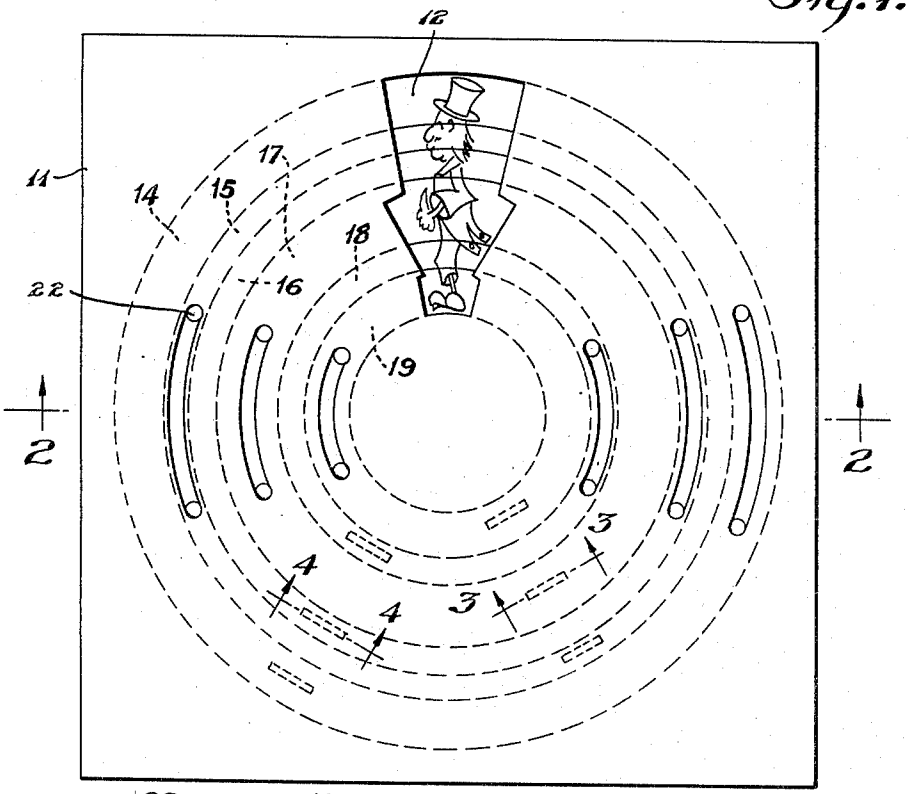
Aug. 29, 1950 J. M. TALCOTT 2,520,347

CARTOON TOY

Filed Aug. 26, 1946

Fig. 1.



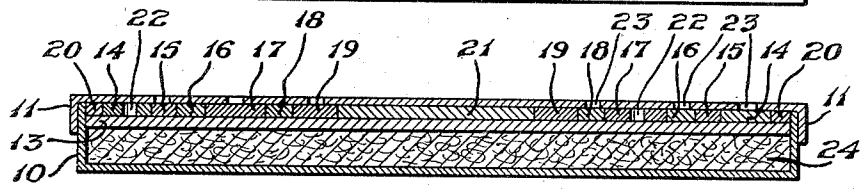


Fig. 2.

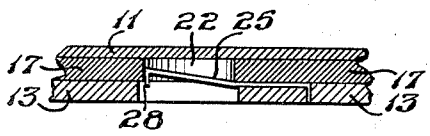


Fig. 3.

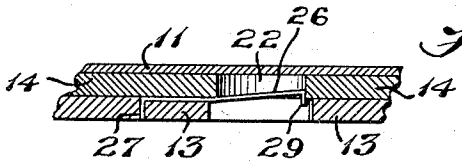


Fig. 4.

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CARTOON TOY

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4 Claims. (Cl. 46—36)

1

This invention relates to improvements in toys.

An object of the invention is to provide an improved toy consisting of a cover in which there is a sight opening and beneath which there is a series of independently revoluble discs each of which has displayed thereon a series of portions of differing pictorial representations. These portions of pictorial representations may be positioned in registration with the sight opening so as to be visible therethrough and by assembling together in the sight opening the portions of the representations on the various discs a large number of varying combinations may be obtained so that various completed pictorial representations made up of the various portions may be observed through the sight opening.

More specifically, an object of the invention is to provide a construction wherein the revoluble discs are continuously but yieldably urged against the underside of the cover so that once they have been set they will be frictionally held in adjusted position.

A further object of the invention is to provide a construction wherein alternate discs may be rotated in one direction but not in the opposite direction and intermediate discs may be rotated in the opposite direction but not in the first-mentioned direction. In this way, the rotation of alternate discs in their permitted direction does not cause the intermediate discs to be turned sympathetically therewith.

With the foregoing and other objects in view, which will be made manifest in the following detailed description and specifically pointed out in the appended claims, reference is had to the accompanying drawings for an illustrative embodiment of the invention, wherein:

Figure 1 is a top plan view of the improved toy;

Fig. 2 is a vertical section taken substantially upon the line 2—2 upon Fig. 1; and

Figs. 3 and 4 are partial views in vertical section taken substantially upon the lines 3—3 and 4—4 upon Fig. 1 in the direction indicated

Referring to the accompanying drawings wherein similar reference characters designate similar parts throughout, the improved toy in its preferred form of construction consists of a box 10 having secured thereto a cover 11 in which there is formed a radially arranged sight opening 12. Below the cover there is a panel or partition 13 and between the cover and this partition there is a series of annular discs.

