

R. A. MOORE.
TOY PISTOL.
APPLICATION FILED JULY 1, 1910.

994,649.

Patented June 6, 1911.

2 SHEETS-SHEET 1.

Fig. 1.

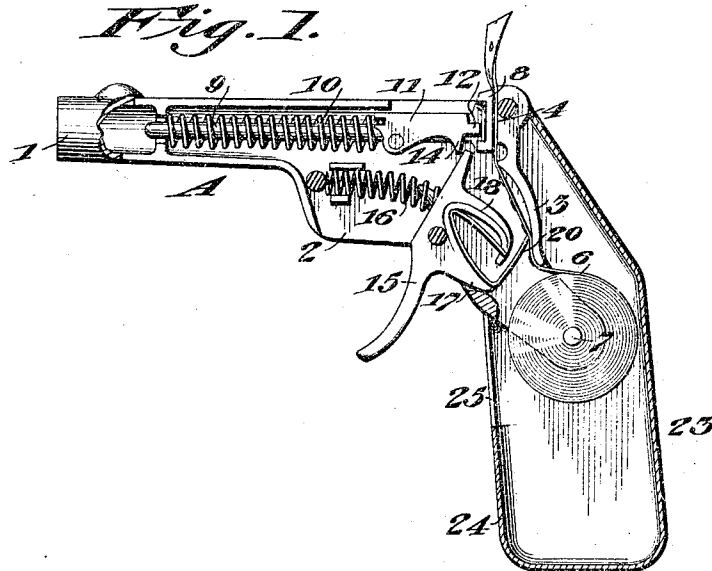
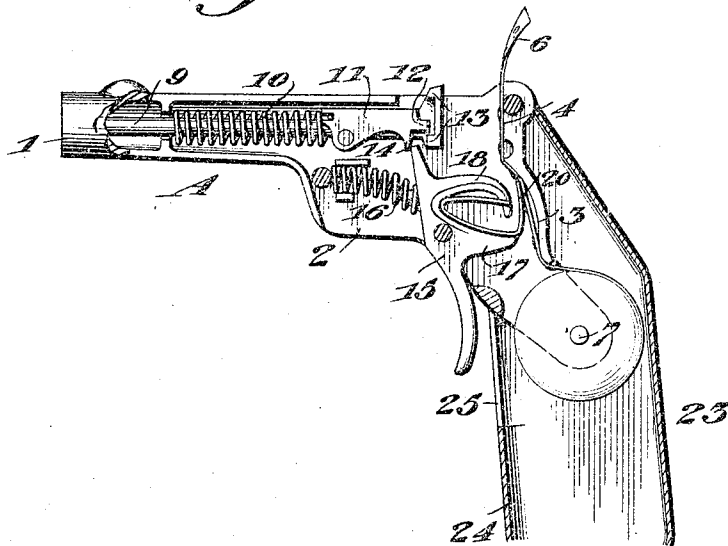


Fig. 2



Witnesses

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Fig. 3.

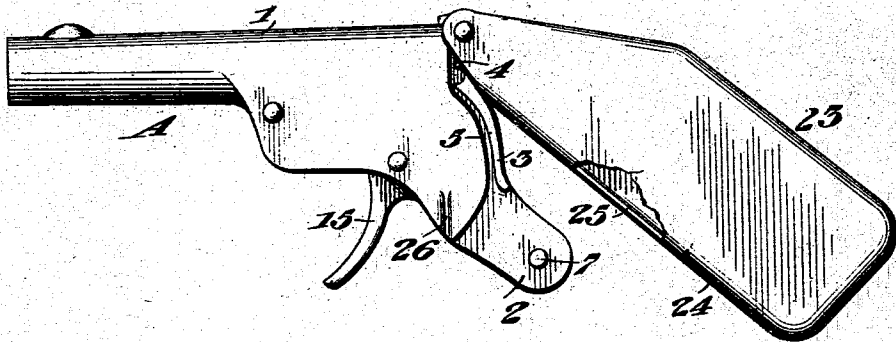


Fig. 5.

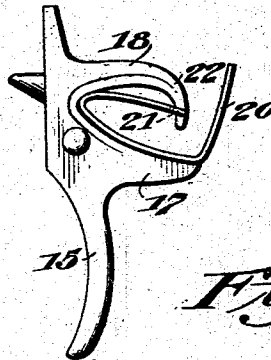


Fig. 6.

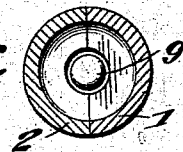


Fig. 4.



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RAPHAEL A. MOORE, OF PORTSMOUTH, OHIO.

TOY PISTOL.

994,649.

Specification of Letters Patent.

Patented June 6, 1911.

Application filed July 1, 1910. Serial No. 569,984.

