B. B. COLEMAN.

FIGURE TOY.

APPLICATION FILED JAN. 15, 1918.

1,285,047.

Patented Nov. 19, 1918.

Fig. 1.

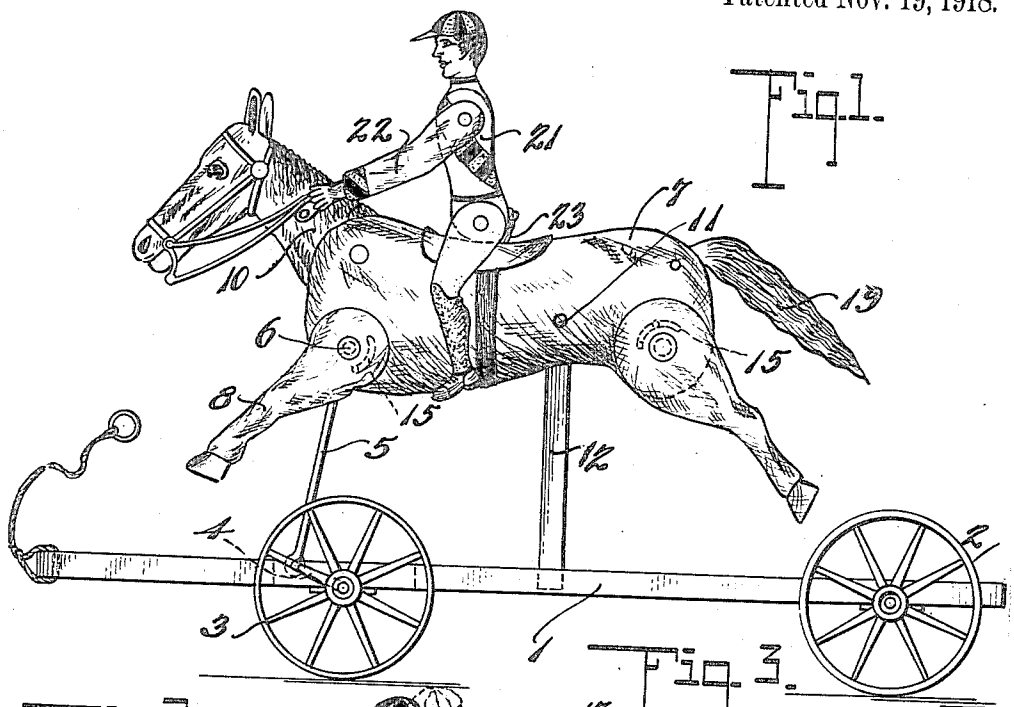



Fig. 2.

