

UNITED STATES PATENT OFFICE.

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TOY GUN.

SPECIFICATION forming part of Letters Patent No. 723,227, dated March 24, 1903.

Application filed June 11, 1902. Serial No. 111,131. (No model.)

To all whom it may concern:

Be it known that I, MALINDA C. ANTHONY, a citizen of the United States, and a resident of Oakland, in the county of Alameda and State of California, am the administratrix of the estate of MARK ANTHONY, deceased, late a citizen of the United States, and a resident of Oakland, in the county of Alameda and State of California, who did in his lifetime invent certain new and useful Improvements in Toy Guns; and I do hereby declare the following to be a full, clear, and exact description of said invention.

This invention relates to improvements in toy guns, the object being to provide a gun so arranged as to first discharge a target and then to discharge a projectile, thus not only providing amusement but offering a simple and harmless means of acquiring skill in marksmanship.

I will describe a toy gun embodying the invention, and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both the figures.

Figure 1 is a longitudinal section of a toy gun embodying the invention, showing the parts in discharging position; and Fig. 2 is a similar section, but showing the position of the parts after discharging the target and projectile.

Referring to the drawings, 1 designates what may be termed the "target-barrel," and arranged above the target-barrel is the projectile or firing barrel 2, the barrel 1 being much shorter than the barrel 2. The rear ends of both barrels extend into a lock-casing 3, to which the stock 4 is attached. Operating in the barrel 1 is a plunger 5, having a stem 6, adapted to pass its end through an opening 7 in the breech of the barrel 1, and arranged between the plunger 5 and the breech of the barrel is a discharging-spring 8. A similar plunger 9 is arranged in the barrel 2 and has a stem portion 10 extended through an opening 11 in the breech of said barrel 2, while a spring 12 is arranged between the breech and the plunger. The in-

ner end of the stem 6 is provided with an annular shoulder 13, and an annular shoulder 14 is formed on the inner end of the stem 10. A trigger 15 extends through an opening in the lower wall of the casing 3 and is pivoted in the casing, as at 16. The trigger on its inner end has a shoulder or sear 17 for engaging with the shoulder 13 of the stem 6, and arranged above the trigger is a sear 18, adapted to engage with the annular shoulder 14 on the stem 10. The sear 18 has a rearwardly-extended arm 19, designed to be engaged by the inner end of the trigger. The sears are held, respectively, in engagement with their shoulders by means of a spring 20, one member of which bears on the upper portion of the trigger rearward of its pivotal point, and the other member bears on the lower side of the sear 18.

A hammer 21 is pivoted in the casing 3, and at its inner end it is provided with a shoulder 22, designed to be engaged by the sear 23, said sear having a forwardly-projecting portion to be engaged by the trigger on its inward swinging motion. The sear 23 is held yieldingly in engagement with the hammer by means of a spring 24, and a spring 25, engaging with the hammer 21, serves to throw the outer end of said hammer forward when released from the sear.

At the rear end of the casing 3 is a holder 26 for a sound-producing cap—such, for instance, as a paper cap having fulminate thereon. Such a cap is indicated at 27.

The target 28 may be of any desired form. It is here shown as made to represent a bird, and the projectile 29 is indicated as an arrow or dart.

In the operation the plungers 5 and 9 are to be forced inward to engage their stems with the sears, as indicated in Fig. 1. Then the target and projectile are to be placed in the barrels. Upon pulling the trigger 15 the plunger 5 will be released and under the momentum of the spring 8 will throw the target forward, and then upon a further movement of the trigger the plunger 9 will be released, so as to discharge the projectile. At this same time the hammer 21 will be released and will strike upon the sound-producing device. Of

course the two devices may be operated at any required length of time—that is, after discharging the target a person may wait until the target reaches the proper distance before discharging the projectile.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. A gun comprising a target-barrel and a projectile-barrel, spring-pressed plungers operating in said barrels, retaining devices for said plungers, and means for releasing said retaining devices one after the other, substantially as specified.

2. A gun comprising a target-barrel and a projectile-barrel, spring-pressed plungers operating in said barrels, independent sears for holding the plungers in discharging position, and means for operating the sears to release the plungers one after the other, substantially as specified.

3. A gun comprising a target-barrel, a projectile-barrel longer than the target-barrel, a plunger in the target-barrel, a stem extended from said plunger and movable through an opening in the breech of the target-barrel and having a shoulder at its end, a plunger in the projectile-barrel, a stem for said plunger movable through an opening in the breech of the projectile-barrel and having a shoulder, springs for forcing said plungers outward, a trigger having a sear portion for engaging the

shoulder of the first-named stem, a sear for engaging the shoulder of the other stem, and springs for holding said sears in engaging position, the sear for the last-named stem being arranged above the trigger and moved thereby, substantially as specified.

4. A gun comprising a target-barrel, a projectile-barrel, spring-pressed plungers operating in said barrels, means for releasing the plungers one after the other, and a spring-pressed hammer also released by said means, substantially as specified.

5. A gun comprising a target-barrel, a projectile-barrel, spring-pressed plungers operating in said barrels, means for holding the springs in pressed or discharging position, a trigger operating to release the said means one after another, a hammer, a spring-pressed sear engaging with said hammer and adapted to be operated by the trigger, and a holding device for a sound-producing cap adapted to be struck by the hammer, substantially as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

MALINDA C. ANTHONY,
Administratrix of the estate of Mark Anthony, deceased.

Witnesses:

MARIE A. WALKER,
C. K. MARSHALL.