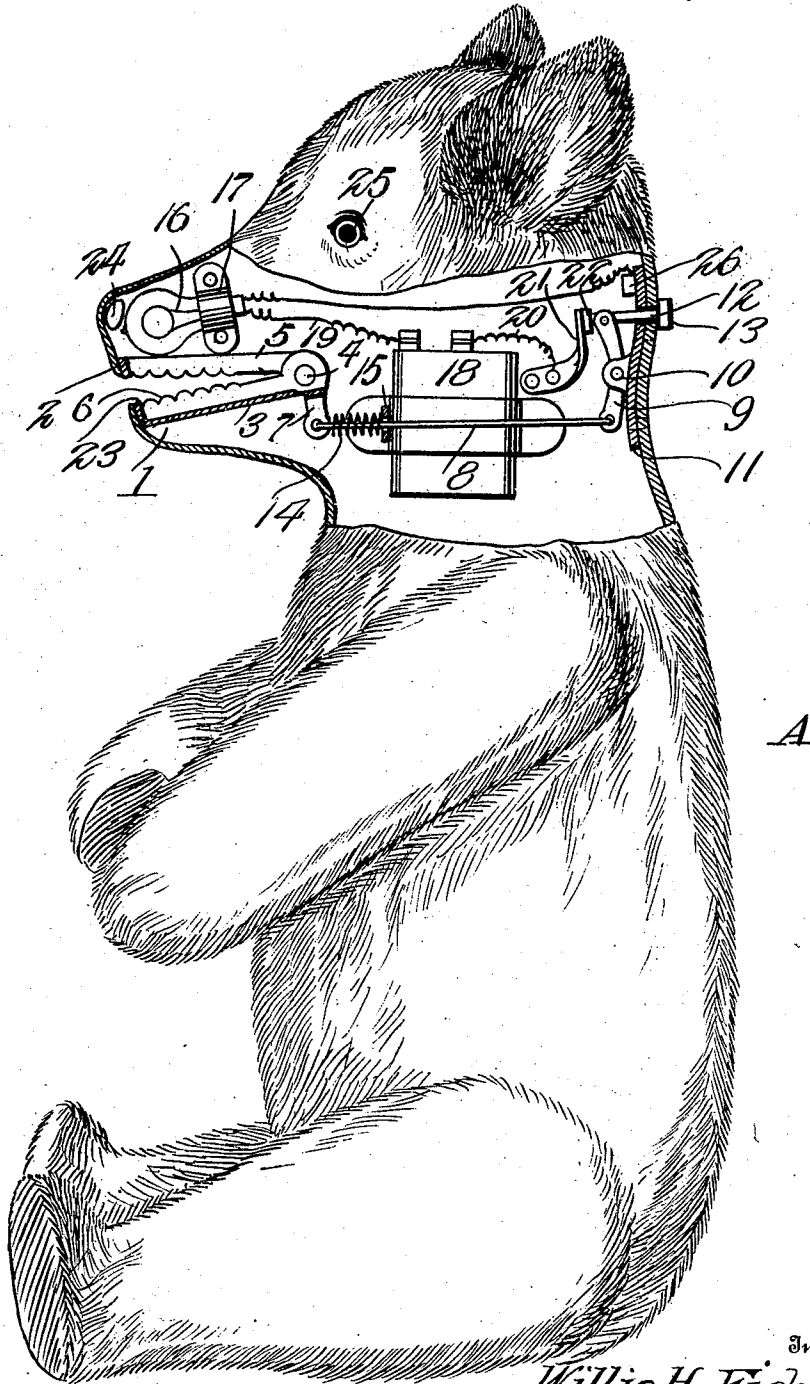


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FIGURE TOY.  
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928,744.

Patented July 20, 1909.



Witnesses  
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# UNITED STATES PATENT OFFICE.

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## FIGURE TOY.

No. 928,744.

Specification of Letters Patent.

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*To all whom it may concern:*

Be it known that I, WILLIS H. FISHER, a citizen of the United States, residing at Baltimore city and State of Maryland, have invented new and useful Improvements in Figure Toys, of which the following is a specification.

This invention relates to dolls, toy bears, or other figure toys provided with illuminating means whereby rays of light are emitted through the eyes, mouth and nostrils.

