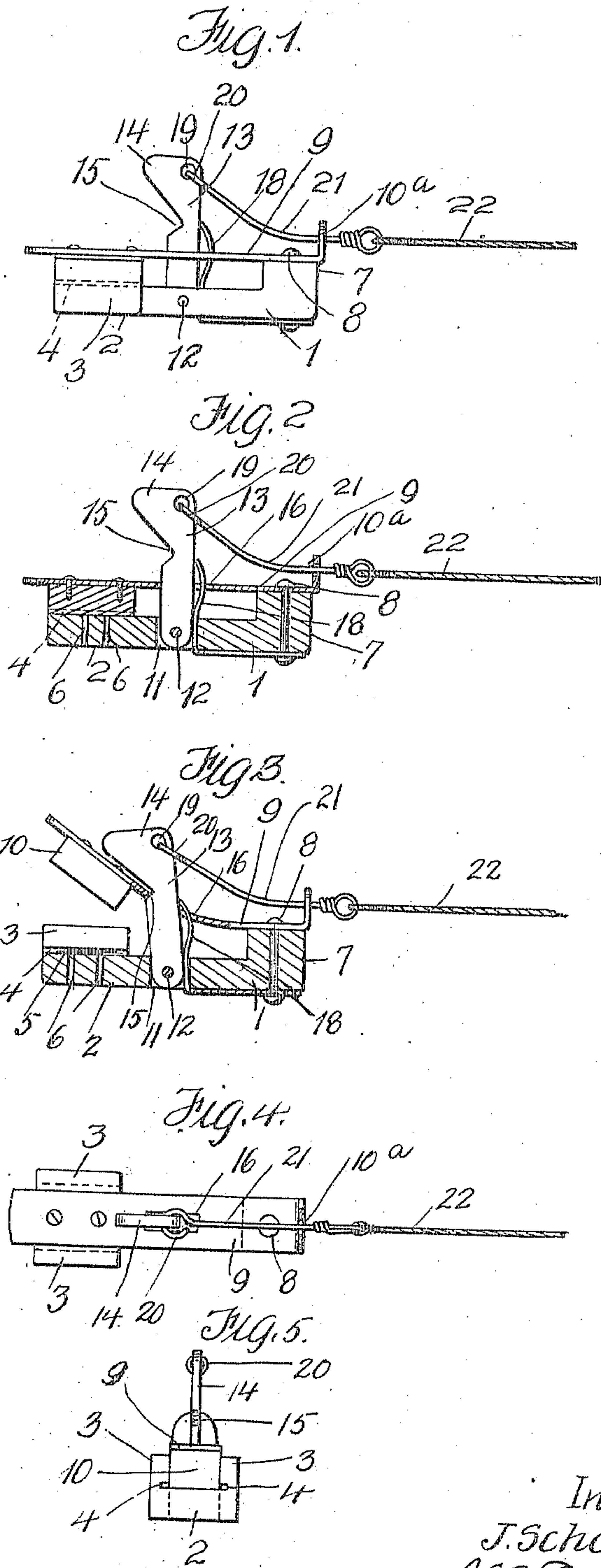


J. SCHOLTES.
TOY GUN.

APPLICATION FILED OCT. 13, 1909.

947,621.

Patented Jan. 25, 1910.



Witnesses:—
Samuel Payne.
David Turner

Inventor
J. Scholtes.
by A. C. Everett & Co.
Attorneys.

UNITED STATES PATENT OFFICE.

JOSEPH SCHOLTES, OF MOUNT OLIVER BOROUGH, PENNSYLVANIA.

TOY GUN.

947,621.

Specification of Letters Patent.

Patented Jan. 25, 1910.

Application filed October 13, 1909. Serial No. 522,431.

To all whom it may concern:

Be it known that I, JOSEPH SCHOLTES, a citizen of the United States of America, residing at Mount Oliver borough, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Toy Guns, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to toy guns, and the primary object of my invention is to provide a gun which can be fired at a point remote to the hand of the operator, thereby eliminating all danger of injury that might be incurred by the detonation of a cap in proximity to an operator's hand.

Another object of this invention is to provide a toy gun that can be safely used on holiday occasions, as the Fourth of July, New Year's, and Hallowe'en.

A further object of this invention is to furnish a toy gun with simple and inexpensive means for causing the detonation of a cap placed in the gun.

A still further object of this invention is to accomplish the above results by a durable structure that will be positive in its action and free from injury by ordinary use.

With the above and other objects in view the invention consists of a novel construction, combination and arrangement of parts to be hereinafter described in detail and then claimed.

Reference will now be had to the drawing forming a part of this specification wherein there is illustrated a preferred embodiment of the invention; but it is to be understood that the structural elements thereof can be varied or changed as to shape, proportion and manner of assembling without departing from the spirit of the invention.

