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FIGURE TOY OR AMUSEMENT DEVICE.

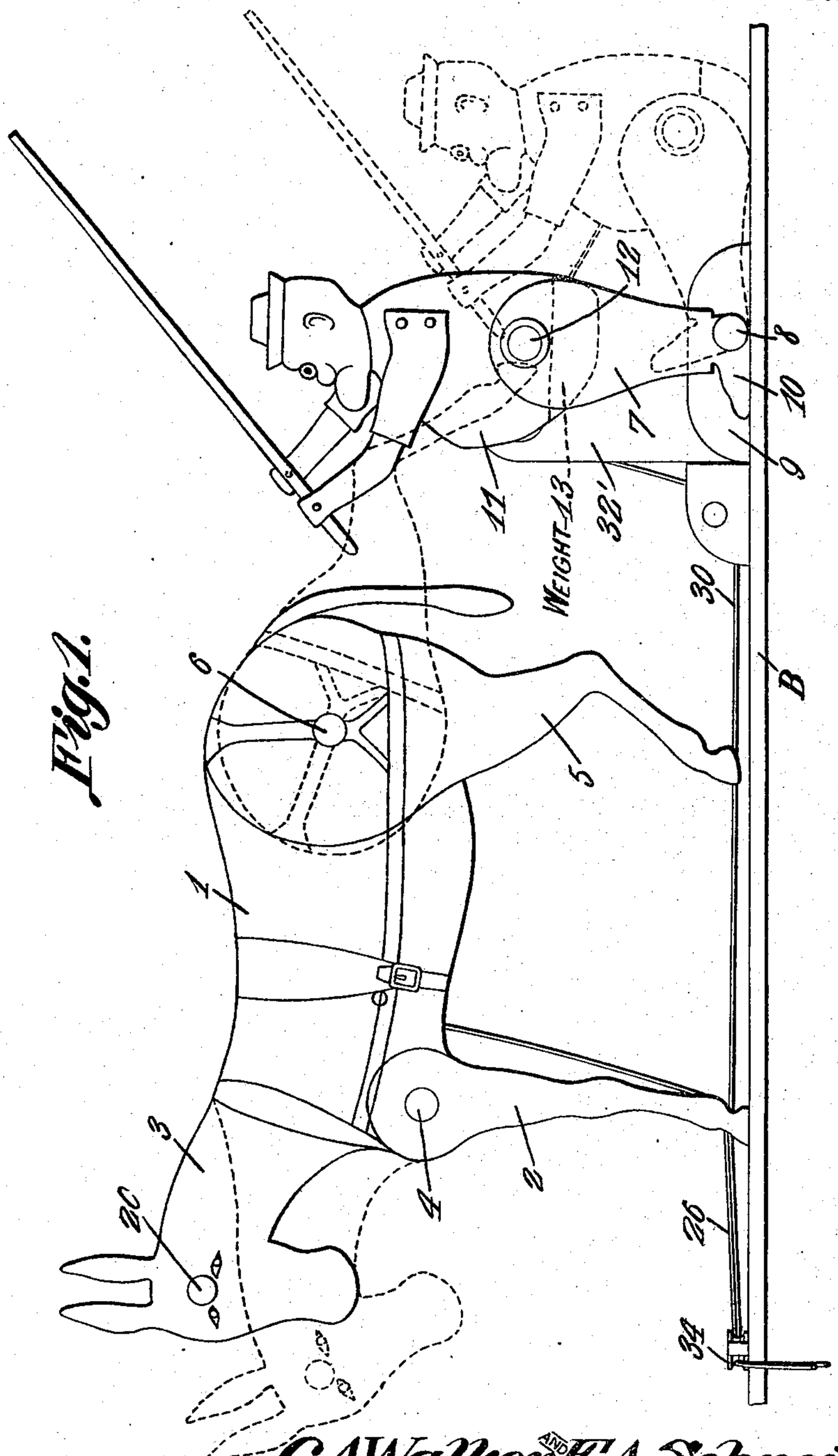
APPLICATION FILED MAR. 11, 1916.

