A. MOZDZIERZ.

FIGURE WHEELED TOY.

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1,230,202.

Patented June 19, 1917.

Fig. 3.

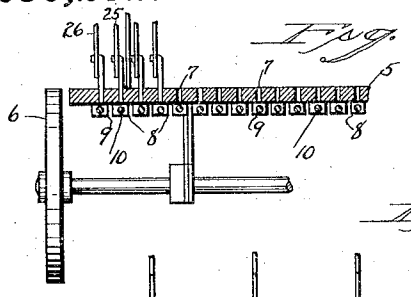


Fig. 4.



Fig. 1.

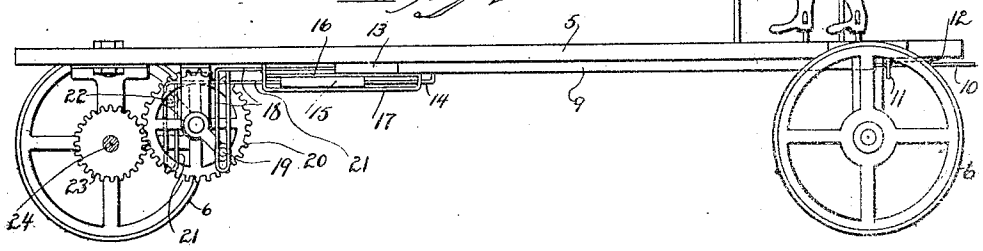
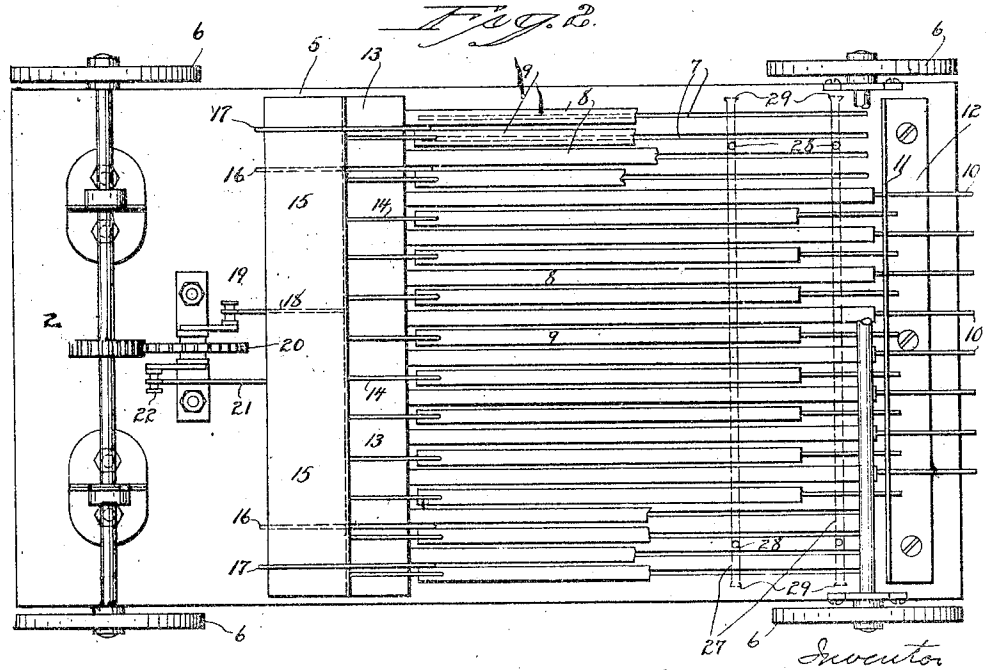


Fig. 2.



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FIGURE WHEELED TOY.

1,230,202. Specification of Letters Patent. Patented June 19, 1917.

Application filed September 22, 1916. Serial No. 121,600.

To all whom it may concern:

Be it known that I, ALOYSIUS MOZDZIERZ, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Wheeled Toys; and I do hereby declare the following, when taken in connection with the accompanying drawings and the characters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this application, and represent, in—

Figure 1 a side view of my improved toy with one of the forward wheels and supporting brackets therefor, removed.

