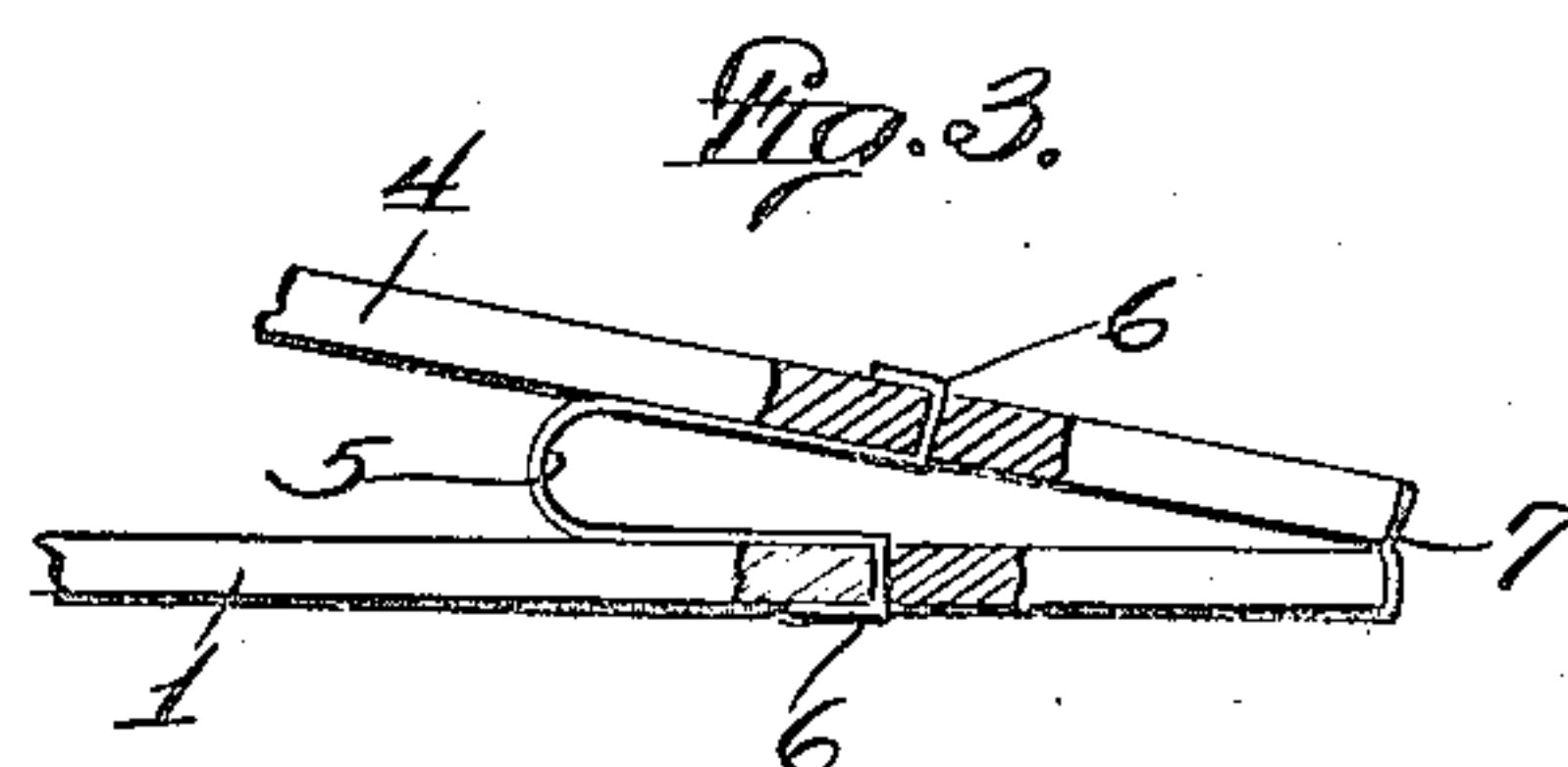
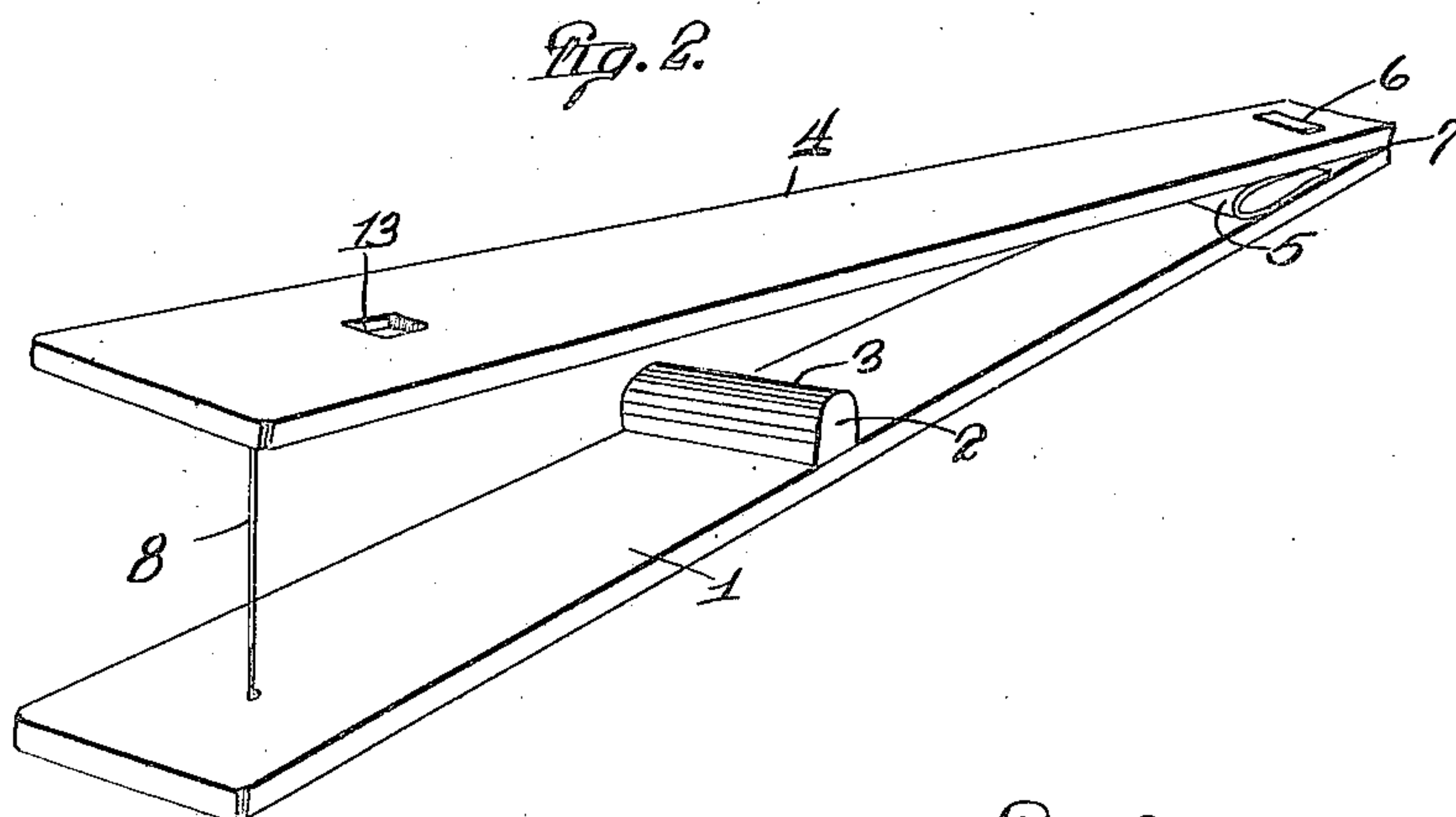