In the drawings:—Figure 1 is a side elevation of the gun. Fig. 2 is a longitudinal sectional view of the same, illustrating the gun in a closed or snapped position. Fig. 3 is a similar view showing the gun open or cocked. Fig. 4 is a plan of the gun, and Fig. 5 is an end view of the same.

In the drawing the reference numeral 1 denotes a T-shaped bottom having the head 2 thereof provided with vertical parallel ribs 3, these ribs being of a width corresponding to those portions of the head extending beyond the longitudinal sides of the body 1. The ribs 3 are provided with longitudinal confronting grooves 4, said grooves being lo-

cated at the upper surface of the body 1 and adapted to receive an explosive cap 5 which is supported upon the body. The body directly beneath the cap is provided with two vent openings 6, which permit small particles of matter to pass through the head 2.

The rear end of the body 1 is provided with a vertical enlargement 7, the upper surface of which is in a horizontal plane with the upper surface of the ribs 3. Secured to the enlargement 7 by a rivet 8 or other fastening means is a flat spring or resilient strip of metal 9, having the rear end thereof bent upwardly and provided with an opening 10^a. The under side of the spring 9 at the forward end thereof is provided with a dependent block 10 adapted to fit between the ribs 3 and cause a detonation of the cap 5.

The body 1 is provided with an elongated vertical opening or slot 11, and pivotally mounted between the side walls of said slot by a transverse pin 12 is a trigger 13 having a triangular shaped head 14 and a notch 15. The trigger 13 extends through an elongated opening or slot 16 provided therefor in the spring 9, and that portion of the spring 9 bordering upon the outer end of the slot 13 is adapted to engage in the notch 15 of the trigger, said trigger holding the spring 9 in a raised or cocked position.

Secured to the under side of the body 1 by the rivet 8, which holds the spring 9 is the lower end of a curved-spring 18 which extends upwardly through the slot 11 and engages the rear side of the trigger 13, the function of this spring being to normally hold the trigger in engagement with the spring 9.

The triangular shaped head 14 of the trigger 13 is provided with an opening 19 and connected to said head through the medium of the opening 19 is a hook-shaped end 20 of a rod 21 bent to extend through the opening 10^a.

I reserve the right to use any fastening means for connecting a cable or cord to the trigger.

The cord or cable 22 is of sufficient length to allow the gun to be swung a safe distance from the operator before the cap 5 is detonated. It is obvious that when the trigger 13 is cocked and a cap is within the head 2 that the spring 9 will be released when the gun is thrown away from the operator and is suddenly halted or stopped by holding

onto the cord or cable 22 which through the medium of the spring 18 of the trigger is safely held in a cocked position, and it is only the sudden cessation in the movement
 5 of the gun that causes the trigger to move out of engagement with the spring 9 and allow said spring to move the block 10 with such force as to explode the cap 5. Since this operation is accomplished some distance
 10 from the operator, there is no danger of the operator being injured.

The gun in its entirety is made of strong and durable metal, with the exception of the cable or cord 22, and the size of the gun is
 15 such that it can be easily carried in the vest pocket.

Having now described my invention what I claim as new is:—

1. A toy gun, comprising a body adapted
 20 to hold a cap, a firing block, a spring carrying said block and connected to said body and adapted to operate the block to cause detonation of the cap, a trigger carried by said body extending through and
 25 adapted to hold said spring preparatory to firing said cap, and means for releasing said trigger at a point remote from the hand of the operator of said gun.

2. A toy gun comprising a body adapted
 30 to hold a cap, a firing block, a spring carrying and operating said block and connected to said body and adapted to be held under tension preparatory to firing the cap, a spring pressed trigger carried by said body

extending through and adapted to hold said
 35 spring under tension, and a cable connected to said trigger and adapted to move said trigger to release said spring.

3. A toy gun comprising a body adapted
 40 to hold a cap, a spring connected to said body and adapted to be held under tension preparatory to firing the said cap, said spring having the rear end thereof bent upwardly and provided with an opening, a
 45 trigger pivotally connected to said body and adapted to extend upwardly and through said spring and engage said spring to hold said spring preparatory to firing said cap, and means connected with said trigger and
 50 extending through the rear end of said spring for removing said trigger and releasing said spring.

4. A toy gun comprising a T-shaped body adapted to hold a cap, a spring connected to
 55 said body, a block connected to said spring and adapted to impinge said cap, a spring-pressed trigger connected to said body and adapted to extend upwardly through said
 60 spring and retain said spring under tension, and means connected with said trigger for releasing said trigger at a point remote to the hand of the operator of said gun.

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

JOSEPH SCHOLTES.

Witnesses:

Jos. J. AUGUSTIN,
 DAVID ROSS WILSON.