To all whom it may concern:

Be it known that I, RAPHAEL A. MOORE, a citizen of the United States, residing at Portsmouth, in county of Scioto and State of Ohio, have invented certain new and useful Improvements in Toy Pistols, of which the following is a specification.

My invention relates to an improvement in toy pistols, and the object is to provide means for supporting or carrying the explosive tape at the rear end of the barrel whereby it can be fed upon the anvil and in the path of the movable hammer.

The invention consists in certain novel features of construction and combinations of parts which will be hereinafter fully described and pointed out in the claims.

In the accompanying drawings:—Figure 1 is a longitudinal vertical sectional view; Fig. 2 is a similar view showing the trigger acting upon the hammer and about to release the hammer for the firing stroke; Fig. 3 is a view in side elevation showing the handle raised for loading; Fig. 4 is a side view of the hammer; and Fig. 5 is a side view of the trigger with the feed spring connected thereto; Fig. 6 is a sectional view through the barrel showing the two complementary parts.

A represents the barrel, which is made in two sections, 1 and 2. Section 2 extends beyond the side section 1 at the rear end of the barrel. A rib 3 is formed on the side section 2, which is provided with an anvil 4 at the upper forward end thereof. Between the outer edge of the rib and the side section 1, a slot or passage 5 is provided, through which the explosive tape 6 is received in loading the gun. The tape, which is preferably in a roll, is mounted upon the pin 7 which is formed on the rear end of the side section 2 and in the rear of the rib 3, the tape being fed from the roll on the pin 7 underneath the lower end of the rib 3 up to the anvil 4.

The plunger or hammer 8 is slidably mounted in the barrel of the pistol, and surrounding the stem 9 of the hammer is a coil spring 10, one end of which engages the pawl 11 which is pivotally mounted on the hammer. The rear end of the pawl is provided with a lug 12 which is received in a recess 13 formed in the hammer 8. The lug is of a size and thickness to allow the pawl to have a slight vertical movement. A lug 14 is formed on the under side of the

pawl, which is adapted to be engaged by the trigger 15 for reciprocating the hammer. The trigger 15 is provided with a spring 16 for causing the trigger to return to its original position after the hammer has been released for the firing stroke. Upon the movement of the trigger 15, the hammer is forced toward the forward end of the barrel, until the upper end of the trigger passes the lug 14, when the hammer will be released, and under the tension of the spring 10, the hammer will be moved rearwardly against the anvil 4, causing an explosion of a cap or fulminate on the tape. When the trigger returns after its disengagement from the hammer, under the tension of the spring 16, it will have to pass the lug 14 on the pawl 11, and as the upper end of the trigger engages the lug 14, the pawl will be caused to move upwardly, allowing the trigger to pass beneath the lug 14.

The trigger 15 is provided on its rear side with arms 17 and 18. A feed spring 20 has the lower end thereof bent at right angles, so that the right angular portion rests upon the arm 17, and the right angular portion has the end thereof bent parallel therewith, so that the end will bear against the arm 18, the end of the spring being provided with an opening 21, in which is received the projection 22 on the arm 18, for locking the spring between the arms 17 and 18. The spring 20 bears against the rib 3, and causes the tape to be fed upward onto the anvil and in the path of the hammer upon the movement of the trigger in actuating the hammer for the firing stroke.

The handle 23 is pivotally mounted at the upper end of the rib 3. The sides 24 of the handle 23, are received over and upon the side sections 1 and 2 of the barrel, ridges 25, being formed on the inner surface of the sides, which ridges are received in grooves 26 on the sections 1 and 2 of the barrel for locking the handle in position.

Having fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. A toy pistol comprising a barrel and a hammer, means for carrying an explosive tape on the barrel, a trigger for operating the hammer for exploding the tape, a handle pivotally connected to the barrel inclosing the tape, and means for locking the handle to the barrel.

2. A toy pistol, comprising a barrel and

handle, an anvil on the barrel, a hammer, a pawl connected to the hammer, a trigger engaging the pawl for operating the hammer, and a spring engaging the pawl for normally holding the hammer against the anvil and holding the pawl in a position to be engaged by the trigger.

3. A pistol comprising a magazine for receiving the explosive tape, a hammer, a trigger for actuating the hammer, arms on the trigger, a spring having one end thereof received between the arms, and means on one of the arms engaging the spring for holding it in position between the arms, said spring moved upon the operation of

the trigger for feeding the tape into the path of the hammer.

4. A pistol comprising a barrel having grooves in the sides thereof, a handle pivotally connected thereto, and ridges on the sides of the handle received in the grooves in the barrel for locking the handle to the barrel.

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

RAPHAEL A. MOORE.

Witnesses:

CECIL A. MILLER,
JOSEPH G. STEAGALL.