2

These discs may vary in number but for purposes of illustration six are illustrated as indicated at 14, 15, 16, 17, 18, and 19. The outer disc 14 fits within a circular hole formed in an outer panel or disc 20 and the inner disc 19 is rotatable about a stationary central circular disc 21. The marginal edges of the outer disc 20 may fit the interior of the cover so as to be held against rotation relatively thereto and the inner disc 21 may be secured to either the cover 11 or to the panel or disc 13 so as to be held against rotation. The various discs 14, 15, 16, 17, 18, and 19 each have portions of pictorial representations thereon. Thus, the disc 14 may have the head and head gear of a cartoon or comic character. The portions of the disc 15 may have the eyes and nose of various comic characters. The disc 16 may have portrayed thereon the chin and neck portions of various characters. Similarly, the discs 17, 18, and 19 may have portrayed thereon the torso, legs, and feet of various characters. By rotating the discs independently of each other various combinations may be made of the portions of the pictorial representations displayed thereon. These various portions may be assembled together and viewed through the sight opening 12. As a means of rotating the discs the discs are provided with apertures or recesses 22 into which a pencil or other implement may be inserted to enable the discs to be moved beneath the cover. The cover 11 has slots 23 formed therein over the various discs each slot being arranged to expose therethrough the apertures 22 of its respective disc. Thus, if a pencil or other implement is inserted in the upper aperture 22 of the disc 14 as viewed in Fig. 1, and is brought downwardly until the pencil engages the lower end of the slot 23 this will serve to move the disc 15 in a counterclockwise direction and position the succeeding portion of the eyes and nose of another character opposite the sight opening 12. In a similar manner if a pencil or similar implement is positioned in the uppermost aperture 22 of the ring 18 through its slot 23 as viewed in Fig. 1, and is brought downwardly until the pencil engages the lower end of the slot this will move the ring of the disc 18 in a clockwise direction and position a succeeding pictorial representation of the legs of another character opposite the sight opening 12. All of the various discs or rings may be manipulated in this manner to make various combinations of various portions of the character that are thus assembled and

are viewed through the sight opening. The number of different possible combinations depends upon the number of different portions of pictorial representations that are applied to each disc. Each portion, however, is so arranged on the disc that when its aperture **22** is opposite the end of its slot **23** the portion of the representation will fit or align with any of the properly positioned portions of the adjoining disc so that regardless of the assembly or combination the various parts will properly fit together to make a complete character visible through the sight opening.

The space between the partition or panel **13** and the bottom of the box is preferably filled with excelsior or crushed paper indicated at **24** which functions as a spring continuously urging the panel **13** upwardly to press the discs or rings against the underside of the cover and thus cause them to be frictionally held in any adjusted position.

At suitable localities on the panel or partition **13** so as to be concealed by the cover **11** there are secured leaf springs **25** and **26**. These springs may be anchored as at **27** to the panel **13** and are biased to spring upwardly into the apertures **22**. The springs **25** have their ends **28** bent downwardly in one direction and the downwardly bent ends **29** on the springs **26** face in the opposite direction. The springs **25** are positioned so as to be engageable with alternate rings or discs and the springs **26** are arranged to engage with the intermediate rings or discs. Thus, the springs **25** will readily permit the discs **15**, **17**, and **19** to rotate in a clockwise direction but prevent rotation of these discs in a counterclockwise direction. Conversely, the spring **26** permits the rings or discs **14**, **16**, and **18** to rotate in a counterclockwise direction but prevents these discs from being rotated in a clockwise direction. Consequently, alternate discs may be rotated in one direction only and intermediate discs may be rotated in the opposite direction only. By this arrangement adjustment or rotation of any disc in its permitted direction will not cause the adjoining discs to rotate sympathetically therewith. The setting of the adjoining discs thus remains undisturbed during the adjustment of any disc.

From the above-described construction it will be appreciated that the improved toy is of relatively simple and durable construction and may be easily and economically manufactured. When used such a large number of various combinations is permissible that an indefinite amount of enjoyment may be secured from the various assemblies possible from the various permutations.

Various changes may be made in the details of construction without departing from the spirit and scope of the invention as defined by the appended claims.

I claim:

1. A device of the class described comprising a cover having a sight opening therein, a plurality of concentric discs arranged in the same plane rotatable beneath the cover each having portions of pictorial representations thereon adapted to be assembled beneath the sight opening, and means yieldably urging each of said discs against the underside of the cover so as to be frictionally held thereby in set position.

2. A device of the class described comprising a cover having a sight opening therein, a plurality of concentric discs rotatable beneath the cover each having portions of pictorial representations thereon adapted to be assembled beneath the sight opening, and means restricting alternate discs to continued rotation in one direction, and means restricting discs between said alternate discs to continued rotation in the opposite direction.

3. A device of the class described comprising a cover having a sight opening therein, a plurality of concentric discs rotatable beneath the cover, each disc having portions of pictorial representations thereon adapted to be assembled beneath the sight opening, said discs having apertures therein by which they may be rotated, said cover having slots exposing said apertures and leaf springs engageable with the undersides of the discs and biased to spring into said apertures.

4. A device of the class described comprising a cover having a sight opening therein, a plurality of concentric discs rotatable beneath the cover, each disc having portions of pictorial representations thereon adapted to be assembled beneath the sight opening, said discs having apertures therein by which they may be rotated, said cover having slots exposing said apertures and leaf springs engageable with the undersides of the discs and biased to spring into said apertures, said springs being so arranged as to prevent continued rotation of alternate discs in one direction and prevent continued rotation of discs between said alternate discs in the opposite direction.

JAMES M. TALCOTT.

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