

A. V. HILL.
Breech-Loading Fire-Arm.

No. { 1,417. }
 { 32,421. }

Patented May 28, 1861.

Fig. 2.

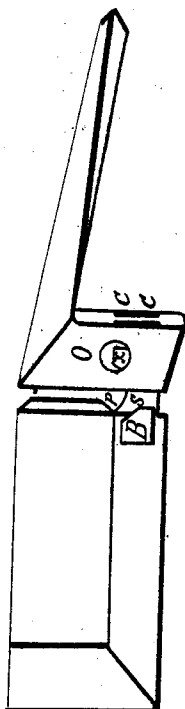
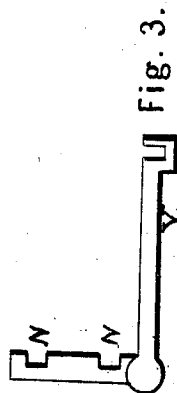
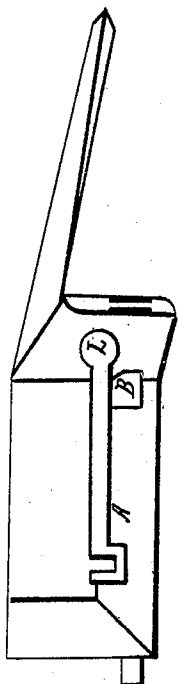


Fig. 1.



Witnesses.

R. T. Thompson
J. W. Rutledge

Inventor
Albert V. Hill

UNITED STATES PATENT OFFICE.

ALBERT V. HILL, OF CARROLLTON, NEW YORK.

IMPROVEMENT IN FIRE-ARMS.

Specification forming part of Letters Patent No. **32,421**, dated May 28, 1861.

To all whom it may concern:

Be it known that I, ALBERT V. HILL, of Carrollton, in the county of Cattaraugus and State of New York, have invented a new and useful Improvement in Breech-Loading Fire-Arms, designed especially for application to that form of the same for which Letters Patent were granted to me on the 2d of August, 1859; and I do hereby declare that the following is a clear and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view of the breech when closed. Fig. 2 is a perspective view of the breech when open. Fig. 3 is a perspective view of the key removed.

A is the lever-key when set; B, elevated portions of the bed-piece; L, the back end of the lever of a circular form and fixed eccentrically to the key, which, when the lever is turned back bears upon the shoulder B and pries the breech open, as shown at Fig. 2; O, the hole in the breech to admit the key; C C, the back end of the mortises through the breech; S, the tenants on the rear of the bed-piece when open; P, a cavity cut in the tenants; X, the back end of the tenants; N N, the cavities in the key shown at Fig. 3; V, the key-lever.

The nature of my invention consists in a method of fastening the breech of breech-load-

ing fire-arms with a lever-key by means of which the breech is opened and securely closed. The key is a round bolt with two cavities cut half-way through, as shown at Fig. 3. The round part of the key is inserted in the hole O, Fig. 2, with the lever V turned back with the cavities in the key down, so as to compare with the mortises C C, as shown at Fig. 2. Then the lever is turned forward and the cavities N N in the key strike the back end of the tenants X on the bed-piece and draw the breech shut, forming a solid bolt through the breech and cavities in the tenants with the rounded part of the key down, forming a solid and perfectly safe breech, as shown at Fig. 1. When the lever A, Fig. 1, is turned back the back end of the lever L will strike an elevated portion of the bed-piece B and pry the breech open, as shown at Fig. 2.

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

The above-described notched key with its lever V and eccentric disk L, constructed as described for the purpose of opening and securely closing the breech of a breech-loading fire-arm in the manner set forth.

ALBERT V. HILL.

Witnesses:

R. T. THOMPSON,
T. H. STOCK.