

Feb. 16, 1932.

R. K. JONES

1,845,920

TOY GUN

Filed Sept. 18, 1930

Fig. 1.

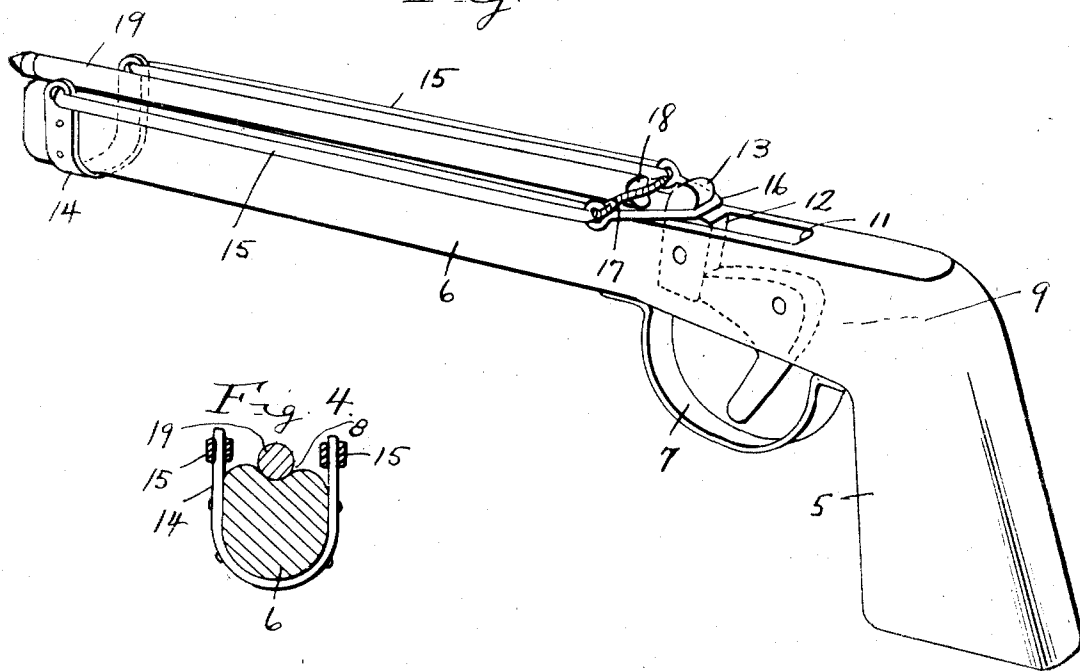
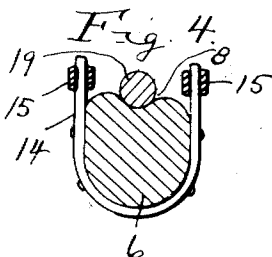


Fig. 2.

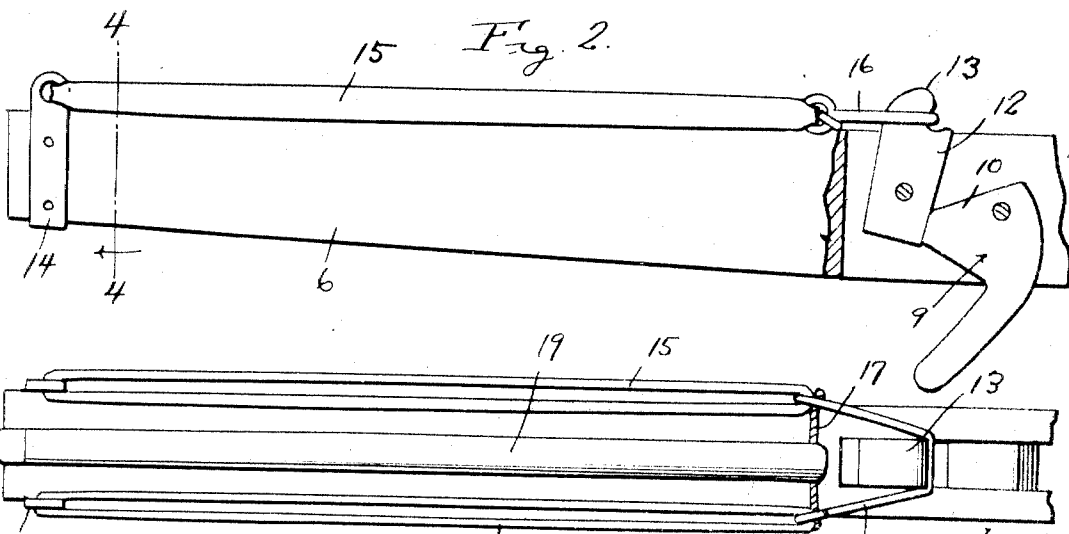


Fig. 3.

