

L. GUINEUF.
Breech-Loading Fire-Arms.

No. 152,365.

Patented June 23, 1874.

Fig. 1.

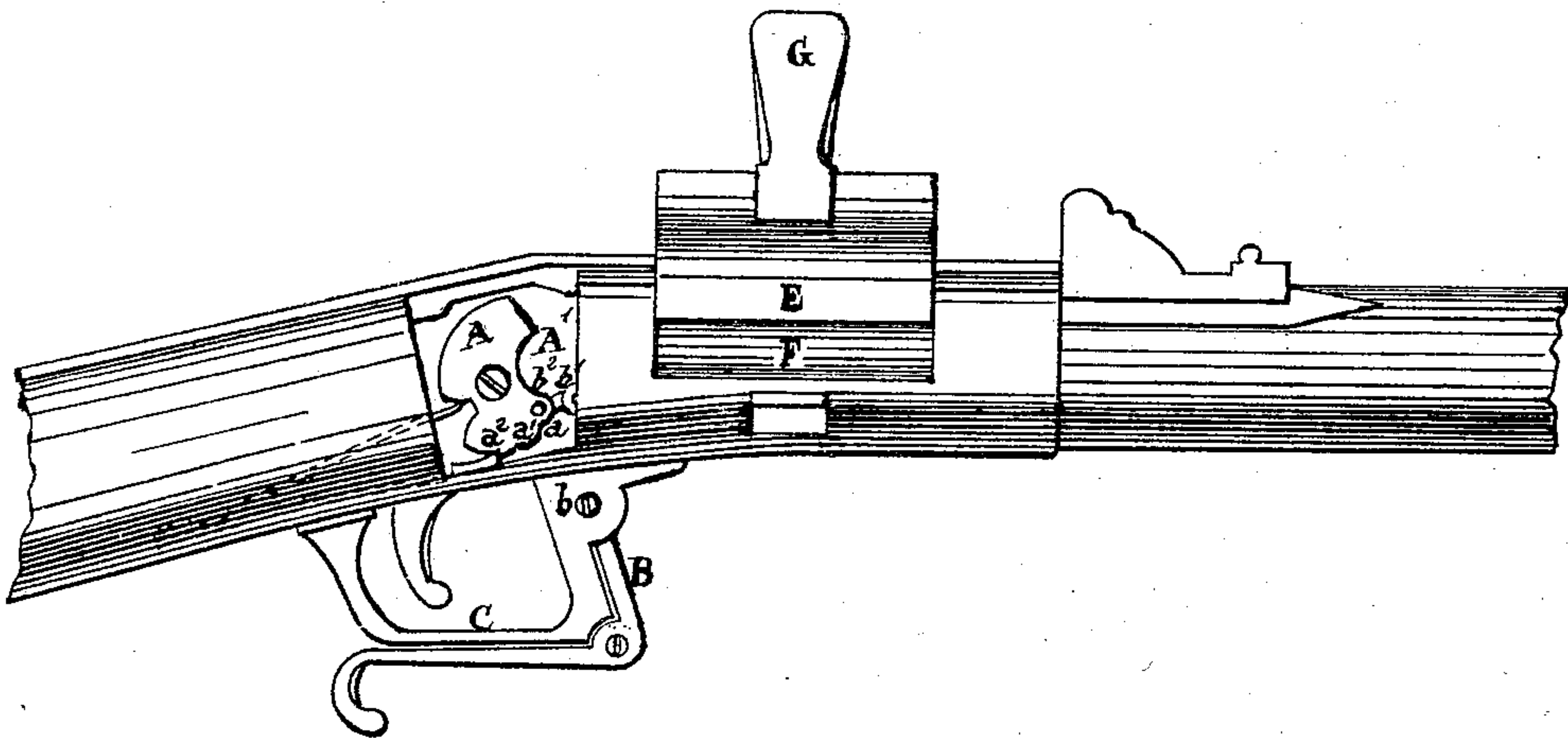
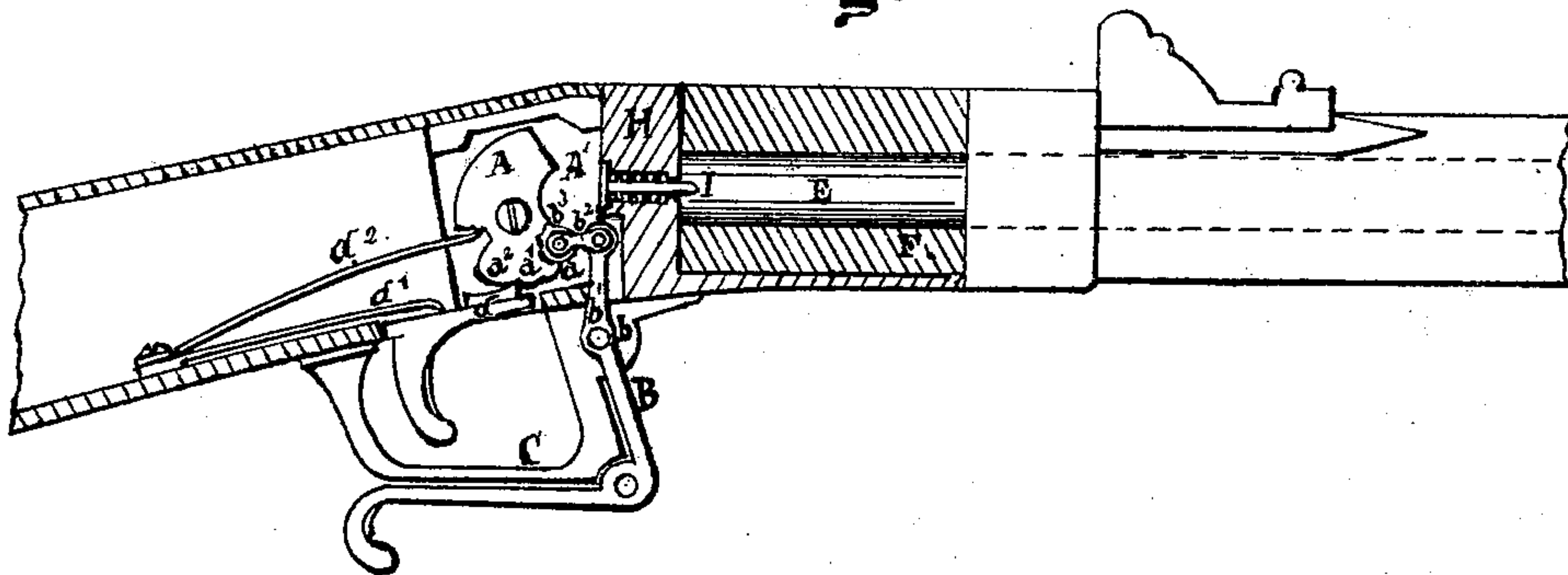


