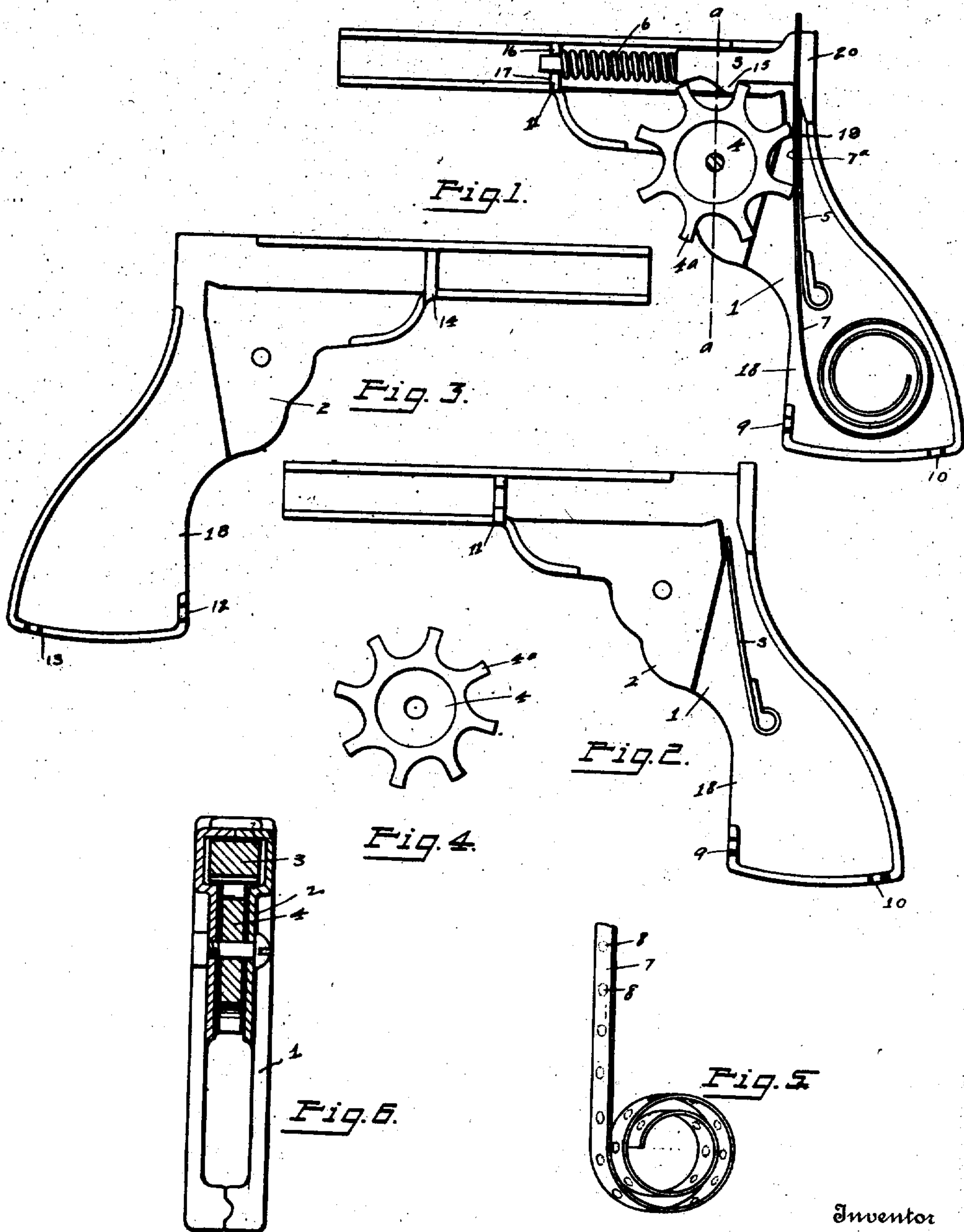


973,886.

R. D. SIMPSON,
TOY PISTOL.
APPLICATION FILED MAY 19, 1910.

Patented Oct. 25, 1910



Witnesses

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TOY PISTOL.