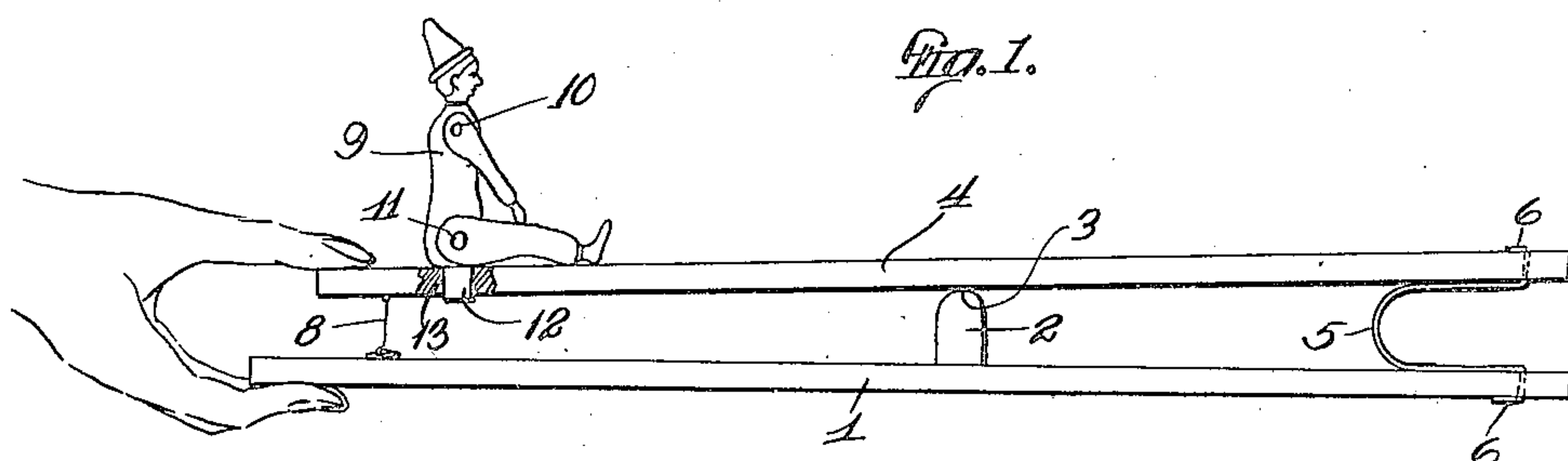


