

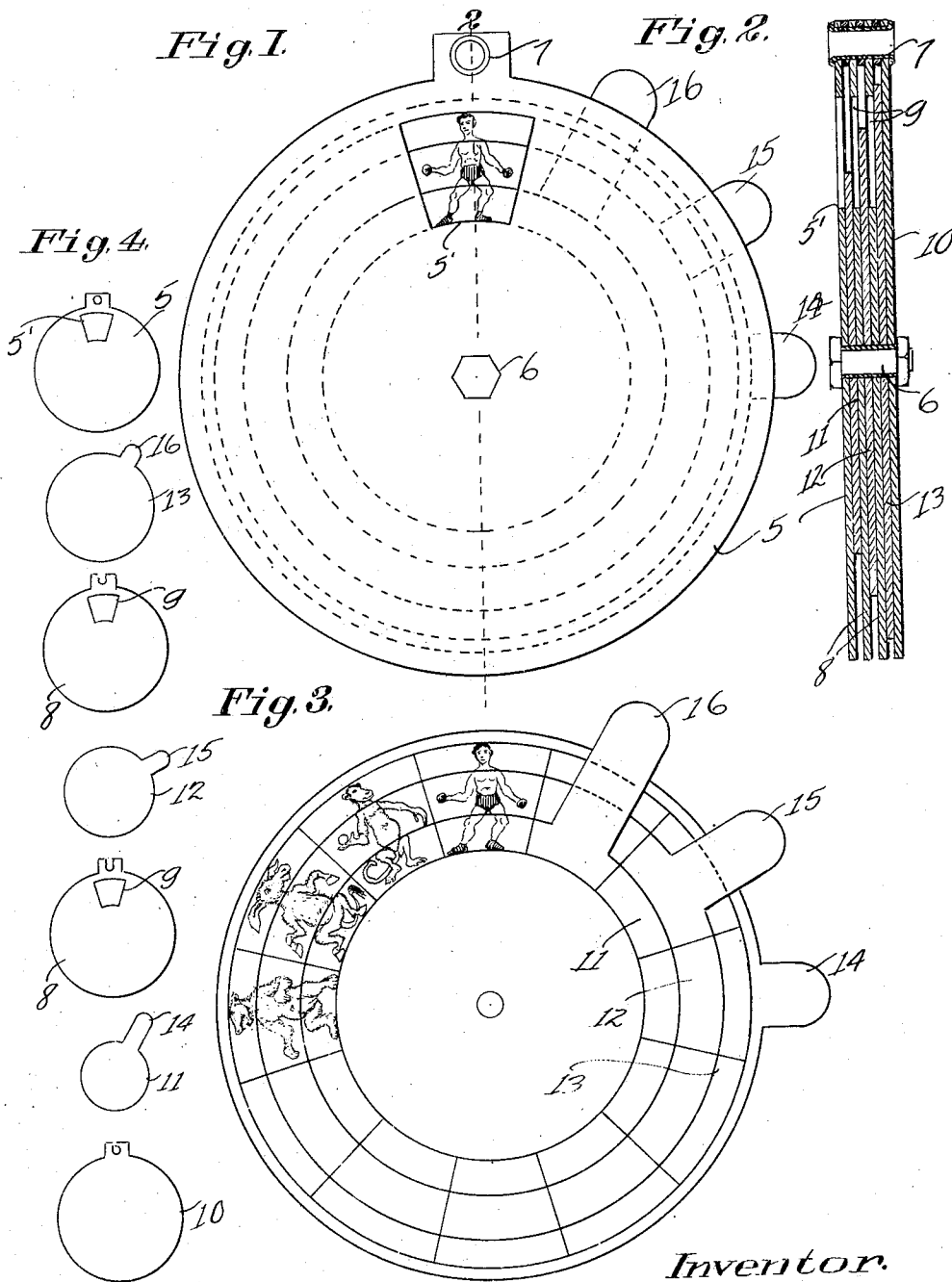
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A. K. PEARCE

TOY

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UNITED STATES PATENT OFFICE.