Fig. 2 an underside view with a portion of some of the bars and a portion of the rear axle broken away.

Fig. 3 a broken transverse sectional view.

Fig. 4 a side view of one of the bars detached, showing provision for five rows of figures.

This invention relates to an improvement in figure wheeled toys, and particularly to that class which include a figure to be moved by the turning of the wheels, the object of the invention being to provide a toy containing a series of figures which will simultaneously move as the toy is propelled.

In carrying out my invention I employ a platform 5 of suitable size which is mounted to run upon wheels 6. The platform is formed with a series of longitudinal slots 7, more or less in number according to the number of figures to be mounted thereon, and below the platform and in line with the slots are two series of rods 8 and 9. These rods may be supported in any desired manner. As herein shown they are provided at one end with pins 10 which project through the flange 11 of a bracket 12. At the forward ends the bars 8 are connected with a transverse slide 13, while the bars 9 are connected by pins 14 with a slide 15, the slide 15 being parallel with the slide 13. The slide 13 is supported by loops 16, while the slide 15 is supported by loops 17, so that they may be moved longitudinally of the platform, and hence move the bars. The slide 13 is connected by a pitman 18 with a crank 19 on a gear wheel 20, while the slide 15 is connected by a pitman 21 with a crank 22 on the same gear wheel 20, the gear wheel 20 meshing with a pinion 23 on the forward axle 24, and so that as the toy is propelled, one slide moves forward as the other slide is moving backward, and vice versa. The bars are arranged in pairs, and to each pair a figure is connected. As herein shown the figure is a soldier with one leg 25 fixed to one of the bars 8, while the other leg 26 is fixed to the next adjacent bar 9. These figures are arranged in rows, and as many rows as desired may be mounted upon the platform. As herein shown also the figures are all mounted upon a horizontal bar 27 supported between its ends by uprights 28, the ends 29 of the horizontal bar being headed to prevent the outside figures from becoming detached. As the toy is propelled the axle 24 turning the pinion 23 turns the gear 20 and rotates the cranks 19 and 22 so as to move the slides 13 and 15 back and forth, and these slides move the rods 8 and 9 so as to move the feet 25 and 26 of the figures back and forth, all the figures having simultaneous movement so that if the figures represent rows of soldiers they will step in unison. It may here be stated that as is common with wheel toys, a spring motor may be employed to turn the axle 24, or the toy may be drawn by a cord.

While I have indicated provision for five rows of figures, it is obvious that these rows may be multiplied to the limit of the length of the platform which may be of any desired dimensions.

I claim:—

1. A wheeled toy comprising a platform formed with two longitudinal slots, a bar arranged beneath each of said slots and guided for longitudinal movement, two transverse slides one connected to each of said bars, means for moving said slides, and a figure having two members one connected to each of said bars.

2. A wheeled toy comprising a platform formed with longitudinal slots, a series of bars arranged beneath said slots, two transverse slides, alternate bars connected to one slide, and the remaining bars connected to the other slide, means for moving the slides and bars back and forth, and a figure connected to each pair of bars.

3. A wheeled toy comprising a platform formed with longitudinal slots, bars beneath said slots, two transversely arranged slides beneath said platform, alternate bars connected with one of said slides, the remaining bars connected with the opposite slide, a double crank connected with the respective

slides, a figure connected to each pair of slides, and a horizontal bar supporting said figures.

4. A wheeled toy comprising a platform formed with a series of longitudinal slots arranged in pairs, a bar beneath each of said slots, said bars guided for longitudinal movement, two transversely arranged slides also guided for movement in the direction of the bars, alternate bars connected to one of said slides, the intermediate bars connected to the other slide, said bars formed at their rear ends with pins, a bracket to support said pins, a gear wheel, a crank connected with each side of said gear wheel, said cranks extending in opposite directions, connections between one crank and one slide, and between the other crank and the other slide, and means for turning said gear wheel.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

ALOYS MOZDZIERZ.

Witnesses:
MICHAEL JOY,
ARTHUR B. RUSSELL.