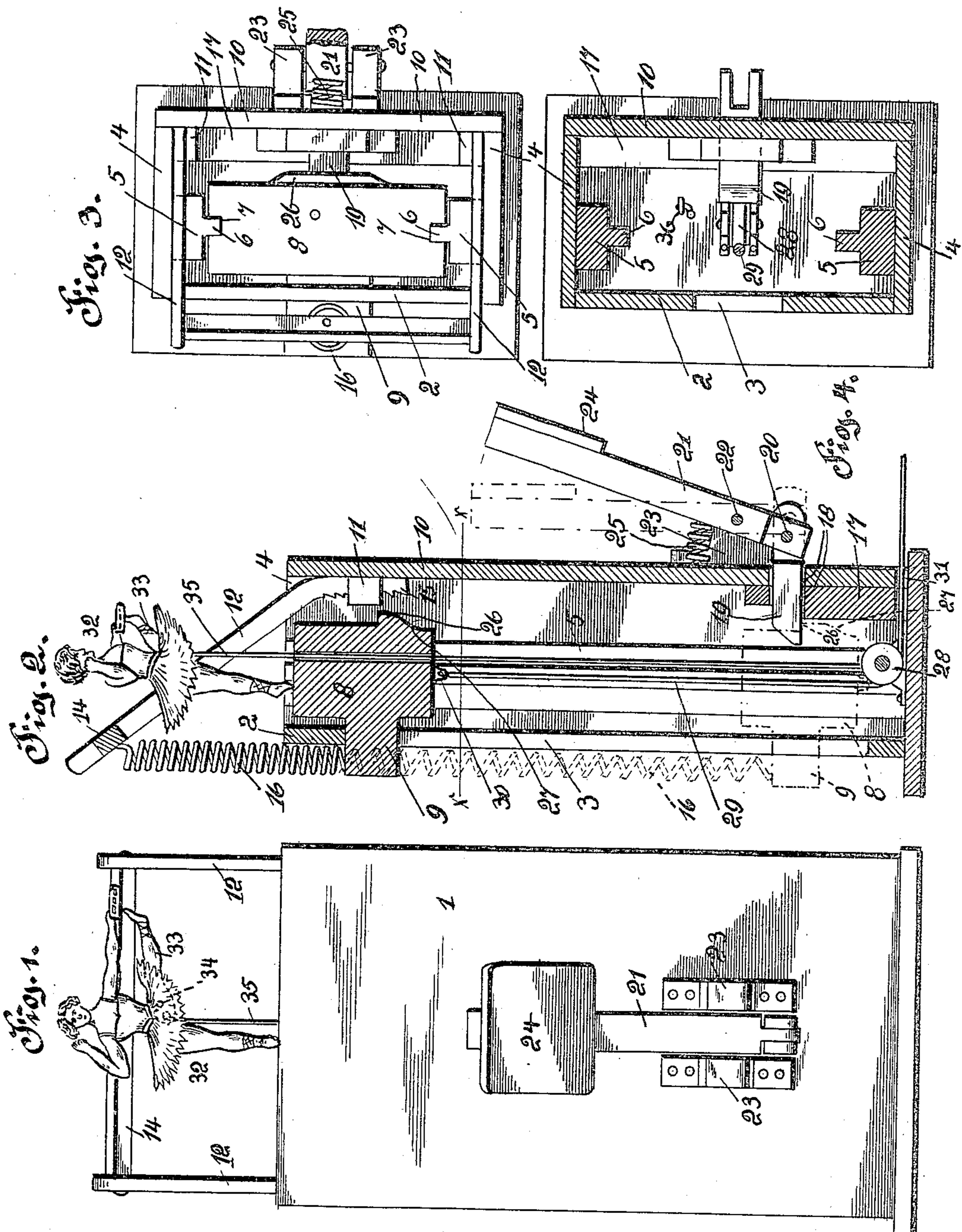


No. 817,556.

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C. F. HARTWAY.  
AMUSEMENT DEVICE.

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# UNITED STATES PATENT OFFICE.

CHARLES F. HARTWAY, OF ALVY, WEST VIRGINIA.

## AMUSEMENT DEVICE.

No. 817,556.

Specification of Letters Patent.

Patented April 10, 1906.

Application filed August 7, 1905. Serial No. 273,163.

*To all whom it may concern:*

Be it known that I, CHARLES F. HARTWAY, a citizen of the United States of America, residing at Alvy, in the county of Tyler and State of West Virginia, have invented certain new and useful Improvements in Amusement Devices, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in amusement devices; and the invention has for its object to provide a device which will be actuated by a person to display a miniature figure when the device  
15 has been successfully actuated by a person.

The device aims to test a person's skill in throwing a ball or spherical body, the operation of the device depending upon the accuracy and aim of a person in striking the device with a ball. In this connection the invention aims to provide a device which will amuse the persons participating in the amusement.

25 With the above and other objects in view the invention finally consists in the novel construction, combination, and arrangement of parts to be hereinafter more fully described, illustrated, and claimed.

Referring to the drawings accompanying  
30 this application, like numerals of reference designate corresponding parts throughout the several views, in which—

Figure 1 is a front elevation of my improved amusement device. Fig. 2 is a vertical sectional view. Fig. 3 is a top plan view with the miniature figure removed therefrom, and Fig. 4 is a horizontal sectional view taken on the line *xx* of Fig. 2.

To put my invention into practice, I construct my improved amusement device of a box-like structure 1, the rear wall 2 of which is provided with a vertically-disposed slot 3. The end walls 4 4 of the structure are provided with vertically-disposed guideways 5 5, these guideways being formed with tongues 6 6, adapted to engage in vertically-disposed grooves 7 7, formed in the sides of a block 8. The rear face of the block 8 is provided with an outwardly-extending lug 9, adapted to  
50 protrude through the slot 3 of the structure 1.

