C. A. BAILEY.

TOY PISTOL.

APPLICATION FILED NOV. 5, 1917.

1,283,619.

Patented Nov. 5, 1918.

Fig. 1.

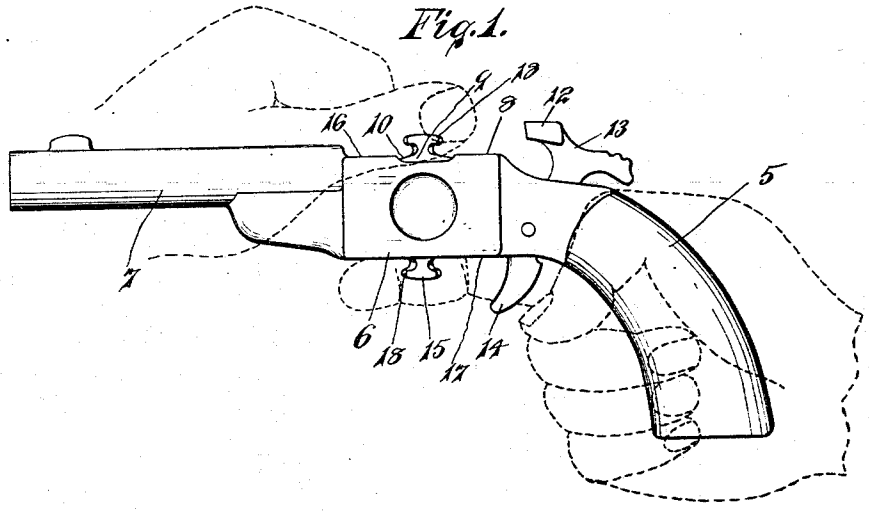


Fig. 2.

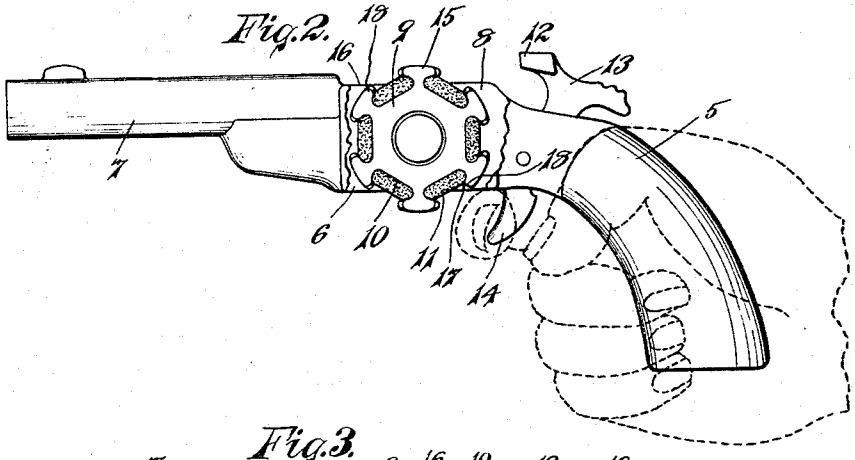
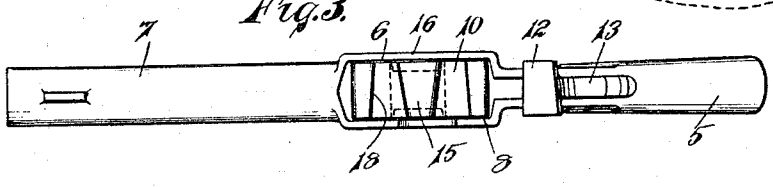


Fig. 3.



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TOY PISTOL.

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To all whom it may concern:

Be it known that I, CHARLES A. BAILEY, a citizen of the United States, residing at Cromwell, in the county of Middlesex and State of Connecticut, have invented a new and Improved Toy Pistol, of which the following is a specification.

My invention relates more especially to that type of toys employed for firing paper caps, so called, and an object of my invention, among others, is to provide a toy pistol that shall be particularly cheap in its construction and that may contain a number of paper caps; and a further object is to provide a simple means for operating the cap container or carrier.

One form of device embodying my invention and in the construction and use of which the objects herein set out, as well as others, may be attained, is illustrated in the accompanying drawings, in which—

Figure 1 is a view in side elevation of a toy pistol embodying my invention and illustrating a manner of operating the cap carrier at the beginning of the operation.

Fig. 2 is a view similar to Fig. 1 with parts broken away to show construction and illustrating the manner of positioning the cap carrier with a cap located to be struck by the hammer.

Fig. 3 is a top plan view of the pistol.