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TOY GUN

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This invention relates to a play toy such as may be referred to broadly as a gun, and has more particular reference to a novel pistol like device for holding and forcibly shooting a suitable projectile.

In carrying the inventive conception into effect I have evolved and produced a novel and inexpensive toy which is characterized by an arrangement of co-related details which are mechanically related to provide a completely new toy gun which can be accurately developed to provide a feasible projectile ejector which is usable to good advantage in target practice for both juniors and seniors.

Other features and advantages will become more readily apparent from the following description and drawings.

In the drawings:

Figure 1 is a perspective view of a complete toy or gun developed in accordance with the present inventive conception.

Figure 2 is a side view with portions broken away to show the details more clearly.

Figure 3 is a top plan view of the structure shown in Figure 2.

Figure 4 is a cross section on the line 4—4 of Figure 2.

In Figure 1 the hand grip is denoted by the numeral 5 and the stock by the numeral 6 while the trigger guard is represented at 7. In accordance with the invention the handle and stock may be of a single piece of wood. The stock is of appropriate cross section and preferably includes a longitudinal seat forming groove 8 in its top. The trigger is indicated by the numeral 9 and is pivotally mounted as shown in Figure 2 and includes a substantially V-shaped retaining nose 10 and an appropriate finger grip. This trigger is located in the pocket 11 and cooperates with an adjacent face of the pivotally mounted trip latch 12. This latch is in the form of a block and has its upper end projecting above corresponding part of the body and formed into a suitably shaped keeper as at 13. The numeral 14 represents a U-shaped bracket, at the discharge end of the barrel or stock and this has its end portions formed with apertures to accommodate elastic bands

15. These bands are connected at their inner ends with a yoke 16 which is engaged over the keeper 13 as shown. This yoke is provided with a cord 17 which is engageable in a notch 18 in the inner end of the projectile 19. This projectile is in the form of an elongated stick which rests in the groove 8 when the device is in readiness for shooting.

Obviously, by arranging the trigger 9 against the latch 12 as shown in Figure 2 and then engaging the stirrup 16 with the keeper 13, the gun is set for shooting. Then by placing the stick projectile 19 in place and engaging the notch 18 with the cord 17 the gun is charged for shooting. Now by pulling on the trigger 9 in the customary way it will be obvious that the nose 10 will swing down clear of the adjacent abutment surface of the latch 12, thus allowing the latch to swing on its pivot and to release the bands 15. The contraction of the bands will forcibly eject the projectile in the direction of the target (not shown). Incidentally it will be noticed that the keeper 13 is rounded so as to facilitate engaging of the yoke 16 therewith.

It is thought that persons skilled in the art to which the invention relates will be able to obtain a clear understanding of the invention after considering the description in connection with the drawings. Therefore, a more lengthy description is regarded as unnecessary.

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

I claim:

1. A toy gun of the class described comprising a body including a hand grip and a longitudinally elongated stock formed in its top and a projectile receiving groove, said stock being provided adjacent the hand grip with a pocket, a retaining latch pivoted in said pocket, a trigger pivoted in the pocket and cooperative with the latch, flexible bands attached at the outer end with the corresponding end portion of the stock, a yoke to which the inner ends of said bands are connected, said yoke being releasably engageable with said latch, a transverse cord carried by

the arm portions of the yoke, and a projectile in the form of an elongated stick seated in the groove in said stock and having a notch at its inner end cooperable with said
5 cord.

2. A toy gun comprising a stock having a hand grip at its inner end provided adjacent said hand grip with an elongated slot forming a pocket, the upper edge portion of
10 said stock having a groove formed therein for reception of a projectile, a projectile in said groove in the nature of an elongated stick, a latch pivoted in said pocket and including an upper end projecting portion
15 formed with a keeper, a trigger pivoted in said pocket and including a laterally directed nose engageable with an adjacent face of said latch, a U-shaped bracket at the outer end of said stock having its upper projecting
20 end formed with apertures, flexible bands connected with said apertured ends, a metal yoke to which the inner ends of said bands are connected, said yoke being releasably engaged with said keeper, a cord carried by
25 and extending between the arms of said yoke, said cord being engageable with the adjacent end portion of said projectile.

In testimony whereof I affix my signature.
REPS KNOX JONES.

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