(No Model.)

J. GOOD.

TOY PISTOL.

No. 455,099. Patented June 30, 1891.

Fig. 2.

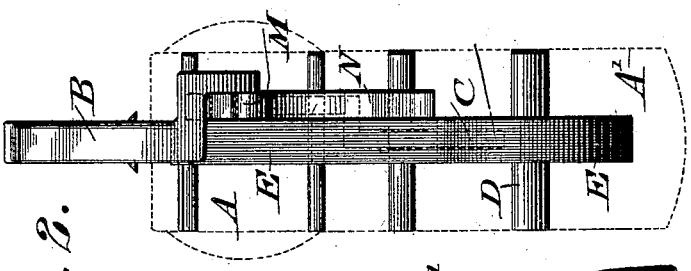
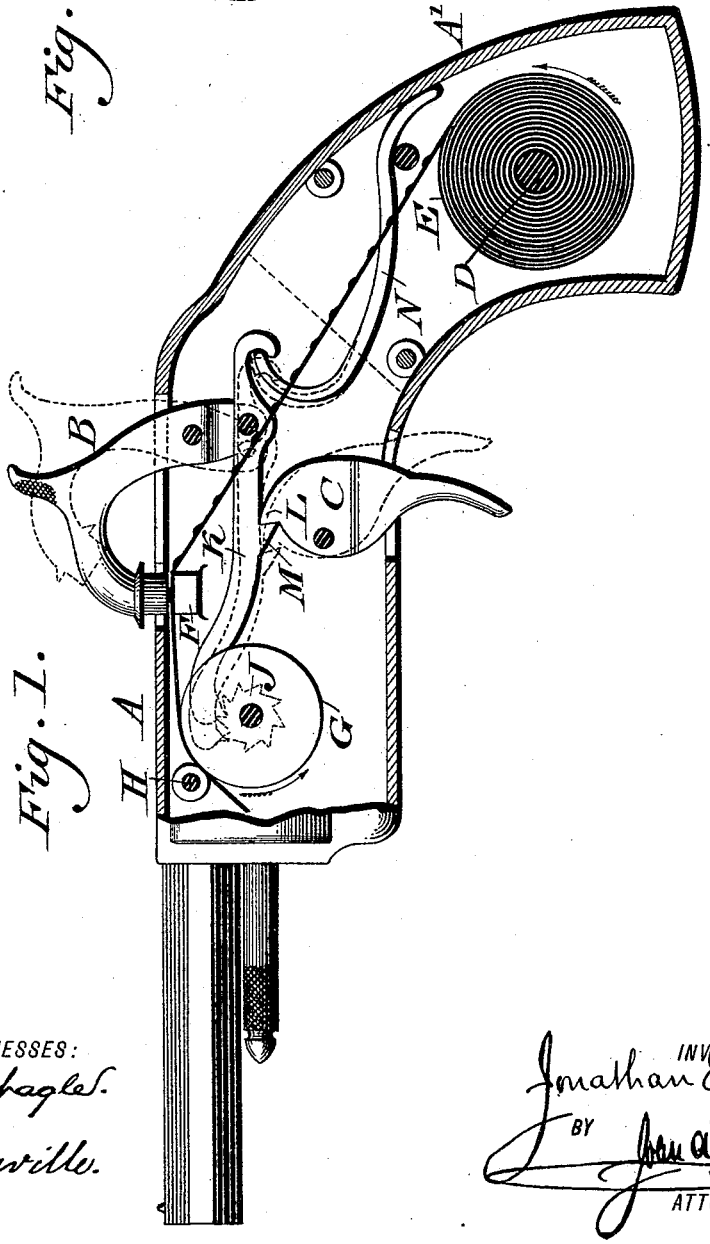


Fig. 1.



WITNESSES:

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TOY PISTOL.

SPECIFICATION forming part of Letters Patent No. 455,099, dated June 30, 1891.

Application filed December 10, 1890. Serial No. 374,130. (No model.)

To all whom it may concern:

Be it known that I, JONATHAN GOOD, a citizen of the United States, residing at Ridley Park, in the county of Delaware and State of Pennsylvania, have invented a new and useful Improvement in Toy Pistols, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of a toy pistol having means, as hereinafter described, for advancing a fulminating-tape held within the handle and stock thereof.

