

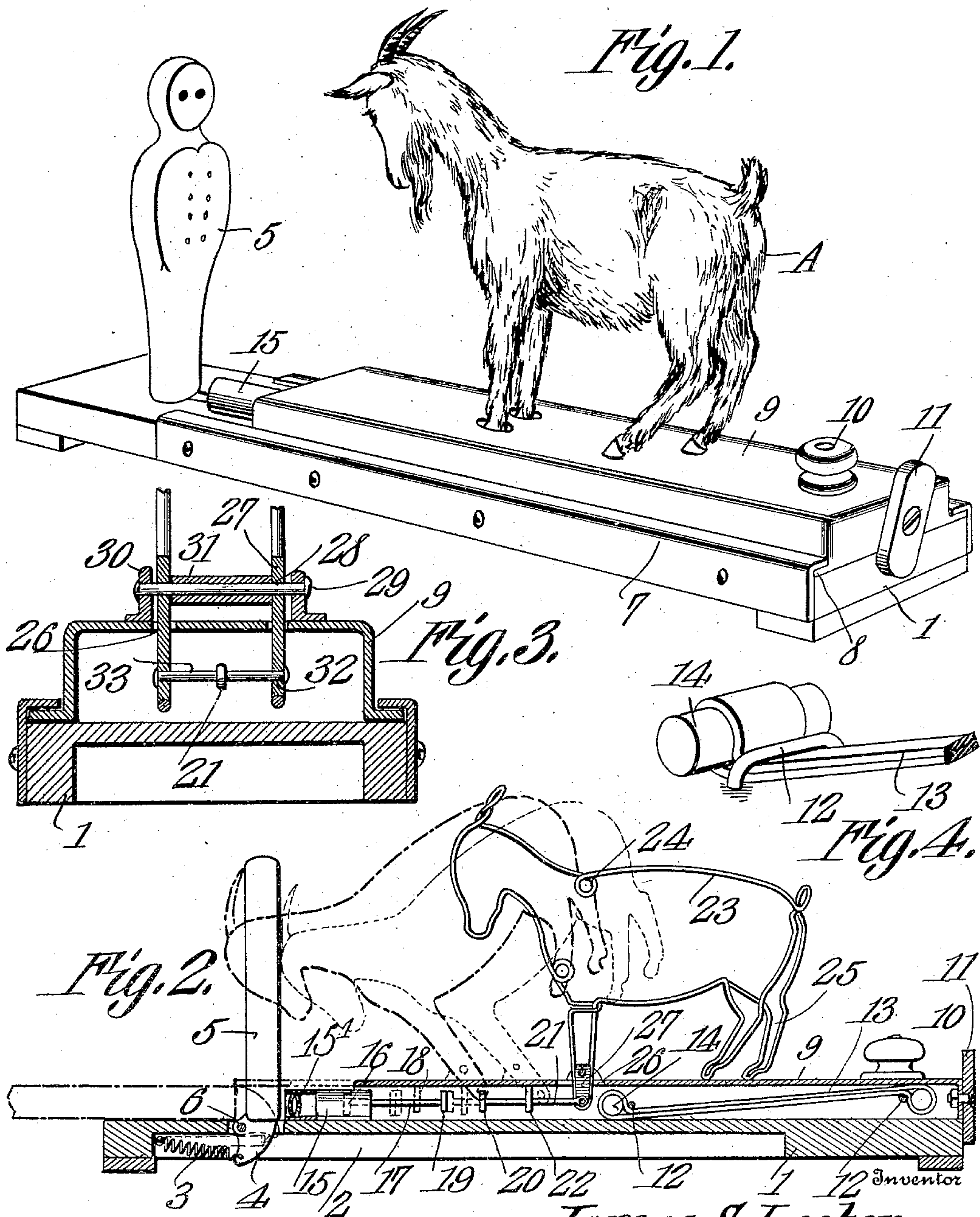
J. S. LESTER.

TOY.

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944,623.

Patented Dec. 28, 1909.



Witnesses

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UNITED STATES PATENT OFFICE.

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TOY.

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To all whom it may concern:

Be it known that I, JAMES S. LESTER, a citizen of the United States, residing at Atlanta, in the county of Fulton and State of Georgia, have invented a new and useful Toy, of which the following is a specification.

