I. GRGIC.

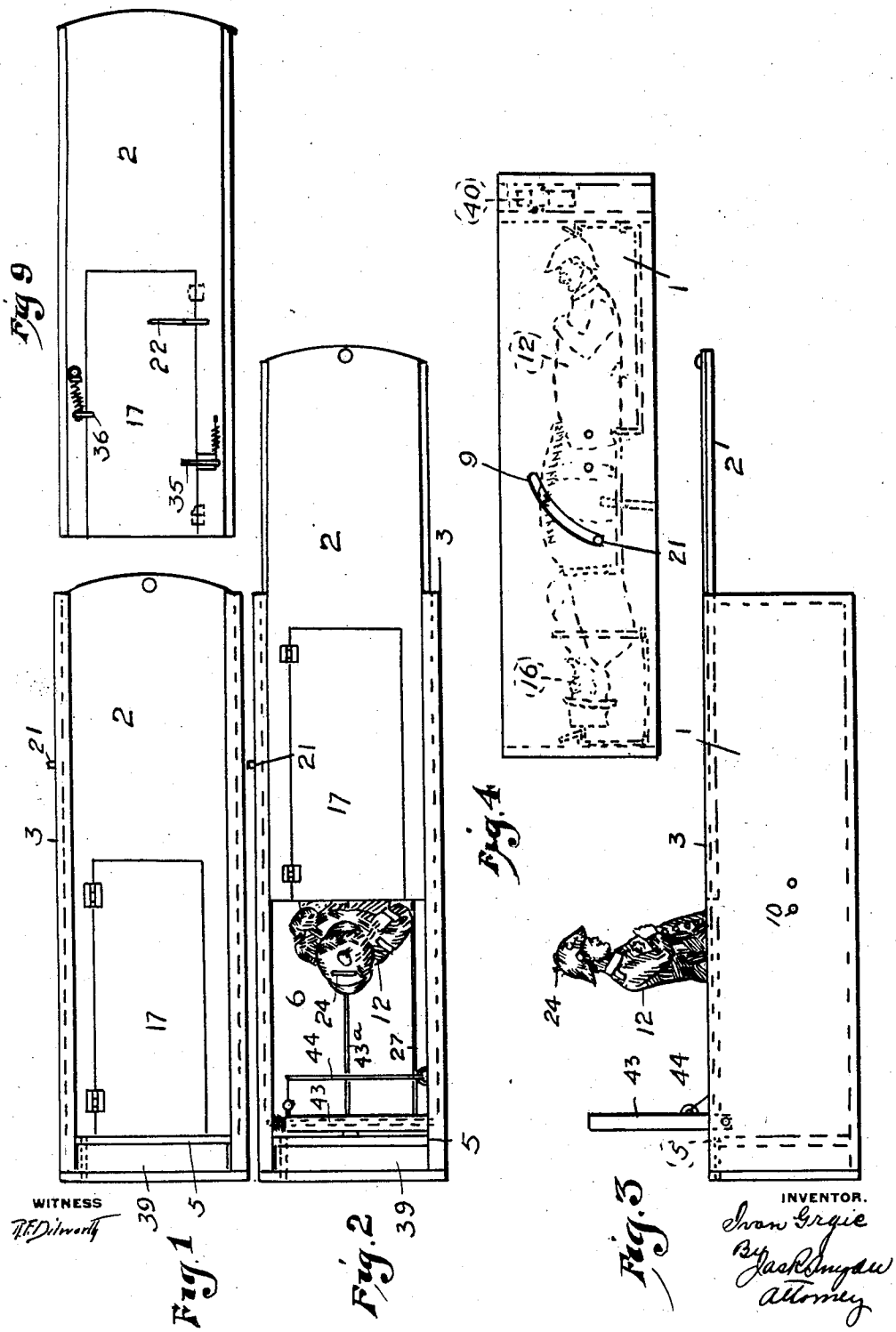
TOY.

APPLICATION FILED SEPT. 18, 1919.