The front wall 10 of the structure 1 is provided with brackets 11 11, and in these brackets is mounted an angularly-disposed frame consisting of side rails 12 12 and a cross-head

14. The lower ends of the side rails 12 12 55 are toothed, as at 15, so as to engage the brackets 11 11 to permit of the frame being adjusted in order that the tension of a spring 16, connected to the cross-head 14 and the lug 9 of the block 8, may be increased or decreased. The spring 16 is adapted to normally hold the block 8 in an elevated position, such as illustrated in Figs. 1 and 2 of the drawings.

In the bottom of the box-like structure 1 I 65 provide a cleat 17, and this cleat and the front wall 10 of the structure is provided with a horizontally-disposed opening 18, through which a latch 19 protrudes. The outer end of the latch is pivotally connected, as at 20, 70 to a lever 21, pivotally mounted, as at 22, between brackets 23 23, carried by the front wall 10 of the structure 1. The upper end of the lever 21 is provided with a plate 24, and the lever is normally held in the angularly 75 position illustrated in Fig. 2 of the drawings by a spring 25, this position of the lever 21 tending to normally hold the latch 19 in an extended position to be engaged by a lip 26, carried by the front side of the block 8. The 80 under face of the lip 26 is beveled, as at 27, in order that when the block 8 is lowered the latch 19 will be forced outwardly until the lip 26 has passed below the opening 18, at which time the latch 19 will assume its normal position upon the top of the lip 26 and retain the block 8 in a lowered position. 85

To lower the block 8, I mount a pulley 28 in the bottom of the box-like structure, and over this pulley a cable or cord 29 passes, 90 which is attached to the block 8, as at 30, while the opposite end of the cable or cord passes outside of the box-like structure 1 through an opening 31, formed in the cleat 17 and the front wall 10 of the structure. 95

Upon the top of the block 8 I mount a miniature figure 32, intended to represent a dancer. One of the limbs 33 of the figure is pivotally mounted, as at 34, to the body portion of the figure, and the shorter arm of the limb 33 is connected to a cord or wire 35, which has its opposite end secured to the bottom of the box-like structure 1, as at 36. 100

In operation the amusement device is adapted to be actuated by an object, such as 105 a ball, striking the plate 24 of the lever 21, and in practice the device will be located at a prescribed distance, which will enable a per-



son about to enjoy the amusement to strike the plate with a ball. When the plate or lever 21 is forced inwardly against the box-like structure 1, the latch 19 is withdrawn from the block 8, which in Fig. 2 of the drawings is illustrated in dotted lines. When the block 8 is released, it moves upwardly at considerable rapidity within the structure 1, and the miniature figure, which heretofore has been invisible, is exposed to view above the structure 1. As the limb 33 of this figure is connected to the casing by a cord 35 the foot of the limb 33 will be thrown upwardly, imitating as naturally as possible the kicking of a dancer. The cord 35 is made of such a length that when the miniature figure reaches the top of the structure 1 a further upward movement of the figure raises the lever 33. When the person participating in the amusement has been lucky enough to strike the plate 24 or the lever 21 and it is desired to again reset the device, the attendant pulls upon the rope or cord 29 and lowers the block 8 until it has been engaged by the latch 19. This operation removes the miniature figure from view and places the spring 16 under tension, whereby when the plate 24 and lever 21 are again struck by a ball the block 8 will be released and moves into the position shown in Fig. 2 of the drawings.

In case the spring 16 should become weak from constant use the side rails 12 12 and the cross-bar 14 can be adjusted to increase the tension of the spring 16.

I do not care to confine myself to the type of miniature figure used in connection with the amusement device or to the one miniature figure being displayed each time the device is actuated, as a structure may be provided containing a plurality of figures adapted to be exposed each time the amusement device is successfully operated.

It is thought from the foregoing that the construction, operation, and advantages of the herein-described amusement device will be apparent without further description, and various changes in the form, proportion, and minor details of construction may be resorted to without departing from the spirit of the invention or sacrificing any of the advantages thereof.

What I claim, and desire to secure by Letters Patent, is—

1. In an amusement device, the combination with a box-like structure, of a spring-supported block slidably mounted in said structure, a miniature figure carried by said block and having a pivoted limb, a cord attached to said limb, and to said structure, a spring-pressed pivoted lever carried by said structure, a latch slidably mounted in said structure and connected to said lever and adapted to engage said block when lowered, means to adjust the tension of the spring-supported block, and means to lower said block, substantially as described.

2. In an amusement device, the combination with a box-like structure, of a block slidably mounted in said structure, a miniature figure carried by said block, and having a pivoted limb, a cord attached to said limb and to said structure, a spring-pressed lever pivotally connected to said structure, a latch connected to said lever and adapted to engage said block, means to elevate said block when said lever is struck, and means to return said block to its normal position.

3. In an amusement device, the combination with a box-like structure, of a block slidably mounted within said structure, a limbed figure carried by said block, means to lock said block in the lower part of said structure, means to elevate said block when released, means to elevate one of the limbs of said figure, substantially as described.

4. An amusement device consisting of a box-like structure, a block slidably mounted in said structure, a miniature limbed figure carried by said block, means to lock said block in the lower part of said structure, means to elevate said block when released, means to adjust the last-named means, means to elevate one of the limbs of said figure, and means to return said block to its normal position, substantially as described.

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

CHARLES F. HARTWAY.

Witnesses:

J. S. ELDER,

W. W. LOWERY