973,886.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ROBERT D. SIMPSON, a citizen of the United States, residing at Columbus, in the county of Franklin 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 toy pistols and means for exploding percussion caps thereon in which the caps to be employed are arranged at regular intervals on a strip of paper which is rolled and secured within the handle of the pistol.

The object of my invention is to provide a device of this character which can be repeatedly discharged without reloading and one in which a rotatable member performs the functions of trigger, simultaneously actuating the firing pin and advancing the rolled strip to bring the succeeding percussion cap into position for firing.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a view in elevation showing the right hand member of the pistol body with the firing mechanism in place thereon, Fig. 2 is an interior view of the right hand handle member, Fig. 3 is an interior view of the corresponding left hand member, Fig. 4 is a detail view of the revolving trigger and firing device, Fig. 5 is a perspective view of a roll of paper having percussion caps mounted thereon, and Fig. 6 is a sectional view of the device through the line *a—**a* of Fig. 1.

Similar numerals refer to similar parts throughout the several views.

In carrying out my invention, I employ two hollow shells 1 and 2 formed to simulate a revolver, a firing pin 3, an actuating member 4, bearing projections 4^a adapted to contact with the shoulder 15 on the firing pin 3 and cause the latter to discharge the cap at the anvil 20 and a roll of paper or like material 7 having percussion caps 8 mounted thereon. Lugs 9, 10 and 11 in the right hand member are adapted to engage corresponding depressions 12, 13 and 14 in the left hand member, a shoulder 15 on the firing pin affording a seat for the spring 6 and lugs 16 and 17 support the said spring at the opposite end thereof. The shell walls are broken away at 18 to leave an opening in the assembled shell through which a roll of caps may be inserted.

My invention is operated as follows: A

roll of caps 7 is inserted within the assembled handle, through the opening 18, the end thereof passing along the surface of the flat spring 5 to the point of its engagement 19 with the projections 4^a. The finger of the person employing the device being applied to the projection acting as a trigger, the revolving member 4 by one of the projections 4^a, engages the end 7^a of roll 7 drawing it in an upward direction and another projection at the time of the same impulse, engages the shoulder 15 on the firing pin 3 reciprocating the same in an outward direction and against the spiral spring 6 and the pin being thereafter released, flies backward against the anvil 20 discharging successively the percussion caps 8 in the roll 7. Fresh rolls of caps are readily applied to the device, through the opening 18.

From the foregoing description, it will be seen that simple and efficient means are herein provided for accomplishing the objects of the invention, but while the elements shown and described are well adapted to serve the purposes for which they are intended, it is to be understood that the invention is not limited to the precise construction set forth, but includes within its purview such changes as may be made within the scope of the appended claims.

What I claim, is—

1. In a device of the class described, the combination of a suitable casing, an anvil therefor, a reciprocating firing pin, and a rotating member having a series of projections extending radially therefrom, said projections being adapted to act as triggers, and upon the movement of the rotating member to actuate the firing pin and feed a tape past the anvil.

2. In a device of the class described, the combination of a suitable casing, an anvil therefor, a reciprocating firing pin, tension means normally holding said pin against said anvil, and a rotating member provided with a series of projections adapted to engage a portion of the firing pin to move the same out of contact with the anvil against the action of the tension means, and to feed a tape or strip of caps between the anvil and the pin.

3. In a device of the class described, the combination of a casing, an anvil therefor, a reciprocating firing pin mounted within the casing and cooperating with the anvil, a spring member within the casing, a rotat-

ing member mounted adjacent thereto and provided with a series of projections adapted severally to act as triggers and to feed a tape in contact with said flat spring 5 over the anvil, and to reciprocate the firing pin.

4. In a device of the class described, the combination with a casing, an anvil carried thereby, a hammer comprising a slidably 10 mounted firing pin cooperating with the anvil, a spring for tensioning said pin and normally holding the same against the anvil, a shoulder on one end of the firing pin, a

rotating wheel member, and projections on the wheel member adapted to act simultaneously as triggers, as means to feed a tape over the anvil, and means for reciprocating the firing pin, said tape being located in a recess in the casing.

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

ROBERT D. SIMPSON.

Witnesses:

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