Oct. 28, 1930. J. T. WHITE 1,779,507

TOY GUN

Filed Feb. 9, 1929

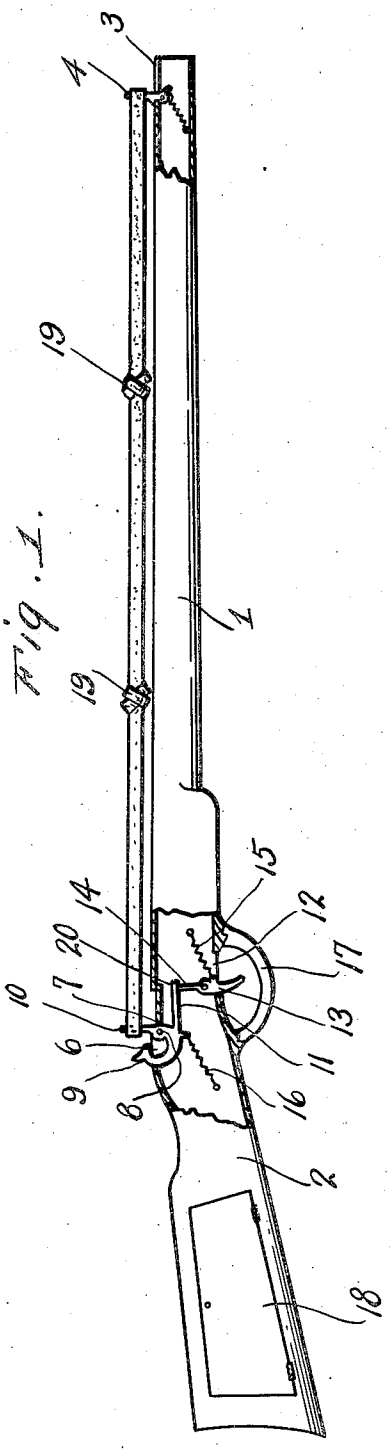

Fig. 1.

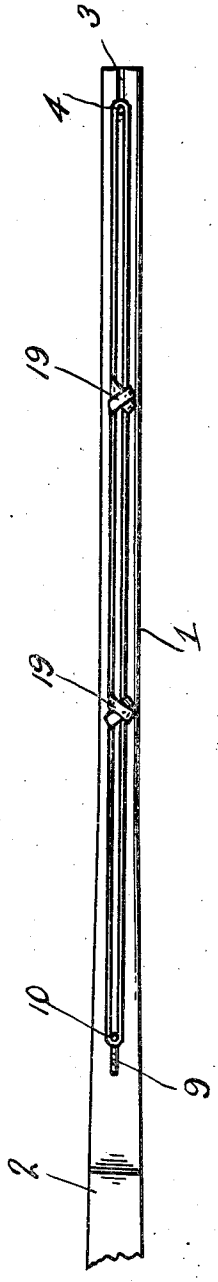

Fig. 2.

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Patented Oct. 28, 1930 1,779,507

UNITED STATES PATENT OFFICE

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TOY GUN

Application filed February 9, 1929. Serial No. 338,755.

This invention relates to toy guns, and more particularly to toy guns so constructed as to discharge an elastic band.

The prime object of the invention is to provide a very simple toy gun of this character so constructed that when the trigger member thereof is released, a rubber band stretched along the pistol body, and in association with the sight and trigger of the gun will be discharged in a straight line toward the object aimed at.

A further object of the invention resides in providing a simple device in simulation of a gun, provided with a sight and trigger member and having a rubber band or bands so associated with these members so that upon release of the trigger they will be catapulted through the air.

A still further object is to provide a toy gun of this character which will permit the use of elastic bands formed of old inner tire tubes.

Other novel features and advantages of my toy gun will become readily apparent from a study of the following description taken in connection with the accompanying drawing.

In the drawing:

Figure 1 is a side elevation showing my improved gun, and

Figure 2 is a top plan view of the toy as represented in Figure 1.

Referring to the drawings, numeral 1 designates the barrel of my toy gun which barrel may be swung with a longitudinally extending bore to simulate the bore of a real fire arm. The stock of the gun is designated as at 2 and of a shape to conform to the stock of a real gun. The gun is made of any suitable material, and is preferably formed in one piece and is hollow throughout its entire length. Formed on the outer end of the barrel and on the upper portion is a longitudinal slot 3. Disposed within this slot and pivotally associated with the gun is a member 4 which may be used as a sight when aiming the gun.

The sight member 4 is normally held in a retracted position by means of the coil spring 5 located within the barrel of the gun. This is clearly illustrated in Figure 1 of the drawings.

