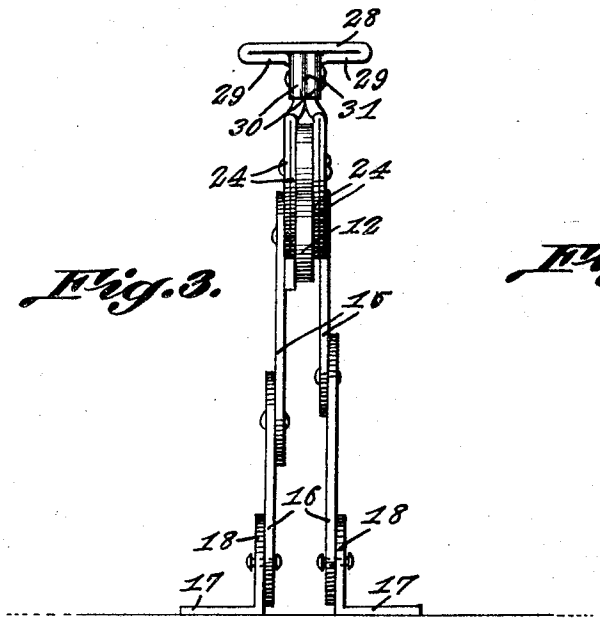


Fig. 3.

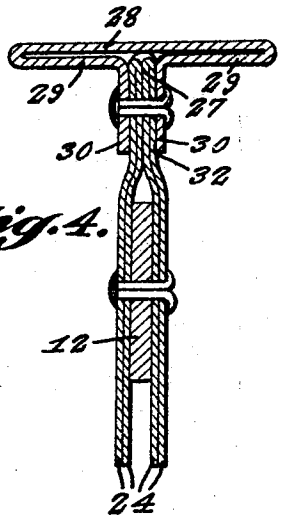
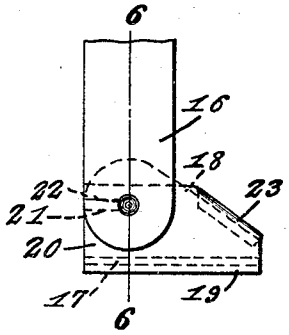


Fig. 4.

Fig. 5.



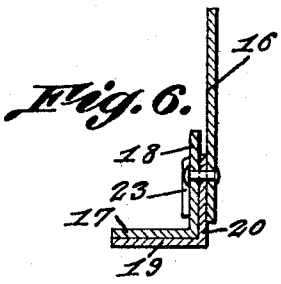


Fig. 6.

Fig. 16.



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Fig. 9.

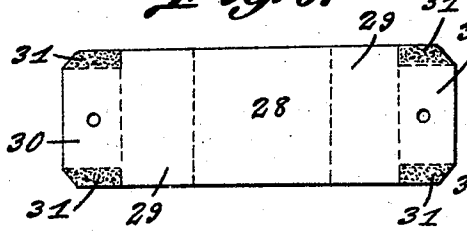


Fig. 10.

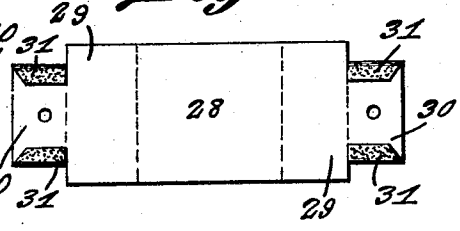


Fig. 12.

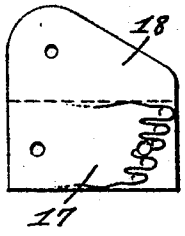


Fig. 13.

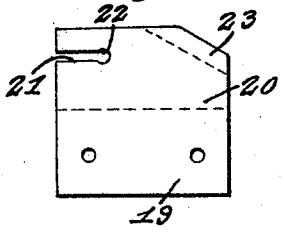


Fig. 11.

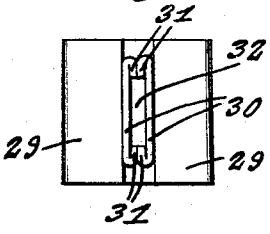


Fig. 14.

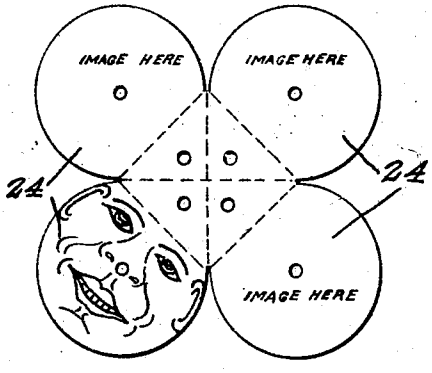
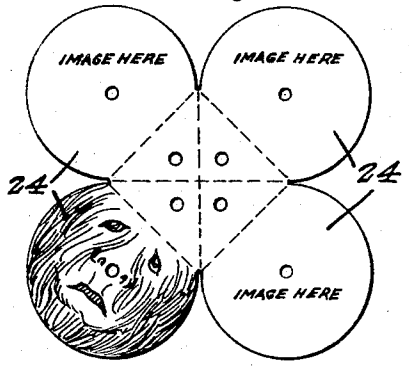


Fig. 15.



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Patented Sept. 22, 1931

1,824,677

UNITED STATES PATENT OFFICE

EDWIN GRANT MASTERS, OF LONG BEACH, CALIFORNIA

TOY

Application filed September 8, 1930. Serial No. 480,538.

