Oct. 26, 1926. 1,604,895

B. W. FLOOD

TOY

Filed May 1, 1926

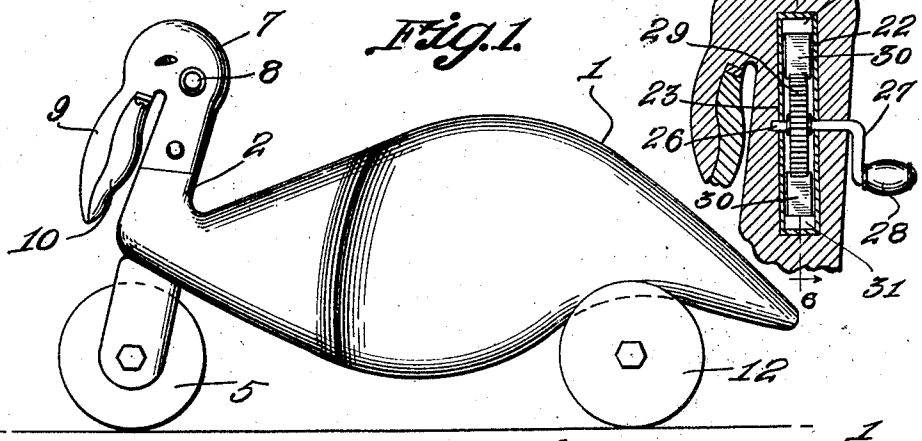


Fig. 1.

Fig. 5.

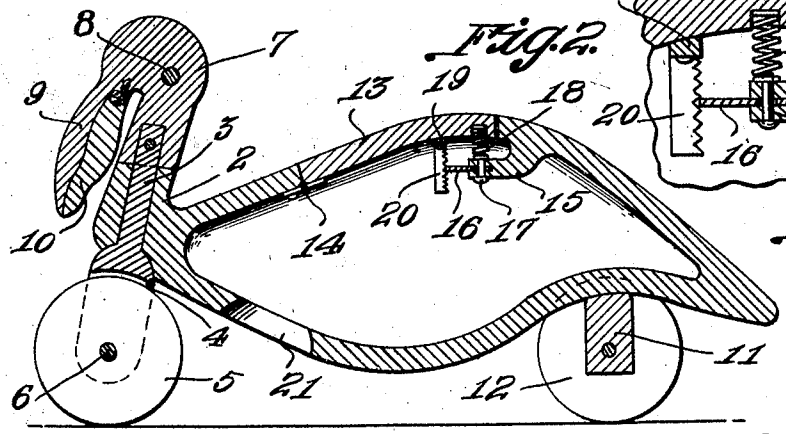


Fig. 2.

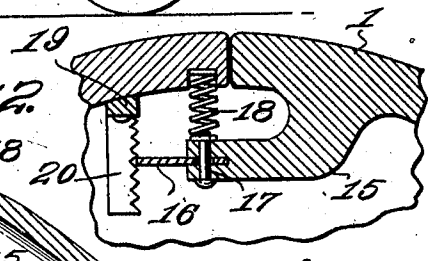


Fig. 4.

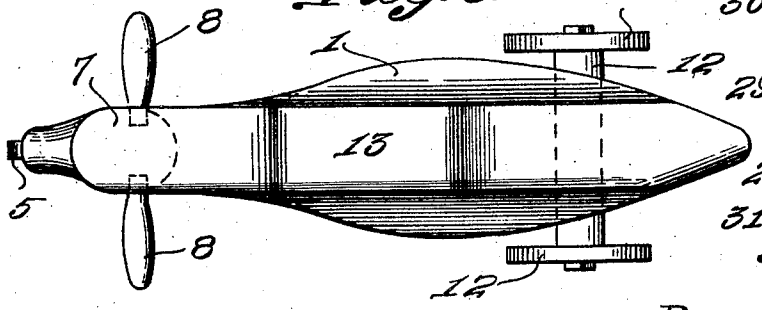


Fig. 3.

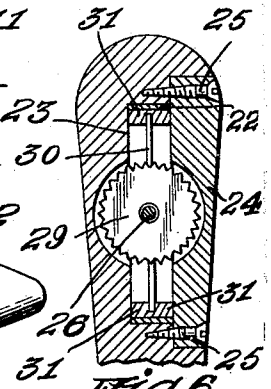


Fig. 6.

Ben W. Flood,
INVENTOR

BY Victor J. Evans

ATTORNEY

WITNESS:

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UNITED STATES PATENT OFFICE.

BENJAMINE W. FLOOD, OF LAKELAND, FLORIDA.

TOY.

Application filed May 1, 1926. Serial No. 106,050.

This invention relates to wheeled toys and particularly to the noise making, figure, foot propelled type.

The primary object of the invention is to provide a wheeled toy shaped and constructed to simulate a pelican and one that will produce a noise similar to the noise made by a pelican.

A further object is to provide a wheeled toy that is formed to provide a comfortable riding surface and one that can be made to make a noise to amuse a child when being ridden or seated upon by the child.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claims.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a side elevation of the toy forming the subject matter of the present invention.

Figure 2 is a longitudinal vertical sectional view therethrough.

Figure 3 is a top plan view of the toy.

Figure 4 is an enlarged sectional view to clearly illustrate the noise making mechanism.

Figure 5 is a fragmentary sectional view taken vertically through the head of the toy and illustrating a modified form of noise making mechanism.

Figure 6 is a sectional view taken on line 6—6 of Figure 5.

