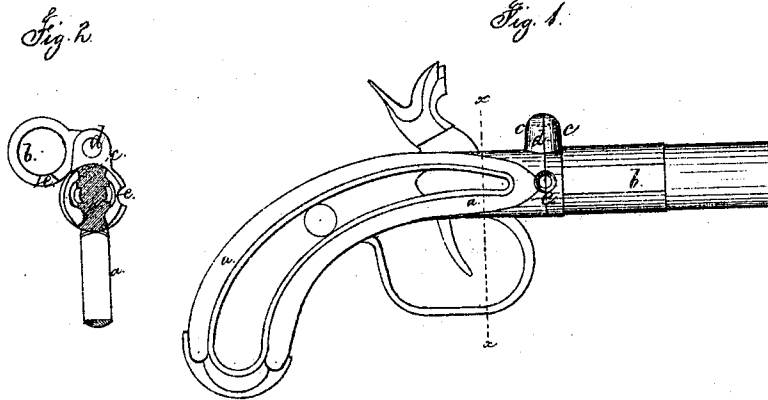


R. Hutchinson,

Fire Cracker Pistol.

No. 109014.

Patented Nov. 8. 1870.



Witnesses,

Chas. Schmidt
Geo. A. Waerber

Robert Hutchinson

United States Patent Office.

ROBERT HUTCHISON, OF NEWARK, NEW JERSEY.

Letters Patent No. 109,014, dated November 8, 1870.

IMPROVEMENT IN FIRE-CRACKER PISTOLS OR HOLDERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, ROBERT HUTCHISON, of Newark, in the county of Essex and State of New Jersey, have invented and made a certain new and Improved Fire-cracker Pistol or Holder, and the following is hereby declared to be a full and correct description of the same.

Fire-cracker pistols or holders have heretofore been made both of wood and of metal; in each case, the holder was made of the general shape or outline of a pistol, and with a hole in the part representing the barrel to contain the cracker to be fired, but this is liable to become obstructed by the remains of the fire-cracker case.

Pistols for fire-crackers have also been made to open at the rear end of the barrel, by a swinging trigger-piece, or by tipping the barrel, but the explosion is liable to drive back the trigger-piece or dislodge the barrel.

My invention consists in a fire-cracker pistol in which the barrel is attached to the stock by a hinge that is above and parallel to the barrel, so that access is given to the pistol-barrel from the rear for inserting the cracker, and said pistol-barrel hanging from the hinge will be in such a position, when fired, that the explosion cannot blow back upon the hand, or the barrel be displaced even if the hinge wears loose.

In the drawing—

Figure 1 is an elevation of my said pistol or holder; and

Figure 2 is a cross section at the line *x x*, the barrel being shown as swung aside, for inserting a fire-cracker.

a is the stock or handle; and
b, the barrel of the said holder; these I prefer to make of cast metal, and they may correspond in outline to the general shape of a pistol, as represented in the drawing.

The barrel *b* is hollow its entire length, and at the rear, upon the top of the barrel, and also upon the top and forward part of the stock at its junction with the breech, I form the projecting-lugs *c c*, to receive the hinge-pin *d*, that connects these lugs *c*, of the barrel and handle, and forms a hinge upon which the barrel may swing when pushed sidewise by the hand to allow the cracker to be inserted at the rear or breech end of the barrel.

To keep the cracker from falling out of the barrel, and to afford means for lighting the same at the breech, I provide the hole *e*. I have shown this hole as formed partly in the handle and partly in the end of the barrel, but the same may be made in the end of the barrel only.

When the cracker is to place in the barrel, the stem of the same lies in this hole and projects therefrom, and said hole being at right angles to the barrel, the bend formed in the same will generally keep the cracker from falling out, and the lighted match or punk can be applied to the stem to explode the cracker.

The hinge upon which the barrel *b* swings being above the barrel, suspends said barrel in a proper position, even if the parts should become loose from wear.

I claim as my invention—

A fire-cracker holder, made of the barrel *b* and stock *a*, united by a hinge, *c d*, that is above the barrel so as to suspend the same, as and for the purposes specified.

Signed by me this 20th day of April, A. D. 1870.

ROBERT HUTCHISON.

Witnesses:

CHAS. H. SMITH,
GEO. T. PINCKNEY.