F. MAJEWSKI.

RIDING HORSE FOR BOYS' TOYS.

APPLICATION FILED JAN. 2, 1918.

1,270,638. Patented June 25, 1918.

Fig. 1

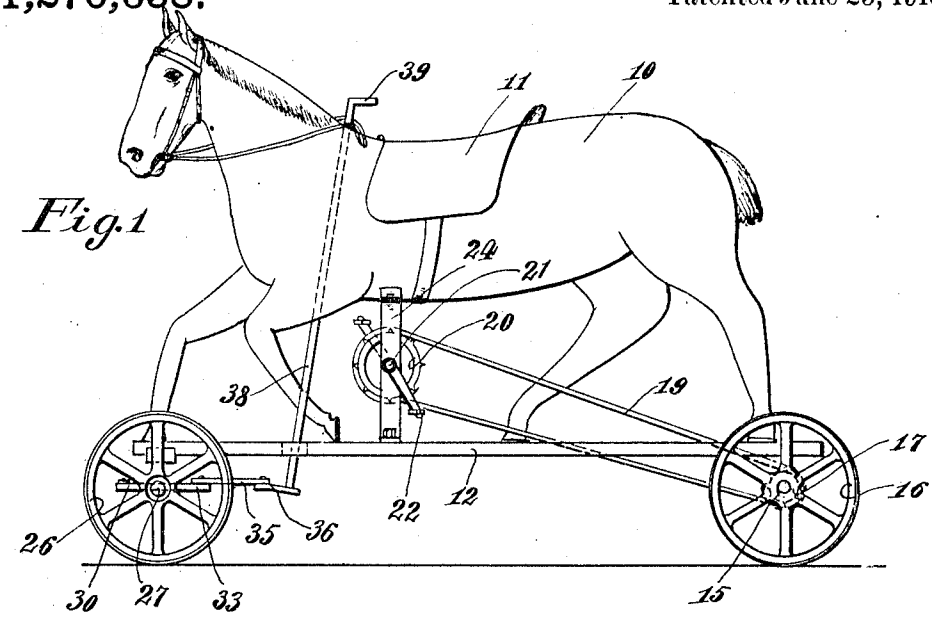


Fig. 2

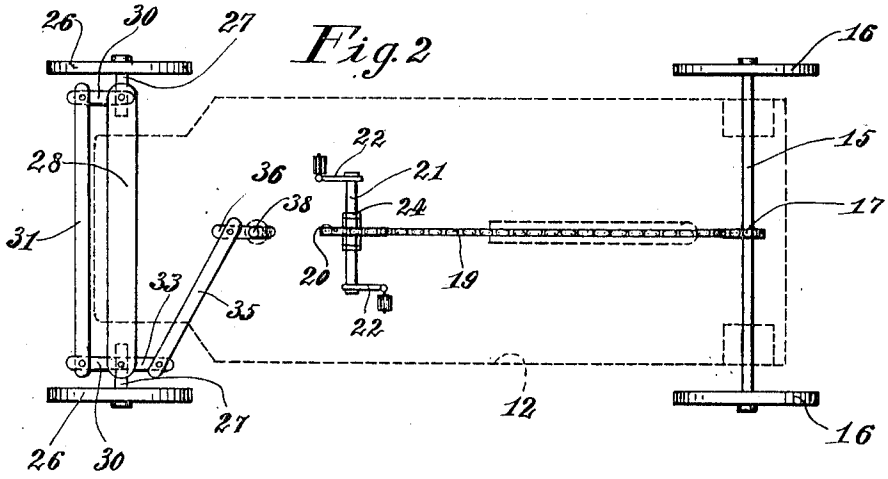
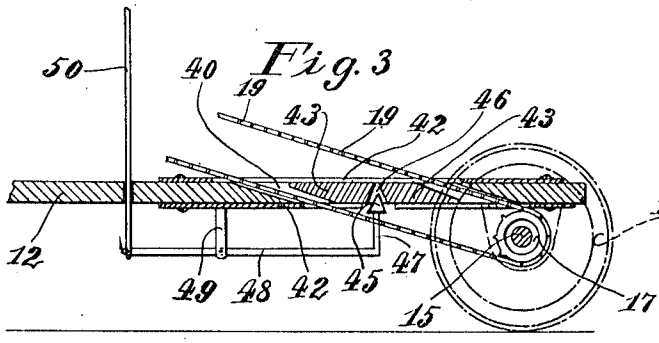


Fig. 3



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RIDING-HORSE FOR BOYS' TOYS.

