A. DAYON.

TOY.

APPLICATION FILED DEC. 19, 1919.

1,354,381. Patented Sept. 28, 1920.

Fig. 1.

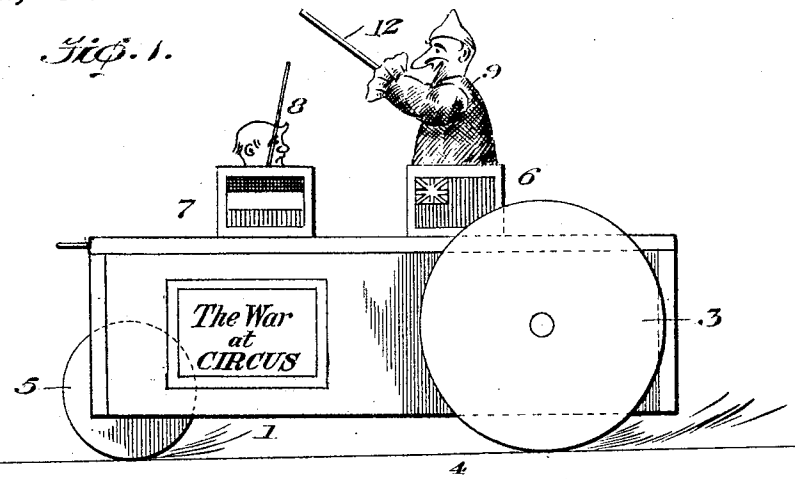


Fig. 2.

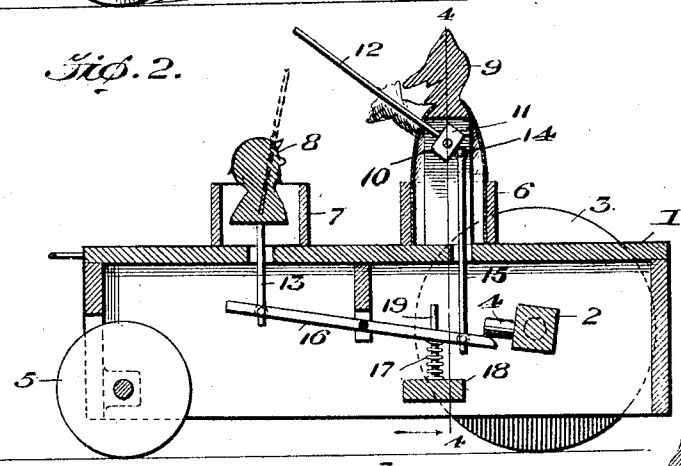


Fig. 3.

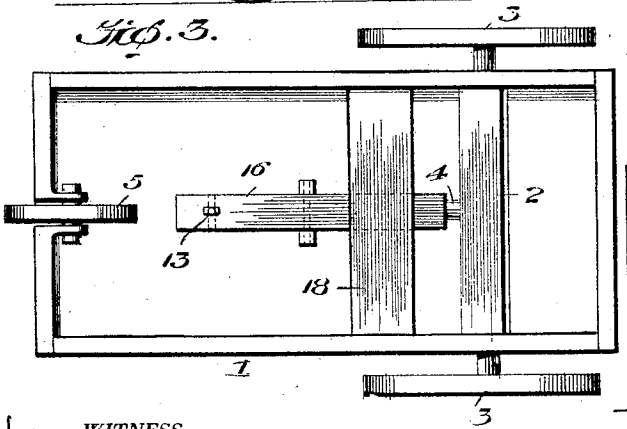
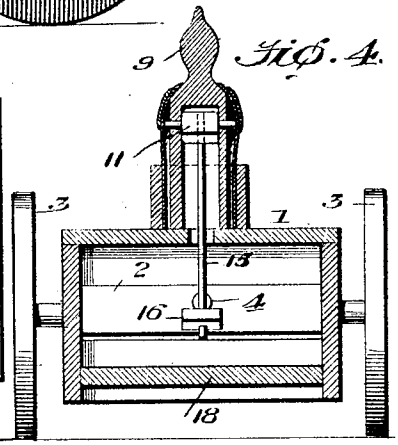


Fig. 4.



WITNESS:

INVENTOR.

BY Albert Dayon

Victor J. Evans

ATTORNEY.

UNITED STATES PATENT OFFICE.

ALBERT DAYON, OF DOLLARD, SASKATCHEWAN, CANADA.

TOY.

1,354,381. Specification of Letters Patent. Patented Sept. 28, 1920.

Application filed December 19, 1919. Serial No. 345,965.

To all whom it may concern:

Be it known that I, ALBERT DAYON, a subject of the King of England, residing at Dollard, in the Province of Saskatchewan, Dominion of Canada, have invented new and useful Improvements in Toys, of which the following is a specification.

