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I. E. COHN

TOY WITH VOICE AND MOVABLE FEATURES

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Fig. 1.

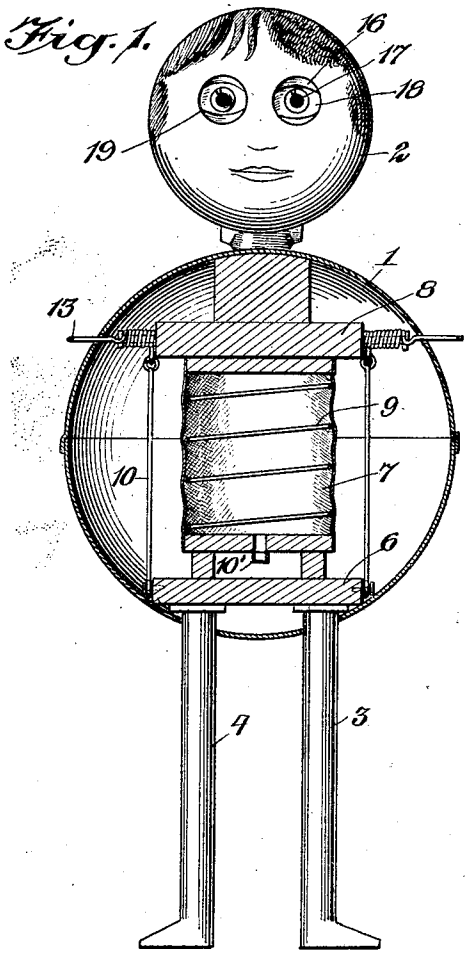
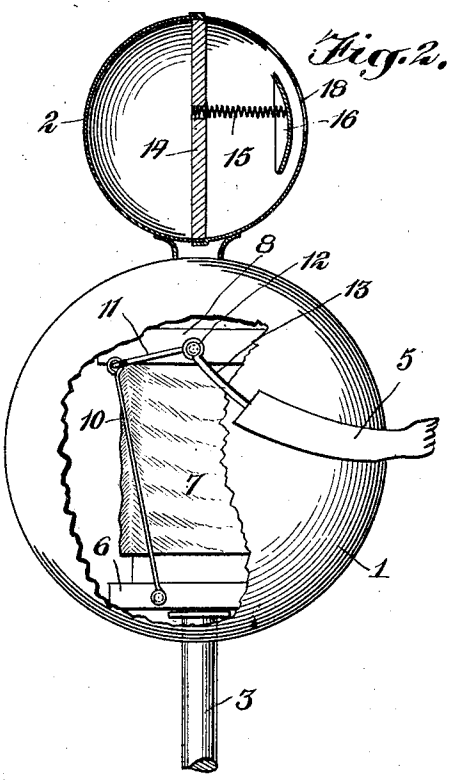


Fig. 2.



WITNESSES

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TOY WITH VOICE AND MOVABLE FEATURES.

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To all whom it may concern:

Be it known that I, IRWIN E. COHN, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Toy with Voice and Movable Features, of which the following is a full, clear, and exact description.

This invention relates to a toy, and particularly one that is provided with a voice and with movable limbs and features, the movement of which provides a distinctive attraction for children.

The invention is illustrated in the drawings, of which—

Figure 1 is a section through the preferred form of the invention showing the connection between a sound-producing means within the body and the limbs of the toy;

Figure 2 is a section showing the means whereby the features, such as the eyes, are caused to move, the body portion being broken away to show another view of the connection between the sound-producing device and the movable limbs.

The forms of the invention shown in the drawings are preferred forms, although it is understood that modifications in the construction and arrangement of the parts and in the character of the materials used may be adopted without departing from the spirit of the invention as set forth in the appended claims.

