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B. SENECOFF

2,302,148

MOVABLE EYE-MOUNTINGS FOR TOYS

Filed Aug. 8, 1942

FIG. 1

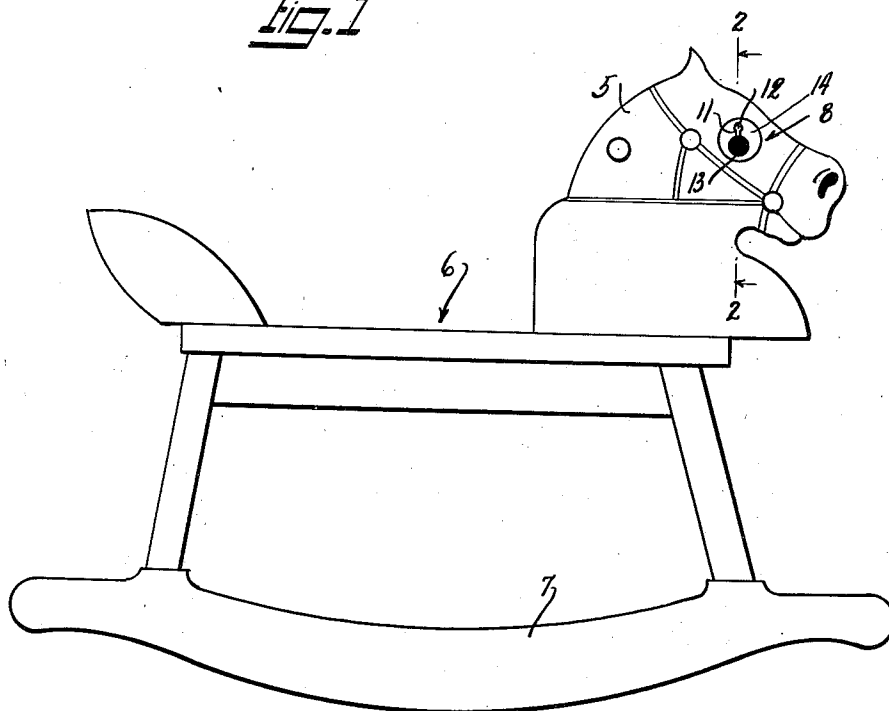


FIG. 2

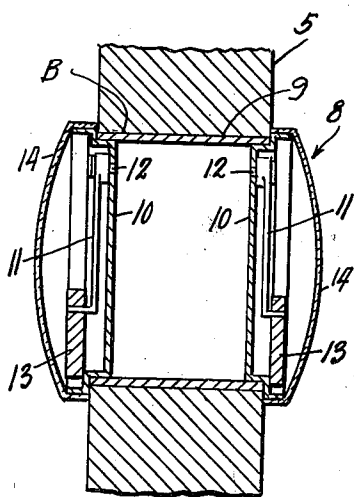


FIG. 3

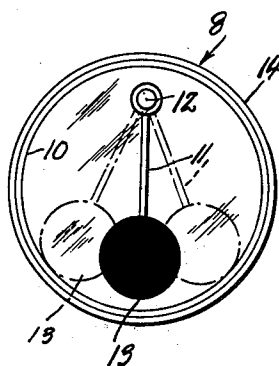
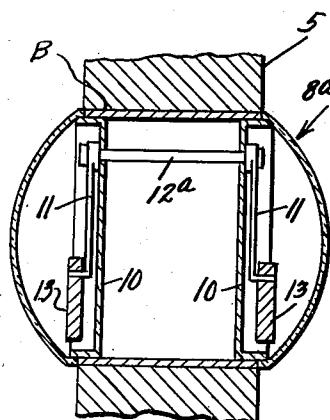


FIG. 4



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MOVABLE EYE-MOUNTING FOR TOYS

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3 Claims. (Cl. 46—165)

This invention relates to the eye construction of toy figures, said eye construction being especially adaptable for use with rocking toys.

One object of the invention is the provision of such an eye construction having a disk in simulation of a pupil, which is pivotally mounted in a casing and adapted to swing to and fro with the rocking of the toy so as to impart animation to the eye.

