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FIGURE WHEELED TOY

Filed June 19, 1926

Fig. 1.

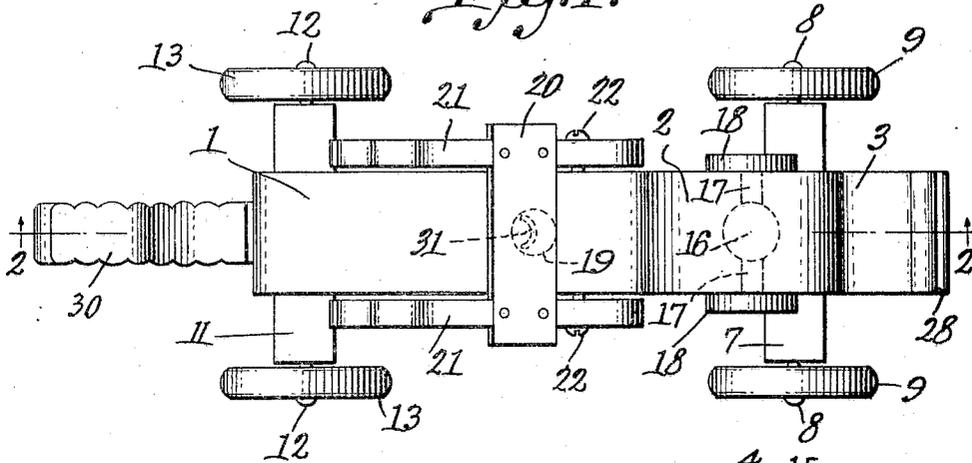


Fig. 2.

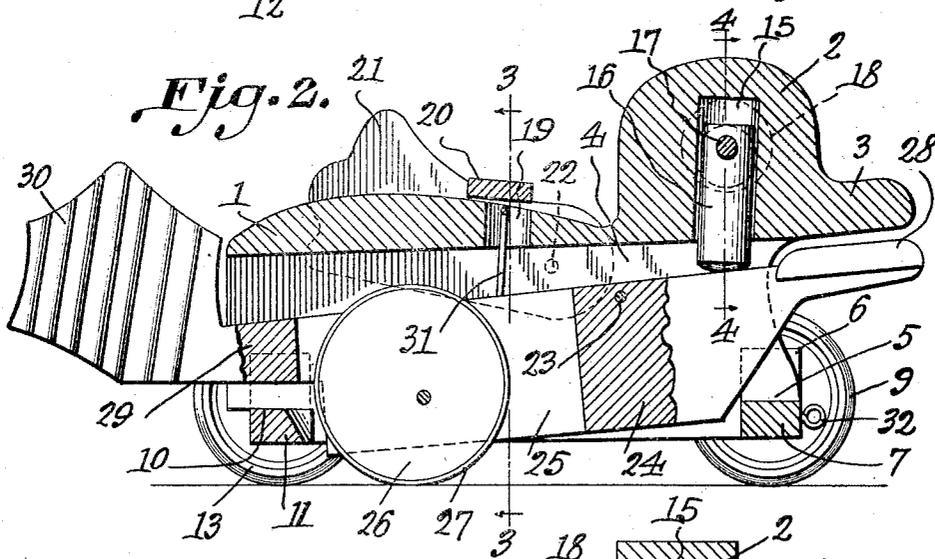


Fig. 3.