1,216,632.

Patented Feb. 20, 1917.

2 SHEETS—SHEET 1.

Fig. 1.



Witnesses

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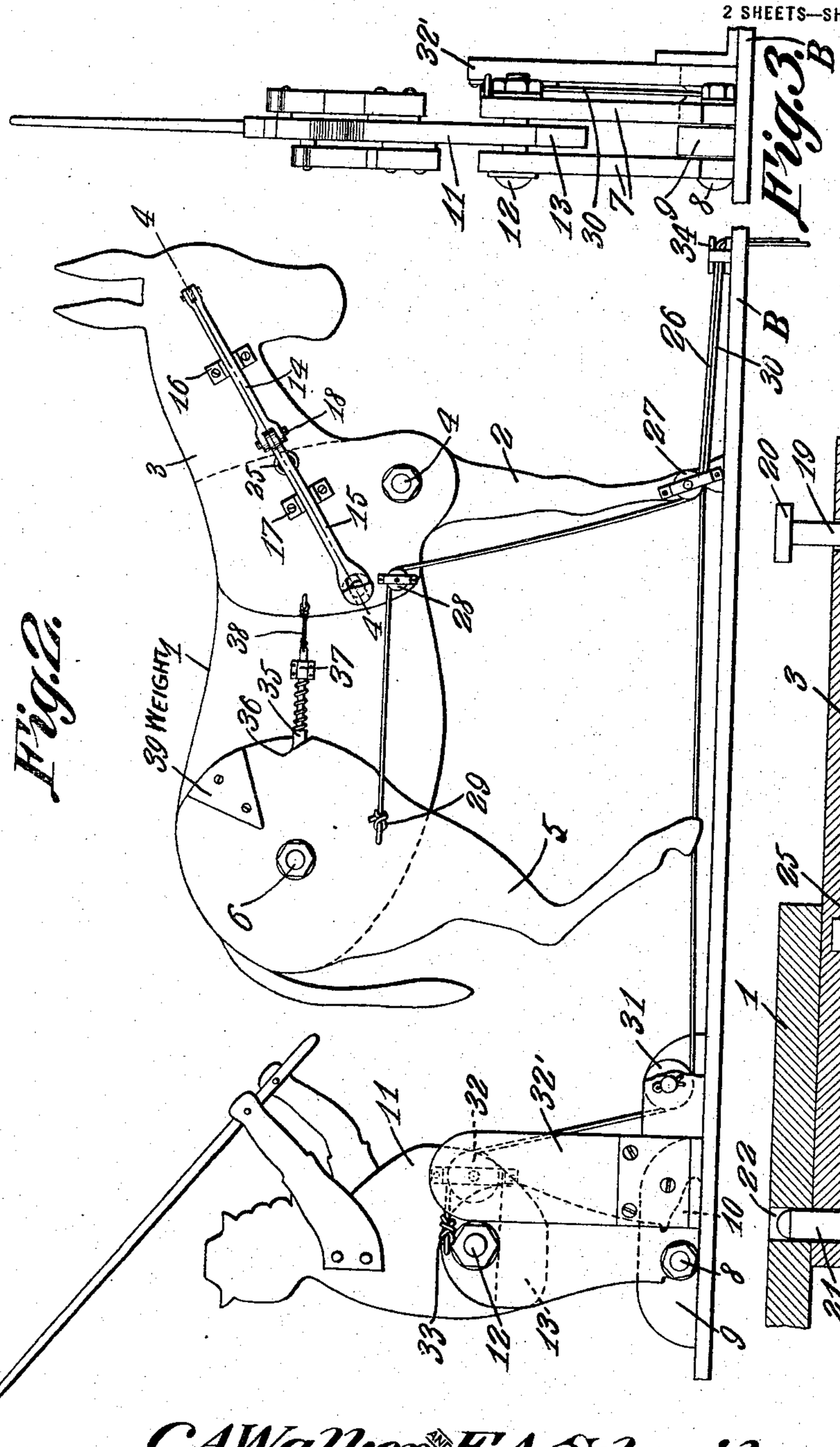
FIGURE TOY OR AMUSEMENT DEVICE.