This invention relates to certain new and useful improvements in figure toys and which embodies among other characteristics means for the distortion of the figure to represent the different letters of the alphabet.

Another object of the invention consists of a multiplicity of interchangeably arranged faces for the toy exhibiting two at a time.

An additional object of the invention contemplates the provision and arrangement of adjustable joints between the several sections of the toy to facilitate representation or animation of different characters and figures.

More specifically stated the toy is provided with supporting members from which the toy may be adjusted.

With the above and other objects in view, the invention further consists of the following novel features and details of construction to be hereinafter more fully described, illustrated in the accompanying drawings and pointed out in the appended claim.

In the drawings:—

Figure 1 is a side elevation of the present invention.

Figure 2 is a top plan view thereof.

Figure 3 is an end elevation of the invention.

Figure 4 is a sectional view taken on line 4—4 of Figure 1.

Figure 5 is a fragmentary side elevation of a leg member for the toy having a modified form of foot or appendage therefor.

Figure 6 is a detail sectional view taken on line 6—6 of Figure 5.

Figure 7 is an elevation of the tail for the particular form of toy.

Figure 8 is a view similar to Figure 7 of a member or section of the toy body.

Figures 9 and 10 are plan views of the cap or head covering for the toy in its primary stages of evolution.

Figure 11 is a bottom plan view of the top or head covering in completed form.

Figures 12 and 13 are illustrative of the respective sections of the modified form of foot or appendage illustrated in Figures 5 and 6.

Figures 14 and 15 are plan views taken from opposite sides of that portion of the invention from which the several faces or expressions thereof may be formed.

Figure 16 is an enlarged detail sectional view taken through one of the joint fittings and particularly illustrative of a form of fastening therefor to render the particular joint relatively stiff or to lock the entire figure against displacement from a given position.

Referring to the drawings in detail wherein like characters of reference denote corresponding parts, the reference characters 10 and 11 indicate the side sections or body of the form of figure toy having a neck section 12 interposed and swingably mounted between the foremost ends thereof. Complemental sections 13, arranged in overlapping relation and pivotally secured after the manner of the neck section 12, between the rearmost projecting ends of the sections 10 and 11, are outwardly flared adjacent their rearwardly projecting ends to swingably accommodate a tail section 14. As suggested in Figure 1 of the drawings, the sections 10, 11, 12, 13 and 14 are to be aligned to provide the main part of the particular form of figure toy, in the animation of a quadruped.

Upper and lower swingably connected leg sections 15 and 16 are arranged in pairs upon opposite sides of the main body section and preferably at the points of connection of the neck and tail sections 12 and 14. Traction or foot members 17 for the lowermost leg sections 16 are provided with attaching portions 18 swingably associated with the extremities of the sections 16 in the manner best illustrated in Figure 3 of the drawings and

wherein the fastenings are relatively loose or formed in the manner suggested in Figure 16 to provide the necessary adjustment therebetween.

Provision has also been made to strengthen or otherwise stiffen the traction or foot members 17 by the arrangement of communicating members 19 and 20 respectively arranged in overlapping relation with that of the foot members 17 and the attaching portions 18 therefor. Elongated slots 21 opening toward the rearmost edge of the member 20 and in communication at its opposite end with an enlarged opening 22 is designed to accommodate the loose fitting fastenings alluded to in the foregoing. A flap 23, foldably connected with the member 20, is bent over and about an appropriate portion of the attaching portion 18 whereby the assemblage will be complete and the figure in its entirety will be held against distortion.

With special reference to Figures 1, 14 and 15 of the drawings, it is understood that the different faces capable of being interchangeably arranged upon the neck section 12 of the figure toy body is accomplished by the arrangement of a multiplicity of disk like portions 24 formed from a single piece of material and arranged in close proximity so that the several disks may be folded one against the other along intersecting scoring lines 25 and 26 extended between the disks. If the disks were arranged four in number, it is to be noted that both sides of the disks may carry a different face or expression whereby eight changes are possible with the one form of head. It is to be noted that the disk members 24 when arranged in superimposed order will form a peaked projection 27. A cap or head covering for the toy comprises a main body section 28 and inwardly directed side flaps 29, each of which terminate to provide depending flanges 30. Tabs 31, foldably mounted upon the opposite side edges of the flanges 30, are adhesively coated for contacting engagement with the opposed tab of the complemental flange to provide a pocket 32 for the accommodation of the peaked projection 27, substantially as illustrated in Figure 4 of the drawings.

From the foregoing, it is understood that by folding the disk members in different directions along the scoring lines 25 and 26, two of the different faces will be simultaneously displayed.

The several swingably connected sections of the completed body will permit distortion of the latter to occupy any number of different positions in the representation or animation of characters, animals, letters of the alphabet and the like, either from a surface support or when suspended in space.

The invention is susceptible of various changes in its form, proportions and minor details of construction, and the right is herein reserved to make such changes as properly fall within the scope of the appended claim.

Having described the invention, what is claimed is:—

A figure toy having swingably connected body sections, a head section for the toy having interchangeably arranged foldably connected relatively flat face sections, a cap for the head section, and means for retaining a multiplicity of the face sections for simultaneous exhibition on the figure.

In testimony whereof I affix my signature.

EDWIN GRANT MASTERS.