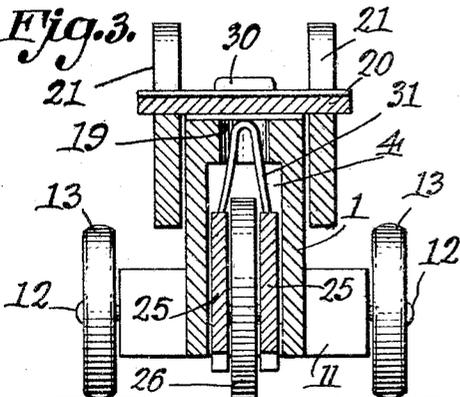
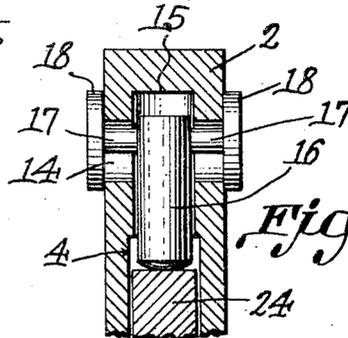


Fig. 4.



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FIGURE WHEELED TOY.

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This invention relates to a figure wheeled toy of that type including supporting wheels and adapted to be pulled along the ground by means of a string.

5 One of the objects of the invention is to provide a toy simulating a duck or other fowl or animal the construction of which includes an eccentric which is mounted to travel on the supporting surface for imparting an oscillating movement to portions of the figure
10 so as to render the toy more attractive by simulating in a more or less exaggerated manner distinctive movements of portions of the fowl or the like of which the toy is an
15 imitation.

A further object is to provide a structure of this character which is simple and compact in construction and capable of withstanding considerable rough handling such
20 as can be expected from a child.

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
25 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.
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In the accompanying drawings the preferred form of the invention has been shown.

In said drawings,

35 Figure 1 is a plan view of the toy.

Figure 2 is a longitudinal section there-through.

Figure 3 is a section on line 3—3 Figure 2.

Figure 4 is a section on line 4—4 Figure 2.

40 Referring to the figures by characters of reference 1 designates the body of the toy cut out to approximately define the back and head of a duck although it is to be understood that the body can be shaped to simulate some other fowl or small animal. In the present instance the head portion 2 is provided with a stationary bill 3 integral therewith and a deep groove 4 is formed longitudinally in the body and extends there-
45 into from its lower edge, the upper or inner being in line with the bottom surface of the bill 3. The front portion of the body is notched at its lower edge as shown at 5 so as to fit within a central recess 6 formed in
50 the top of a cross strip or axle 7. Pins 8 are extended from the ends of this axle and

constitute journals for the front supporting wheels 9. The rear portion of the body is likewise seated within a notch 10 provided in the central portion of a cross strip
60 or axle 11 and pins 12 or the like are extended from the ends of this axle, providing journals for the rear supporting wheels 13.

Extending transversely of the head portion 2 is an opening 14 intersected by a bore
65 15 extending upwardly into said head portion from the groove 4. A stem 16 is loosely mounted in this bore and is engaged by a transverse pin 17 loosely mounted in the opening 14. Disks 18 of any desired con-
70 tour are carried by the outer ends of pin 17 and simulate eyes. These disks are located close to the sides of the head portion 2 but are mounted to move freely relative thereto. The lower end of the stem 16 projects nor-
75 mally into the groove 4.

An opening 19 is provided in the top of the body back of the head portion 2 and communicates with groove 4. Extending
80 transversely over this opening is a cross strip 20 attached to wings 21 located at opposite sides of the body 1 and held thereto by suitable pivot devices 22 in the form of small screws, nails or the like. Under normal conditions these wings are supported by
85 contact of the strip 20 with the top of the body 1.

A cross pin 23 is extended transversely across the groove 4 beneath the back of the head portion 2 and mounted to oscillate on
90 this pin is a strip 24 having a longitudinal slot 25 in which is journaled an eccentric wheel 26. The periphery of this wheel can, if desired, be provided with a rubber tire 27 but this is not essential.
95

The front end portion of the strip 24 is provided with a bill 28 extending forwardly and normally spaced from and overhung by the bill 3. The strip 24 can be inclined downwardly and backwardly from the bill
100 28 so as to work freely back of the axle 7.

