

Hawes & Brock,

Fire Cracker Pistol.

No. 108022.

Patented Oct. 4. 1870.

Fig. 1.

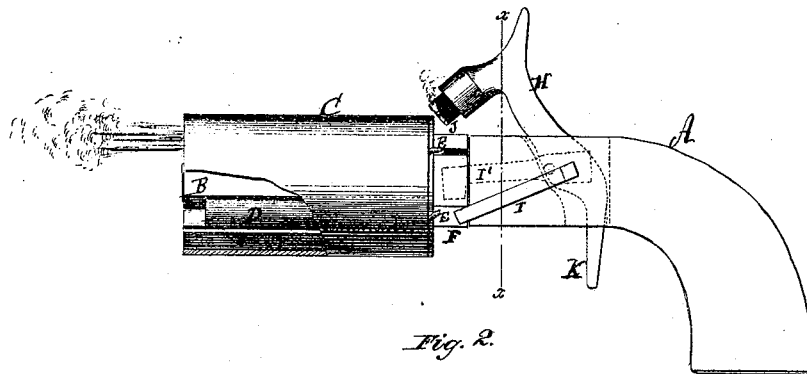
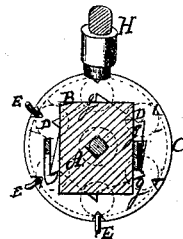


Fig. 2.



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JAMES H. HAWES AND ORVILLE W. BROCK, OF MONROETON, PENNSYLVANIA, ASSIGNORS TO JAMES H. HAWES.

Letters Patent No. 108,022, dated October 4, 1870.

IMPROVEMENT IN REVOLVING FIRE-CRACKER PISTOLS.

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

To all whom it may concern:

Be it known that we, JAMES H. HAWES and ORVILLE W. BROCK, of Monroeton, in the county of Bradford and State of Pennsylvania, have invented a new and useful Improvement in Revolving Fire-Cracker Pistol; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to a new and useful improvement in a pistol for boys, and consists in a revolving chambered cylinder for discharging fire-crackers, constructed, arranged, and operating as hereinafter more fully described.

In the accompanying drawing—

Figure 1 represents a longitudinal view of the pistol, partly in section, showing the general arrangement of parts.

Figure 2 is a vertical cross-section of fig. 1, on the line *x x*.

Similar letters of reference indicate corresponding parts.

A is the stock.

B is the cylinder, provided with six, more or less, chambers, which is fastened to the stock by a central screw, around which it revolves.

The chambers are open to the outer surface of the cylinder, as seen in the drawing, and the cylinder is covered by an outer casing, C, which slides forward when the crackers are introduced.

D represents the crackers.

E, the fuses attached thereto, which pass through small apertures at the breech end of the chambers, as seen in the drawing.

On the breech end of the cylinder is a ratchet, F, with teeth *g*, corresponding, in position and number, with the chambers in the cylinder. These teeth *g* are distinctly seen in fig. 2.

The cylinder is revolved, in the act of cocking or drawing back the hammer H, by means of the spring I. This spring passes into the stock, and is rigidly attached to the hammer, so that its other end, which

is turned at a right angle to engage with the ratchet-teeth, is carried up as the hammer is drawn back. This motion of the spring is just sufficient to bring a barrel or chamber of the cylinder directly under the face of the hammer.

J is a piece of punk or "touch-wood," connected with the hammer in any manner, which is lighted, as indicated in the drawing, for setting fire to the fuse E of the cracker.

The fire may be communicated to the fuse by a match-cord, attached to the hammer, and the punk may be confined in a tube, and pass through the hammer, or in any other manner, as may be deemed best.

On the side of the pistol opposite the spring I there is a holding-spring, I, as seen in the dotted lines in fig. 1, which holds and keeps the cylinder steady as the cracker is fired.

K is the trigger, which is an extension of the hammer. The latter acts as a lever, which has its fulcrum on the part of the spring I, which passes through the stock.

By pulling the trigger, the ignited punk J is brought in contact with the fuse E of the cracker, and so on for each cracker in the cylinder as the pistol is cocked and the trigger is pulled.

Having thus described our invention,

We claim as new and desire to secure by Letters Patent—

1. The pistol A B C F H I, for discharging fire-crackers, all its parts being constructed and operating substantially as shown and described.

2. The sliding casing C around the chambers of the cylinder, substantially as and for the purposes described.

3. In combination with the hammer and ratchet-wheel, the spring I, arranged to operate substantially as and for the purpose specified.

JAMES H. HAWES.
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Witnesses:

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