In its general aspect the invention concerns the provision of a toy in the form of a doll having a head and body portion and projecting limb portions, which are preferably movable. Within the body portion a sound-producing device is disposed and connected to certain of the limb portions, such as the legs, whereby the movement of the legs will cause the sound-producing device to operate. Connections are provided between the sound-producing device and the other limb portions, such as the arms, so that when the sound-producing device is moved the arms will be moved also to provide a further attraction for the child. Within the head portion of the figure certain features, such as the eyes are preferably resiliently mounted so that whenever the body portion is moved directly or incidentally by the operation of the sound-producing device the features will be caused to move to further enhance the attractiveness of the toy for the child.

The preferred form of the invention as shown in the drawings comprises a doll having a hollow body portion 1 and a hollow head portion 2. Projecting from the body portion are legs 3 and 4 and a pair of arms, one of which is shown and designated by the numeral 5, Fig. 2. The legs are preferably connected to a base plate 6 forming part of a sound-producing device. This sound-producing device essentially includes a bellows 7 which is connected between the base plate 6 and a fixed plate 8. The bellows is held extended by a spring 9 which is provided with an air outlet 10, the expulsion of air through which aperture causes a sound which in most cases simulates a voice.

As shown in Fig. 2 the movable base plate 6 is provided with a link 10 which connects in turn to an arm 11 of a bell crank lever pivoted at 12 on a fixed plate 8, the other arm 13 of the lever being connected to the arm 5 of the figure. It is understood that a similar linkage is provided between the plate 6 and the other arm of the figure so that whenever the plate 6 is moved to operate the sound-producing device both of the arms 5 will be actuated to attract the child.

In the hollow head portion I preferably provide a partition or supporting plate 14 to which one end of a spring 15 is connected, the other end of the spring being connected to a curved plate or support 16 on which a produced representations of eyes 17, the eyes being disposed back of apertures such as 18 and 19 in the head.

It is obvious, therefore, that whenever legs are manipulated to produce a sound arms 5 are moved and the movement dental to the operaton of the sound-producing device will cause a sufficient movement the body to produce a vibration of the port 16 in the head for the features, such the eyes, whereby this additional vibration will enhance the attraction of the toy child. The fact that the spring 15 siderably resilient will cause the move upon the slightest movement toy, whether such movement is direct sultant of the movement of the sound ducing device or merely resultant movement of the toy as a whole.

It is, therefore, obvious that I vided a simple, efficient and dec

tractive toy for children, preferably in the form of a doll's head and body provided with movable limbs and features in such manner that the movement of certain of the limbs will cause the movement of the others, and the movement of the body incidental to this action will result in the vibration of certain of the features, giving the combination of movement in conjunction with the production of sound simulating a voice, which makes the toy exceedingly attractive.

What I claim is:—

1. A hollow figure toy composed of rigid members telescopically interfitted for relative sliding movement, one of the rigid members being provided with a base adapted to rest upon a support and forming a supporting means for the other member, a pneumatic sound producing device in one of the movable members and in operative relation with the other rigid member, a resilient means for maintaining the second mentioned telescoping member in a normal upward position from the base member, the second mentioned movable member being depressible on the base member whereby one member slides into the other member to cause actuation of the sound producing device against the action of the resilient means.

2. A hollow figure toy comprising a rigid hollow body and an expansible pneumatic sound producing device connected to and located within the hollow body, a pair of rigid members simulating legs and forming a base to support the hollow body and rigid members being telescopically interfitted for relative sliding movement, said legs being connected to the sound producing device, the hollow body being depressible onto the legs for forcing the legs into the hollow body to actuate the sound producing device, and a spring for forcing the body upwardly from the base.

3. A hollow figure toy having a rigid body portion and a lower supporting member simulating a pair of legs and interfitted with the body portion for sliding movement into the body portion whereby when the body portion is depressed upon the legs the figure will assume a squatting position, said supporting member forming a base, a resilient pneumatic sound producing device located in the body portion and connected at its opposite ends with the body portion and the legs and operable upon relative movements of the body and the legs.

IRWIN E. COHN.