At the junction of the stock and barrel portion of the gun is formed a relatively large opening 6 as shown in Figure 1 of the drawing. Disposed within this opening and extending down within the hollow portion of the gun is a lever 7 pivoted as at 8. This latch is preferably of the construction shown in Figure 1 of the drawing, and consists of an upwardly extending curved portion 9 shaped to simulate the hammer of a gun, and extension 10 adapted to protrude through the opening 6 and an extension 11 disposed within the hollow portion of the gun. Forwardly of the opening 6 and on the under portion of the gun at the juncture of the stock and barrel is a relatively smaller opening 12.

Pivoted at the rearward end of this opening 12 is a trigger 13, which trigger is provided with an extension 14 upon which the extension 11 of the lever 7 rests when the trigger is in a substantially upright position. A spring 15 suitably located within the gun and connected to the trigger 13 holds the same in a vertical position, as clearly illustrated in Figure 1 of the drawing.

It is yet to be mentioned that a suitable spring 16 located within the stock portion of the gun is suitably connected to the lever 7 for a purpose to be hereinafter disclosed.

The gun is also provided with a suitable trigger guard 17, while in the stock portion of the gun is formed a pocket provided with a hinge cover 18 as shown in Figure 1 of the drawing.

In using the toy preferably one, two or three rubber bands of suitable strength are employed; these bands being suitably interconnected as at 19, one end of one of the bands is disposed over the sight 4, and the bands are then stretched rearwardly and the rear end of the third band looped over the extension 10 of the lever 7; when the band is disposed over the extension 10 the lever 7 is in the position shown in Figure 1, wherein it will be seen that the extension 11 of the lever rests upon the extension 14 of the trigger 13 as at 20. If, when in this position the trigger 13 is pulled the extension 11 due to the tension exerted by

the spring 16 is pulled backwardly, thus pulling the extension 10 forwardly whereby the bands will be projected by reason of their own resilience to a considerable distance.

When it is again desired to discharge the band it is obvious that by merely placing the thumb upon the hammer portion 9 and pressing rearwardly the extension 11 will be again raised to a horizontal position for rest upon the trigger 13 as at 20, which trigger is now returned to its former position by means of the spring 15. The projection 10 is then in position for reception of the free end of one of the bands and the sight 4 which has been pulled forwardly by means of the spring 5 is again placed in an upright position for reception of the free end of the third band. It is to be understood of course that one or two bands of suitable length may be employed in lieu of the three interconnecting bands.

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

1. A toy gun comprising a barrel and a stock, a sight member pivoted intermediate its ends within the barrel at the forward end of the barrel, a coil spring anchored within the barrel and operatively connected with the inner end of said sight for normally urging said sight in a retracted position within the barrel, said sight adapted to have its free ends releasably engaged with one end of a rubber band, said gun at the junction of the barrel and stock having an opening formed in the top thereof, a lever pivotally mounted within said gun, said lever being formed at one end thereof with a laterally curved portion extending outwardly through said opening, and formed in simulation of a gun hammer, said lever being further provided intermediate its ends with a laterally extending projection projecting through said opening and with which the other end of a rubber band is to be detachably engaged, a trigger member pivotally mounted within said gun at the junction of the barrel and the stock and having a portion thereof extending through an opening in the bottom of the gun, the inner end of said trigger adapted to engage the inner end of said lever for normally urging the last mentioned extension of said lever into a vertical position, spring means for normally maintaining the said inner end of said trigger into engagement with said lever, said last mentioned means also serving to return said trigger into set position after the trigger has been actuated for releasing said lever, and spring means for actuating said lever upon release of said lever.

2. A toy gun comprising a barrel and a stock, a sight member pivoted intermediate its ends within the barrel at the forward end of the barrel, a coil spring anchored within the barrel and operatively connected with the inner end of said sight for normally urging said sight in a retracted position within the barrel, said sight adapted to have its free ends releasably engaged with one end of a rubber band, said gun at the junction of the barrel and stock having an opening formed in the top thereof, a lever pivotally mounted within said gun, said lever being formed at one end thereof with a laterally curved portion extending outwardly through said opening, and formed in simulation of a gun hammer, said lever being further provided intermediate its ends with a laterally extending projection projecting through said opening and with which the other end of a rubber band is to be detachably engaged, a trigger member pivotally mounted within said gun at the junction of the barrel and the stock and having a portion thereof extending through an opening in the bottom of the gun, the inner end of said trigger adapted to engage the inner end of said lever for normally urging the last mentioned extension of said lever into a vertical position, spring means for normally maintaining the said inner end of said trigger into engagement with said lever, said last mentioned means also serving to return said trigger into set position after the trigger has been actuated for releasing said lever, and spring means for actuating said lever upon release of said lever, said gun being of hollow construction throughout its entire length, and the stock of said gun having an opening on one side thereof, a door hingedly mounted within the opening for closing the opening.

In testimony whereof I affix my signature

JOHN T. WHITE.