Nov. 1, 1949 E. STAPAN 2,486,994

WHEELED TOY

Filed July 26, 1948 2 Sheets-Sheet 1

Fig. 1.

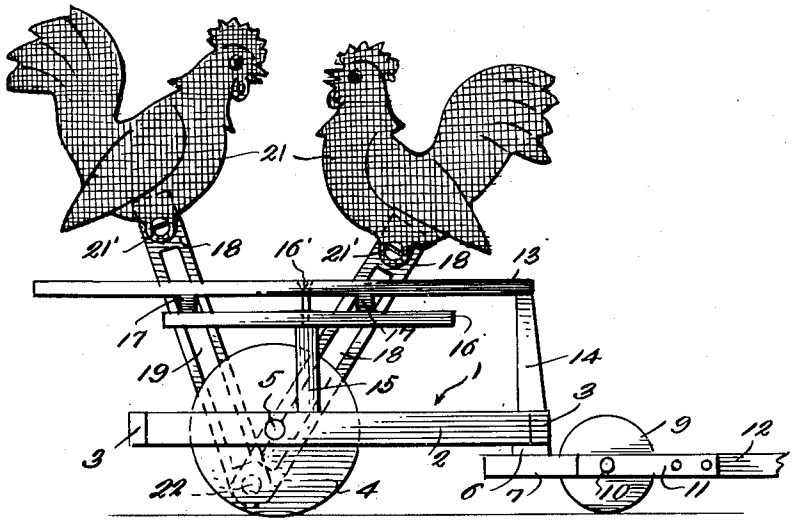


Fig. 2.

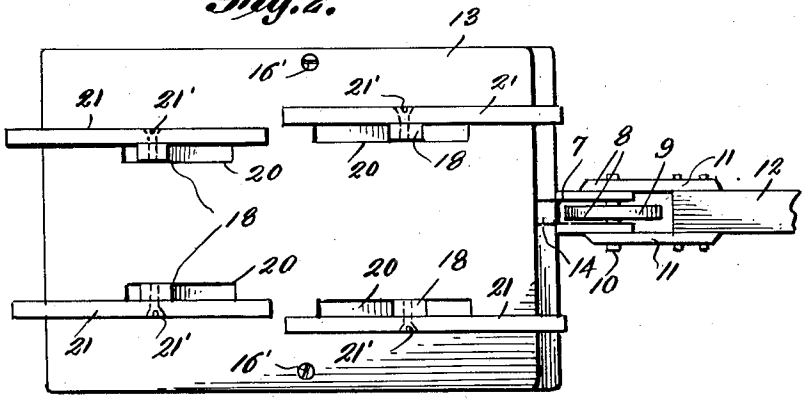


Fig. 3.

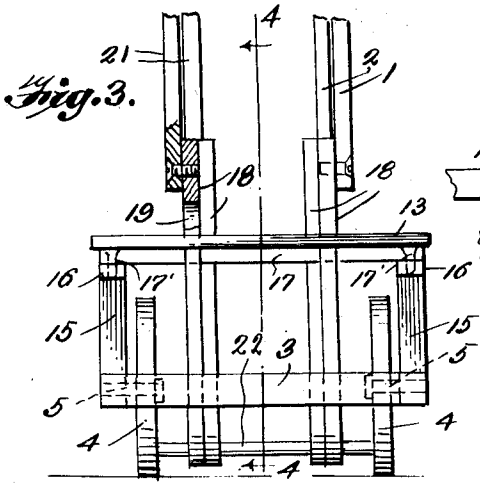
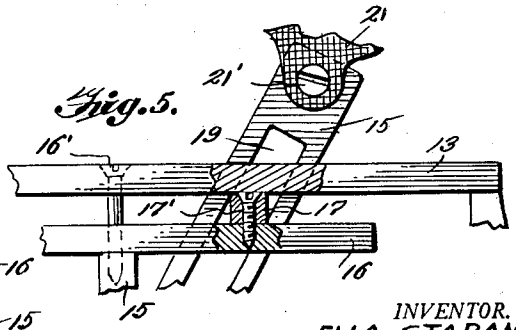


Fig. 5.