In the accompanying drawings the numeral 5 indicates the handle of my improved toy pistol, 6 the receiver, and 7 the barrel, which parts may be constructed of any suitable material and in any desired form. A carrier chamber 8 is formed in the receiver 6, extending therethrough from top to bottom and a cap carrier 9 is rotatably mounted in any suitable manner in the carrier chamber 8. This carrier is provided on its periphery with any suitable means for receiving the caps, as herein shown cap recesses 10 being provided to receive caps 11. It is intended that the carrier shall be rotated by means of a thumb or finger, and means are provided for positioning the carrier so that the recesses 10 will be in the path of movement of the end 12 of a hammer 13 pivotally mounted in the frame. In the preferred form of the device a trigger 14 is formed integral with the hammer. Lugs 15 are formed upon the carrier, the latter being so constructed that the path of movement of the lugs with respect to the edges 16—17 of the frame or receiver will be such that when the rear ends 18 (with respect to rotation of the carrier) pass into or are flush with the edges of the opening at the points 16 and 17 the recesses 10 will be located in the path of movement of the hammer and the caps will thus be in position to receive the blows of the hammer.

As illustrated in Fig. 1 the fore-finger will be applied to the lug underneath the frame to move the carrier, the finger sweeping along the under side of the frame and when the lug has been moved to a position just flush with the edge of the opening at the bottom of the frame the caps will be in position to receive the blows of the hammer. The continued sweeping movement of the finger will draw it against the trigger 14 and operate the hammer to fire the cap.

As further shown in Fig. 1 of the drawings, the thumb may be employed to rotate the carrier at the upper side of the frame, the operation of positioning the carrier being the same as that described with respect to the finger except that the thumb will be moved toward the barrel. It will be understood that either of the above means for positioning the carrier may be employed but that both will not be required at the same time.

Any suitable means may be employed for accelerating the movement of the hammer, but as this forms no part of my present invention illustration and description thereof are omitted herein, such means being well understood by those skilled in the art.

In accordance with the provisions of the patent statutes, I have described the principles of operation of my invention, together with the apparatus which I now consider to represent the best embodiment thereof; but I desire to have it understood that the toy shown is only illustrative, and that the invention may be carried out by other means.

I claim—

1. A toy pistol including a frame and a hammer mounted therein, a cap carrier movably mounted in the frame and having a plurality of means for receiving caps, cooperating means upon the carrier and frame for manual movement of and for positioning the carrier with the cap receiving means in the line of a hammer blow, and a trigger

located in the same path of movement of a human finger as that required to operate the cap carrier.

2. A toy pistol including a frame and a hammer mounted therein, a cap carrier rotatably mounted in the frame and having a plurality of means for receiving caps, cooperating means upon the carrier frame for manual rotation of and for positioning the carrier with the cap receiving means in the line of a hammer blow, and a trigger located in the same path of movement of a human finger as that required to operate the cap carrier.

3. A toy pistol including a frame and a hammer mounted therein, a cap carrier movably mounted in the frame and having a plurality of means to receive caps, one edge of each cap receiving means and the edge of the frame being constructed to coöperate for manually positioning the carrier with the cap receiving means in the line of a hammer blow, and a trigger located in the same path of movement of a human finger as that required to operate the cap carrier.

4. A toy pistol including a frame and a hammer mounted therein, a cap carrier rotatably mounted in the frame and having a plurality of pockets to receive caps, one edge of each pocket and the edge of the frame being arranged to coöperate to manually position the carrier with said pockets in the line of a hammer blow, and a trigger located in the same path of movement of a human finger as that required to operate the cap carrier.

5. A toy pistol including a frame having a chamber, a hammer mounted in the frame, a cap carrier movably mounted in said chamber and having pockets to receive caps, the lower edge of the frame and said pockets being formed to coöperate for manual location of the edges of the pockets substantially in the plane of the lower edge of the frame and located in the same path of movement of a human finger as that required to operate the cap carrier and after said finger is released from said pocket.

6. A toy pistol including a frame having a chamber therein, a hammer mounted in the frame, and a cap carrier movably mounted in the frame and having pockets to receive caps, the edges of said pockets and the upper edge of the frame being formed to coöperate for manual positioning of the pockets in the line of a hammer blow when the edge of each pocket is substantially in the plane of the upper edge of the cap wheel opening into the frame.

7. A toy pistol including a frame having a chamber therein, a hammer mounted in the frame, and a cap carrier rotatably mounted in the frame and having pockets to receive caps, the edges of said pockets and the upper edge of the frame being formed to coöperate for manual positioning of the pockets in line of a hammer blow when the edge of each pocket is substantially in the plane of the upper edge of the cap wheel opening into the frame.

8. A pistol including a frame having a chamber therein, a hammer mounted in the frame, a trigger mounted in the frame and projecting below the lower edge of said chamber, and a cap carrier rotatably mounted in said chamber and having pockets to receive caps, the lower edge of the frame and said pockets being formed to project the edges of the pocket below the lower edge of the frame as the carrier rotates and to coöperate in the manual location of an edge of each pocket substantially in the plane of the lower edge of the cap wheel opening into the frame when a pocket is in the line of a hammer blow.

9. A toy pistol including a frame, a hammer mounted therein, a cap carrier movably mounted in the frame and having a plurality of cap receiving means, coöperating means upon the carrier and frame for manual movement of and for positioning the carrier with the cap receiving means in the path of a hammer blow, and a trigger located in the path of uninterrupted movement of a human finger in an unchanging direction from that required to operate the cap carrier.

CHARLES A. BAILEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents. Washington, D. C."