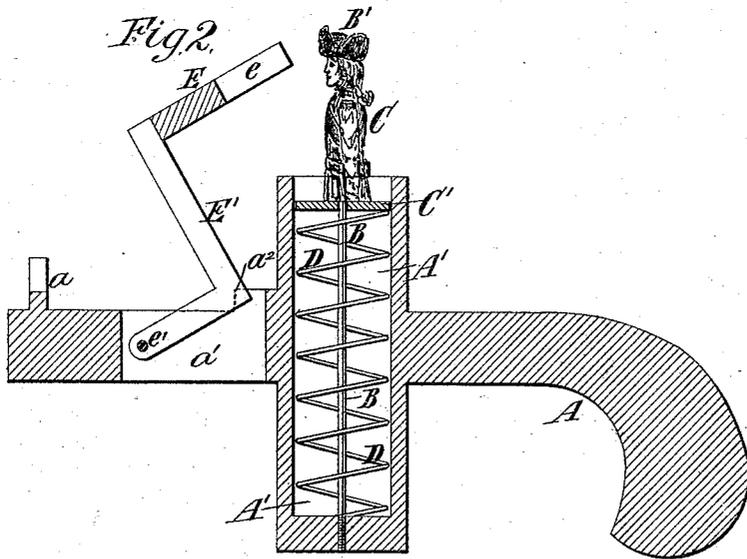
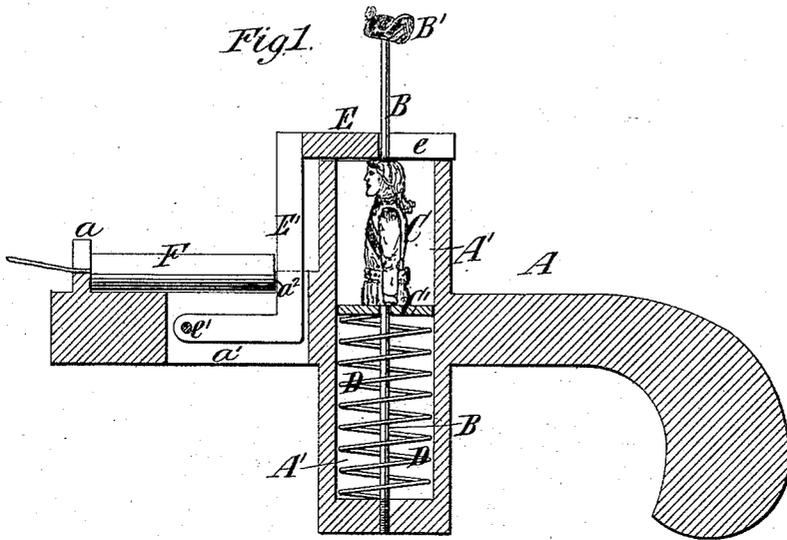


(No Model.)

W. NUGENT.
FIRE CRACKER HOLDER.

No. 329,068.

Patented Oct. 27, 1885.



Witnesses:
Henry Lee
Matthew Collock

Inventor:
William Nugent
Cyrus C. Clegg
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UNITED STATES PATENT OFFICE.

WILLIAM NUGENT, OF PATERSON, NEW JERSEY, ASSIGNOR OF ONE-FOURTH
TO GEORGE CHISWELL, OF SAME PLACE.

FIRE-CRACKER HOLDER.

SPECIFICATION forming part of Letters Patent No. 329,068, dated October 27, 1885.

Application filed March 30, 1885. Serial No. 160,556. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM NUGENT, of Paterson, in the county of Passaic and State of New Jersey, have invented a new and useful Improvement in Fire-Cracker Holders, of which the following is a specification.

The object of my invention is to provide a fire-cracker holder containing a figure capable of automatic operation, and so constructed that a fire-cracker when placed therein will form a stop to prevent the operation of the figure until the fire-cracker is removed or detached from the holder by its explosion, thus forming a very amusing toy for the use of children.