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Filed July 26, 1948 2 Sheets-Sheet 2

Fig. 4.

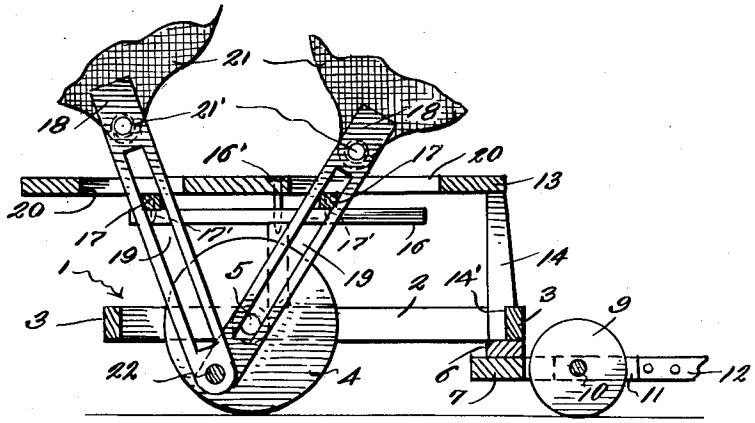


Fig. 6.

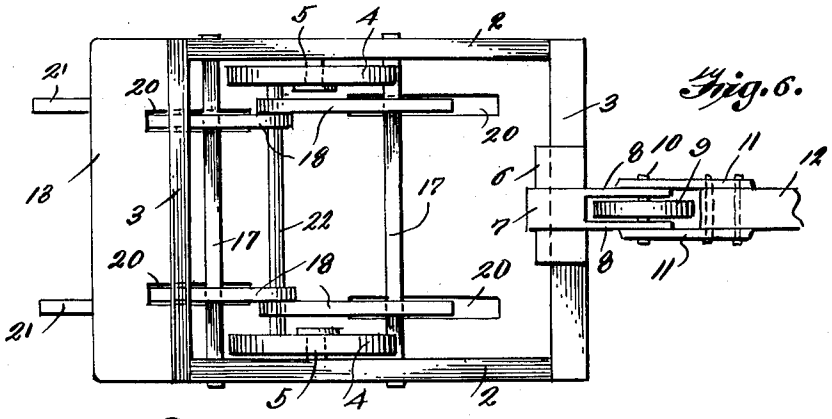
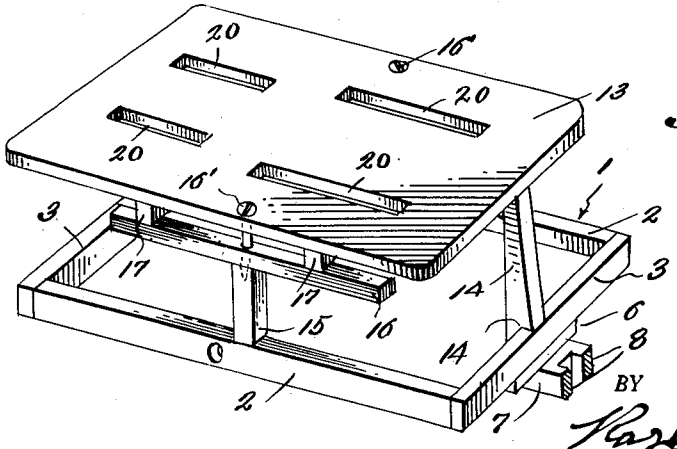


Fig. 7.



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2,486,994

WHEELED TOY

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5 Claims. (Cl. 46—123)

1

This invention relates to toys and more particularly to a toy intended for amusement of small children, it being one object of the invention to provide a toy adapted to be drawn along a sidewalk or floor and thereby actuated so that roosters or equivalent objects mounted over a platform of the toy will be alternately moved toward and away from each other as though they were fighting.