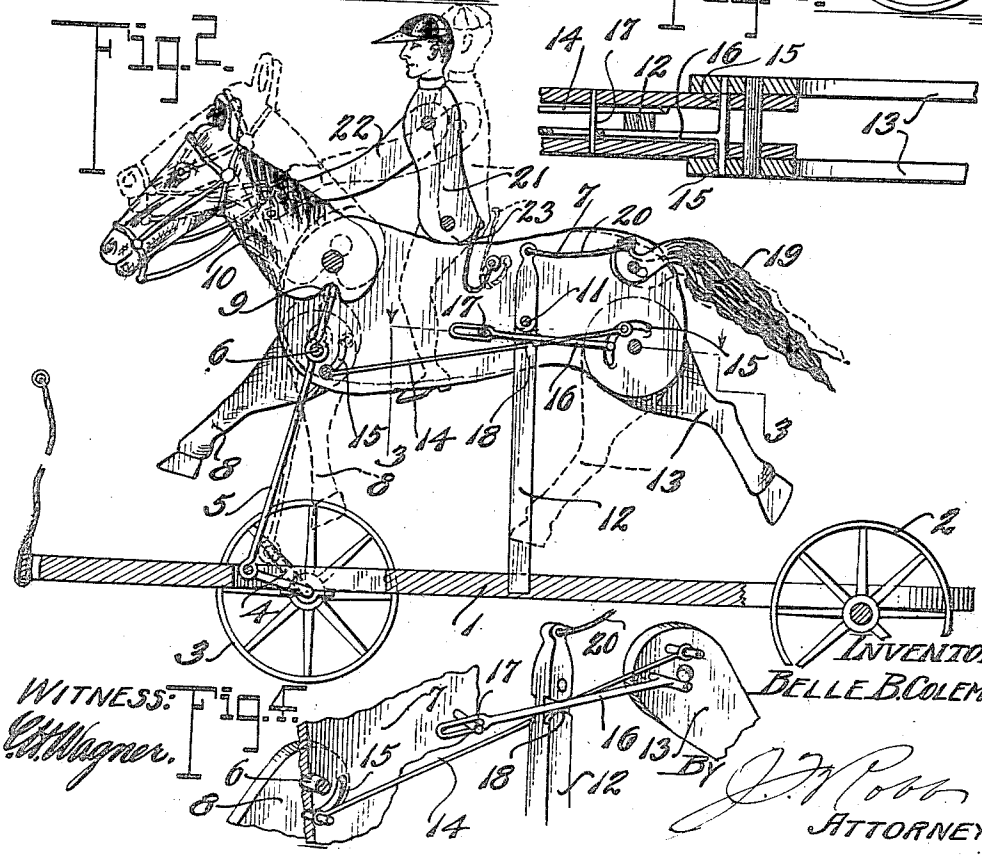



Fig. 3.




Fig. 4.




WITNESS:
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# UNITED STATES PATENT OFFICE.

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## FIGURE TOY.

1,285,047. Specification of Letters Patent. Patented Nov. 19, 1918.

Application filed January 15, 1918. Serial No. 211,911.

*To all whom it may concern:*

Be it known that I, BELLE B. COLEMAN, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Figure Toys, of which the following is a specification.

The purpose of this invention has been to devise an amusement device of the class ordinarily known as figure toys. In the carrying out of the invention I contemplate the provision of figures in imitation of a traveling horse with a rider mounted thereon, the improvements hereof residing in the provision of novel instrumentalities whereby to impart to the horse figure, and to members thereof, special movements of a more or less realistic nature, provisions being made at the same time for causing movement of the puppet or rider figure as an incident to that of the first named figure.

With reference to detail features, the stated instrumentalities comprise primarily driving means connecting a crank axle with the body of the horse figure in such a manner as to cause a rocking action of the latter, with other connections such that the main rocking movement aforesaid is utilized to transmit movements to the head, leg and tail elements of said figure, as well as to the puppet on the horse.

In the accompanying drawing:

Figure 1 is a side elevation of a toy embodying the essential features of the invention;

Fig. 2 is a vertical sectional view bringing out the operating parts unseen in Fig. 1;

Fig. 3 is a fragmentary sectional view on the line 3—3 of Fig. 2; and

Fig. 4 is a fragmentary perspective view of certain details.

Describing the invention in its preferred embodiment, it will be noted that a base 1 is utilized, the same being arranged upon rear supporting wheels 2 and front wheels 3, the latter being connected by an axle formed with a crank 4. Extending upwardly from the crank 4 is a connecting lever 5, the pivotal axis 6 of which attaches the lever to the spaced members forming the sides of the body 7 of the horse figure, said axis 6 also connecting the front legs 8 to the body 7. The lever 5 has its upper end engaging in a notch 9 in the lower portion of the head element 10 whereby a slight up and down movement may be imparted to the head 10 as an incident to the rocking movement capable of being imparted to the body 7 by the lever 5. Said rocking movement is obtainable owing to the fact that the body 7 is pivoted at 11 to a standard 12 rigid on the base 1. The rear legs 13 are pivotally connected with the body 7 also and in order that these legs may move in synchronism with the front legs a connecting rod 14 is provided intermediate these parts. Said rod has T-shaped ends the lateral portions of which ends protrude through slots 15 in the side members of the body 7 and engage in openings in the legs adjacent thereto which legs are arranged exterior to said side members.

Movement is imparted to the legs 8 and 13 from the body 7 by a lever 16 having pin and slot connection 17 with the body, a sort of rocker bearing intermediate its ends on the standard 12, as shown at 18, and a T-head at its rear end engaging the rear legs 13 to actuate these legs on pivotal movement of said lever. The actuation of the legs 13 is imparted to the legs 8 by the rod 14 before described. A tail 19 is pivoted to the body 7 as shown and a flexible member 20 connects the inner end of the tail with the standard 14 so that as the body 7 rocks the tail is caused to move up and down slightly relatively to the body.