The invention consists, essentially, in a pistol-shaped stock constructed with an open-topped cavity or box wherein is a figure of a soldier or other object, and a spring for projecting it upward, and a pivoted keeper or cover for the cavity or box, which is to be retained in place above the cavity or box by a fire-cracker placed against it or its support, to form a stop for preventing the upward movement of the figure, and which, when the fire-cracker is blown from the holder by the force of its explosion, will be thrown up and away from the cavity or box by the spring.

The construction and manner of combining the several parts of the fire-cracker holder will be hereinafter more fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a sectional elevation of a holder embodying my invention, the parts being held by a fire-cracker in position ready for operation; and Fig. 2 is a similar view of the holder, representing the position of the parts after operation.

Similar letters of reference designate corresponding parts in both the figures.

A designates a pistol-shaped stock or hand-piece, which may be of cast metal, and which is constructed with a cavity or box, A', (here shown as in the form of a cylinder having an open top and closed at the bottom.) The stock A has near the forward end a slotted or notched projection or abutment, a, and a slot, a', at the rear end of which is a shoulder or stop, a².

These stops or abutments a a² are arranged opposite each other on the stock A, for a purpose hereinafter described.

In the cavity or box A' is a vertical wire or guide-rod, B, on which is fitted to slide freely a figure, C, which may represent a soldier or other person. At the base of the figure I have shown a follower, C', and below the follower is a spiral spring, D, which acts against the follower C' to force the figure upward to project it from the cavity or box A'.

At the top of the guide B is a head, B', which limits the upward movement of the figure, and which may be made in the form of a hat, so that when the figure is projected upward against the head B' the latter will form a hat for the figure.

E designates a cover or lid for the cavity or box A'. It is slotted at e, so as to pass over the guide B, as shown in Fig. 1, and then holds the figure C within the box, with the spring D under tension. The cover E has a lever-support, E', pivoted at e' in the slotted stock A. The lever E' has a downwardly-extending portion, which enters the slot a' and lies coincident with the shoulder or abutment a², and when a fire-cracker, F, is placed between the projection or abutment a and the shoulder a², as shown in Fig. 1, the cracker forms a stop to prevent the cover and its carrying-lever E E' from movement away from the top of the box A'.

When the fire-cracker F explodes, it will be detached from the holder by the force of the explosion, thereby freeing the lever E' and the cover E, and said lever will then be thrown forward by the force of the spring D, and the figure C will be projected upward into the position shown in Fig. 2.

This fire-cracker holder may be made and sold at small cost, and forms a very amusing toy for the use of children.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, with a stock-piece having an open box or cavity and stops or abutments arranged opposite each other on the stock-piece for holding the fire-cracker between them, of a spring-actuated figure within the box or cavity, a lid or cover for the box or cavity, and a lever-support for the lid or

cover, extending downward and coincident with the abutment which is adjacent to the box or cavity, and pivoted to the stock-piece forward of the box or cavity, whereby the lid or cover will be held in place above the box until the fire-cracker explodes, substantially as herein described.

2. The combination, with the stock-piece and box A A', having shoulders $a a^2$ arranged opposite each other on the stock-piece, of the spring-actuated figure C in the box or cavity, the lid or cover E, and the lever-support E', extending downward so as to lie coincident with the shoulder a^2 , and having a forwardly-extending portion, pivoted at e' to the stock-piece, substantially as herein described.

3. The combination, with a stock and box A A', having the shoulders $a a^2$ arranged opposite each other on the stock, of the guide-rod B, arranged in and extending above the box or cavity and its surmounting cap B', the figure C, movable on the guide-rod, and the spring D, arranged below it, the lid or cover E, and its lever-support E', having a downwardly-extending portion, which lies coincident with the shoulder a^2 and pivoted to the stock, substantially as herein described.

WILLIAM NUGENT.

Witnesses:

J. R. P. DREW,
HENRY MCCARTHY.