Sept. 11, 1928. 1,683,662

R. L. FORD

TOY PISTOL

Filed Aug. 15, 1927

Fig. 1.

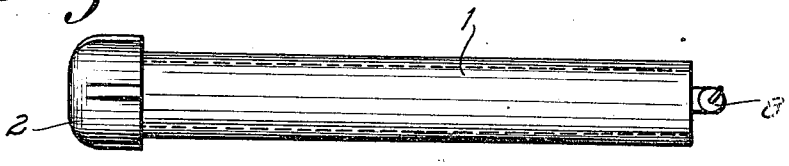



Fig. 2.

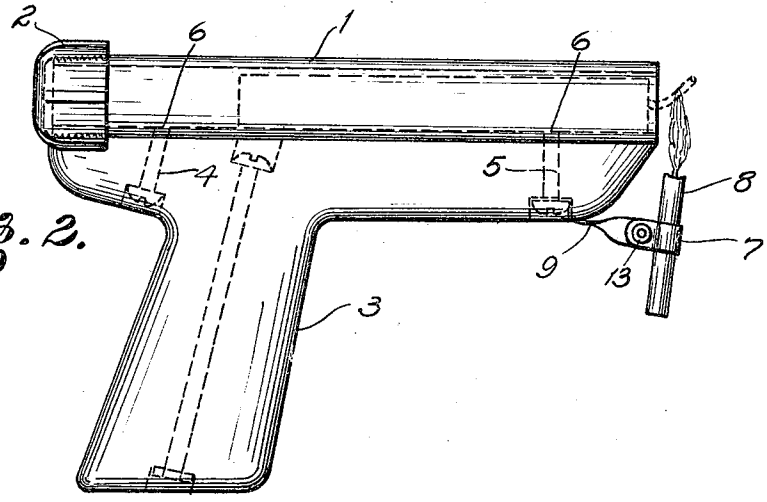



Fig. 3.

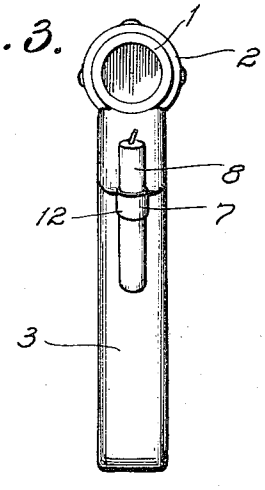
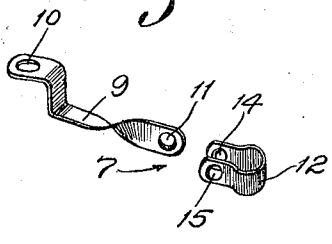



Fig. 4.




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# UNITED STATES PATENT OFFICE.

ROBERT LEE FORD, OF ST. LOUIS, MISSOURI.

## TOY PISTOL.

Application filed August 15, 1927. Serial No. 215,085.

My invention relates to toy pistols, and more especially to a toy pistol for exploding fire crackers.

The primary object of my invention is to provide a toy pistol for exploding fire crackers that will materially increase the noise made by the explosion.

Another object of my invention is to provide a conveniently disposed lighter for igniting the fire cracker without danger to the person handling the pistol.

Fig. 1 is a plan view of the barrel of my toy pistol.

Fig. 2 is a side elevation of my toy pistol.

Fig. 3 is a front end view of my toy pistol showing the lighter in position.

Fig. 4 is a view of the clamp by which the lighter is held in position.

The chief enjoyment derived from the exploding of fire crackers is the volume and intensity of the noise resulting therefrom, and I have found by experimentation that the use of a barrel, made of bell or other sonorous metal, having a bore many times larger than the diameter of the fire cracker, greatly increases the noise resulting from the explosion.

Another advantage secured by my construction is that a convenient lighting device, which may be either a wax candle or any other device such as a cigar lighter, is attached to the front end of the pistol in such a manner as to support the lighter with the point of the flame reaching the fuse of the fire cracker when placed in a horizontal plane in the barrel of the pistol.

In order to lower the cost of manufacture to a minimum, my invention consists in providing a toy pistol having a barrel 1, made of suitable sonorous metal, enclosed by a cap 2, or other suitable closure, mounted upon a stock 3 by means of tap screws 4 and 5 tapped into barrel at 6.

A clamp 7 for holding the lighter 8 in position consists, in my preferred method of construction, of a flat, metal strip 9 provided with an opening 10 at one end disposed in a horizontal plane, and twisted intermediate of its ends at right angles so that the opening 11 in the opposite end lies in a vertical plane. A clevis 12 of flexible material is bent in shape to hold a candle or taper by means of contracting it when the bolt 13 is drawn taut through the openings 11, 14 and 15.

The stock 3 may be made of any suitable wood or thin sheet metal.

The mode of operation consists of clamping the candle in the position shown in Fig. 2, so that when lighted the point of the flame will reach about the center of the bore of the barrel, the fire cracker is inserted in the barrel and as soon as the fuse is lighted a sliding movement of the hand causes the fire cracker to slide into the breech of the pistol. The candle is affixed a sufficient distance below the bore of the barrel to prevent the explosion from extinguishing the light.

Having fully described my invention, what I claim as new and useful and desire to protect by Letters Patent is:

A toy pistol of the class described, comprising a barrel made of sonorous metal, a bore of relatively large diameter in said barrel, open at the muzzle end and closed at the breech end, a stock attached to said bore by means of tap bolts passing through said stock and screw-threaded into said barrel, means for supporting a flame of fire beneath the muzzle of said barrel, said flame being so disposed that the point thereof will contact with the fuse of a fire cracker inserted in the muzzle of said barrel.

In witness whereof I have hereunto affixed my signature this 2nd day of August, 1927.

ROBERT LEE FORD.