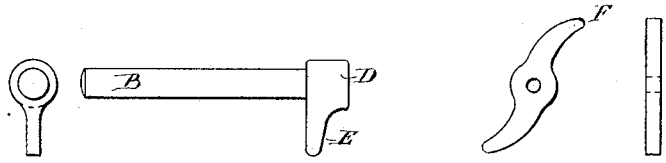
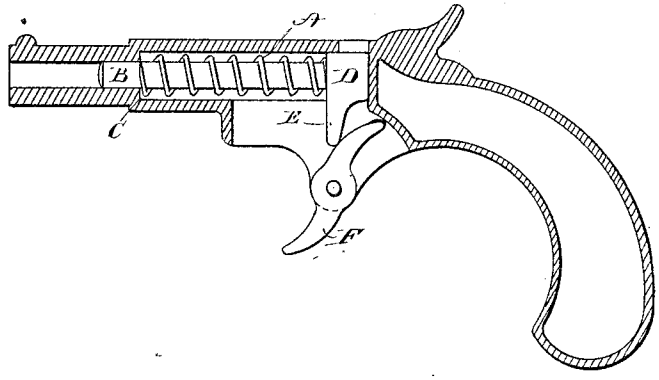
(No Model.)

E. J. STEELE.

TOY PISTOL.

No. 288,272. Patented Nov. 13, 1883.





Witnesses;
W. D. Bishop Jr
W. T. Haviland

Inventor:
Elbridge J. Steele
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UNITED STATES PATENT OFFICE.

ELBRIDGE J. STEELE, OF NEW BRITAIN, ASSIGNOR TO JAMES WATSON, JR., OF BRIDGEPORT, CONNECTICUT.

TOY PISTOL.

SPECIFICATION forming part of Letters Patent No. 288,272, dated November 13, 1883.

Application filed February 20, 1883. (No model.)

To all whom it may concern:

Be it known that I, ELBRIDGE J. STEELE, a citizen of the United States, residing at New Britain, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Toy Pistols; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain new and useful improvements in toy pistols for exploding fulminate caps, and has for its object to provide such a device which shall be self-cocking, while at the same time the hammer shall be so situated that the fulminate will not scatter when exploded, thereby rendering its use free from danger; and with these ends in view my invention consists in a spring-bolt arranged within the barrel of the pistol, and a revolving trigger operating upon said bolt, in the manner and for the purpose hereinafter fully and in detail explained, and then specifically designated by the claims.

In order that those skilled in the art to which my invention appertains may understand more fully how to make and use my improvement, I will proceed to describe the same in detail, referring by letters to the accompanying drawing, forming part of this specification, in which a central vertical longitudinal section of my device is shown.

A is an ordinary coil-spring, and B a bolt placed within the same. This spring rests or abuts against a shoulder, C, in the barrel of the pistol, so that it cannot drop out while in use. The shank of the bolt B is less in diameter than the bore of the pistol, so as to work or slide freely in the same.

D is a head on the end of the bolt, and its diameter is greater than that of the spring, so that it will be readily understood that said spring, when the several parts are in operative position, as seen in the drawing, will be confined between the shoulder C and the head D.

E is a lug projecting from the head of the bolt downward toward the trigger.

F is the trigger, which consists of a piece of metal pivoted at the center within the shell of the pistol in such manner as to revolve freely.

In assembling the parts of my improvement, I insert the bolt within the spring and place the two in one shell of the pistol. The two shells are then riveted or otherwise secured together.

The trigger is constructed in such a manner that each radial arm will come in successive contact with the projecting lug on the bolt-head as said trigger revolves.

The operation of my improvement is as follows: The trigger is pressed in the usual way until the bolt has been forced far enough ahead to permit a fulminate cap to be placed back of the head of the bolt, between the same and the stock of the pistol. By continuing the pressure on the trigger the bolt is forced ahead until the trigger is out of engagement with the projecting lug, when the force of the spring causes the bolt to fly back, thereby exploding the cap.

Prior to my invention toy pistols of various descriptions have been constructed; but the great disadvantage in these has been that the hammer is constantly getting out of order, owing to the necessarily cheap construction of the device; and also if the spring that actuates the said hammer is stiff there is danger in catching the finger underneath the same as it descends. By the use of my improvement there are none of these disadvantages, since the ordinary hammer is dispensed with and a spring-bolt substituted therefor within the barrel of the pistol and entirely out of the way.

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

1. In a toy pistol, a spring-bolt arranged within the barrel of the pistol, and adapted to be actuated by the trigger without any intervening mechanism, substantially as set forth.

2. The spring-bolt B, having projecting lug E, in combination with the trigger F, without any intervening mechanism, substantially as set forth.

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

ELBRIDGE J. STEELE.

Witnesses:

WM. D. BISHOP, JR.,

W. T. HAVILAND.