July 3, 1928. 1,676,062

S. J. SWANSON

TOY

Filed Dec. 9, 1926

Fig. 1.

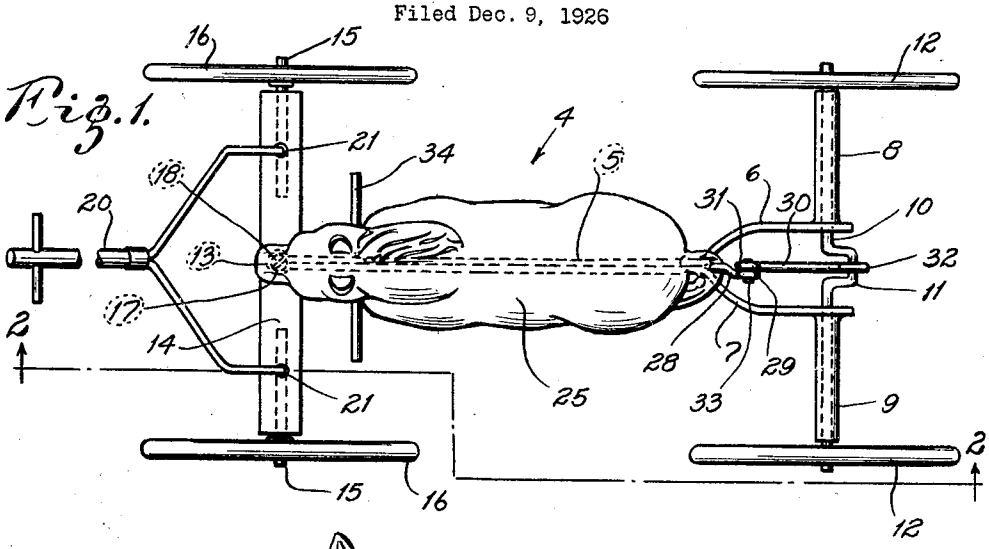


Fig. 2.

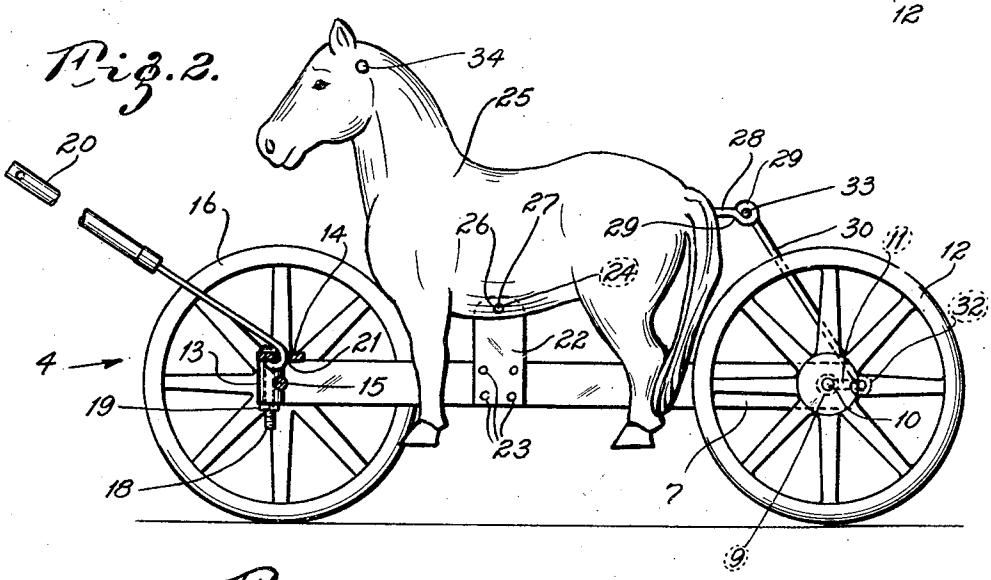
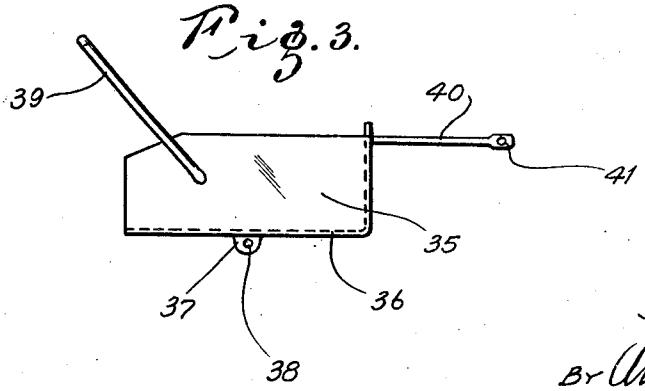


Fig. 3.



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UNITED STATES PATENT OFFICE.

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TOY.

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The object of my invention is to make a toy. A more specific object is to make a toy wagon or truck upon which is mounted a chair or seat or an object having the configuration of an animal such as a horse, said object or seat being secured to the frame of the wagon or truck pivotally so that the rocking or partial oscillation of such object or said seat will propel the wagon or truck. A further object is to make a toy upon which a child may ride and propel the toy itself, or in which the toy may be drawn as is the conventional toy wagon, with the child seated on a portion of the wagon, the movement of the wagon producing a rocking effect on the object upon which the child sits, the rocking effect being similar to that produced when a child sits on a rocking horse and rocks it. A further object is to make a toy of few and simple parts that may be readily assembled, that lend themselves readily to multiple production and which may be cheaply made.

