

May 3, 1938.

A. A. GERLING
DOLL EYE CONSTRUCTION

2,116,346

Filed May 8, 1937

FIG. 1

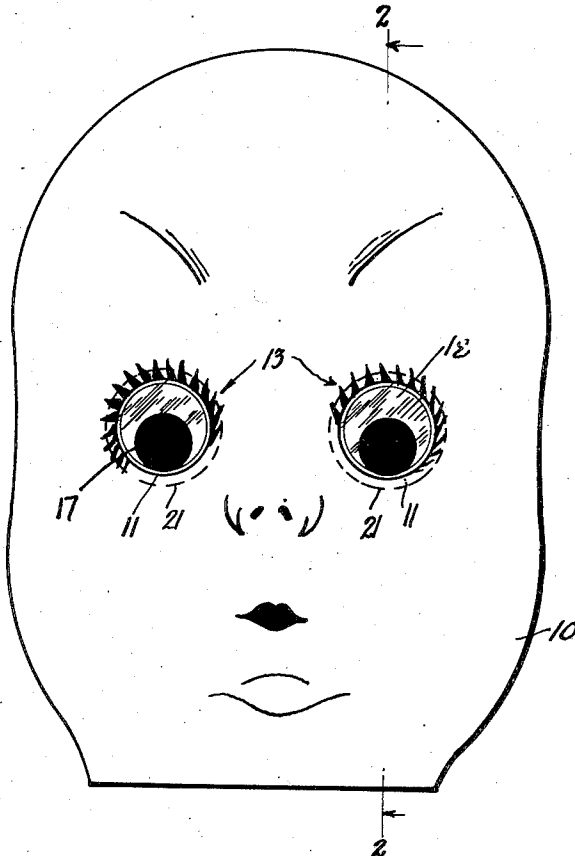


FIG. 2

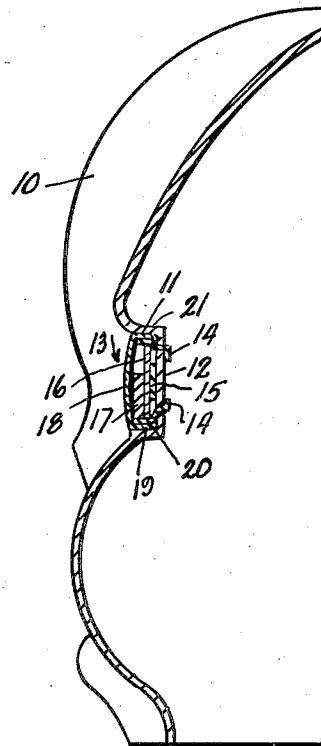


FIG. 3

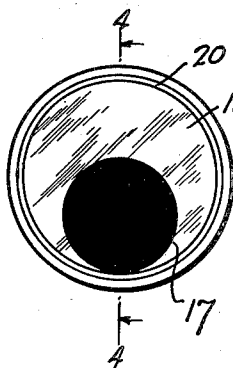


FIG. 4

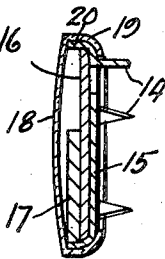
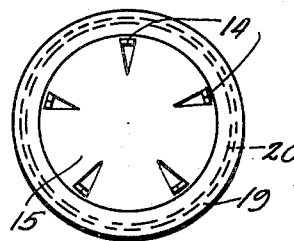


FIG. 5



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2,116,346

DOLL EYE CONSTRUCTION

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Application May 8, 1937, Serial No. 141,398

1 Claim. (Cl. 46—167)

This invention relates to eye constructions for dolls and the like and to the means for mounting and maintaining the said eyes in place.

One object of the invention is the provision of 5 movable doll eyes having pointed tines or prongs thereon by which they may be secured in place on the doll head.

Another object of the invention is the provision of a doll's eye comprising an inner shell 10 preferably made of metal and provided with securing prongs, a transparent outer shell covering the inner shell and a movable pupil simulating disk contained between the outer and inner shells.

15 A further object of the invention is the provision of depressions in the doll's head for the reception of the doll eyes, so that it will be impossible to pull the eyes out of the head after they are once secured in place.

20 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 25 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 30 characters are used to describe corresponding parts throughout the several views, and then finally pointed out and specifically defined and indicated in the appended claim.

35 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.

40 The inventive idea involved is capable of receiving a variety of mechanical expressions, one of which, for the purpose of illustration, is shown in the accompanying drawing, in which—

45 Figure 1 is a front view of a doll's head showing my improved eye construction applied thereto.

Fig. 2 is a sectional view taken on line 2—2 Fig. 1;

50 Fig. 3 is a front elevation of my improved doll's eye;

Fig. 4 is a sectional view thereof taken on line 4—4 Fig. 3; and

Fig. 5 is a rear view thereof.

55 Referring now to the drawing in detail 10 indicates a doll head preferably of the type used in connection with stuffed fabric dolls or other animal toys, the said head being provided with a pair of doll eye receiving sockets or depressions

11, the said depressions or sockets being preferably cylindrical and are provided with inner walls 12. Eyes 13 are snugly fitted into the depressions 11 and are held in place by means of 5 tines or prongs 14 on the said eyes, said prongs penetrating through the inner walls 12 of the said depressions.

Each eye 13 preferably comprises a metallic cup-like shell 15 from which the prongs 14 are 10 struck. Contained within the shell 15 is a white stationary backing disk 16 and a movable black disk 17. If desirable the white backing 16 may be omitted and the interior of the shell may be painted white. The shell 15 is closed by means 15 of a transparent outer shell 18 provided with a peripheral flange 19 which is adapted to be sprung over the outer peripheral wall 20 of the shell 15.

By referring to Fig. 2 of the drawing it will be 20 seen that the eye reception sockets or depressions 11 provide means for protecting the eyes 13 from being pulled out of place by the child after they are once secured in place, as the peripheral walls 21 of the said depressions encircle 25 the outer peripheral flanges 19 of the outer transparent eye shell 18 and the child cannot take hold of the eye.

From the foregoing it will be seen that I have 30 provided a simple eye construction adapted to replace or be substituted for the costly hand painted immovable eyes, painted directly on the doll head. It will further be seen that I have provided eye receiving depressions in which the 35 eyes are so located and maintained as to make it practically impossible for anyone to pull the eyes out of place after they are secured in place.

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

40 A doll head having a portion pressed inwardly to form an eye socket provided with an inner wall and a peripheral wall, and an eye fitting snugly within said socket and comprising an inner cup-shaped shell, a transparent outer cup-shaped shell having its peripheral walls directed 45 inwardly and fitting tightly about the peripheral walls of the inner shell with their marginal portions crimped inwardly into clinching engagement with the inner shell, prongs struck from 50 said inner shell and passed through the inner wall of said socket and bent into clinching engagement with the inner face thereof to secure the eye within said socket, and a disk of appreciably smaller diameter than the shells disposed 55 loosely between the shells and freely movable circumferentially of the shells.

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