1,347,696.

Patented July 27, 1920.

2 SHEETS—SHEET 1.



I. GRGIC.

TOY.

APPLICATION FILED SEPT. 18, 1919.

1,347,696.

Patented July 27, 1920.

2 SHEETS—SHEET 2.

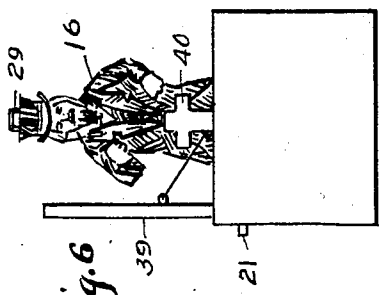


Fig. 6

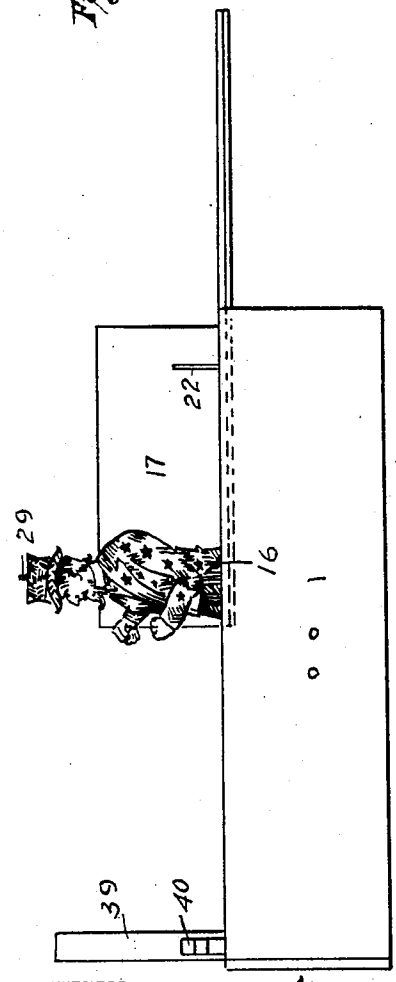


Fig. 5

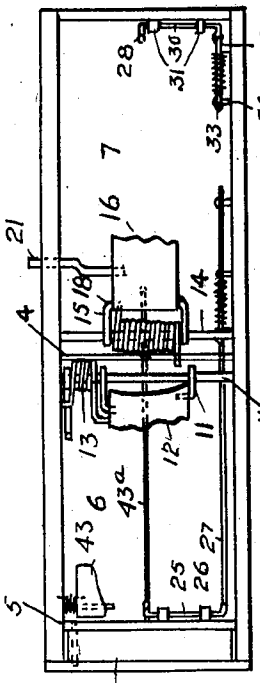


Fig. 8

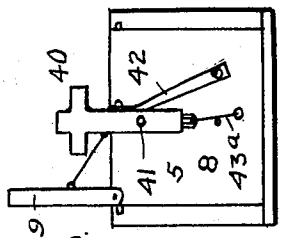


Fig. 10

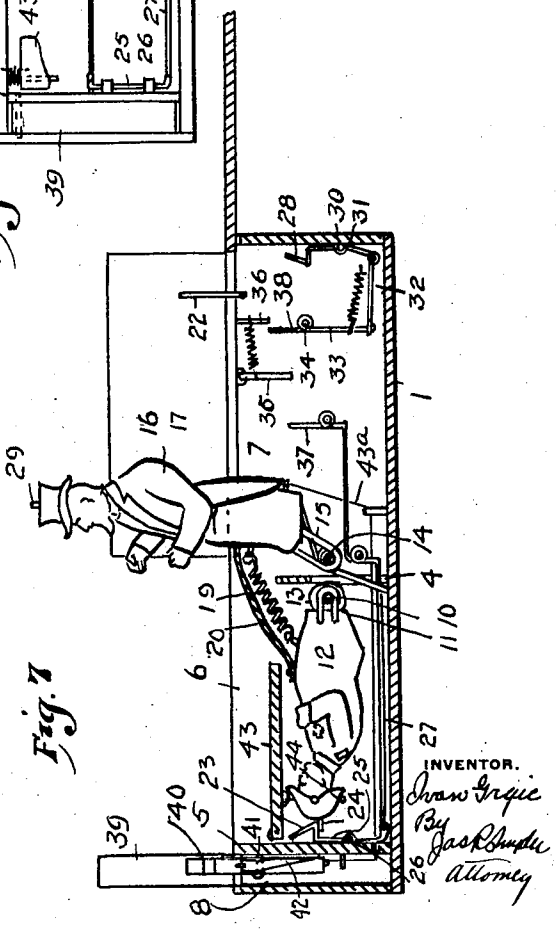


Fig. 7

WITNESS

R. F. Dilworth

INVENTOR.

Ivan Grgic

By Jack Chipley

Attorney

UNITED STATES PATENT OFFICE.

IVAN GRGIC, OF CONWAY, PENNSYLVANIA.

TOY.

1,347,696. Specification of Letters Patent. Patented July 27, 1920.

Application filed September 18, 1919. Serial No. 324,370.

To all whom it may concern:

Be it known that I, IVAN GRGIC, a citizen of the Republic of Jugo Slavia, residing at Conway, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Toys, of which the following is a specification.

This invention relates to figure toys, and has for its object to provide a device, in a manner as hereinafter set forth, of such class or figure toy providing, when operated, considerable interest and amusement, and further providing a figure toy which is simple in its construction, strong, durable, amusing when used, readily operated and conveniently set for operation, and comparatively inexpensive to manufacture.

With the foregoing and other objects in view the invention consists of the novel construction, combination and arrangement of parts as hereinafter more specifically set forth and illustrated in the accompanying drawings, wherein is shown an embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which come within the scope of the claim hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views:—

Figure 1, is a top plan view of the casing with the device closed.

Fig. 2, is a like view with the casing partly opened and with one of the figures projected.

Fig. 3, is a side view of Fig. 2.

Fig. 4, is a side elevation with the device closed, showing the figures in dotted lines.

Fig. 5 is a side elevation and Fig. 6 an end view of the casing open with another of the figures extended or projected.