Jan. 2, 1923.

1,440,454

C. GANTHIER.
Toy.
FILED MAY 15, 1920..



INVENTOR.

C. Ganthier

Patented Jan. 2, 1923.

1,440,454

UNITED STATES PATENT OFFICE.

CHARLES GANTHIER, OF GARDEN, MICHIGAN.

TOY.

Application filed May 15, 1920. Serial No. 381,573.

To all whom it may concern:

Be it known that I, CHARLES GANTHIER, a citizen of the United States, residing at Garden, in the county of Delta and State of Michigan, have invented certain new and useful Improvements in a Toy, of which the following is a specification.

This invention relates to toys and more particularly to the class of toys designated as "jumping-jacks."

The primary object of the invention is to provide a toy having a movable figure which may be manually operated so as to cause the figure to be projected through the air; the object being to permit several persons using the toy to develop their skill in projecting the figure toward any predetermined object.

The invention also aims to provide a movable figure having movable arms and legs and adapted to be catapulted through the air by the action of the toy structure so that amusement will be afforded by the movement of the figure as it passes through the air.

Other objects of the invention will appear upon consideration of the following description and accompanying drawings, wherein:—

Figure 1 is a side elevation showing the manner of holding the toy prior to being projected through the air.

Figure 2 is a perspective view of the apparatus after being released, and

Figure 3 is a detail view showing the spring element used with the invention.

Referring to the drawing by numerals, the base board 1 is provided intermediate its ends with a support 2 having a rounded top 3 whereby the spring board 4 may rest upon the support to be tilted. The forward ends of the base board 1 and the spring board 4 are connected by a flat spring 5 which consists of a curved strip of spring steel having its terminals shaped to provide cleats secured to the two boards 1 and 4, so that the ends of the boards are normally in engagement as indicated as 7, while the opposite ends are spaced apart for a considerable distance. Limited movement of the boards is accomplished by a retaining element 8 which consists of a cord or other flexible member. The spring board 4 is slightly less in length than the base board 1.

The toy figure 9 is provided with movable arms and legs pivoted as indicated at 10 and 11 so that the arms and legs are free to swing when the figure is projected

through the air. The movable legs of the figure also permit it to assume a position illustrated in Fig. 1 which gives the figure the appearance of being seated on the board and in order that it may be releasably held in place, a projection 12 is provided which is inserted in an opening 13 in the spring board.

To operate the toy it is merely necessary to grasp the ends of the base board and spring board in the manner shown in Fig. 1 between the thumb and fingers of the hands so that the spring board engages the support 2 and is slightly tilted thereon against the action of the spring 5. The spring board is then released by permitting the thumbs to slip off the ends of the board 4 so that a hold is maintained on the end of the base board. The spring board will then fly upwardly to the position shown in Fig. 2 and its movement will be stopped by the retaining member 8. The sudden stop of the spring board will cause the figure 9 to be catapulted through the air and the figure will thus fly for a considerable distance while the arms and legs move grotesquely to afford amusement to the person using the toy.

Minor changes may be made in the details of construction without departing from the spirit of the invention or the scope of the claim hereunto appended.

What I claim is

A toy comprising a base board and a spring board, means centrally located on the base board to act as a support for the spring board whereby the latter may be tilted, a spring connecting the forward ends of the base board and spring board whereby the opposite ends of the boards may be moved toward each other against the action of the said spring, and a movable figure releasably mounted on the spring board and adapted to be projected therefrom when the spring board is released, and a flexible member connecting the free ends of the base board and spring board and limited in its length whereby the spring board may have a limited movement when the said spring is permitted to contract.

In testimony whereof, I have affixed my signature in the presence of two witnesses.

CHARLES GANTHIER.

Witnesses:

H. G. GAUTHIER,
NAPOLEON LEMIRA.