Another object of the invention is to provide a trundle toy wherein the roosters or equivalent objects are carried by bars so connected with wheels of the toy that as the wheels are turned during movement of the toy the bars will be reciprocated vertically and also tilted towards and away from each other and life-like fighting movements imparted to the roosters.

Another object of the invention is to provide a toy wherein the bars are formed with longitudinally extending slots through which guide rods pass, the said guide rods extending transversely of the table or platform of the toy and being rigidly mounted between the table and supports for the table in such manner that they will very effectively impart tilting movement to bars and cause the roosters to be moved toward and away from each other as though fighting.

Another object of the invention is to provide a toy which may be easily operated by a small child and which is of simple construction and capable of being manufactured at small cost.

The invention is illustrated in the accompanying drawings wherein:

Fig. 1 is a side view of the improved toy.

Fig. 2 is a top plan view of the toy.

Fig. 3 is a rear elevation of the toy.

Fig. 4 is a longitudinal sectional view taken vertically through the toy along the line 4—4 of Figure 3.

Fig. 5 is a fragmentary view upon an enlarged scale showing a portion of the toy partially in elevation and partially in section.

Fig. 6 is a bottom plan view of the toy.

Fig. 7 is a perspective view of the toy with portions omitted.

This improved toy is a trundle toy for the amusement of small children and has a carriage or chassis 1 formed of side bars 2 and end bars 3 which are nailed or otherwise firmly secured to ends of the side bars. Wheels 4 are rotatably mounted at opposite sides of the carriage by stub shafts 5. A block 6 is secured against the under face of the front and bar midway its length and against the under face of this block is mounted a fork or bracket 7 having

2

forwardly projecting arms 8 between which a front wheel 9 is rotatably mounted by a pin or axle 10. The pin 10 also passes through rear end portions of arms 11 projecting rearwardly from opposite sides of a handle 12 and serves as a pivot about which the handle may be swung vertically to a position in which it may be readily grasped by a child and the toy drawn along a pavement or floor or shifted forwardly and rearwardly according to the wishes of the child playing with the toy.

In upwardly spaced relation to the carriage is a platform 13 having its front end supported by a prop or standard 14 having its upper end secured to the under face of the platform midway the width thereof and having its lower end portion notched, as shown at 14', and secured against the rear face of the front end bar 3 of the carriage, the lower end of the prop resting upon the protruding rear portion of the block or strip 6. Standards 15 extend upwardly from the side bars 2 of the carriage midway the length thereof and at their upper ends carry cross heads 16 formed of strips which extend longitudinally of the platform under opposite sides thereof and are secured to the standards by screws 16' which also pass through side edge portions of the platform 13. Rods 17 which extend transversely of the platform and the carriage have their ends resting upon the cross heads 16, and since they are secured to the cross heads by screws 17' they will be held stationary upon the cross heads.

Bars 18 which are formed with longitudinally extending slots 19 extend vertically through front and rear slots 20 formed longitudinally of the platform near opposite side edges thereof and at their upper ends carry figures 21 cut from thin wood or other suitable sheet material and secured to the bars 18 by screws 21'. In the present illustration the figures 21 represent roosters in fighting pose, but it will be understood that the figures could represent other birds or animals if so desired. Since the figures are secured to the bars by screws they may be tilted to positions in which they are in proper stance relative to the bars and each other and the screws then tightened to firmly hold them in the set positions. The rods 17 pass through the slots 19 and lower ends of the bars are pivoted to a rod 22 which extends between the wheels and is connected with the wheels in eccentric relation to the wheels. When the toy is moved along a floor or other surface forwardly or rearwardly the wheels turn and as they turn the pitman bars 18 will be reciprocated longitudinally through the

slots 20 and have tilting movements about the rods 17 and the roosters will be moved toward and away from each other in very realistic imitation of roosters fighting.

