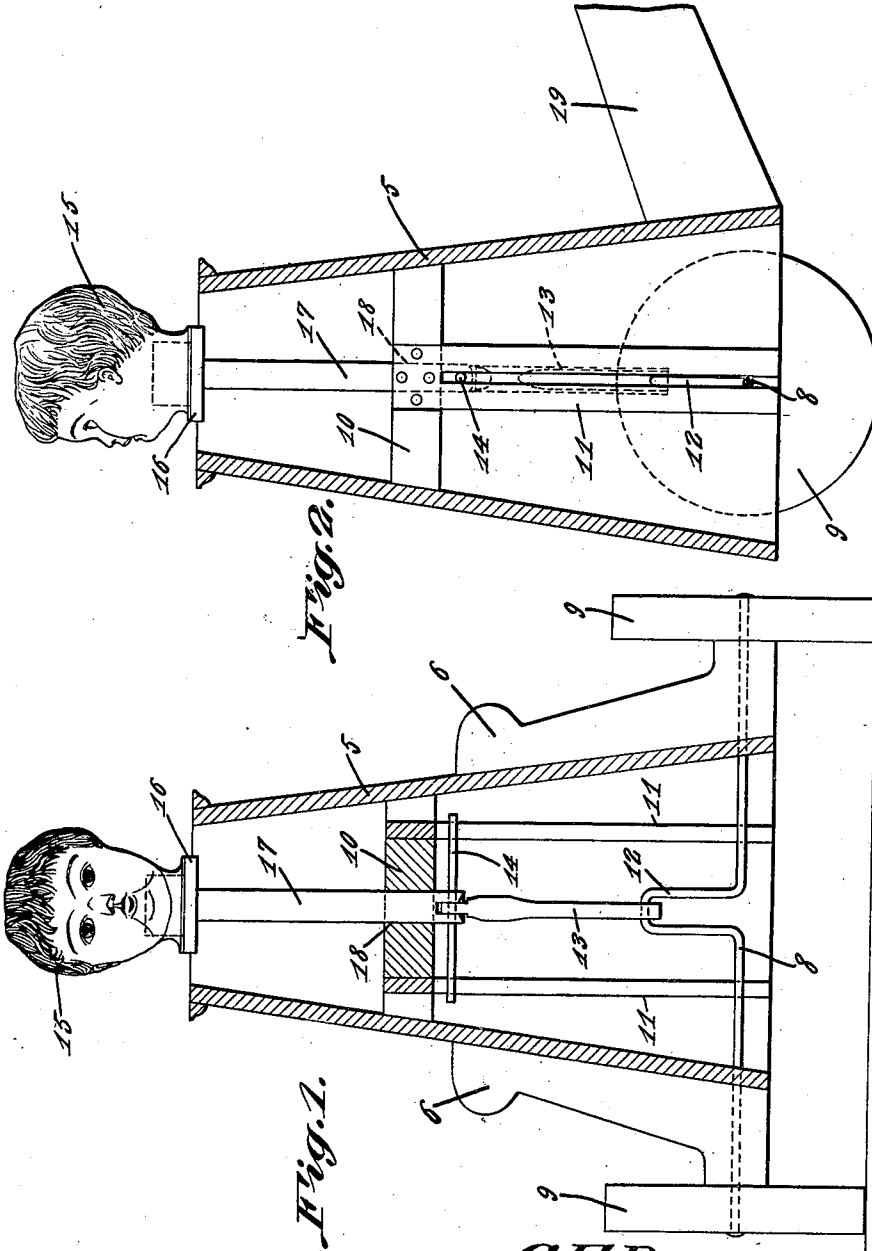


G. E. REAM.
TOY.

APPLICATION FILED JUNE 30, 1920.

1,369,192.

Patented Feb. 22, 1921.



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Witness

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UNITED STATES PATENT OFFICE.

GEORGE ELMER REAM, OF JOHNSTOWN, PENNSYLVANIA.