This invention relates to toys and its object is to provide a device of this character utilizing two figures one of which is designed to move against and knock down the other figure, one of the figures being preferably in the form of a goat, while the other figure can be in the form of a person, "big stick" or the like.

One of the objects of the invention is to provide means whereby the primary or actuating figure can be tilted during the movements thereof so as to simulate the butting of a goat, kicking of a mule, etc.

A further object is to provide means whereby a noise may be produced during this tilting operation, this noise simulating the bleating of a goat, if desired.

A further object is to provide a figure made up of a wire frame having a suitable covering of skin or fabric, said frame being resilient so as to permit the head thereof to give during the butting operation.

A further object is to provide novel means whereby the spring utilized for actuating the main figure can be readily placed in or removed from position.

With these and other objects in view the invention consists in certain novel details of construction and combinations of parts hereinafter more fully described and pointed out in the claims.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings:—Figure 1 is a perspective view of the toy. Fig. 2 is a longitudinal section therethrough, the positions of the movable parts during the tilting movement of the main figure being indicated by dotted lines. Fig. 3 is an enlarged transverse section through the connection between the tilting figure and the slide. Fig. 4 is a perspective view of the connection between the spring and the base.

Referring to the figures by characters of reference 1 designates a base having a longitudinal recess 2 in the bottom thereof, said recess having a spring 3 secured therein.

One end of this spring is attached to a finger 4 extending downwardly from a figure 5 which is pivotally mounted upon the base as indicated at 6. This figure may be in the form of a person, a "big stick" or any suitable animal or the like, and the spring 3 serves to hold it normally perpendicular to the base.

Guide strips 7 are secured along the longitudinal edges of the base 1 and the upper portions of these strips are spaced from, but lap the top of the base. These lapping portions of the guide strips engage longitudinal flanges 8 formed upon the sides of a slide 9. Said slide is hollow and open at the bottom and is provided adjacent one end with a knob 10 whereby it can be readily manipulated. A turn-button 11 or the like may be mounted upon one end of the slide and, by turning this button back of the base 1, the slide can be held in set position.

Secured upon the base and below the slide is a loop or staple 12, and a corresponding loop or staple is secured upon the lower face of the slide 9 adjacent the button 11. An elastic band 13 has its opposite portions extended through these loops and pins 14 are extended through said inserted portions of the band so as to prevent them from being withdrawn from the loops.

A casing 15 is mounted upon the base and between the slide 9 and the figure 5, that end of the slide adjacent the casing being open so as to permit the slide to move thereover and also partly over the figure 5 when said figure is in lowered position. A plunger 16 is mounted to reciprocate within the casing 15 and has a stem 17 mounted within a guide 18. A head 19 is formed at one end of this stem and is designed to be contracted by a head 20 arranged at one end of a rod 21. Said rod is mounted within a guide 22 carried by the slide 9 and is pivotally connected at one end to the tiltable figure of the toy.

By referring to Fig. 2 it will be seen that this tiltable figure consists of a wire frame bent to outline the body, head and legs of an animal, said wire being preferably resilient and having coils or eyes 24 in the neck portion thereof so as to render the head portion capable of yielding with respect to the body portion of the frame. The rear legs 25 of the frame rest loosely upon the slide 9, while the front legs thereof extend downwardly into openings 26 formed with-

in the slide. The lower portions of these wire front legs are filled with solder such as shown at 27, these fillings being provided with upper openings 28 through which extends a pivot pin 29, said pin being supported by ears 30 upstanding from the slide 9. A sleeve 31 is preferably interposed between the front legs and upon the pin 29, so as to hold said front legs properly spaced apart. Openings 32 are formed in the lower portions of the fillings 27, and mounted within these openings is a cross pin 33 to which the rod 21 heretofore referred to is connected.

It is of course to be understood that the wire frame 23 is to be covered with skin, or a suitable fabric, so as to simulate a goat or other animal.

