No. 638,964. Patented Dec. 12, 1899.

J. A. HADLEY & W. J. EVANS.

TOY PISTOL.

(Application filed Nov. 28, 1898.)

(No Model.)

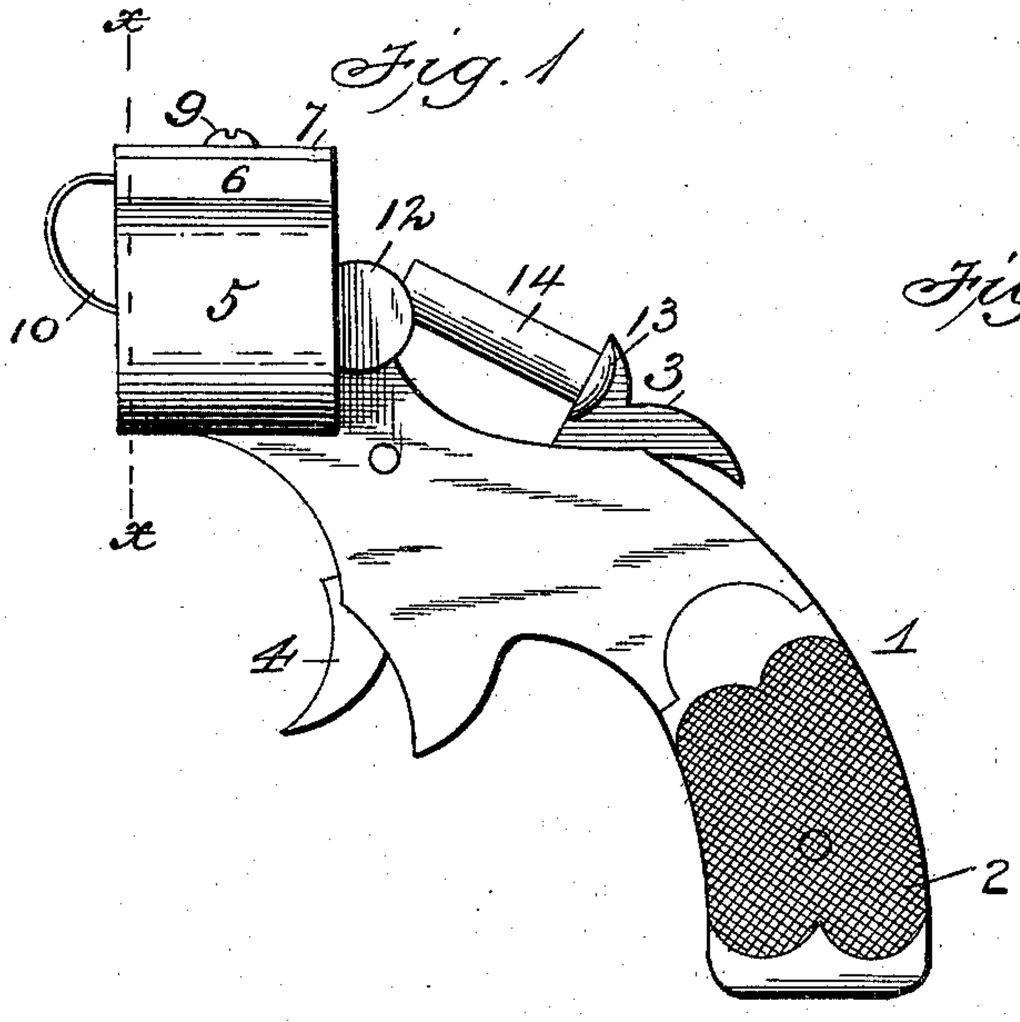

Fig. 1

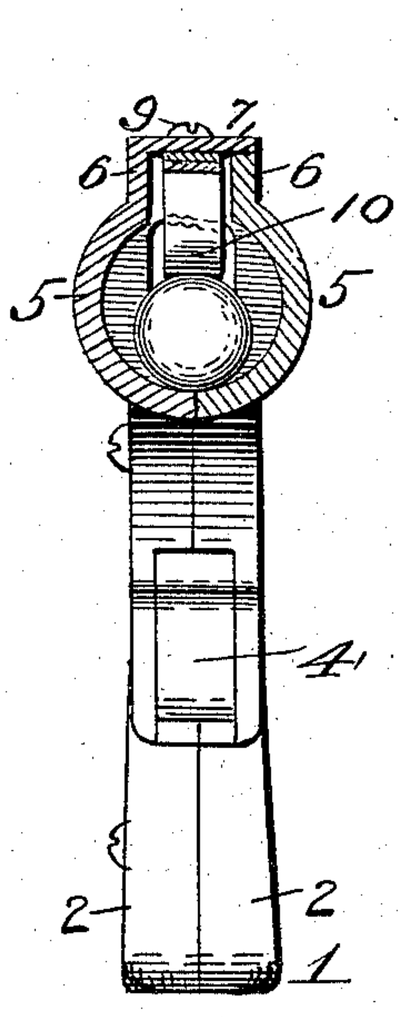

Fig. 4.

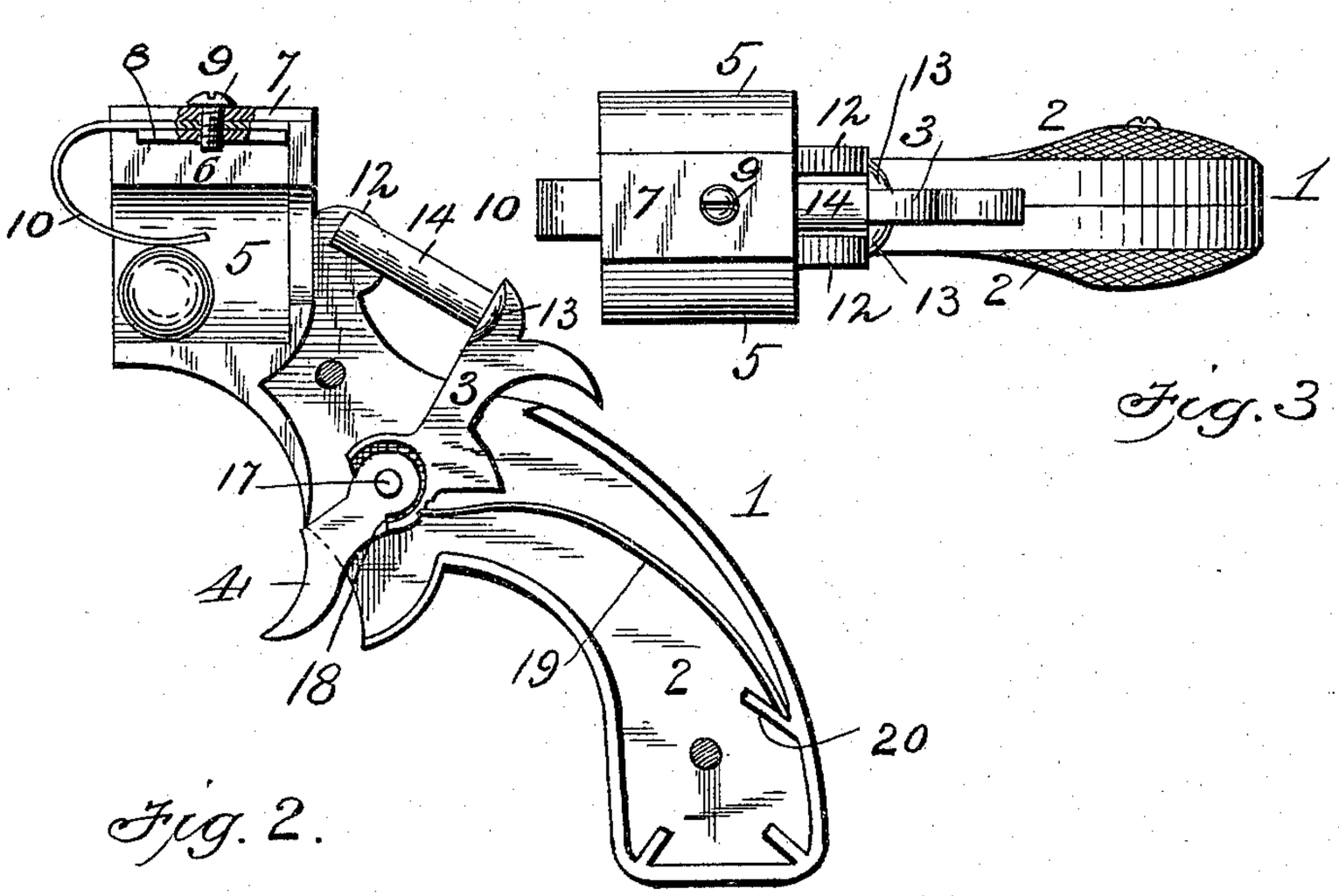

Fig. 2.