With these and other objects in view, my invention has relation to certain novel features of construction and arrangement of parts as will be hereinafter more fully described, pointed out in the claim, and illustrated in the drawing in which,

Fig. 1 is a plan view of my device, and

Fig. 2 is a longitudinal sectional elevation on the line 2—2 of Fig. 1, and

Fig. 3 is a modified form of a seat to be used in my device.

Numeral 4 indicates the wagon generally, having a single longitudinal frame member 5 bifurcated at its rear end so as to form the prongs 6 and 7. Numeral 8 designates a tube secured to the lateral face of the prong 6 near its end and numeral 9 designates a tube secured to the lateral face of the prong 7 near its end. The tubes 8 and 9 are concentrically in alinement. Numeral 10 designates an axle having the crank 11 formed therein. The axle 10 extends through and slightly beyond the ends of the tubes 8 and 9 so that the crank 11 is positioned between the prongs 6 and 7. To the ends of the axle 10 are positively secured the wheels 12, one wheel being secured at one end, and the other rotatively secured at the other end. It will be seen that by the structure thus far described that when the crank 11 is rotated that the wheels 12 will be rotated. An eye 13 is formed on the forward end of the frame member 5. Numeral 14 designates the front frame member, to which at its ends are secured the axles 15. On the ends of the axles 15 are rotatively secured the front wheels 16. A hole 17 is formed in the geometrical center of the front frame member 14. A bolt 18 passes through the hole 17 through the eye 13 and has the nut 19 in threaded engagement at its lower end. By these means the front frame member 14 is rotatively secured to the frame member 5 and together with the wheels and the portions previously described together form a wagon frame. For drawing the wagon thus described, the handle 20 is provided which is detachably secured to the front frame member 14 by passing through holes 21 formed therein. Numeral 22 designates a frame projection secured to the frame member 5 intermediate its length by bolts or rivets 23. At the upper end of the frame projection 22 is formed a hole 24. Numeral 25 designates an animal (a horse is shown) on which the child is seated when riding the device. In the lower portion of the body of the animal 25 centrally located is formed a hole 26. Numeral 27 designates a bolt passing through the holes 24 and 26, thereby securing the animal 25 to the frame projection 22 in an oscillatory or rocking manner. To the rear end of the animal 25 is secured the projection 28, having an eye 29 formed at its external end. Numeral 30 designates a link having an eye 31 formed at one end and the eye 32 formed at the other end. Numeral 33 designates a pin passing through the eyes 29 and 31, thereby pivotally securing the link 30 to the projection 28. The eye 32 is pivotally secured to the center of the crank 11. It will be seen that by a rocking or pivotal or oscillating movement of the animal 25 that the projection 28 will be moved in the arc of a circle and that the link 30 will be moved so as to rotate the crank 11, thereby rotating the wheels 12. The handle bars 34 are secured to the forward portion of the animal so that when a child is mounted on the animal, he can conveniently hold on to them. In operation, the child sits on the animal 25 and rocks up and down, as he would on a rocking horse, and thereby propels the vehicle. When the vehicle is to be drawn, the person drawing it holds the handle 20, thereby not only moving the vehicle forwardly but rocking the animal. I do not desire to be limited to a horse. Any other animal or object of interest to a child may be substituted

therefor. The steering of the vehicle is accomplished when operated by the child riding the animal by supporting his feet on the front frame member 14, one on each side, and applying pressure on the side that it is desired to turn in order to make the proper turn for the vehicle. Instead of a horse, a seat or chair 35, shown in the modified form in Fig. 3, may be used. It consists of a frame 36 open at the forward end and having the lug 37 formed on the bottom thereof, and having the hole 38 formed therein. The chair 35 may be secured to my device in place of the animal 25 by passing the bolt 27 through the hole 24 and the hole 38. Numeral 39 designates a handle bar secured to the forward end of the chair 35. Numeral 40 designates an arm secured to the chair 35 at its rear end and projecting horizontally. At its external end is formed a hole 41, which when the chair is secured to my device, may be so positioned relative the link 30 that the pin 33 may be inserted through the eye 29 and the hole 41. When this is accomplished, the basket will be secured to the device in the same manner as was the animal previously described.

What I claim and mean to secure by Letters Patent is:

In combination with a vehicle comprising a frame member bifurcated at one end and having tubes secured to each one of the prongs of the bifurcated end of said frame, an axle passing through said tubes, said axle having a crank formed at its center between the prongs of said bifurcated end of said frame member, one wheel secured to each end of said axle, a front frame member having axles secured thereto on which are rotatively secured wheels, said front frame member rotatively secured to said frame member, a frame projection secured to said frame member, an animal rotatively secured to said frame projection, a projection formed at one end of said animal, a crank arm secured rotatively to said projection and rotatively to said crank.

In testimony whereof I affix my signature.

SWAN J. SWANSON.