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2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

CLAYTON A. WALKER AND ERNEST A. SCHNEIDER, OF FAIRHAVEN, CONNECTICUT.

FIGURE TOY OR AMUSEMENT DEVICE.

1,216,632. Specification of Letters Patent. Patented Feb. 20, 1917.

Application filed March 11, 1916. Serial No. 83,592.

To all whom it may concern:

Be it known that we, CLAYTON A. WALKER and ERNEST A. SCHNEIDER, citizens of the United States, residing at Fairhaven, in the county of New Haven, State of Connecticut, have invented a new and useful Figure Toy or Amusement Device, of which the following is a specification.

The present invention relates to toys and amusement devices, and aims to provide a novel and improved device of that character.

The present device can either be used as a toy or amusement apparatus, and embodies a figure representing a mule, and a second figure representing a human being, said figures being so constructed and operable that when the mule is struck at a certain point, by a ball or other missile, the mule will go through the action of kicking, thereby knocking the man over. The parts can be returned to set or initial position readily for a new operation, and the structure has novel and improved features of construction, to enhance the operativeness and effectiveness of the device.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, can be made within the scope of what is claimed, without departing from the spirit of the invention.

The invention is illustrated in the accompanying drawings, wherein:—

Figure 1 is a front view of the device.

Fig. 2 is a rear view thereof.

Fig. 3 is a view illustrating the figure representing a man or human being.

Fig. 4 is an enlarged sectional view on the line 4—4 of Fig. 2.

In carrying out the invention, there is provided a suitable base B upon which is mounted two figures, one representing a mule, and the other a man. The mule comprises a body 1 supported by a front leg 2 which is fastened securely upon the base B, and the neck 3 having the head is pivoted, as at 4, to the body 1, so that the neck and head can swing downwardly from normal position, as indicated by dotted lines in Fig. 1. Rear legs 5 are pivoted, as at 6, to the body 1 to swing rearwardly toward the figure representing the man.

This latter figure embodies the legs 7 standing astride and having their lower ends pivoted, as at 8, to a cleat 9 secured upon the base B, the feet 10 projecting forwardly and normally supporting the legs 7 in upright position, since the center of the gravity of the legs and parts carried thereby is normally above the feet 10, so that the man will stand upright ordinarily. Pivoted between the upper ends of the legs 7 is the body 11, the pivot being designated at 12, and the lower portion of the body 11 is weighted, as at 13, to hold said body upright, although it can swing or oscillate slightly. When the body 11 is given a thrust by the rearward movement of the legs 5 of the mule, the man is knocked down from a standing position, seen in full lines in Fig. 1, to a sitting posture, seen in dotted lines in said figure.

As a means for normally supporting the neck 3 and for releasing it when the mule is hit on the head by a ball or other object, a pair of levers 14—15 are pivoted between their ends as at 16 and 17 respectively, to the rear side of the neck 3, and have their adjacent ends pivotally connected, as at 18. A pin 19 is slidable through the head carried by the neck 3 and projects forwardly, the forward protruding end of said pin 19 having a disk or target 20 against which a ball or other missile can be thrown when aimed properly. A latch pin 21 is slidable through an aperture provided in the neck 3 adjacent the pivot 4, and is normally received by an aperture or socket 22 with which the body 1 is provided, to hold said neck in raised position. The rear end of the pin 21 has collars 23 between which the bifurcated end or fork 24 of the lever 15 is disposed. The joint 18 of the levers 14—15 is normally moved rearwardly under the influence of its spring 25 between the lever 15 and neck 3, which normally projects the pin 19 and latch 21 forwardly to the position illustrated in Fig. 4.

