No. 884,692. PATENTED APR. 14, 1908.

H. E. WAGGAMAN.

TOY.

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Fig. 1.

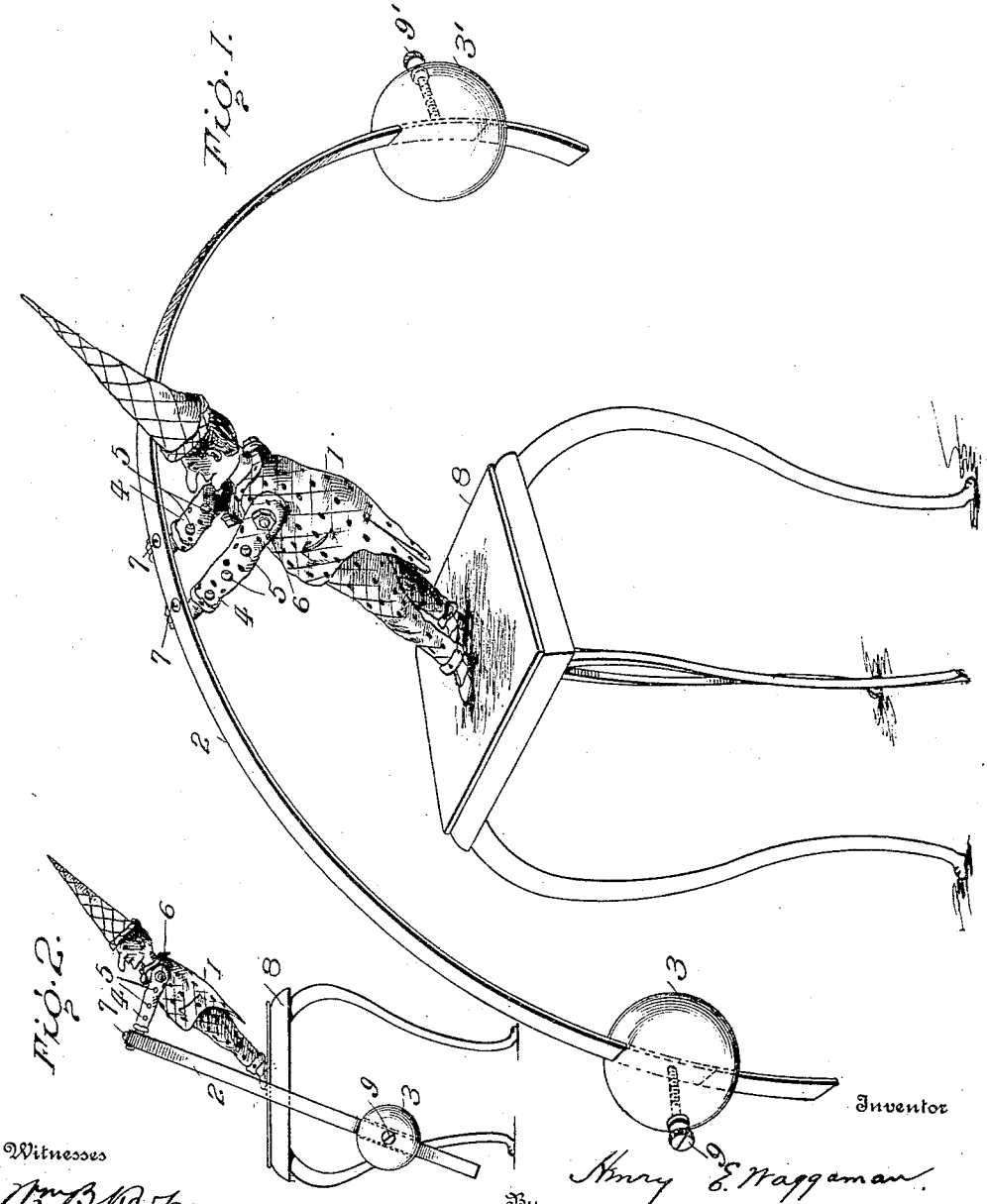


Fig. 2.

Witnesses

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TOY.

No. 884,692. Specification of Letters Patent. Patented April 14, 1908.

Application filed December 3, 1904. Serial No. 235,364.

To all whom it may concern:

Be it known that I, HENRY E. WAGGAMAN, of Annapolis, Maryland, have invented a new and useful Improvement in Toys, which invention is fully set forth in the following specification.

This invention relates to toys and especially to figure toys in which the center of gravity of the body of the figure is lowered beneath its point of support by means of adjustable weights and in which different degrees of stability are given to the figure whereby the body may assume various grotesque positions while the figure is in rotation.

Referring to the accompanying drawings, Figure 1 is a perspective view showing the toy as viewed from the side and rear; and Fig. 2 is a side elevation thereof.

1 is the body of the figure shown in a backwardly inclined position with arms 4 extended grasping a balancing hoop 2 of light material such as wood or metal, and which is provided with adjustable weights 3 of similar material. These weights are provided with means for fixing them in any position along the hoop 2, as for example by set screws 9. Removably attached to the shoulders of Fig. 1, are arms 4, through which pass a bolt 6, provided with a nut to secure the arms firmly in position. Each arm is also provided with adjusting holes 5, for receiving bolt 6, whereby different lengths may be given the arms, thus enabling the figure to assume various inclinations to the vertical. The hoop is made fast to the hands by screws or bolts 7. The feet are preferably given an obtuse angle at the instep to give them an extended contact with the support 8 and accentuate the unnatural and ridiculous posture of the figure.

The several parts of the toy are now assembled and adjusted. This is accomplished by passing the bolt 6 through any two corresponding sets of holes 5 in the arms and securing the latter at any desired angle to the body by screwing down the nuts on rod 6. The hoop is secured to the hands by screws 7, and the balancing weights 3 are then adjusted along the hoop 2, till they bring the center of gravity of the figure below the feet or point of support. Such position will be recognized since the figure will assume a position of stable equilibrium. If now the weights are caused to revolve in a practically horizontal plane about the point of support of the figure, the latter will increase its inclination from the vertical while swaying around on its feet and finally rise to its original position again as the balancing weights come to rest.

Having thus described the invention, what is claimed is:—

1. In a toy, a figure, arms attached to said figure, means for adjusting the arms to said figure, a weight-supporting member fast to said arms, and adjustable balancing weights on said member.

2. In a toy, a figure, a curved bail provided with adjustable balancing weights, parallel arms fast to said bail and provided each with a series of openings, and means engaging said openings for fastening said figure in any desired position on said arms.

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

HENRY E. WAGGAMAN.

Witnesses:
HORACE E. CROW,
K. E. MALONE.