Dec. 22, 1931. O. M. SWORD 1,837,734

TOY GUN

Filed Nov. 22, 1930

Fig. 1.

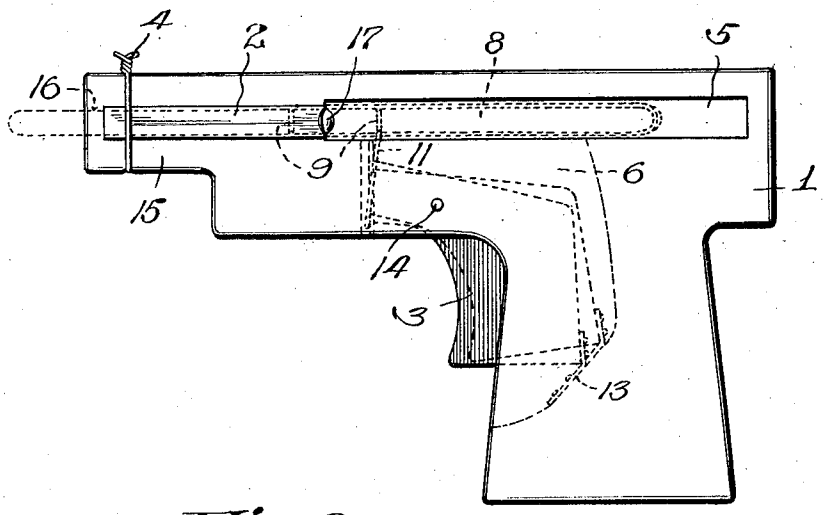


Fig. 2.



Fig. 3.

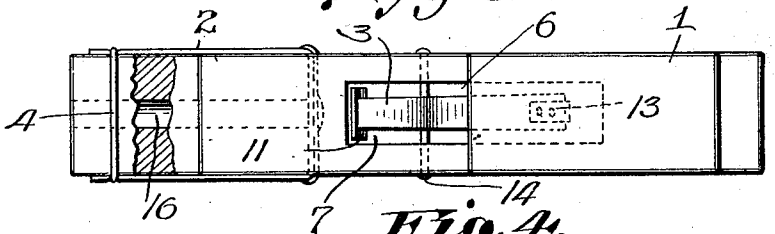
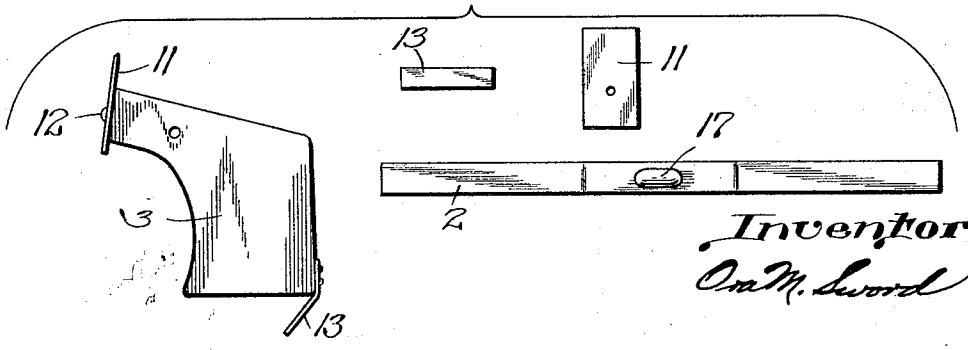


Fig. 4.



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UNITED STATES PATENT OFFICE

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TOY GUN

Application filed November 22, 1930. Serial No. 497,369.

This invention relates to toy guns, and the primary object of the invention is to provide a toy gun for shooting arrow-like missiles for the amusement of children.

Another object of the invention is to provide a gun for shooting arrow-like missiles with a rubber strip, one end of which is fastened at one side of gun barrel, the strip passing thru a slot and around the rear of barrel and being fastened on opposite side.

With the foregoing and other objects in view this invention consists in such novel features of construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawings, and claimed.

In describing the invention in detail reference will be had to the accompanying drawings wherein like characters designate like or corresponding parts throughout the several views, and in which:—

Fig. 1 is a side view of the toy gun fully assembled.

Fig. 2, is the arrow-like missile.

Fig. 3, is a bottom view of the toy gun showing slot in which trigger works, and the slot in which missile holder works.

Fig. 4, is an unobstructed view of trigger, missile holder, rubber strip for throwing missile, and narrow rubber strip for trigger spring.

Referring more particularly to the drawings, (1) designates the main body of the toy gun as is clearly shown in Fig. 1 of the drawings. This main body (1) of the toy gun has a slot (5) cut which extends from the rear of the main body (1) of the toy gun to the barrel (15), thus allowing the free working of a rubber strip (2), both ends of which are attached to the front and on opposite sides of the barrel (15) by means of a wire (4), the reinforced center (17) passing thru slot (5) and around rear of barrel (15). The trigger (3) is fastened in slot (6) in main body (1) by one pin (14). One end of small rubber strip (13) is fastened to rear lower part of trigger (3), the other end being fastened to main body (1), thus acting as a trigger spring. A small piece of metal (11) works downward and upward in slot (7) as trigger (3) is pulled or released being fastened thereto by a projection or pin (12) at end of trigger (3). The rubber strip (2) is reinforced (17) where it stretches across barrel (15) and end of missile (8). The missile (8) has one or more small grooves (9) cut around it.

When it is desired to shoot the toy gun, the missile (8) is pushed into hole (16) thru barrel (15) and back thru slot (5) stretching rubber strip (2) until missile holder (11) snaps into groove (9) in missile (8). The ends of missile (8) are rounded so that when it comes in contact with missile holder (11), as it is being pushed backward, missile holder (11), which covers less than one half of rear of barrel (15) is pushed downward together with end of trigger (3), and missile holder (11) slides along missile (8) until missile holder (11) snaps into desired groove (9). When trigger (3) is pulled, missile holder (11) comes downward out of groove (9) in missile (8) and rubber strip (2) contracts, throwing or shooting missile (8) forward.

From the foregoing description taken in connection with the accompanying drawings, the advantages of construction and of the method of operation of the improved toy gun will be apparent to those skilled in the art to which this invention appertains, and while in the foregoing description the principle of the operation of this invention has been described, together with various features of construction, it is to be understood that certain minor features of construction, combination and arrangement of parts may be altered to suit practical conditions provided such alterations are comprehended within the scope of what is claimed.

What is claimed is:

A toy gun comprising a main body slotted to accommodate the expanding and contracting of a rubber strip the ends of which are fastened on opposite sides of the barrel of the toy gun, the center of the rubber strip which is reinforced passing around rear of barrel; a missile holder which works downward and upward on end of trigger as trigger is pulled or released; a missile with grooves or depres-

sions around it into which missile holder engages and holds the missile until trigger is pulled; a trigger fastened to main body of toy gun with one pin, holding missile holder on one end and rubber strip fastened to other end and to main body of toy gun to keep missile holder in place.

In testimony whereof I affix my signature.

ORA M. SWORD.