Another object of the invention is the provision of an eye construction of this character, said construction comprising a tubular member adapted to be inserted into a bore in the head of the toy figure, said tubular member carrying a pair of casings, one at each end thereof, in which casings there is pivotally mounted a colored disk in simulation of a pupil adapted to swing to and fro when the toy figure is rocked.

A further object of the invention is to provide such an eye construction in which both pupil simulating disks will swing in unison when the toy figure with which they are associated is rocked.

A still further object of the invention is the provision of an eye construction of the nature referred to which may be readily applied to any suitable toy figure.

Another object is to produce a device of the character described in which the maximum simplicity of construction and operation is secured.

Other objects and advantages will appear as the nature of the improvements is better understood, the invention consisting substantially in the novel arrangement and co-relation of parts herein fully described and illustrated in the accompanying drawing, wherein similar reference characters are used to describe corresponding parts throughout the several views, and then finally pointed out and specifically defined and indicated in the appended claims.

The disclosure made the basis of exemplifying the present inventive concept suggests a practical embodiment thereof, but the invention is not to be restricted to the exact details of this disclosure, and the latter, therefore, is to be understood from an illustrative, rather than a restrictive standpoint.

In the accompanying drawing—

Figure 1 is a side view of a rocking horse provided with an eye construction in accordance with my invention;

Figure 2 is a fragmental sectional view at an enlarged scale taken on line 2—2 Fig. 1;

Figure 3 is a front view of the eye; and

Figure 4 is a view similar to Figure 2 of a modified form of my invention.

Referring now to Figures 1 to 3 of the drawing in detail, 5 indicates the head of a rocking horse 6 provided with a pair of rockers 7 only one of which is shown in Figure 1 as the said view is a side elevation. Carried in the said head is an eye construction or unit 8, said unit preferably comprising a tubular member or sleeve 9 which is frictionally or otherwise securely maintained in a bore B in the said head. Snugly fitting into each end of the sleeve 9 is a casing or housing 10 made of any suitable material, preferably thin sheet metal. An arm 11 is pivotally mounted at 12 in each of the housings 10 said arms each carrying a pupil simulating disk 13 which may be black or any other suitable color. The open end of each housing is closed with a transparent cover or cap 14 so that the pupils or disks 13 are clearly visible therethrough.

It will be seen that as the rocking horse is rocked, the pupil simulating disks 13 will swing to and fro upon their pivots 12 thus imparting a rolling effect to the eyes of the toy figure. While I have shown my invention as applied to a rocking horse, it is to be understood that the same is just as applicable to any other toy figure.

In Figure 4 I have shown a modified form of my invention wherein the disk supporting arms 11 are mounted on a common pivot pin 12a pivotally supported in the housings 10. In this form of my invention the entire eye unit 8a is first assembled and then inserted into the bore B of the head 5. Due to this construction both pupil simulating disks will swing in unison with the rocking of the toy figure with which they are associated.

While I have shown the eyes protruding from the head in both forms of the invention, it is to be understood that the same may be made flush with the sides of the head if so desired without departing from the scope of the appended claims.

Having described my invention what I claim as new and desire to secure by Letters Patent is:

1. In a toy figure having a bore extending laterally through the head thereof, a sleeve in the said bore, a housing at each end of the sleeve, the housings being exposed at opposite sides of the head having transparent outer walls, an arm in each of the said housings, pivotally mounted at its upper end for swinging movement, and a pupil-simulating disk supported at the free lower end of each of the said arms so as to

receive a swinging movement within the housing when the toy figure is rocked.

2. In a toy figure having a bore extending laterally through the head thereof, a sleeve in the said bore, housings at ends of the sleeve exposed at opposite sides of the head, a pin pivotally supported in the said housings, and extending longitudinally through the sleeve, an arm secured to each end of the said pin, and depending therefrom within the housings, a pupil-simulating disk at the free lower end of each of

the arms so as to receive a swinging movement when the toy figure is rocked.

3. In a toy figure having a bore extending laterally through the head thereof, a sleeve in the said bore, a housing at each end of the sleeve, exposed at opposite sides of the head, and a pupil-simulating disk freely movable within the housing and adapted to be moved to and fro when the toy figure is rocked.

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