My present invention pertains to toys of the kind in which figures are actuated by a ground wheel or wheels as the toy is moved along the ground; and it contemplates the provision of a toy, of the kind described, which while simple, inexpensive and strong in construction, is calculated to excite the interest and afford considerable amusement to a child.

To the attainment of the foregoing, the invention consists in the peculiar and advantageous toy, hereinafter described and definitely claimed.

In the accompanying drawings, hereby made a part hereof:

Figure 1 is a side elevation of my novel toy.

Fig. 2 is a longitudinal vertical section of the same.

Fig. 3 is an inverted plan of the toy.

Fig. 4 is a transverse section, taken in the plane indicated by the line 4—4 of Fig. 2.

Similar numerals of reference designate corresponding parts in all of the views of the drawings.

Among other elements my novel toy comprises a casing-like body 1 that is open at its lower end.

Journaled in the side walls of the body 1 is an axle 2 that has fixed thereon ground wheels 3, and is provided at about its center with a tappet 4. The forward portion of the body 1 is supported by a ground wheel 5.

Extending upwardly from the top wall of the body 1 are hollow projections 6 and 7, and movable vertically in the projection 7 is a figure 8 simulating a clown or the like, and equipped, by preference, with a stick.

Disposed in the projection 6 is a stationary figure 9 having a movable arm 10 and also having a rock-shaft 11 on which is a forwardly extending rod 12 to which the arm 10 is connected so that the two will move in concert. The rod 12 is designed to simulate a stick that is wielded by the figure 9 and is designed to strike on or near the figure 8 coincident with sudden downward movement of the figure 8.

Connected to and depending from the figure 8 is a rod 13, and connected to and depending from a crank 14 on the rock-shaft 11 is a rod 15. Fulcrumed in the body 1 is a lever 16 the arms of which are connected to the rods 13 and 15. A coiled spring 17 is interposed between the rear arm of the lever 16 and a lower cross-bar 18 in the body, said spring being held against lateral deflection by a pin 19 that rises from the cross-bar 18 and extends loosely through the spring and also through the rear arm of the lever 16.

It will be apparent from the foregoing that incidental to forward movement of the toy, the tappet 4 will engage and depress and suddenly release the rear arm of the lever 16; also, that the said rocking of the lever will be attended by raising of the forward figure 8, and also by raising of the stick or rod complementary to the rear figure 9. Then when the lever 16 is released from the tappet 4, the spring alluded to operates to suddenly depress the figure 8 and violently swing the rod of the rear figure 9 downwardly so that the effect is as if the figure 8 is knocked downwardly through the medium of the stick or rod wielded by the figure 9. This operation of course is repeated frequently in concert with forward movement of the toy, and is obviously calculated to amuse and maintain the interest of a child.

It will also be apparent from the foregoing that my novel toy is susceptible of being cheaply and strongly manufactured, and that it is well adapted to withstand the rough usage to which figure toys are ordinarily subjected.

As shown in Fig. 1, I prefer to denominate my toy "The War at Circus," and I also prefer to embellish the projections 6 and 7 with the flags of the entente and the central powers, respectively; the flag of Great Britain being on the projection 6 and the flag of Germany being shown on the projection 7. When the toy is embellished in the manner described, the amusement that it is calculated to afford will be manifestly increased, inasmuch as the operation of the toy is attended by the clubbing of the central powers by the entente.

Having described my invention, what I claim and desire to secure by Letters-Patent, is:

1. A toy comprising a casing-like body

open at its under side, a transverse shaft or axle journaled in the side walls of the body and provided with ground wheels and a tappet, hollow projections on the upper side of the body, a fixed figure in one of said projections, a vertically movable figure in the other projection, a rock-shaft journaled in the fixed figure and having a forwardly extending rod and also having a rearwardly extending crank, a rod connected to the vertically movable figure and extending downwardly through the top wall of the body into the interior thereof, a rod connected to the crank of the rock-shaft and extending downwardly through the top wall of the body and into the interior thereof, a vertically swinging lever fulcrumed at an intermediate point of its length in the body and having its arms connected to said rods and also having one of its arms arranged to be engaged and depressed and suddenly released by said tappet, a cross-bar in the body below said arm, a pin carried by said cross-bar and extending upwardly and loosely through said arm, and a spring surrounding the pin and interposed between said cross-bar and the under side of said arm.

2. A toy comprising a body, a ground wheel connected with the body, a vertically movable figure, a second figure provided with a rock-shaft on which is a rod and a crank, a lever mounted in the body and having arms connected with the vertically movable figure and the crank of the rock-shaft, a tappet actuatable by the ground wheel for depressing and suddenly releasing one arm of the lever, and a spring that is tensioned by said depression of said arm and serves on the release thereof to suddenly raise the arm and rock the lever.

In testimony whereof I affix my signature.

ALBERT DAYON.