It further consists of novel means for cocking the arm and operating the same.

It further consists of the combination of parts hereinafter described.

Figure 1 represents a partly-side and partly-sectional view of a toy pistol embodying my invention. Fig. 2 represents an end view of the interior mechanism of the device.

Similar letters of reference indicate corresponding parts in the two figures.

Referring to the drawings, A designates the stock, and A′ the handle portion, of a toy pistol, B the hammer, and C the trigger thereof. Within the portion A′, which is hollow, and thus forms a magazine-chamber, is journaled a roller D, adapted to carry a roll E of tape, having fulminates or caps thereon, and which is drawn over the anvil F by means of the feeding-rollers G and H, journaled within the said stock. On the end of the roller G is secured a ratchet J. The hammer B is pivotally mounted in the stock, and has its nose end adapted to strike a fulminate or cap on the tape as it is drawn over the anvil, and its lower end pivoted to a dog K, which latter is adapted to engage with the teeth of the ratchet J, so that when the dog is moved forward it rotates said ratchet and thereby the roller G, thus drawing the tape between the rollers G H and over the anvil F.

The trigger C has on its upper end a shoulder L, adapted to engage a shoulder M on the dog K, so as to move the same forward. A spring N is secured at one end to the handle and has its other end connected with the rear end of the dog K, so as to be adapted to move the said dog K backward when pressure is removed from the lower end of the trigger, thus lowering the head of the hammer and thereby discharging a cartridge on the portion of the tape which is on the anvil. As the trigger is drawn back, the dog K is moved forward, thereby rotating the ratchet and the roller G, thus bringing another fulminate or cap over the anvil. When the trigger is released, the hammer is discharged, thus striking the fulminate or cap.

It will be seen that the movement which resets or cocks the hammer reloads the piece and that the release of the pressure from the trigger permits the operation of the spring N, so that the pistol is readily discharged thereby without outside force.

The roll of tape being within the casing or handle is protected from exposure and the arrangement of parts, as described, affords an easy and reliable operation of the feeding or "loading" device.

The tape may be renewed when exhausted, the pistol having a removable plate at the side, whereby access is had to the chamber in the handle.

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

1. A toy pistol having a magazine-chamber in the handle thereof, a roller in said chamber carrying a tape of fulminates or caps, feeding-rollers for said tape, loading mechanism consisting of a spring-actuated dog and a hammer pivoted in the stock of the device and having the said dog pivoted thereto, said hammer being cocked by the positively-impelled movement of said loading mechanism, and the fulminates or caps fired by the automatic retraction of said dog, said parts being combined substantially as described.

2. A toy pistol having a hollow stock and handle, a supply-roller in said handle adapted to support a fulminate or cap tape, feeding-rollers for said tape, a hammer, a trigger, and a dog connected with said hammer and adapted to be positively impelled by said trigger for loading the pistol and cocking the hammer and automatically retracted to fire or explode the fulminate, said trigger, dog, and hammer being located intermediate of the fulminate or cap-carrying roll and the feed-rollers thereof, all combined substantially as described.

3. A toy pistol having a hollow stock and handle, a supply-roller in said handle carry-

ing a tape of fulminates or caps, feeding-rollers, one of the latter having a ratchet connected therewith, a pivoted hammer, an anvil, a dog with spring attachment pivotally connected with the lower end of said hammer, and a pivoted trigger adapted to engage said dog to positively impel the same against the automatic retractile action of said spring attachment, said hammer, dog, trigger, and anvil being located intermediate of the said supply-roller and the feed-rollers, and said dog being adapted to engage the ratchet of the feeding-rollers, said parts being combined substantially as described.

4. A toy pistol having a hollow stock and handle, a supply-roller, feeding-rollers, one of the latter having a ratchet connected therewith, a pivoted hammer, a pivoted trigger, a dog connected with the lower end of the hammer, a pivoted trigger adapted to engage the dog and move the same in the direction of the ratchet so as to rotate the latter, and a spring for drawing back the said dog, said parts being combined substantially as described.

JONATHAN GOOD.

Witnesses:
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