

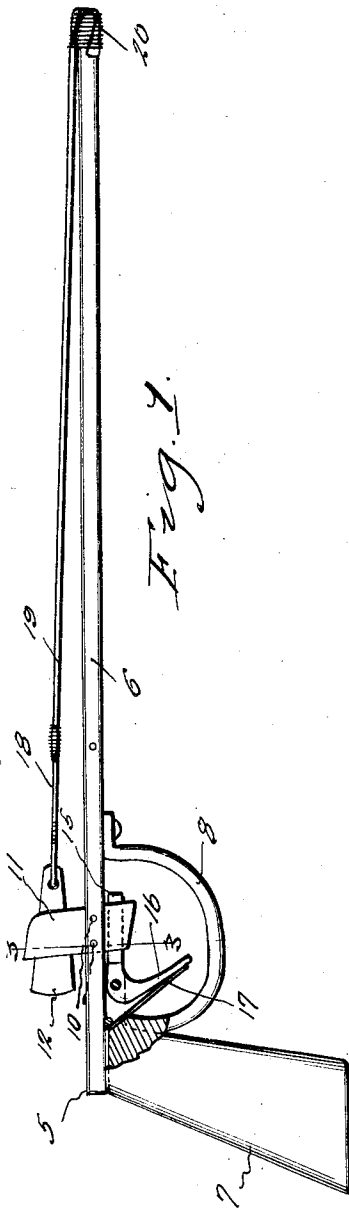
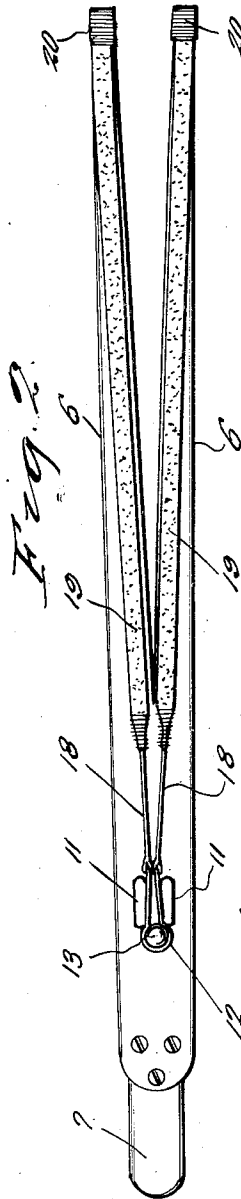
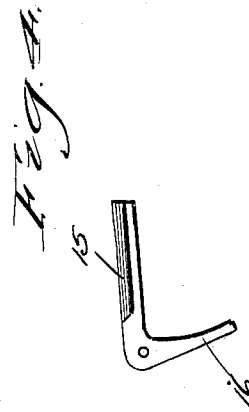
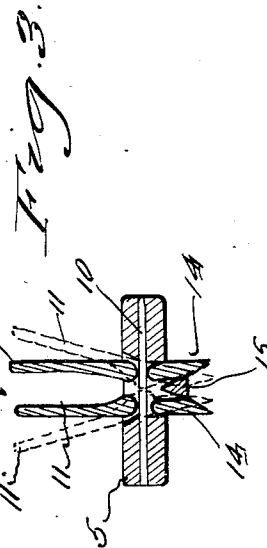
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PROJECTILE SHOOTER

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PROJECTILE SHOOTER

Application filed January 17, 1930. Serial No. 421,452.

This invention relates to an improved toy of gun-like form expressly constructed to provide a new type of projectile shooter.

In accordance with my conception, I have evolved and produced a simple and economical toy characterized by a trigger equipped stock, and associated keeper and a projectile throwing device, the arrangement being such as to provide a compact and convenient structure for forcibly casting a projectile with amazing accurateness and over a considerable area.

The specific details and their particular association and arrangement will become more readily apparent from the following description and drawings.

In the drawings:

Figure 1 is a side view principally in elevation showing the improved toy.

Figure 2 is a top plan view thereof.

Figure 3 is an enlarged detail section on the line 3—3 of Figure 1.

Figure 4 is a side elevation of the improved trigger.

As before stated, the toy is of gun-like configuration, being larger than a pistol but also resembling a pistol in design. It includes a stick of appropriate strength and material having a stock 5 at one end and outwardly diverging fork arms 6 at the opposite end. At the end 5 is a suitable handgrip 7 provided with a trigger guard 8.

The numeral 9 designates generally a keeper. This comprises a pair of complementary members mounted on a pin 10 as shown in Figure 3. The upper portions 11 are disposed in spaced parallelism and constructed to accommodate the leather stirrup 12. This part 12 serves to accommodate the projectile or stone 13 as seen in Figure 2.

The lower end portions 14 of the keeper member function as trip means and have bevelled surfaces for cooperation with the wedge 15 carried by the trigger 16. This trigger is pivotally mounted within the area of the trigger guard 8 as shown in Figure 1 and the finger portion cooperates with a flat spring 17 which normally holds the wedge 15 between the elements 14 as seen in Figure 3,

thus moving the stirrups retainers 11 into retaining relationship.

Cords or the like 18 are connected to the ends of the stirrups and are in turn connected to the rubber band 19. The rubber bands are wrapped or secured as at 20 to the free ends of the fork arms as shown.

In practice the missile or projectile 13 which may be a stone, marble, or the like is placed in the stirrup and the stirrup is drawn back by the resiliency of the rubber band and placed between the retaining portion 11 of the keeper, thus causing the parts to assume the relationship seen in Figures 1 and 2. The spring 17 normally plays upon the finger grip 17 of the trigger to hold the wedge 15 between the portion 14 as shown in Figure 3. Thus, the keeper functions to hold the stone saddled in place.

By placing the finger against the trigger 16 and pulling it downwardly against the tension of the spring 17, the wedge 15 is withdrawn, allowing the portions 14 to come together and spreading the portions 11 apart as shown in dotted lines in Figure 3, thus releasing the stirrups and permitting the rubber bands to forcibly throw the projectiles forwardly.

A careful consideration of the description in connection with the drawings will enable the reader to obtain a clear understanding of the construction, operation, and the features and advantages of the improved device. Therefore, a more lengthy description is regarded as unnecessary.

Minor changes in shape, size, and rearrangement of parts coming within the field of invention claimed may be resorted to in actual practice if desired.

I claim:

In a projectile shooting device of the class described, a handgrip comprising a forwardly extending trigger guard, a stock fastened to said handle and overlying said trigger guard, a pair of rockably mounted elements laterally disposed in said stock and defining a keeper and including upwardly projecting retaining portions, and depending trip forming portions, a right-angularly shaped trigger pivotally mounted on said stock and con-

fined in said guard, one end portion thereof
being designed to provide a wedge for recep-
tion between the trip portions of the keeper,
and a spring fastened to said handgrip and
5 cooperable with the finger release of said
trigger, together with a projectile throwing
device comprising resilient projecting means,
and a saddle-like stirrup adapted to function
as a retainer for a projectile and cooperable
10 with the upwardly projecting portions of said
keeper.

In testimony whereof I affix my signature.

PERRY WILLIAMS.

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