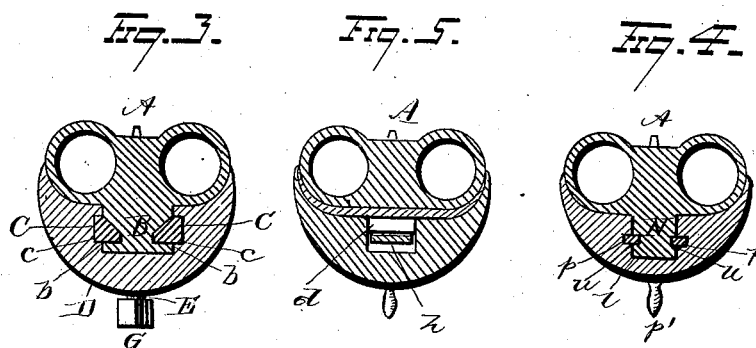


Patented June 3, 1879.



INVENTOR
Harry Bader.
 BY *H. A. Johnson.* ATTORNEY

UNITED STATES PATENT OFFICE.

HENRY BADER, OF ST. MARTINSVILLE, LOUISIANA.

IMPROVEMENT IN BREECH-LOADING FIRE-ARMS.

Specification forming part of Letters Patent No. **216,012**, dated June 3, 1879; application filed February 6, 1879.

To all whom it may concern:

Be it known that I, HENRY BADER, of St. Martinsville, in the parish of St. Martins and State of Louisiana, have invented certain new and useful Improvements in Breech-Loading Guns; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to breech-loading guns; and consists, first, in the combination, with a double-grooved catch secured to the gun-barrel, of a bifurcated sliding bolt, which engages therewith, and a finger-piece having a screw-threaded extremity, which projects from the stock, together with a nut adapted by engaging with the finger-piece to clamp said bolt to its catch; second, in the combination, with a spring-catch secured to the forward hinged stock of a gun and formed with a transverse bend, of a main stock, having its forward end provided with a recess counterpart in form to said bent spring, and adapted to automatically interlock with the same.

In the drawings, Figure 1 is a side view, part in broken section, of a gun provided with my invention. Fig. 2 is a reverse view of the same. Fig. 3 is a sectional view through line *xx* of Fig. 1. Fig. 4 is a transverse sectional view through line *yy* of Fig. 1. Fig. 5 is a view in detail, representing the spring-catch, hereinafter described.

The drawings represent the invention as applied to a single-barreled gun; but it is evident that the same is as applicable to a gun provided with double or other number of barrels.

The barrel *A* is formed with a catch, *B*, on its lower side, near its rear end, which has the two side grooves *b*, running parallel with the length of the catch. These grooves are of size corresponding to the arms *c* of the bifurcated sliding bolt *C*, which latter constitutes the locking-bolt mechanism between the barrel and the main stock *D*. This slide has movement in a suitable space inclosed between the metallic and the wood parts of said stock. A

finger-piece, *E*, projecting from its lower side passes through slot *F* in the stock, and through a hole in the shield-plate *f*, which latter fits in a corresponding recess in the stock. A nut, *G*, is secured on the threaded portion of the free extremity of this finger-piece, and serves to clamp the sliding bolt to its catch, and also to act as a handle or means for taking hold of the finger-piece and operating the locking mechanism. A second catch, *H*, is formed on the gun-barrel in line with catch *B*, but of smaller size, and provided with a spring, *h*, which is adapted to engage beneath a central transverse lug, *d*, formed on the upper end of stock *D*, at the point of junction of same with the forward stock *L*. The engagement of this second catch with said end lug serves to prevent the gun-barrel from being thrown upward by reason of the recoil of the discharge, and holds the same down securely upon the stock.

The forward stock, *L*, is connected by suitable hinge mechanism *M* to the stock *D*, and is thereby adapted to have a movement which permits the gun-barrel connected therewith to be swung downward preparatory to loading the gun at its breech. This forward stock is provided with an opening, *l*, through which the third catch, *N*, formed on the gun-barrel projects. This catch is in line with the two catches previously described, and is of greater length than either of them. It is provided with the two longitudinal grooves *u* formed in its respective sides, which engage with the corresponding arms *p* of the bifurcated locking-plate *P*. This plate has a suitable stud or projection, *p'*, by which it is readily operated, and it is slid in or out from engagement with the grooves of its catch, as it may be desirable to connect or disconnect said forward stock with the gun-barrel.

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

1. The combination, with the double-groove catch secured to a gun-barrel, of the bifurcated sliding bolt, which engages therewith, and the finger-piece having its screw-threaded extremity projecting from the stock, together with a nut adapted by engagement with the finger-

piece to clamp said bolt to its catch, substantially as set forth.

2. The combination, with the spring-catch secured to the forward hinged stock and formed with a transverse bend, of the main stock, whose forward end is provided with a recess counterpart in form to said bent spring, and adapted to automatically interlock with the same, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 23d day of July, 1878.

HENRY BADER.

Witnesses:

EDWARD SIMON,
LOUIS DE BLANC.