The puppet or rider figure 21 is a jointed figure, the arms 22 being pivotally connected to the head 10 and the legs of the figure pivotally connected with the puppet body. During the rocking movement of the horse figure the rider figure 21 is thrown upwardly, and its movement being limited by a flexible member 23 connecting the parts 7 and 21. The puppet drops back onto the horse figure and this up and down movement continues with more or less simulation to the actual riding motion.

The dotted lines in Fig. 2 illustrate the range of movement of the legs and other parts somewhat after the manner of a galloping horse and rider.

The toy is simply constructed and for this reason may be very cheaply made, and possesses obvious advantages as an amusement device for children particularly.

Having thus described my invention, what I claim as new is:

1. In a figure toy, the combination of a base, a crank shaft thereon, a figure pivotally supported on the base and comprising

a body and a head, and a rod pivotally connected intermediate its ends to the body, one end of said rod being connected to the crank and the other end of said rod having operative engagement with the head whereby upon actuation of the crank rocking movement is imparted to the body and relative movement between said body and the head produced by said rod.

2. In a figure toy, the combination of a wheeled base, a crank shaft thereon operable upon movement of the base, a figure supported on the base and comprising a body and a head, a rod connecting the crank of the shaft with the body to impart movement to the body and also connected with the head to effect relative movement between the body and the head, legs attached to the body aforesaid, and devices to impart movements to the legs incident to the movement of the body, the movements of the body, head and legs being simultaneous and continuous during movement of the crank shaft.

3. In a figure toy, the combination of a base, a crank shaft thereon, a puppet bearing figure supported on the base and comprising a body and a head, a rod connecting the crank of the shaft with the body to impart movement to the body and also connected with the head to effect relative movement between the body and the head incident to movement of the base, front and rear legs attached to the body, a rod connecting said legs together for simultaneous movement, and a lever operable by the body as it is rocked to impart movement to directly actuate certain of said legs.

4. In a figure toy, the combination of a base, a crank shaft thereon, a figure supported on the base and comprising a body and a head, a rod connecting the crank of the shaft with the body to impart movement to the body and also connected with the head to effect relative movement between the body and the head, front and rear legs attached to the body, a rod connecting said legs together for simultaneous movement, a lever operable by the body as it is rocked to impart movement to directly actuate certain of said legs, a standard on the base pivotally supporting said body and provided with a rocker bearing for the last mentioned lever.

5. In a figure toy, the combination of a base, a crank shaft thereon, a figure supported on the base and comprising a body and a head, a rod connecting the crank of the shaft with the body to impart movement to the body and also connected with the head to effect relative movement between the body and the head, front and rear legs attached to the body, a rod connecting said legs together for simultaneous movement, a lever operable by the body as it is rocked to impart movement to directly actuate certain of said legs, a standard on the base pivotally supporting said body and provided with a rocker bearing for the last mentioned lever, a tail pivotally connected to the body, and a connection intermediate said tail and the standard whereby movement of the tail is caused incident to movement of the body.

6. In a figure toy, the combination of a base, a crank shaft thereon, a figure supported on the base and comprising a body and a head, a rod connecting the crank of the shaft with the body to impart movement to the body and also connected with the head to effect relative movement between the body and the head, front and rear legs attached to the body, a rod connecting said legs together for simultaneous movement, a lever operable by the body as it is rocked to impart movement to directly actuate certain of said legs, a standard on the base pivotally supporting said body and provided with a rocker bearing for the last mentioned lever, a tail pivotally connected to the body, a connection intermediate said tail and the standard whereby movement of the tail is caused incident to movement of the body, and a puppet supported on said body and flexibly connected thereto so as to have up and down movement incident to the movement of the body.

7. A figure toy comprising a base, a standard fixed thereto, a figure comprising a body pivoted to said standard, front and rear legs movably connected with the body, means for causing a rocking movement of the body on the standard, and lever and rod connections intermediate the body and said legs whereby the movement of the body is imparted to the legs.

8. A figure toy comprising a base, a standard fixed thereto, a figure comprising a body pivoted to said standard, front and rear legs movably connected with the body, means for causing a rocking movement of the body on the standard, and lever and rod connections intermediate the body and said legs whereby the movement of the body is imparted to the legs, the standard being provided with a rocker bearing for said lever connection, and a rod connection attaching said legs together for simultaneous movement.

In testimony whereof I affix my signature.

BELLE B. COLEMAN.