PERRY & GODDARD.

Breech-Loading Fire-Arm.

No. 102,429. Patented April 26, 1870.

Fig. 1

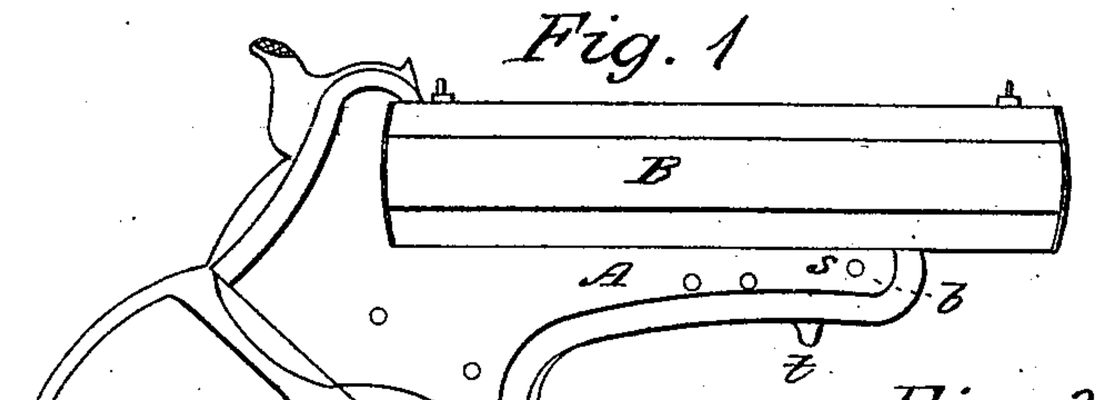

Fig. 3

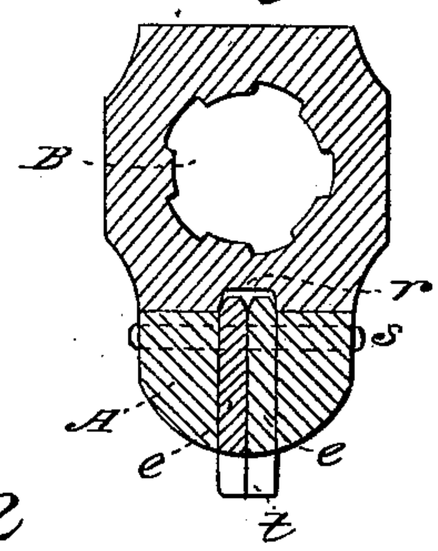

Fig. 2

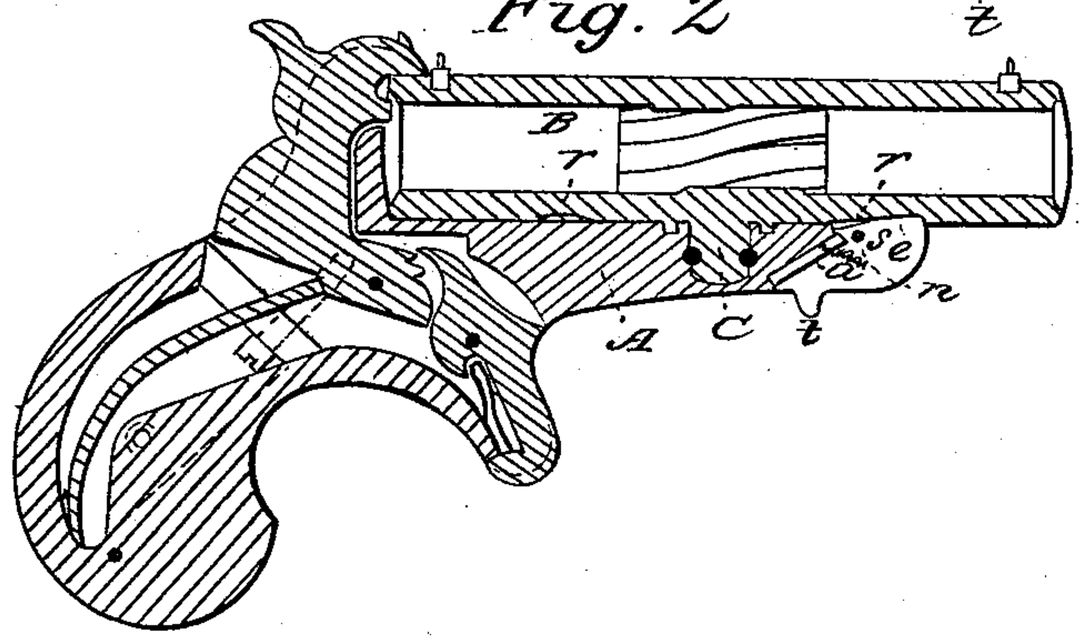

Fig. 4

Witnesses:

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SAMUEL M. PERRY, OF PLAINFIELD, NEW JERSEY, AND EMERSON GODDARD, OF BROOKLYN, NEW YORK, ASSIGNORS TO E. S. RENWICK, OF NEW YORK CITY.

