

964,447.

Patented July 12, 1910.

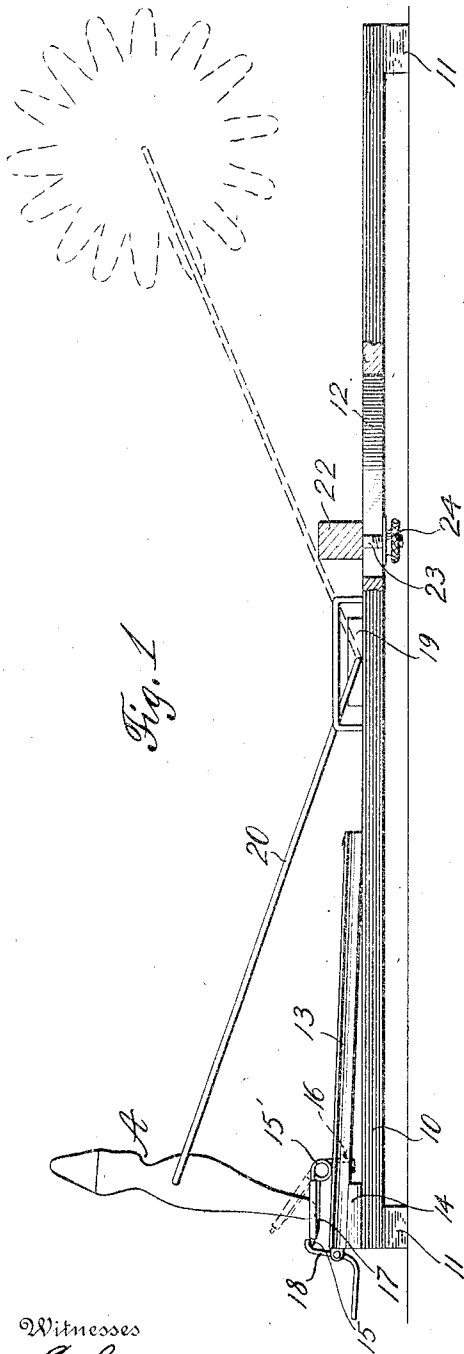


Fig. 1



Fig. 3

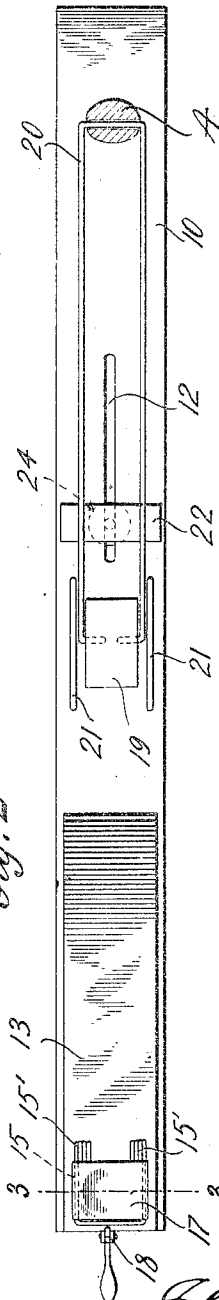


Fig. 2

Witnesses

E. Larson
Charles Wilson

By

Inventor
E. C. McQueen
Beeler Cobb
Attorney

UNITED STATES PATENT OFFICE.

ELVIE CLARANCE McQUEEN, OF OAKLAND, ILLINOIS.

TOY.

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To all whom it may concern:

Be it known that I, ELVIE CLARANCE McQUEEN, a citizen of the United States, residing at Oakland, in the county of Coles and State of Illinois, have invented certain new and useful Improvements in Toys, of which the following is a specification.

This invention has reference to toys, and is designed to provide a device of this nature wherein a figure is made to perform various feats.