Fig. 7, is a sectional side elevation of Fig. 5.

Fig. 8, is a top plan view, broken away, of the casing with the cover removed.

Fig. 9, is an inverted plan of the lid or cover for the casing.

Fig. 10, is a detail.

Referring to the drawings in detail the device includes a casing comprising a body portion 1 and a cover 2, the latter sliding in guideways 3, extending longitudinally of the top of the sides of the body portion 1. Arranged within the body portion 1, are transverse partitions 4, 5 which form compartments 6, 7 and 8. One of the side walls of the body portion 1 is formed with a curved slot 9.

Within the compartment 6 is arranged a transverse shaft 10, on which is pivoted the base 11, of a spring controlled miniature figure 12, adapted to be projected upwardly when the cover 2 is slid from over the compartment 5. The spring which controls the figure 12, is mounted on the shaft 10, and has one end connected with the body portion 1 and the other end thereof to the base 11. Under normal conditions the figure 12 is disposed longitudinally of the compartment 5, see Fig. 4. The controlling spring is indicated at 13.

Within the compartment 7 is arranged a transverse shaft 14, on which is mounted the base 15, of a spring controlled miniature figure 16, adapted to be projected upwardly when a spring controlled door 17, carried by the cover 2 is opened. The spring which controlls the figure 16 is mounted on the shaft 14, is indicated at 18, and has one end connected with the base 15 and its other end fixed to the body portion 1.

The figures 12 and 16 are so arranged relatively to each other that when the figure 16 is projected the figure 12 will be lowered into the compartment 4. The figures 12 and 16 are connected together by a spring 19 which is covered by a strip 20. Projecting laterally from the figure 16 is a handle 21 which extends through the slot 9 and is used for lowering the figure 16 within the compartment 4. The door 17 is formed with an arm 22 which is in the path of the figure 16 so that when the latter is lowered the arm 22 will be engaged thereby and the door maintained closed until the figure 16 is projected.