Fig. 2.



Witnesses
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IMPROVEMENT IN BREECH-LOADING FIRE-ARMS.

Specification forming part of Letters Patent No. 152,365, dated June 23, 1874; application filed March 9, 1874.

To all whom it may concern:

Be it known that I, LUCIEN GUINEUF, of the city of Bordeaux, Department of the Gironde, in the Republic of France, have invented new and useful Improvements in Breech-Loading and other Fire-Arms, of which the following is a specification:

The object of my invention is to produce a fire-arm superior to those heretofore constructed by its strength, as well as the simplicity of the mechanism connected therewith, and by a peculiar construction of the fire-arm, by means of which the hammer or hammers form part of the interior mechanism, thereby obviating the accidental discharge of such fire-arm.

My invention also consists in providing a suitable lever provided with a spring-catch, by means of which the cartridge-chamber is turned out of its seat for loading, and held firmly in position when turned back again for firing; but that my invention may be fully understood I will describe the same in detail by aid of the accompanying drawings.

Figure 1 is a side elevation, and Fig. 2 a longitudinal section, of a fire-arm embodying my invention.

A is the cock or hammer, the base of which is provided with three notches—one, a , for discharge; a^1 , half-cock; and a^2 , full cock. These notches perform the function of the tumblers used in fire-arms generally, and which are here suppressed, thereby simplifying, as well as strengthening, the mechanism. The hammer A forms part of the inner mechanism, and is placed within a chamber, A' , termed the hammer-chamber, which is located in rear of the block II, containing the striker I, being near the butt-end chamber. Instead of cocking the hammer A in the ordinary manner, I provide an additional lever or trigger, B, by means of which the hammer A is cocked or half-cocked, as may be desired. This lever B is affixed outside of the trigger-guard, and is pivoted thereto at b , and is provided with an extension, b^1 , entering the hammer-chamber A' , and to the upper end of this extension b^1 one end of a link or stirrup, b^2 , is pivoted. The other end of such stirrup b^2 is

pivoted to the hammer A at b^3 . When it is necessary to half-cock or full-cock the arm, all that is required is to pull the trigger or lever B, the extension b^1 of which, acting on the hammer through the stirrup b^2 , will bring or tumble such hammer A backward into half or full cock, as plainly shown by the drawings. The extension b^1 of the lever B, when the hammer is at full-cock, fits into a recess, g , formed in the block G. (See Fig. 2.) The hammer A is released for firing by pulling the trigger D inside the trigger-guard, the detent part d of which is pressed or held into the notches a a^1 a^2 by the spring d^1 . The hammer A receives its impulse through the spring d^2 , as shown by dotted lines, Fig. 1, and full lines, Fig. 2. E is the cartridge-chamber, which is movable—that is to say, it may be turned in or out of its seat F by means of a lever, G. This lever G is provided with a spring-catch, which, when the chamber E is in its seat, catches in a notch or recess formed on the outside of the seat F, as shown by Fig. 1, and locks the chamber E securely in position.

The advantages of the lever G are obvious. By its peculiar construction, it not only serves to effectually lock the chamber E, and hold it firmly in position for firing, but also, acting as a lever, enables the marksman to turn such chamber E out of its seat F for loading, or to turn it back again for firing, with the greatest ease and facility, as well as rapidity, as the grasping of the lever will release the catch from the notch or recess, and a slight pressure of the hand from right to left, and vice versa, will turn the chamber E out of its seat for loading, or back again for firing.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

In fire-arms, the hammer or hammers A, inclosed in a hammer-chamber, A' , in combination with the lever b^2 , lever B, having an extension, b^1 , the recess g , and the trigger-guard, when arranged, constructed, and operating substantially as shown and described.

LUCIEN GUINEUF.

Witnesses:

ALBERT VEYRAT,
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