In order to set the parts to normal position, a cable or other flexible element 26 is passed around a pulley 27 at the foot of the fore leg 2 of the wheel, and passes over a pulley 28 carried by the neck 3 in rear of the pivot 4, and said cable 26 is attached, as at 29, to the rear legs 5 below the pivot 6 thereof. A second cable 30 is passed un-

der the pulley 27 and under a pulley 31 mounted upon the base adjacent the man, and from the pulley 31 the cable 30 extends upwardly over a pulley 32 carried by a post 32′ mounted upon the base adjacent the man. The cable 30 is attached to the upper end of one leg 7, as at 33. The cables 26—30 can be passed around one or more pulleys 34 to the operating point, and said cables can be pulled for restoring the device to normal position after it has been released.

The rear legs 5 are normally latched by means of a latch 35 engaging a notch 36 of the leg 5 in rear of the body 1, said latch 35 being carried by a guide 37 and being spring pressed into engagement with the respective leg 5. The latch 35 is connected, as at 38, with the neck 3, whereby when said neck swings downwardly, it will retract the latch 35 to release the rear legs 5. A weight 39 is attached to one or both legs 5 above the pivot 6, so that when said legs are released, the weight 39 will swing said legs rearwardly to the dotted line position as seen in Fig. 1.

In operation, assuming that the parts are set as seen in Figs. 1 and 2, should a ball or other object impinge against the disk 20, it will force the pin 19 rearwardly, thereby swinging the joint 18 of the levers 14—15 forwardly, and retracting the latch 21 from the aperture 22. This allows the neck 3 to drop, retracting the latch 35 and releasing the hind legs 5 which will swing rearwardly under the influence of the weight 39. The legs 5 strike the body 11 of the man, and thereby kick the man into a sitting position, as seen in dotted lines in Fig. 1. The cables 26—30 should ordinarily be left slack so as not to impede the operation of the parts as above specified. The action of the device is quite life-like, and will be a source of amusement, whether the device be used as a toy or amusement apparatus. To restore the parts to normal positions, the cables 26—30 are pulled. The cable 26 in being pulled, will return the legs 5 to normal position, and the pulley 28 being pulled downwardly will raise the neck 3 to normal position, the latches 21 and 35 springing into place when the legs 5 and neck 3 are returned to normal position. When the cable 30 is pulled, the legs 7 are swung upwardly to normal position, thereby returning the man to a standing position. The device is then ready for a new operation.

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

1. An amusement device embodying a figure representing an animal, said figure having a pivoted rear leg, means tending to swing the leg rearwardly and also having a pivoted neck tending to swing downwardly, means for latching said leg and neck in normal position, a target connected to the latching means for releasing it and a second figure arranged to be knocked down when said leg is swung rearwardly.

2. An amusement device embodying a figure representing an animal having a body, a rear leg pivoted thereto, means tending to swing the leg rearwardly, a neck pivoted to the body tending to swing downwardly, a latch for holding the neck in normal position and operatively connected to the neck to release the same, a target carried by the neck and connected to the first mentioned latch to release it, and a second figure arranged to be knocked down when said leg swings rearwardly.

3. An amusement device embodying a figure representing an animal, said figure having a pivoted rear leg, means tending to swing the leg rearwardly, means for latching said leg in normal position, a target connected to the latching means for releasing it when the target is struck, and a second figure representing a man, the second figure having a pivotally mounted leg normally in upright position and adapted to swing downwardly, and said second figure having a body pivoted to said leg and weighted to remain in upright position, the second figure being arranged to be knocked down when said leg of the first mentioned figure swings rearwardly.

In testimony that we claim the foregoing as our own, we have hereto affixed our signatures in the presence of two witnesses.

CLAYTON A. WALKER.
ERNEST A. SCHNEIDER.

Witnesses:
LIONEL WALKER,
ALFRED SCHNEIDER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."