At the forward end of the compartment 7, at the partition 5, is arranged a pivoted latch 23, adapted to engage a projection 24, on the head of the figure 12 to maintain the latter in a lowered position and against the action of the spring 13. The latch 23 has a rock shaft 25 attached to its lower end and which is supported from the partition 5, as at 26. A spring controlled operating bar 27 is connected to the shaft 25 for shifting the latter to release the latch 23, from engagement with the projection 24 so that the spring 13 will project the figure 14 upwardly.

At the rear end of the body portion 1, is arranged a pivoted latch 28, adapted to en-

gage a projection 29, on the head of the figure 16, to maintain the latter in a lowered position and against the action of the spring 18. The latch 28 has a rock shaft 30 attached to its lower end and which is supported from the end of the body portion 1, as at 31. Extending from the shaft 30 is a rod 32, which is connected with a spring controlled operated bar 33, which is pivoted as at 34.

The cover 2 has depending therefrom a spring controlled trip arm 35 and a trip arm 36, the former being of greater length than the latter. The arm 35 is adapted to engage with an extension 37 on the bar 27 for shifting it against the action of its spring causing thereby the release of the latch 23. The arm 36 is adapted to engage with an extension 38 on the bar 33 for shifting it against the action of its spring, thereby releasing the latch 28.

The compartment 8 is provided with a hinged cover 39, which is swung open when a cruciform shaped figure 40 is projected upwardly from said compartment 8, and said figure 40 is to represent a tomb stone. The figure 40 is pivotally mounted, as at 41, and has connected therewith a projecting spring 42, which when the figure 40 is released, projects said figure 40 upwardly.

The figure 40 is maintained in a lowered position, against the action of spring 42, by a flexible member 43^a, which is connected to the lower end of the figure 40, passes through the partition 5, and is connected to the base of the figure 16, so that when the latter is lowered the figure 40 will be held in such position, and when the figure 16 is projected upwardly, the figure 40 is released and the spring 42 will project said figure 40 upwardly and swing the cover 39 open.

Within the compartment 6, is arranged a spring controlled wing forming what may be termed a target and if desired can be provided with a sign or other inscription to indicate the name of the figure 12. The wing is indicated at 43, and is pivotally connected to the sides of the body portion 1. A flexible member is attached to the wing 43, as indicated at 44, and extends across the compartment 7 in the path of the figure 12, so that when the latter is lowered the member 44 will be engaged thereby and the wing 43 lowered. The member 44 has one end attached to the wing 43 and its other end to the body portion 1.

Briefly described the operation of the device is as follows:—It will be assumed that the body portion is closed and the figures 12 and 16 positioned as indicated in Fig. 4, the cover 2 is then shifted to the extent illustrated in Fig. 3 which releases the latch 23 permitting the figure 12 to be projected, and on a further movement of the cover 2 to the extent shown in Fig. 5, the door 17 and latch 28 will be released and the figure 16 will be projected outwardly, see Fig. 5. As the figure 16 moves outwardly the spring 20 will lower the figure 12, see Fig. 7 of the drawings. When figure 12 is lowered the element 40 will be released and projected outwardly by the spring 42. The figure 16 is lowered by the handle 21, and as the figure 16 will engage arm 22 the door will be closed.

What I claim is:—

A figure toy comprising a pair of pivoted spring controlled miniature figures representing characters, means for normally maintaining said figures simultaneously in a lowered position, means whereby one of said figures is projected upwardly in advance of the other, means whereby the other figure is projected upwardly simultaneously with the lowering of the first mentioned figure, a spring controlled shiftable element normally in a lowered position, and means connected to the second mentioned figure for releasing said element to permit of the element being projected upwardly.

In testimony whereof I affix my signature.

IVAN GRGIC.