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TOY.

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To all whom it may concern:

Be it known that I, ANSON K. PEARCE, a citizen of the United States, residing at Gustine, in the county of Merced and State of California, have invented new and useful Improvements in Toys, of which the following is a specification.

This invention relates to improvements in toys and has particular reference to an entertaining and fascinating device adapted to be manually actuated for the purpose of presenting to view various complete figures or images, and combinations of figures for realizing amusing grotesque effects.

A further object is to employ in the device spacer discs so that the danger of any binding action during the operation of the toy will be reduced to a minimum.

An additional object of this invention is to provide a simple device which is economical in construction, positive in operation and a toy which can be easily manipulated.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification, and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is a front elevation of the toy as a whole,

Figure 2 is a transverse vertical section taken on the line 2—2 of Figure 1,

Figure 3 is a front elevation of the device, with the front, rear and spacer discs not shown, and illustrating some of the complete figures formed by portions of the rotary members, and

Figure 4 is a detail or detached view showing the various discs and rotary members employed in my device.

In its broad aspect, the invention comprises a plurality of fixed discs which have interposed therebetween a plurality of rotary members of varying diameters, each of which members has a portion of an image or figure thereon, with the rotary members adapted to be manually actuated whereby a portion of each complete figure will be disclosed through apertures formed in certain of the fixed discs.

In the accompanying drawings wherein for the purpose of illustration is shown a preferred embodiment of my invention, the

numeral 5 designates a front disc which is apertured at 5' and has connected thereto, by a bolt and nut connection 6 and an eyelet 7; two spacer discs 8 which are apertured as at 9. The bolt likewise carries thereon a rear disc 10. Interposed between the discs 5, 8 and 10, I have provided a plurality of rotary members 11, 12 and 13 equipped with handles or lugs 14, 15 and 16, respectively, which are the mediums through which the members 11, 12 and 13 are rotated about the axis of the bolt. These discs, as well as the rotary members are preferably made of cardboard.

As disclosed to advantage in Figure 3, it will be noted that I propose to divide the rotary members into a number of sections with the sections formed adjacent the outer periphery of the members and each section having displayed therein a portion of the anatomy of a man, animal or the like. The sections as here shown are twelve in number although it is to be understood that any number of sections can be used corresponding to the varying diameters of the rotary discs.

In practice, the rotary members, through the medium of the lugs, are rotated so that a portion of a figure will be caused to be disposed through the aperture 5 of the front disc as well as through the aperture 9 of the spacer discs, until either a complete figure has been displayed, as shown to advantage in Figure 1, or a number of grotesque images presented to view, each grotesque effect being produced according to the manipulation of the rotary members through the manual actuation of their respective lugs.

By employing a bolt and nut connection in the center of the disc any extra number of rotary members, having different pictures thereon, can be inserted between the front and rear discs thus affording a greater variety of picture combinations. The extra rotary members employed may also have pictures or images displayed on both sides thereof.

From the foregoing description taken in connection with the accompanying drawing, it will be apparent that I have devised a novel toy whereby complete pictures can be readily disclosed or grotesque combinations presented to view.

It is to be understood that the form of

my invention herewith shown and described is to be taken as a preferred example of the same, and that various changes in the shape, size and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claim.

Having thus described my invention, I claim:—

10 As a new article of manufacture, a toy comprising a front apertured disc, a rear disc, a plurality of spacer discs having registering openings therein, a plurality of ro-

tary members of varying diameters interposed between said front and rear discs and 15 each having characters formed thereon in such a manner as to form a composite picture when said rotary members are moved so as to bring the characters into radial alignment with the apertures of the front 20 disc, means connecting said discs and members, and means for manually actuating said rotary members.

In testimony whereof I affix my signature.

ANSON K. PEARCE.