The invention has for one of its objects to provide a comparatively simple, durable and inexpensive toy of this character which can be easily manipulated by a child and designed to afford considerable amusement.

A further object of the invention is the provision of a figure toy containing mechanism for opening the mouth by pressing a button or the like and at the same time producing a light within the head for illuminating the mouth, eyes and nostrils, thereby giving a weird effect to the toy.

With these objects in view and others, as will appear as the description proceeds, the invention comprises the various novel features of construction and arrangement of parts which will be more fully described hereinafter and set forth with particularity in the claims appended hereto.

In the accompanying drawing, which illustrates one of the embodiments of the invention, the figure represents a side view of a toy bear with a portion of the neck and head broken away to illustrate the lighting means and mouth-opening mechanism.

While I have elected to illustrate the invention as applied to the now popular toy bear, it is to be understood that it can be used in connection with dolls and other figures representing animals or reptiles.

Referring to the drawing, A designates the toy bear which is of the usual construction and formed with a hollow head and neck made of papier mâché or the like for receiving the lighting means and mouth-operating mechanism.

The jaws 1 and 2 are so designed that the mouth can be opened, and for this purpose, the jaw 1 is provided with a frame 3 pivoted at 4 on the frame 5 of the other jaw, the frames being shaped to represent teeth 6. On the frame 3 is a depending arm 7 to which is connected a link 8. This link is hingedly connected with a lever 9 fulcrumed

at 10 on a plate 11, and attached to the lever is a push-rod 12 extending out of the body of the figure at any suitable point and provided with a button which may be covered or not, as desired, and by which the movable jaw can be actuated. On the link 8 is a helical compression spring 14 which bears at one end on the arm 7 and at the other end on the abutment 15, whereby the jaws are held closed.

Arranged within the head is an incandescent lamp 16 secured in place by a bracket 17 and supplied with current by a battery 18 suitably arranged within the body of the toy. The battery is connected with the lamp by the wires 19 and 20 and in the wire 20 is a switch for controlling the circuit. This switch comprises a contact 21 with which is adapted to engage a contact 22 on the inner end of the push-rod 12, the contact 21 being a spring so that as the rod is pushed inwardly, the lamp will be lighted and the jaws opened.

The mouth is preferably covered by a suitably colored transparent lining of rubber or other flexible material 23 and the nostril openings 24 may also be covered by such material. The eyes 25 are preferably of glass or other transparent material, so that light from the lamp may be emitted through the eyes.

The push-button is represented as fully pressed in, so that the mouth is opened and the lamp lighted. The current passes from the battery through the wire 19, lamp 16, wire 20, to the binding post 26, plate 11, lever 9, rod 12, contacts 22 and 21, and thence to the battery. When the child releases the push-button, the parts return to normal position, so that the circuit will be automatically opened and the mouth closed.

From the foregoing description, taken in connection with the accompanying drawing, the advantages of the construction and of the method of operation will be readily apparent to those skilled in the art to which the invention appertains, and while I have described the principle of operation of the invention, together with the device which I now consider to be the best embodiment thereof, I desire to have it understood that the device shown is merely illustrative, and that such changes may be made when desired as are within the scope of the claims appended hereto.

Having thus described the invention, what I claim is:—

1. A figure toy provided with relatively movable jaws, a mechanism for opening the jaws, a lighting device arranged in the head of the toy to emit rays through the mouth, eyes and nostrils; a circuit for the lighting device, and means for closing the circuit to light the said device as the mouth opens.
2. In a figure toy, the combination of means for illuminating the mouth, eyes and nostril openings; with a mechanism for opening the mouth; and a common actuator for the means and mechanism.
3. In a figure toy, the combination of an electric circuit including a lamp for illuminating the toy, a mechanism for actuating a member of the toy, and a push-button controlling the circuit and mechanism.
4. In a figure toy, the combination of an

electric circuit including a lamp for illuminating the toy, a switch comprising relatively-movable contacts, means for actuating the switch, and a mouth-opening mechanism controlled by the said means.

5. In a toy, means for illuminating the same, a mouth-opening mechanism, a common actuator for the means and mechanism, said mechanism comprising a lever connected with the actuator, a link connected with the lever and movable jaw of the mouth, and a spring acting on the link for holding the mouth closed.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIS H. FISHER.

Witnesses:

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EDITH M. FOSLER.