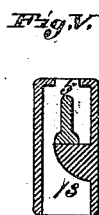
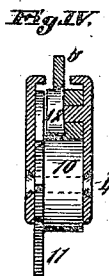
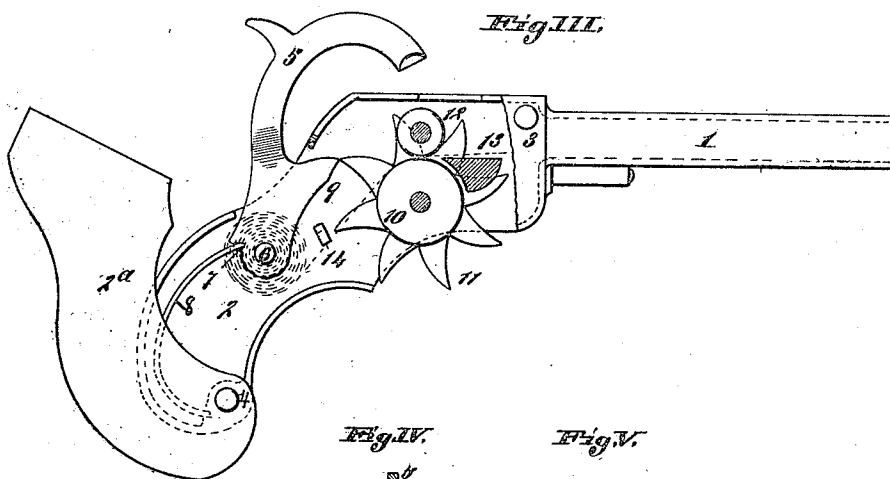
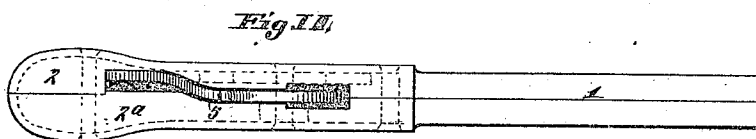
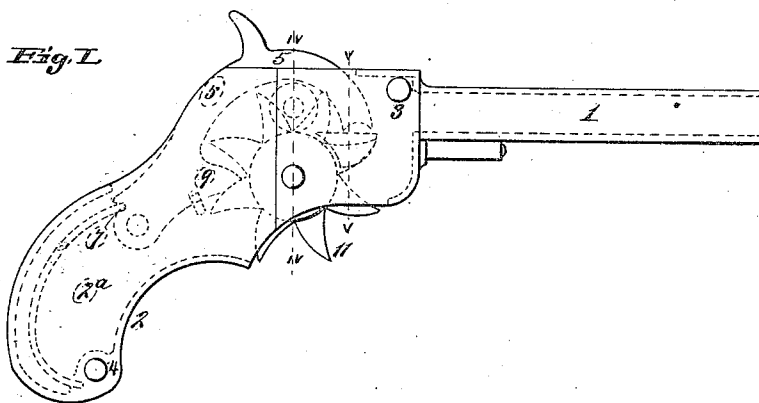


(No Model.)

D. A. CLARK.
TOY PISTOL.

No. 471,098.

Patented Mar. 22, 1892.



Attest;
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UNITED STATES PATENT OFFICE.

DAVID A. CLARK, OF ST. LOUIS, MISSOURI.

TOY PISTOL.

SPECIFICATION forming part of Letters Patent No. 471,098, dated March 22, 1892.

Application filed March 11, 1891. Serial No. 384,586. (No model.)

To all whom it may concern:

Be it known that I, DAVID A. CLARK, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Toy Pistols, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to that class of toy pistols employing fulminate strips or ribbons; and my invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

Figure I is a side elevation representing my improved toy pistol. Fig. II is a top view. Fig. III is a side elevation showing one side of the handle drawn back to exhibit the interior construction of the device. Fig. IV is a section taken on line IV IV, Fig. I. Fig. V is a section taken on line V V, Fig. I.

Referring to the drawings, 1 represents the barrel of the pistol and 2 the handle or grip. The handle is preferably made in two parts, 2 and 2^a, secured together by a pivot 4. The barrel is secured by a rivet 3 to the main part 2 of the handle. The other part 2^a of the handle swings on the pivot to give free access to the interior of the pistol.

5 represents the hammer of the pistol pivoted to the handle 2 by a pin 6, and provided with a notch 7, in which rests the usual spring 8. The hammer has in front a projection 9 for a purpose that will be hereinafter explained.

10 represents a roller journaled in the body of the pistol, and having one of its sides provided with a number of points or cams 11, each one of which forms a trigger for operating the hammer of the pistol. Over the roller 10, and in close proximity to it, is journaled a co-operating or idle roller 12, preferably made of or having a coating of rubber, and in front of the roller 10 is an anvil-block 13, on which the fulminate is exploded.

14 represents a strip or ribbon, (shown in dotted lines, Fig. III,) having on its upper surface drops of the fulminate at a short distance apart. This fulminate strip or ribbon is wound on the pin 6 of the hammer and passes forward and up between the rollers 10 and 12 and across the lug 13, where the hammer descends and explodes the fulminate.

The operation of my invention is as follows: The fulminate strip is first placed loosely on the pin 6, which may be readily done when the part 2^a of the handle has been drawn back, and the end of the strip is passed between the rollers 10 and 12. The pistol is then ready for use, and the operator places his finger in front of the one of the projecting trigger-points 11 which is then in position on the lower side of the pistol, and, pulling upon it, another of the trigger-points in proximity to the projection 9 on the hammer will press against the projection 9 and raise the hammer, and as soon as the trigger-point has passed the projection the hammer descends and explodes the fulminate, and so on in like manner until all the fulminate drops have been exploded.

I claim as my invention—

1. The combination, in a toy pistol, of the rollers 10 and 12, located in close proximity for contact with opposite sides of the fulminate strip, the roller 10 having projections 11, constituting the hammer-raising cams and triggers, substantially as set forth.

2. The combination, in a toy pistol, of the pin 6, adapted to carry the fulminate strip 14, the feed-rollers 10 and 12, adapted to contact with opposite sides of the strip 14, the former having the projections 11, the hammer 5, and the anvil-block 13, substantially as set forth.

DAVID A. CLARK.

In presence of—

E. S. KNIGHT,
A. M. EBERSOLE.