TOY.

1,369,192.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE E. REAM, a citizen of the United States, residing at Johnstown, in the county of Cambria and State of Pennsylvania, have invented a new and useful Toy, of which the following is a specification.

This invention relates to the class of toys, and more particularly to mechanically operated toys constructed to operate automatically.

The primary object of the invention is to provide a figured toy of this character which will move vertically through its housing to cause the head of the toy to move out of sight and into view, at predetermined intervals.

A further object of the invention is to provide a device of this character which may be moved along the floor or other surface, to cause the operation of the figured toy, thus producing a toy which will be exceptionally fascinating to operate.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawing:—

Figure 1 illustrates a longitudinal sectional view through a toy constructed in accordance with the present invention; and

Fig. 2 illustrates a longitudinal sectional view through the toy taken at right angles to Fig. 1.

Referring to the drawing in detail, the device includes a body portion formed of any suitable material, the side walls thereof indicated at 5, being inclined toward the upper end of the body portion, but it is to be understood that the configuration of the body portion may be changed to meet various requirements.

Bracket members 6, are secured to the outer surface 7 of opposed side walls of the body portion, and these brackets 6 are provided with suitable openings registering with openings formed in the lower edges of the side walls, to accommodate the operating shaft 8, which supports the wheels 9, on the outer ends thereof, the wheels 9 being

however, keyed or otherwise secured to the axles 8 so that rotation of the wheels will produce a relative rotary movement of the operating shaft or axle 8.

Supported within the body portion, and secured to the inner surfaces of the side walls thereof, at a point adjacent to the upper ends thereof, is a plate 10 to which are secured the depending arms 11 disposed opposite each other in spaced relation, and each of these arms is provided with a slot extending from a point adjacent to the upper end thereof, and terminating at its lower end thereof.

The operating shaft or axle 8 has portions thereof disposed within the slots of the arms 11, the central portion of the shaft being formed into a crank arm 12 by offsetting a portion of the shaft, and as shown this crank arm has connection with the relatively short arm 13, adjacent the lower end thereof, the upper end of the arm 13 having connection with the transversely extending arm 14, which has its ends disposed within the slots of the arms 11, whereby the figured toy, to be hereinafter more fully described, will be maintained in a vertical position.

The figured toy includes the head 15 which may be in any desired form but in the present showing is that of a doll head, the lower portion or neck having connection with the disk 16 in any suitable manner, the disk 16 being supported on the upper end of the vertically movable supporting rod 17.

An opening 18 is formed substantially centrally of the plate 10, the diameter of the opening being sufficient to accommodate the rod 17, to permit the rod to move freely therethrough, and as shown, the lower extremity of this rod 17 is apertured to provide securing means to permit the rod 17 to be connected to the arm 14 so that movement of the arm 14, will be transmitted to the doll head, through the rod 17.

It might be further stated that the length of the rod 17, when in an extended position, is sufficient to cause the head 15 to extend beyond the upper edge of the body portion 5, but when the rod 17 is in its lowermost position, the head is moved below the upper edge of the body portion and out of view.

It is therefore obvious that upon continuous rotation of the supporting wheels 9, the head 15 is caused to move into view at predetermined intervals. In order that the

device may be moved along a surface, the handle 18 is provided, whereby the operator may push, or pull the device to accomplish the desired result.

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

10 In a figured toy, a body portion having an open upper end, a plate supported within the body portion, said plate having an opening formed therethrough, a supporting rod operating through the opening and having a disk secured to the upper end thereof, a figure supported on the disk, an operating shaft operating at the base of the body por-

tion, said operating shaft having a crank 15 arm, a relatively short arm connecting the crank arm and supporting arm, whereby movement of the operating shaft results in a reciprocating movement of the supporting rod, and means for maintaining the sup- 20 porting rod in a vertical position.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

GEORGE ELMER REAM.

Witnesses:

J. M. MILLER,
HARRY G. ROSE.