Referring to the drawings in detail the reference numeral 1 indicates the body of a toy which is hollow as shown in Figure 2 and tapered from its intermediate portion rearwardly, and forwardly respectively to simulate the body of a pelican or like bird. The forward tapered portion of the body terminates in a neck 2 which is formed with a bore to accommodate a shaft 3 mounted in said bore for rotary movement. The shaft 3 has formed in its lower end a bifurcated portion 4 and between the arms of which is journaled the wheel 5 having an axle 6 as shown in Figure 2. Secured to the upper end of the shaft 3 and bearing against the upper surface of the neck 2 is a head 7 which has oppositely extending therefrom handles 8 by which the head is revolved on its bearing to move the shaft 3 and wheel 5 accordingly for guiding the toy as will be readily apparent. The head 7 has depending from its forward portion thereof the upper portion 9 of a bill, while secured to the head through the instrumentality of a screw is the lower portion 10. The bill is constructed in this manner so as to clearly simulate a pelican as will be obvious upon inspection of Figure 1 of the drawings.

Underlying the rear portion of the body is an axle block 11 having axle shafts extending laterally therefrom to accommodate the rear wheels 12 which are journaled on said shafts.

The hollow body 1 is provided with an opening in its upper surface and this opening is closed by a plate 13 which is shaped to follow the contour of the body and hinged as at 14 thereto. Extending from the interior of the body and terminating below the opening therein is a projection 15 provided with a slot to accommodate one end of a flexible metallic strip 16 which is secured therein by a pin 17, and arranged between said projection and the plate 13 is a coil spring 18 which has its upper convolutions disposed in a recess formed in the plate while the lower convolution surrounds the upper end of the pin 17 as suggested in Figure 2. The spring 18 is adapted to urge the plate 13 to the normal position as shown. Secured to the underside of the plate 13 is an elongated strip 19 and depending midway the ends of said strip 19 is a rack 20 arranged to be engaged by the flexible strip 16 as clearly shown in Figure 4 of the drawings. The underside of the body 1 is also provided with an opening 21 so that access may be had to the noise making mechanism as above described.

A modified form of noise making mechanism is shown in Figures 5 and 6 of the drawing and includes a frame 22 arranged in a recess 23 formed in the head of the toy and held therein by a cover member 24 secured to said head by screws 25 as shown in Figure 6. Passing transversely through the frame 22 is the shank 26 of a crank arm 27 which extends rearwardly from the head and is provided with a handle 28 journaled thereon for rotating said crank arm. A rack gear 29 is secured to said shank and arranged in the path

of the rack gear are flexible strips 30 fixed in blocks 31 secured to the upper and lower ends of the frame.

From the above description and disclosure of the drawings, it will be apparent that the toy that forms the subject matter of the present invention is shown and described as simulating a pelican but it will be obvious that the structure can be formed to simulate other birds or animals without departing from the spirit of the invention.

In riding the toy, the same may be straddled and propelled by movement of the rider's feet engaging the ground, and the weight of the rider's body upon the plate 13 will cause the same to be lowered against the tension of the spring 18 and by raising and lowering the weight of the body on the plate 13 it will be obvious that the engagement of the flexible metallic strip 16 with the rack 20 will cause a squawking noise and which is adapted to simulate the noise produced by a bird of the character shown.

In the modified form as illustrated in Figures 5 and 6, it will be obvious that when the crank is rotated, the engagement of the flexible strips 30 with the rack gear 29 will cause a squawking noise, and the handle portion of said crank arm is disposed in convenient reach of the rider of the toy.

The toy can be made or stamped from any kind of metal as well as formed from wood, and double disk metallic wheels can replace the wheels as shown, without departing from the spirit of the invention.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:

1. A wheeled toy of the character described comprising a hollow body, a noise making mechanism in said body hinged means carried by said body and in connection with the noise making mechanism whereby the latter may be operated by the movement of the weight of a rider of said toy.

2. A toy comprising a hollow body, a head mounted for movement on said body, a bifurcated shaft carried by said head, a wheel journaled between the bifurcation of said shaft, an axle block secured to the rear of said body, axles projecting laterally from said block, wheels journaled on said axles, a noise making mechanism in said body, and hinge means carried by said body and shaped to conform with the curvature thereof, and said hinge means being adapted to operate said noise making mechanism.

3. A toy of the character described comprising a hollow body, wheels therefor, a head formed on said body and associated with one of said wheels for guiding the toy, a projection interiorly formed in said body, a plate hinged to said body and overlying said projection, a spring between said plate and projection for holding the same in normal position, a rack depending from said plate, and a flexible metallic strip secured to said projection and arranged in the path of the rack for the purpose specified.

4. A wheeled toy of the character described comprising a body, a head pivoted thereon, said body and head being shaped to simulate a pelican, a shaft secured to said head and having connection with one of the wheels for guiding the toy, a hinged plate closing an opening formed in the upper surface of said body, a projection formed on said body and arranged below said hinged plate, a coil spring having its end convolutions engaging said hinged plate and projection respectively for holding said hinged plate in its normal position, a metallic strip secured to said projection, a rack bar depending from said hinged plate in the path of the metallic strip whereby the vertical movement of said rack bar against the metallic strip will cause a squawking noise to simulate a pelican and said vertical movement of the rack bar being caused by the raising and lowering of the weight of the rider of the toy on the hinged plate.

5. A wheeled toy shaped to simulate a pelican and including a wheeled body, a ratchet actuated head mounted for rotation thereon, a wheeled shaft secured to said head and a ratchet actuated noise making mechanism for said toy.

In testimony whereof I affix my signature.

BENJAMINE W. FLOOD.