Aug. 3, 1965 C. H. COGGESHALL 3,197,918

ANIMATED WHEELED EATING TOY

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FIG. 1

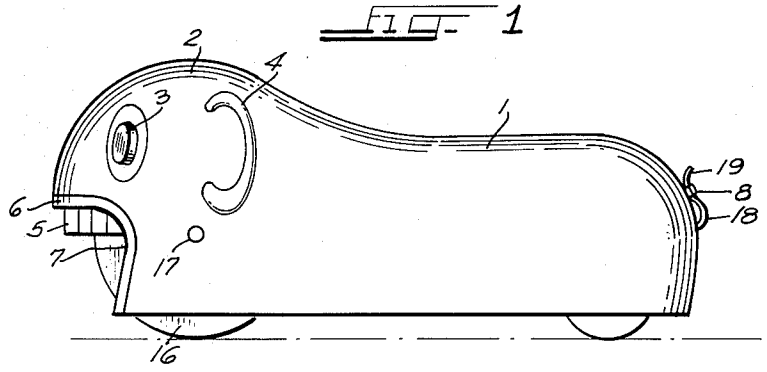

FIG. 2

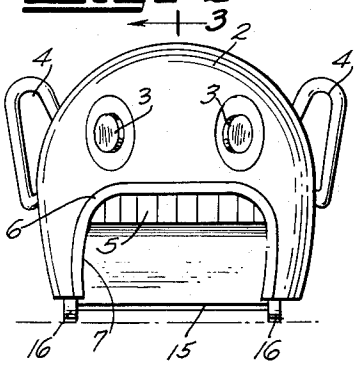

FIG. 4

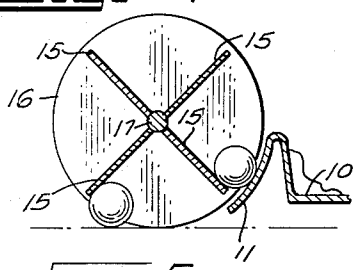

FIG. 5

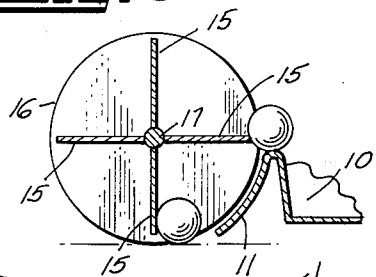

FIG. 3

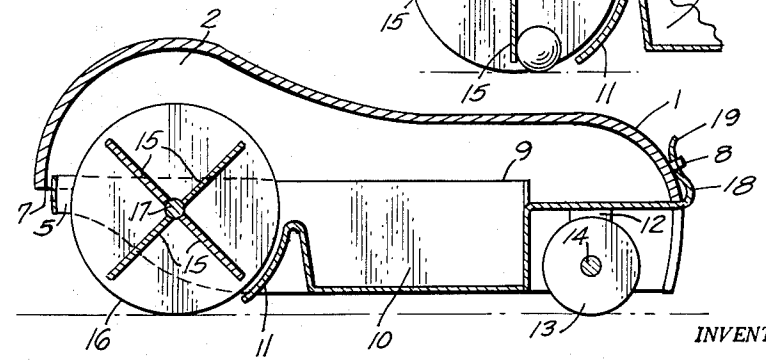

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Fig. 6

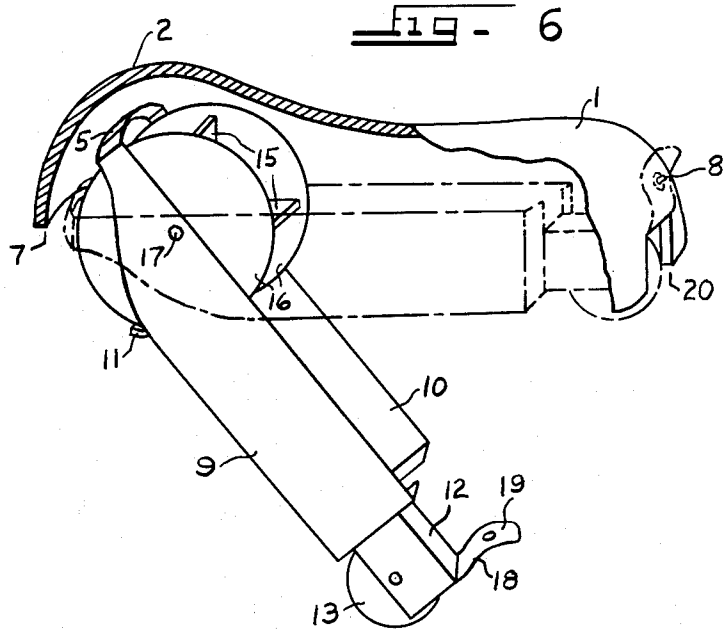
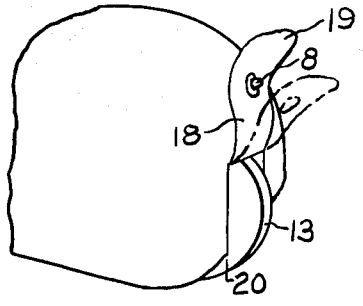


Fig. 7



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3,197,918

ANIMATED WHEELED EATING TOY

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2 Claims. (Cl. 46—103)

This invention relates to a new type toy, which when driven over objects lying in the toy's path, are scooped up, pushed up a slide and deposited in a containing tray inside the toy. Provisions are made to retrieve the objects from inside the toy.

The above sequence of operations are as though the objects are eaten and so I call my invention "eating toy."

The toy may be used in children's games and adults may also find games to use the novelty of the toy.

Some of the objects which can be scooped up are marbles, peanuts, popcorn, small pieces of wood, small rocks, and other similar objects too numerous to list. The toy can be also used as a savings bank.

It is one of the primary objects of my invention to provide pleasure and entertainment for a child as well as for some adults.

With the foregoing and other objects in view, the invention resides in the combination of parts and in the details of construction set forth in the following specification and appended claims, certain embodiments thereof being illustrated in the accompanying drawings, in which:

FIGURE 1 is a side plan view of the toy.

FIGURE 2 is a front elevation view of side view shown in FIGURE 1.