1,270,638. Specification of Letters Patent. Patented June 25, 1918.

Application filed January 2, 1918. Serial No. 209,924.

To all whom it may concern:

Be it known that I, FRANK MAJEWSKI, a citizen of Poland, resident of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Riding-Horses for Boys' Toys, of which the following is a specification.

This invention relates to improvements in riding horses for boys' toys and particularly to types which are capable of being propelled and directed by a rider.

The principal object of the invention is to provide a toy simulating a horse, which may be driven by pedals in the manner of a bicycle and which is further provided with a steering device so that the toy may be maneuvered in any given direction.

A further object is to provide a braking device thereby completely controlling the movement of the toy.

These and other like objects are attained by the novel construction and combination of parts hereinafter described and shown in the accompanying drawing, forming a material part of this disclosure, and in which:—

Figure 1 is a side elevational view, showing a toy horse made in accordance with the invention.

Fig. 2 is substantially a top plan view of the same, the horse being removed and the platform indicated by broken lines, and

Fig. 3 is an enlarged fragmental vertical sectional view, showing the application of the braking device.

In the drawings the numeral 10 designates the main body of the toy, here shown to represent a horse of conventional type, supplied with a saddle 11, and resting upon a platform 12. This platform is supported at the rear by an axle 15, with which is rigidly engaged the rear wheels 16 and which has fixed upon it a driving sprocket 17, to which rotary motion is communicated by the chain 19, the same passing up through openings formed in the platform 12, to another sprocket 20, affixed upon a transverse shaft 21 at the ends of which are secured pedals 22, the shaft being journaled in brackets 24, extending from the platform to the body 10.

Thus rotary motion is communicated to the axle, causing the toy to advance by moving the feet of the rider to operate the pedals 22 in a well known manner.

The front wheels 26 are journaled on spindles 27, pivotally engaged at the ends of a transverse bar 28, secured to the lower side of the platform, the spindles having formed with them bell crank extensions 30, connected in front of the platform by a link 31, one of the bell cranks having an oppositely disposed lever 33, pivotally engaged by a link 35, the same extending rearwardly toward the center of the platform and is pivotally connected to the end of a crank 36, rigidly secured to the lowermost end of a rod 38, passing up through the platform and through the body of the toy, to a bent handle 39, arranged in front of and convenient to a rider on the saddle 11, so that the front wheels may be turned at an angle, causing the toy to move in any desired direction.

In order to provide a brake whereby the toy may be stopped at any desired point, the opening 40, through the platform 12, for the driving chains 19, has upon its upper and lower surfaces plates 42, so as to receive and hold in position between them and within the opening 40, a pair of oppositely disposed sliding blocks 43, having beveled outer ends adapted to make contact with the chain and press the same firmly against the edges of the opening 40, at such time as the wedge 45 is pressed into a V-shaped opening 46, formed equally between the adjacent edges of the blocks 43. This wedge is affixed upon the bent end 47, of a lever 48, pivoted on a bracket 49 extending downward from the platform 12. The opposite end of the lever is pivotally engaged with a vertical bar 50, so that when pressure is applied to the same, the wedge 43 is pressed upward, causing the sliding blocks 43 to move outwardly and make frictional contact with the chain 19, causing cessation of motion.

From the foregoing it will be seen that a very complete and neat mechanical toy has been described which may be moved over any relatively level surface in any desired direction and which may be stopped, irrespective of its momentum as in going down hills or the like, whenever it may be desired.

Having thus described my invention what I claim as new and desire to secure by Letters Patent, is:—

1. In a toy, the combination with a figure simulative of a horse, a platform upon which said figure is mounted, and a pair of wheels below said platform at the front and rear thereof, of means for steering said front

wheels, a shaft between said rear wheels, a sprocket rigidly mounted on said shaft, a sprocket above said platform, means for driving the last named sprocket, connections between said sprockets, and means for clamping said driving connections whereby their movement is impeded.

2. In a toy, the combination with a figure representing a horse, a platform upon which said horse is mounted, an axle at the rear of said platform, wheels rigidly engaged upon said axle, a pair of dirigible wheels at the front of said platform, means for steering said wheels, a pair of pedals below said figure, and a sprocket driven thereby, of a second sprocket rigid upon said axle, a chain between said sprockets, said chain passing through said platform, a pair of opposed sliding blocks having beveled end surfaces movable in said platform between the upper and lower elements of said chain, a wedge for separating said sliding blocks and means for operating said wedge, whereby said chain may be clamped against motion to said platform.

In testimony whereof I have affixed my signature.

FRANK MAJEWSKI.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."