With the above and other objects in view, this invention consists of the construction, combination and arrangement of parts all as hereinafter more fully described, claimed and illustrated in the accompanying drawings, wherein:

Figure 1 is a side elevation partly in section of a device constructed in accordance with the present invention, illustrating the same set and the position taken thereby after it has been released; Fig. 2 is a top plan view thereof partly in section; Fig. 3 is a transverse section of the starting platform taken along line 3-3 of Fig. 2.

The main body portion of the present invention comprises a longitudinal platform 10 supported at each extremity by the transverse blocks 11. This platform is provided with a longitudinally extending slot 12 therein to one side of the transverse center of said platform. A bar 13 is secured to the extremity of the platform 10 opposite to the side thereof containing the slot 12, the outer terminal of which is spaced from the platform by the block 14. A coil spring 15 is secured to the bar 13 adjacent to the block 14, the free terminals 16 of said spring passing through the bar aforesaid and bent outwardly securing said spring to the bar. This spring comprises a U-shaped member which is provided with the coils 15' in the arms thereof, the U-shaped extremity of said spring being of such a construction that the same is adapted to rest approximately vertical when permitted to act freely. A platform 17 is secured to the arms of the U-shaped portion of the springs 15 and forms a means whereby the figure carried by the platform 10 may be operated. An angular trigger 18 is pivoted to the end of the bar 13 and is adapted to engage the base of the U-shaped portion of the spring 15. When the trigger 18 releases the base, the spring acts and raises the platform to an approximately vertical position, which action will cause a

figure or the like supported by said platform to be forcibly projected therefrom. A pivot block 19 is centrally disposed with respect to the longitudinal axis of the platform 10 and has pivoted therein the U-shaped spring support 20 of the figure A, the terminals of the arms of said U-shaped member being bent inwardly and engaged by said block. To provide for the accurate swing of said support about the block 19, the longitudinal guides 21 are disposed on each side of said block and are adapted to bear normally against the arms of said U-shaped supporting member. The figure A is pivoted to the base portion of the supporting member 20 and is of such a construction that the same is adapted to rest normally in a vertical position, one extremity thereof being slightly heavier than the opposite extremity. A block 22 provided with the screw 23 therein is adjustable longitudinally over the slot 12 through the instrumentality of said screw 23 which projects through said slot and is engaged by a nut 24. This nut retains the block in various positions in the slot and consequently provides for the adjustment of said block.

In operation, when the figure A is forcibly removed from the platform 17 by the action of the spring 15, the support 20 swings about the block 19 until the arms of said support contact with the block 22, which due to the resilience of the support 20 causes the figure A to rotate about its axis and perform various antics and feats.

Having thus described my invention, what is claimed as new is:

1. In a device of the class described, the combination with a supporting platform, of a figure, a spring support for said figure pivotally secured to said platform, means whereby said support may be swung about its pivot, and means whereby the various motions of the figure may be regulated.

2. In a device of the class described, the combination with a platform, of a figure pivotally connected thereto, and means whereby said figure may be caused to swing about its pivotal point comprising a spring member carried at one terminal of said platform in combination with a trigger.

3. In a device of the class set forth, the combination with a platform, of a figure pivotally mounted on said platform, a spring member forming a platform secured to one extremity of the main platform, a

trigger adapted to release said spring member thereby causing the figure to swing about its pivotal point, and an adjustable stop for said figure, thereby causing the same to operate in various ways.

4. In a device of the class described, the combination with a platform, of a central pivotal block carried thereby, guides disposed on each side of said block, a support pivoted to said block, a figure carried by said support, means whereby said support may be caused to swing about said pivotal point; a slidable stop carried by the platform adjacent to said central pivotal block whereby the spring imparted to said support may be regulated.

5. In a device of the class described, the combination with a platform, having a longitudinal slot therein, a spring support pivotally connected to said platform, a figure carried by said support, means whereby said support may be swung about its pivotal point, and a block adjustable in said slot adapted to regulate the motion of the figure.

In testimony whereof I affix my signature in presence of two witnesses.

ELVIE CLARANCE McQUEEN.

Witnesses:

E. P. WHITE,
F. C. WINKLER.