

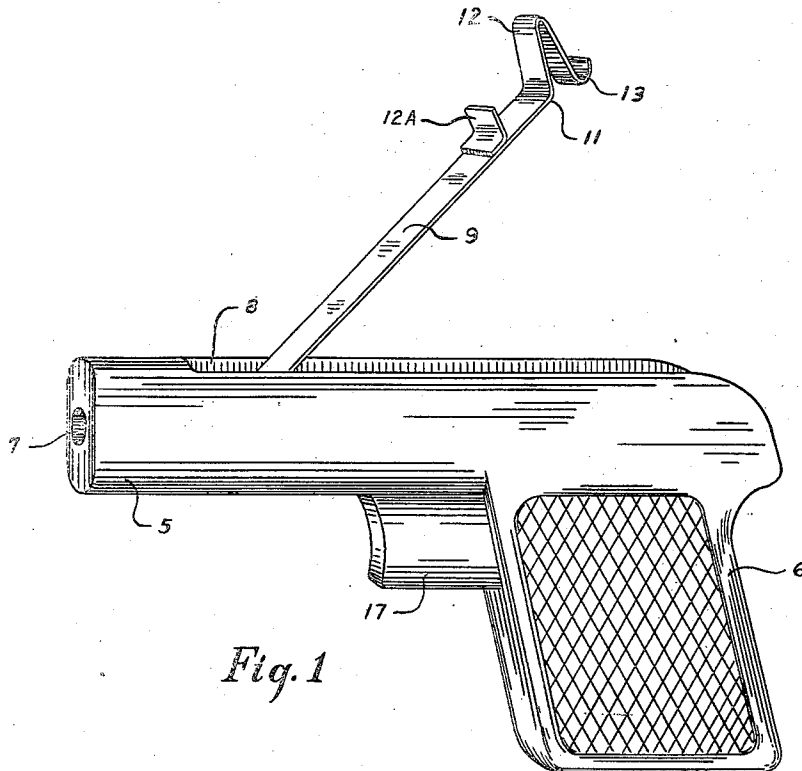
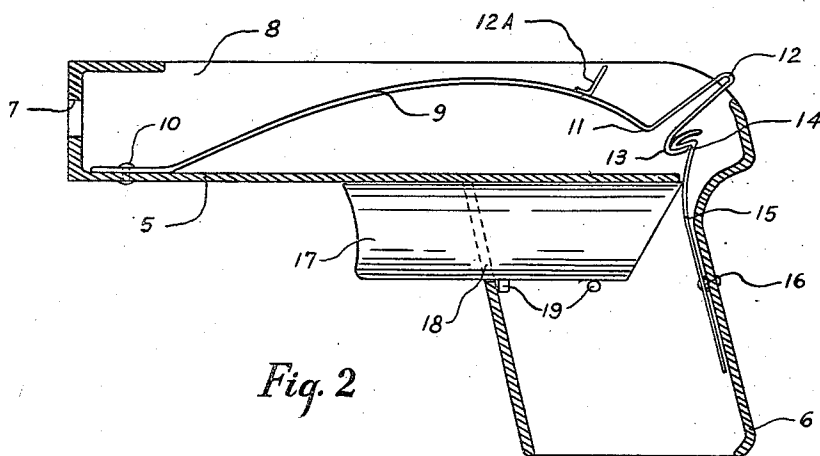
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TOY PISTOL

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TOY PISTOL

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2 Claims. (Cl. 124-7)

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This invention relates to toy pistols and has for an object the provision of a novel construction of pistol adapted for projecting marbles or other missiles.

Another object of the invention is the provision of a toy pistol which is simple in construction, economical to manufacture, and efficient in use.

Another object of the invention is the provision of a device of the character referred to which employs a catapulting principle in projecting the missile.

Other objects and advantages of the invention will appear as the description proceeds, reference being made from time to time to the accompanying drawing forming part of this disclosure, in which drawing:

Fig. 1 is a perspective view of a toy pistol embodying the invention.

Fig. 2 is a longitudinal section taken through the device illustrated in Fig. 1.

Referring now more particularly to the drawing, it will be understood that in the embodiment herein disclosed, my improved device consists of a barrel 5 and a handgrip 6 in which are mounted the working elements hereinafter described. The barrel 5 and the handgrip 6 are preferably formed integrally of two matched stampings which may be secured together by welding or other suitable means.

The barrel member 5 has a simulated muzzle opening 7 and is longitudinally open at the top as at 8 to accommodate the working spring 9 which projects the missile as hereinafter described.

The spring 9 is riveted or otherwise secured as at 10 to the lower inside front portion of the barrel 5 and is adapted to flex upwardly and forwardly as shown in Fig. 1.

The spring 9 is bent as at 11 to form a retainer or rest 12 for the missile to be projected. A second member 12(a) is welded or otherwise secured to the spring 9 and serves to assist the member 12 to form a saddle for holding the missile shown on dotted line (Fig. 2) preliminary to projecting the same.

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The spring 9 is rebent as at 13 to provide a catch adapted to engage hook 14 formed on the end of a second spring 15 which is secured by a rivet 16, or other suitable means, to the inside back of the handgrip 6.

The spring 15 serves to hold the spring 9 in cocked position preliminary to the projecting operation. The spring 15 is actuated by a trigger member 17 which projects through a cut-out portion 18 formed in the front wall of the handgrip 6.

The trigger member 17 is preferably supported on the inside of the handgrip 6 by bosses 19, or other suitable means, carried by the handgrip 6.

In operation, the retraction of the trigger 17 flexes the spring 15 to unlock the hook 14 from the member 13 whereupon the then free end of the spring 9 flexes upwardly and forwardly to project the missile in a slightly arcuate path.

Because of the spring tension and the position and arrangement of the rests 12 and 12(a), the missile is projected with great momentum and can be aimed with a high degree of accuracy at a given target.

Having described my invention, what I claim and desire to secure by Letters Patent is:

1. In a device of the character described, including a barrel, and a hand-grip, the combination of a longitudinal slot in the upper wall of said barrel, a flat spring secured at one end in the said slot and arranged so that its free end may travel upwardly in said slot, a second flat spring having means to hold said first named flat spring in cocked position, a slot in the front wall of said hand-grip, and a trigger slidably mounted in said last named slot and arranged to flex said second flat spring.

2. The combination defined in claim 1, in which said barrel is constructed and arranged to substantially conceal said first-named flat spring when in cocked position.

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