Letters Patent No. 102,429, *dated April* 26, 1870.

IMPROVEMENT IN BREECH-LOADING 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, SAMUEL M. PERRY, of Plainfield, in the county of Union and State of New Jersey, and EMERSON GODDARD, of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Fire-Arms; and that the following is a full, clear, and exact description and specification of the same.

Our invention has reference to that class of fire-arms in which the barrel is movable relatively to the lock-frame or stock, and consists of the combination of the barrel of the fire-arm and the stock with a duplex-lever catch arranged in the nose or forward end of the said stock, for the purpose of holding the movable barrel in the position for firing.

The practical result of our improvement is that the barrel will be caught with certainty by the catch when returned (after the insertion of the cartridge) to the position for firing.

Our improvement is represented in the accompanying drawings as applied to a "double-header" pistol—

Figure 1 being a side elevation of the pistol;

Figure 2 representing a vertical longitudinal section of the same;

Figure 3 representing an enlarged transverse section of the same, following the line *x x* of fig. 2; and

Figure 4 representing a horizontal section of a part of the pistol, just above the lower side of the barrel, and with the barrel partly moved from its normal position relatively to the stock.

The pistol represented has a stock, A, and a barrel, B, the barrel being constructed to swing on a pivot, C, so as to turn out of the position for firing for the purpose of being loaded.

The catch consists of two lever-formed pieces, *e e*, which are inserted in a slot formed in the nose *b* of the stock, and are pivoted thereto by the pin *s*.

The forward ends of these pieces enter a slot or notch, *r*, formed in the under side of the barrel B, and, as the pistol is a double-header, the barrel being reversible on the stock, there is a notch in each end of the barrel.

The catch has a boss, *t*, (half on each member,) at its rear, for the finger or thumb to catch upon, and springs *a*, (one for each member,) to press its upper forward end toward the barrel. Each of the catches, also, has a tail or projection, *n*, which, coming in contact with the part of the stock behind it, when the catch has moved a certain distance, prevents excessive movement by the springs when the barrel is not over the stock.

When the barrel is to be moved from its normal position upon the stock, the catch is disengaged from the notch of the barrel by pressing the boss *t* by the finger or thumb, thus disengaging the catch from the notch in the barrel, and permitting the barrel to be moved.

When the barrel, after being moved, is to be replaced in its position for firing, the notch *r* is brought over the first member *e*, fig. 4, of the catch before it is brought over the second member. Consequently, the first member has time to enter the notch in position to stop the movement of the barrel before the barrel is restored to its normal position. The result is that it is practically impossible to move the barrel past the catch.

In constructing the catch, we find it expedient to bevel off its upper edges slightly, as seen at fig. 3; also to bevel the sides or walls of the notch in which it engages correspondingly. And although we prefer to arrange the two members of the duplex catch side by side, this is not essential, as they may be separated by a stationary partition-plate. Their adjacent inner edges, also, may be beveled off, as seen at fig. 3, the practical effect of which is to permit the catch that first engages in the notch to enter the same sooner than it otherwise would, and thus have a longer period to rise before the wall of the notch reaches its outer side.

Although we prefer to construct the fire-arm as above described, so as to embody both parts of our invention, such construction is not essential, for the first part of the invention may be used without the second by making the catch of a single piece of metal, and the second may be used without the first by arranging a duplex catch in the vicinity of the recoil-shield.

What we claim as our invention, and desire to secure by Letters Patent, is—

The combination of the stock and barrel of the fire-arm with a duplex catch, substantially as before set forth.

In testimony whereof we have hereto set our hands this 5th day of October, A. D. 1867.

S. M. PERRY.
E. GODDARD.

Witnesses:

MELVILLE BIGGS,
JOHN RATHBONE, Jr.