FIGURE 3 is a sectional view of the toy showing mechanism inside of FIGURES 1 and 2.

FIGURES 4 and 5 show the mode of operation.

FIGURE 6 is a side view, partly in section, showing the pivotal motion of the retaining tray and

FIGURE 7 is a side rear view of a portion of FIGURE 6.

Referring more particularly to the drawings, I have shown a hollow body **1**, FIGURES 1 and 3, with a head and face **2**, FIGURES 1 and 2. The face has eyes **3**, ears **4**, and an upper lip **6** with a front opening as the mouth **7**. At the rear of hollow body **1** is shown a release catch pin **8**, also a nesting notch **20**, in FIGURES 6 and 7.

In sectional view, FIGURE 3, also FIGURE 6, I have inside the hollow head **2** and body **1**, a frame **9**, with picture of teeth **5**, a retaining tray **10**, retaining slide **11**, rear wheel housing **12** with rear wheel **13** and axle **14**. In front of frame **9**, between teeth **5** and retaining slide **11**, I have the paddles **15** and paddle-wheels **16**, with an axle on which frame **9** is pivotally mounted. The ends of axle **17** are attached to the hollow body **1**, so as to pivot open frame **9** from hollow body **1** when release catch **18** with tongue **19** is disengaged from release catch pin **8**.

As the toy rolls along and comes in contact with an object (small enough to fit front entrance or mouth **7**), the object is captured by one of the paddles **15** on the paddle-wheels **16** and the paddle **15** forces the object up and against the retaining slide **11** where it is driven upward on the retaining slide **11** by the paddle **15** to the top of the retaining slide **11** where the object slides off the paddle **15** over the top edge of the retaining slide **11** into retaining tray **10**. This action is repeated as each paddle **15** collects an object as paddle-wheels **16** rotate.