Fig. 3.

Witnesses:
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UNITED STATES PATENT OFFICE.

JOSHUA A. HADLEY AND WALLACE JAMES EVANS, OF BRAZIL, INDIANA;
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TOY PISTOL.

SPECIFICATION forming part of Letters Patent No. 638,964, dated December 12, 1899.

Application filed November 28, 1898. Serial No. 697,652. (No model.)

To all whom it may concern:

Be it known that we, JOSHUA A. HADLEY and WALLACE JAMES EVANS, citizens of the United States, residing at Brazil, in the county of Clay and State of Indiana, have invented new and useful Improvements in Toy Pistols, of which the following is a specification.

Our invention relates to toy pistols for shooting marbles or other balls or similar objects; and its object is to provide an improved construction of the same by which a marble or ball placed in the barrel will be held therein without liability of accidental displacement and can be forced or expelled therefrom by means of a spring-actuated hammer which is released by pulling a trigger.

The invention consists, essentially, in a handle provided with a spring-actuated hammer, a trigger for releasing the same, a cylinder or barrel to receive a marble or other ball and provided at its upper side with a box or housing, and a spring secured in said box or housing and its free end turned downwardly, so as to project into said barrel or housing and hold the marble or ball therein.

It also consists in forming the said hammer with shoulders on opposite sides, which are adapted to strike lugs upon the rear end of the barrel or cylinder, and thus limit the movement of the hammer, all as hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a side elevation of a toy pistol constructed in accordance with our invention. Fig. 2 is a longitudinal section of the same. Fig. 3 is a plan view. Fig. 4 is a transverse section on the line *x x*, Fig. 1.

In the said drawings the reference-numeral 1 designates the handle of the toy, comprising the side pieces 2, with a space therebetween to receive the spring-actuated hammer 3 and the trigger 4. The front ends of these two side pieces are formed with semicylindrical extensions 5, forming a cylinder or barrel when said pieces are connected together. Each of said extensions at the upper end is formed with an upwardly-extending longitudinal flange 6, one of which is provided with a plate 7, forming a box or housing. Located in this box and secured thereto by a plate 8 and screw 9 is a spring 10, the free end of which projects downward into the cylinder or barrel. Formed on the rear ends of said extensions 5 are lugs 12, with which are adapted to engage shoulders or projections 13 on opposite sides of the hammer. The said hammer is also provided with a pin 14, adapted to be forced into the cylinder or barrel when the hammer is released.

The inner end of the hammer 3 is pivotally connected with the handle 1 and is formed with a semicircular recess 15, in one side of which is seated the hub 16 of the trigger, which is pivoted to the same pivot 17 to which the hammer is pivoted. The trigger projects through a slot in the handle and is formed with a shoulder 18, with which the hammer engages. The numeral 19 designates a spring, one end of which engages a lug 20 of the handle, while the other end engages a recess in the hammer. By this construction when the hammer is cocked the inner end of the spring will be forced below the center of the pivot 17, so that its tendency will be to force the hammer rearwardly, whereby it will be held in the cocked position. Upon pulling the trigger the hammer will be forced forwardly until the spring rises above the pivot, when by its resiliency it will suddenly spring upwardly and force the hammer forward, so that its pin will strike the marble and eject it from the cylinder.

Having thus fully described our invention, what we claim is—

In a toy pistol, the combination with the handle, formed with an integral barrel provided with a housing at the upper side and with an opening or hole in the rear, the integral guide-lugs 12 at opposite sides of said hole, and the hammer provided with projections 13 and with a pin 14, of the curved spring, one end of which is located in said housing and the other end curved inwardly and extended into the barrel, the plate and the set-screw between which one end of the spring is confined, substantially as described.

In testimony whereof we have hereunto set our hands in presence of two subscribing witnesses.

JOSHUA A. HADLEY.
WALLACE JAMES EVANS.

Witnesses:
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