Having thus described the invention, what is claimed is:

1. A toy comprising a frame having side bars and front and rear end bars, wheels rotatably carried by the side bars, a block mounted under the front cross bar midway the width of the frame, a bracket mounted against the lower face of said block and having arms projecting forwardly, a handle, arms projecting rearwardly, from opposite sides of the rear end of said handle and overlapping of the arms of the bracket, a front wheel between the arms of said bracket, a pin passing through the wheel and the overlapped arms of the bracket and the handle and serving to rotatably mount the front wheel and pivotally mount the handle, a standard secured to and extending upwardly from the front bar midway the width of the frame and having its lower end resting upon said block, standards extending upwardly from the side bars midway the length of the frame and having cross heads at their upper ends extending longitudinally of the frame, guide rods extending transversely of the frame with their ends resting upon the cross heads and firmly secured thereto, a platform over said frame resting upon the guide rods and secured to the upper ends of the front standard, and the side standards said platform having opposite side edge portions formed with front and rear longitudinally extending slots, pitman bars extending vertically through the slots and formed with longitudinally extending slots through which the guide rods pass, objects at upper ends of the pitman bars representing birds or animals in fighting stance, and a cross rod extending transversely of the frame and through pivot openings in lower ends of the pitman bars and connected with the side wheels in eccentric relation thereto and serving to shift the pitman bars vertically and tilt the same about the guide rods to move the objects toward and away from each other as the side wheels turn.

2. A toy comprising a carriage having side bars and front and rear end bars, a bracket projecting forwardly from the front end bar, a front wheel rotatably carried by said bracket, a handle pivoted to and projecting forwardly from said bracket, side wheels rotatably carried by the side bars, standards rising from the side bars and the front end bar, the side standards having cross heads at their upper ends extending longitudinally of the carriage, guide rods extending transversely of the carriage with their ends and having their ends firmly secured to the cross heads, a platform over the carriage secured to the front standard and the side standards and having side portions formed with longitudinally extending front and rear slots, pitman bars extending vertically through the slots and formed with longitudinally extending slots through which the guide rods pass to tiltably support the pitman bars, objects at upper ends of the pitman bars, and a cross rod passing through pivot openings at lower ends of the pitman bars and connected with the side wheels in eccentric relation thereto and causing the pitman bars to be shifted longitudinally and tilted about the guide rods to move the fighters toward and away from each other as the side wheels turn.

3. A toy comprising a carriage having wheels rotatably mounted at its sides, a handle projecting from one end of the carriage, supports rising from the front end and opposite sides of the carriage, guide rods rigidly carried by the supports and extending transversely across the carriage in spaced relation to each other longitudinally of the carriage, a platform secured to the front standard and the supports and resting upon the guide rods and formed with longitudinally extending front and rear slots, pitman bars extending vertically through the slots in the platform and formed with longitudinally extending slots through which the guide rods pass to mount the pitman bars for vertical sliding movement and permit tilting movement thereof longitudinally of the platform, objects at upper ends of the pitman bars representing fighters, and a rod passing through pivot openings at lower ends of the pitman bars and connected with the wheels in eccentric relation thereto for imparting movements to the pitman bars and shifting the fighters toward and away from each other as the wheels turn.

4. A toy comprising a carriage having wheels at its sides, a platform supported over said carriage and formed with longitudinally extending front and rear slots, guide rods rigidly mounted under said platform extending transversely thereof, pitman bars extending vertically through the slots and formed with longitudinally extending slots through which the guide rods pass to tiltably mount the pitman bars, objects at upper ends of the pitman bars representing fighters, and mounted for tilting movement to adjusted positions and a pivot rod passing through pivot openings at lower ends of the pitman bars and having its ends connected with the wheels in eccentric relation thereto.

5. A toy comprising a carriage having wheels at its sides, a platform supported horizontally over said carriage and formed with longitudinally extending front and rear slots, guide rods under said platform extending transversely thereof and rigidly secured pitman bars extending vertically through the slots in the platform and formed with longitudinally extending slots through which the guide rods pass to tiltably mount the pitman bars, and guide longitudinal movement thereof and a member pivotally mounting lower ends of the pitman bars and connecting the same with the wheels in eccentric relation thereto for sliding the pitman bars longitudinally and tilting the same about the guide rods as the wheels turn.

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The following references are of record in the file of this patent:

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