The rear portion of strip 24 has a stem 29 projecting therefrom and carrying an integral tail 30 which is supported beyond the back end of the body 1 and can be of any
105 contour desired. A lifting member 31 in the form of an inverted U-shaped wire or any other suitable device is carried by the strip 24 and extends loosely into the opening 19.

A string used for pulling the toy is adapted to be attached to an eye 32 on the axle
110 7 or to be otherwise fastened to the toy.

When the toy is drawn forwardly the fifth wheel or eccentric 26 will rotate and cause strip 24 to oscillate within the groove 4. Each time the rear portion of strip 24 is raised the tail 30 will also be raised while the bill 28 will move downwardly and stem 16 with the eyes 18 will likewise descend relative to the head portion. During the completion of rotation of wheel 26 the tail 30 will move downwardly, stem 16 will be raised and the bill 28 will come against bill 3. It will be noted, furthermore, that as strip 24 is oscillated the lifting device 31 will come against strip 20 and raise wings 21 after which said rings will gravitate to their normal positions. The striking of strip 20 on the back of the body 1 and the impact of bill 28 against bill 3 will produce a sound simulating the "quack" of a duck. Thus as the toy is moved the same will be rendered very attractive because of the moving bill, tail, wings and eyes and the sound produced.

What is claimed is:

1. A figure wheeled toy including a body having a head portion, there being a bottom recess within the body, wheels supporting the body, a member comprising a part of the figure pivotally mounted within the body and having an extension at one end movable relative to the head portion, and an eccentric ground engaging wheel journaled on and supporting one end portion of the pivoted member.

2. A figure wheeled toy including a body having a head portion, there being a longitudinal recess within the bottom portion of the body, wheels supporting the body, a member comprising a part of the figure pivotally mounted within the recess, an extension at one end thereof movable relative to the head portion, a tail projecting from the other end of the member, and an eccentric ground engaging wheel journaled within the pivoted member.

3. A figure wheeled toy including a body having a head portion at one end, there being a longitudinal recess in the bottom of the body, wheels supporting the body, a strip comprising a part of the figure pivotally mounted within the recess, a projecting portion at one end thereof cooperating with and movable relative to the head portion, and an eccentric ground engaging wheel journaled in the pivoted member.

4. A figure wheeled toy including a body having a head portion at one end, there being a longitudinal recess in the bottom of the

body, a member comprising a part of the figure pivotally mounted within the recess, an extension at one end thereof cooperating with and movable relative to the head portion, and an eccentric ground engaging wheel journaled in the pivoted member.

5. A figure wheeled toy including a recessed body having a head portion at one end, a member comprising a part of the figure pivotally mounted in the recessed body having extensions at the ends thereof, one of said extensions cooperating with the head portion and the other extension constituting a tail, and an eccentric ground engaging wheel journaled in said member.

6. A figure wheeled toy including a recessed body having a head portion, a member comprising a part of the figure pivotally mounted within the body, an extension at one end thereof cooperating with the head portion, connected eyes movable relative to the head portion and normally maintained by gravity in one position, an eccentric ground engaging wheel journaled in the pivoted member for oscillating the same, and means actuated by the pivoted member for shifting the eyes out of normal position.

7. A figure wheeled toy including a recessed body having a head portion, wings pivotally connected to the body, a connection between the wings, a member comprising a part of the figure pivotally mounted in the body, an extension at one end thereof cooperating with the head portion, an eccentric ground engaging wheel journaled in said member, for oscillating the same, and means actuated by the oscillation of said member for engaging the wing connection to raise and lower the wings.

8. A toy of the character described comprising a body representing a duck and including spaced side members and a stationary bill, a combined tail and bill member pivoted between the side members, means for lifting said member upon its pivot incident to the movement of the toy over the ground and allowing said member to subsequently gravitate to its normal position, wing members pivoted on the opposite sides of said body, and a member connecting said wing members and disposed in the path of movement of said combined tail and bill member, whereby said wings are actuated by the last mentioned member.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

ALBERT L. HIGGINS.