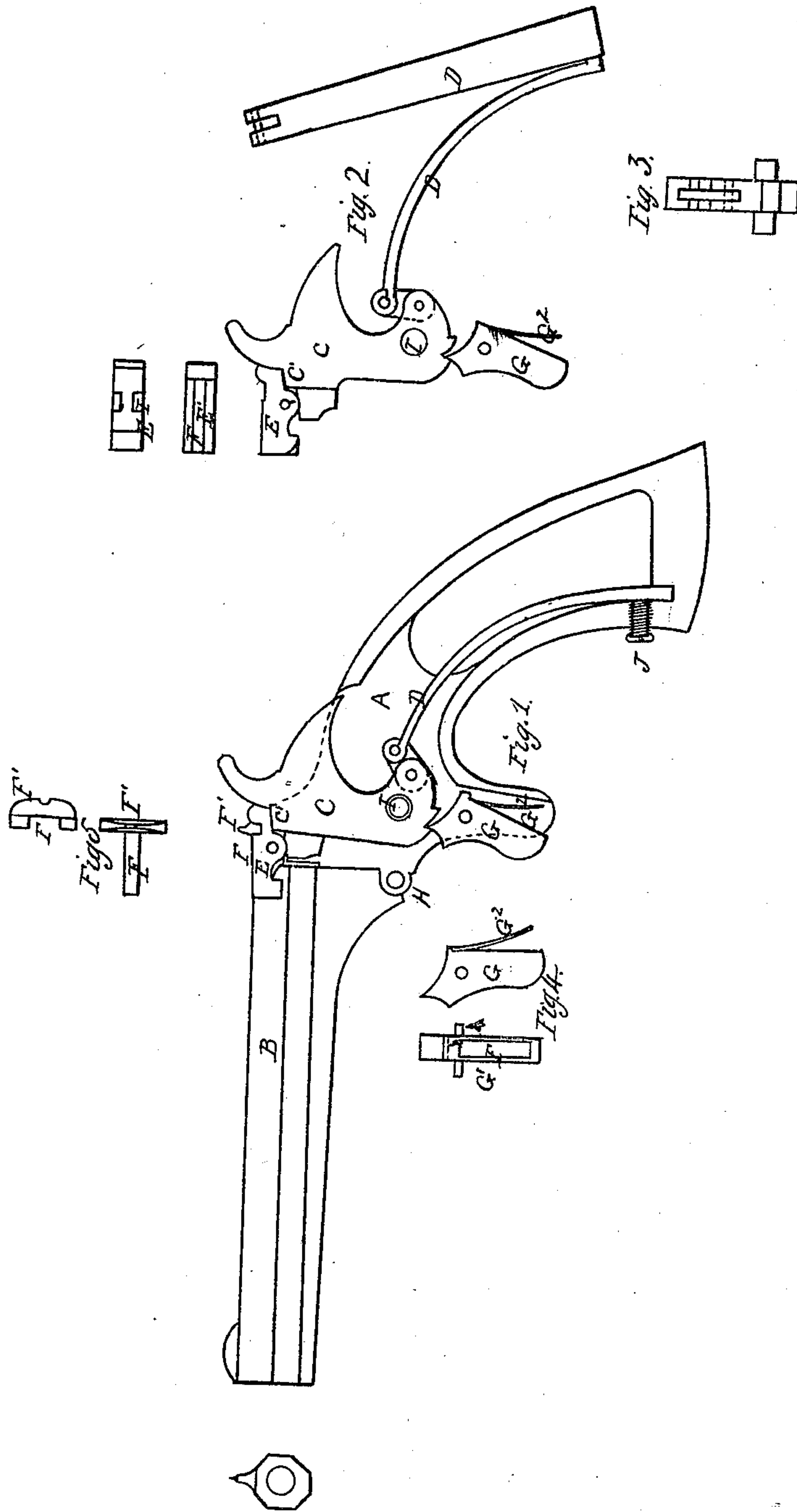


N. L. BABCOCK.  
FIREARM.

No. 27,509.

Patented Mar. 20, 1860.



# UNITED STATES PATENT OFFICE.

N. L. BABCOCK, OF NEW HAVEN, CONNECTICUT.

## IMPROVEMENT IN BREECH-LOADING FIRE-ARMS.

Specification forming part of Letters Patent No. 27,509, dated March 20, 1860.

*To all whom it may concern:*

Be it known that I, N. L. BABCOCK, of New Haven, in the county of New Haven, in the State of Connecticut, have invented a new and Improved Fire-Arm or Pistol; and I hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the construction of the cock and its application, with the pawl or dog, for holding the barrel in close connection with the stock and breech, and in the ready manner of disengaging the same for loading.

In the accompanying drawings, Figure 1 is a longitudinal section of the pistol. Fig. 2 is a detached view of the cock, spring, trigger, and pawl or dog; D, the spring; C, the cock; E, the pawl; E', a top view and E<sup>1</sup> an underside view, and F the spring. (Shown more fully in Fig. 5.) Fig. 3 is an edge view of the cock and its connection with the spring; Fig. 4, the side and edge views of the trigger.

A is the stock, and B the barrel, of the arm, and connected by the bolt H. The cock C, working on the journal I, when drawn back to a half-cock, will allow the pawl E to be relieved from the barrel and allow it to tip for loading. As the arm is loaded and the barrel brought up to its proper place, the pawl takes effect, and when the arm is discharged the cock C is brought in contact with the pawl E, which has its back end formed with an in-

clined plane, and the cock, at the point where it comes in contact with pawl, is also made on an inclination of a higher elevation, so as to form a complete wedge to press the back end of the pawl E up and the other end down firmly onto the barrel B, which holds it firmly and forms a most complete joint of the barrel with the stock, and this connection and operation take place just before and simultaneous with the explosion.

It will be perceived that the arm is readily operated. At the same time the cock is drawn back with a very slight pressure of the thumb on the back end of the pawl, it is relieved from the barrel, and as the barrel is again brought to its place, the pawl takes hold of it. The spring, being attached to the sight, bears F' gently on the pawl, to give a sure operation.

J is set-screw, to regulate the tension of the spring on the cock.

Having thus fully described my improved fire-arm, I claim—

The combination and arrangement of the spring-catch and hammer, whereby the detent E is securely held in place and forced home by the hammer C, when constructed substantially in the manner and for the purposes hereinbefore specified.

N. L. BABCOCK.

Witnesses:

E. I. SANFORD,  
H. E. PARDEE.