In using the device herein described the slide 9 is drawn longitudinally until it becomes possible to turn the button 11 back of the base 1. This will of course stretch the elastic spring 13 and draw the head 20 away from the head 19. Spring 3 will promptly swing the figure 5 into an upright position and into the path of the main figure which has been indicated generally by the letter A. When it is desired to actuate the toy the button 11 is turned so as to be released from the base. The spring 13 will promptly shift the slide 9 longitudinally and just prior to the arrival of the slide at the limit of its movement the head 20 of rod 21 moves against the head 19 and pushes backward on the lower ends of the front legs of the main figure A. Said main figure, which moves forward with the slide, is tilted forwardly and the head thereof brought into contact with the figure. Said figure will therefore be knocked down on to the base 1 and the open end of the slide 9 will move over the near end of the figure and hold it lowered and against the action of the elevating spring 3. Meanwhile the piston 16 is forced into the casing 15 by the head 20 and any suitable sounding device 15' may be provided within this casing so that the air, in escaping therefrom, will produce a bleating or other sound. By pulling back on the knob 10 and moving the button 11 into engagement with the base the parts can be caused to return to their initial positions, the spring 13 serving to elevate the figure 5, while the main figure A will drop by gravity into position with its hind legs 25 resting on the slide.

It is of course to be understood that the frame 23 of the figure can be constructed in any preferred manner and various changes can be made in the construction and arrangement of the parts without departing from the spirit or sacrificing the advantages of the invention. For example, instead of utilizing the rods 17 and 21 for the purpose of tilting the figure 23 a cord may be connected to the head of the figure and fixedly secured

to the base, so that as the slide 9 moves forward this cord will pull on the head and cause the figure A to tilt.

It is the intention to use this device for advertising purposes and the like, and the same will be found very amusing because of the ludicrous antics simulated by the figures during the actuation of the toy.

What is claimed is:—

1. A toy comprising a normally upright figure mounted for swinging movement, and a slidable and tiltable figure movable there-against to swing the same.

2. A toy comprising a normally upright figure mounted for swinging movement, and a slidable and tiltable figure movable there-against, and means for holding said figure in lowered position subsequent to such swinging action.

3. A toy comprising a normally upright pivotally supported figure, a slidable and tiltable figure movable there-against to force the same into lowered position, and means for holding said figure in lowered position.

4. A toy comprising a normally upright tiltable figure, a slidable and tiltable figure movable there-against to lower the same, and means for automatically returning the lowered figure to its initial position upon removal of the sliding figure therefrom.

5. A toy comprising a normally upright tiltable figure, a slide movable in the direction thereof, a figure tiltable mounted upon the slide and having a portion thereof extending through the slide, means for actuating the slide, and means in the path of said projecting portion for tilting the figure upon the slide during the movement of said slide.

6. A toy comprising a slide, means for actuating the same, a figure tiltable mounted upon the slide and having a portion projecting thereinto, means in the path of said projecting portion for tilting the figure during the movement of the slide.

7. In a toy a slide, means for actuating the same, means for holding the slide against the action of its actuating means, a figure tiltable mounted upon the slide, and sounding means in the path of the figure for tilting the same during the movement of the slide.

8. A toy comprising a slide, means for actuating the same, a figure tiltable mounted upon the slide, said figure having a downwardly projecting portion, means in the path of said projecting portion for tilting the figure during the movement of the slide, and a sounding device actuated by said means.

9. A toy comprising a slide, means for holding the slide against movement, means for automatically actuating the slide when released, a normally upright tiltable figure in the path of the slide, a main figure tiltable mounted upon the slide, and means in the path of the main figure for automatically tilting the same into contact with the first

mentioned figure during the movement of the slide.

10. A toy comprising a base, a normally upright figure pivotally mounted thereon, a slide upon the base, means for automatically actuating the slide, means for holding the slide against movement, a tiltable figure carried by the slide, and means for automatically tilting said figure against the first mentioned figure during the movement of the slide.

11. In a toy the combination with a base, a slide thereon, means for automatically actuating the slide, of a main figure tiltably mounted upon the slide and comprising a re-

silient wire frame, said frame having leg portions, a covering upon the frame, a filling within one leg portion of the frame, a pivot device mounted upon the slide and extending through said filling, and means in the path of the leg portions for actuating the same to tilt the figure during the movement of the slide.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

JAMES S. LESTER.

Witnesses:

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