The above sequence of operations takes place inside the hollow body **1**.

To retrieve objects from retaining tray **10** inside hollow body **1**, a finger of the operator disengages the release catch **18** from release catch pin **8** by pressing downward

and outward on tongue **19** on the release catch **18** (release catch pin **8** is attached to the rear of the hollow body **1**). This pivotally drops the rear wheel housing **12** from the nesting notch **20** with retaining tray **10** pivoting on the front end axle **17**.

After objects are retrieved from retaining tray **10** and the toy is to be closed, by pressing the bottom of tray **10** up inside the hollow body **1**, thereby pivotally forcing the frame **9** to raise the affixed wheel housing **12** up into the nesting notch **20** and into hollow body **1**. When frame **9** is being pressed into the hollow body **1**, release catch **18** with its small tongue **19** at the end slips over the release catch pin **8** locking release catch **18** in place, thus locking whole frame **9** to hollow body **1**.

In disclosing my invention, I have shown one simple form which it may take, that of head and body. Large head may be used alone using paddle-wheel mechanism. It is, however, to be understood that it may take many other forms. Even in the use of a face, I may provide means for activating other facial features, accompanied or unaccompanied by lighting or sound effects.

The paddle-wheels and paddles may take any shape, size or angle, also there may be as many paddles as needed on the paddle-wheels which is best suited for the toy's operation.

Containing tray can be at any angle, or shape, and opening for retrieving objects from containing tray can be made in any direction which is best suited for handling.

The toy can be driven by hand or other suitable drive mechanism.

The point is to provide interest and enjoyment to a child which is best suited for the intention of the toy.

I claim:

1. An animated wheeled toy, adapted to devour a plurality of objects comprising a hollow body member having a head and face on the forward end, an open mouth in said head, a pair of wheels, an axle pivotally mounting said wheels on the forward end of said body member for supporting the body member on a surface, four large equally spaced paddles fixed to and extending between the said wheels, a frame having a retaining tray pivotally mounted at the forward end on said axle, said tray being enclosed by said hollow body member, a retaining slide fixed to the forward portion of said tray, the slide having a curvature juxtaposed to the perimeters of the rear of the wheels and extending parallel to said paddles whereby said objects may be captured by the paddles, the paddles propelling the objects to the top of the slide thence into the said tray.

2. An animated wheeled toy adapted to devour a plurality of objects comprising a hollow body member having a head and face on the forward end, an open mouth in said head, a pair of wheels, an axle pivotally mounting said wheels on the forward end of said body member for supporting the body member on a surface, four large equally spaced paddles fixed to and extending between the said wheels, a frame having a retaining tray, a front portion of said frame having a picture of teeth extending parallel to said paddles on the outer surface, centrally positioned between said tray and said teeth said frame is pivotally mounted on said axle, a retaining slide fixed to the forward portion of said tray, the slide having a curvature juxtaposed to the perimeters of the rear of the wheels and extending parallel to said paddles whereby said objects may be captured by the paddles, the paddles propelling the objects to the top of the slide thence into the said tray, said paddles rotating at said open mouth gives an animated effect of said open mouth opening and closing; fixed to the rear portion of said tray is a rear wheel housing with wheel assembly to support the rear portion of said body member on a surface, said tray and

said rear wheel housing being inclosed by said hollow body member, a notch in the base at the rear of said hollow body nests said rear wheel housing and an extended member of said rear wheel housing, said extended member formed upwardly in tension to follow the contour of the rear outer surface of said hollow body, a pin fixed to said hollow body above said notch engages a hole in said extended member locking said tray and said wheel housing inside said hollow body, an end portion of said extended member angled outwardly to form a tongue above said engaged hole, said tongue permits a finger of an operator to disengage said pin from said hole thus

pivotally dropping said tray from inside said hollow body on said forward end axle whereby an operator may retrieve captured objects from said retaining tray.

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