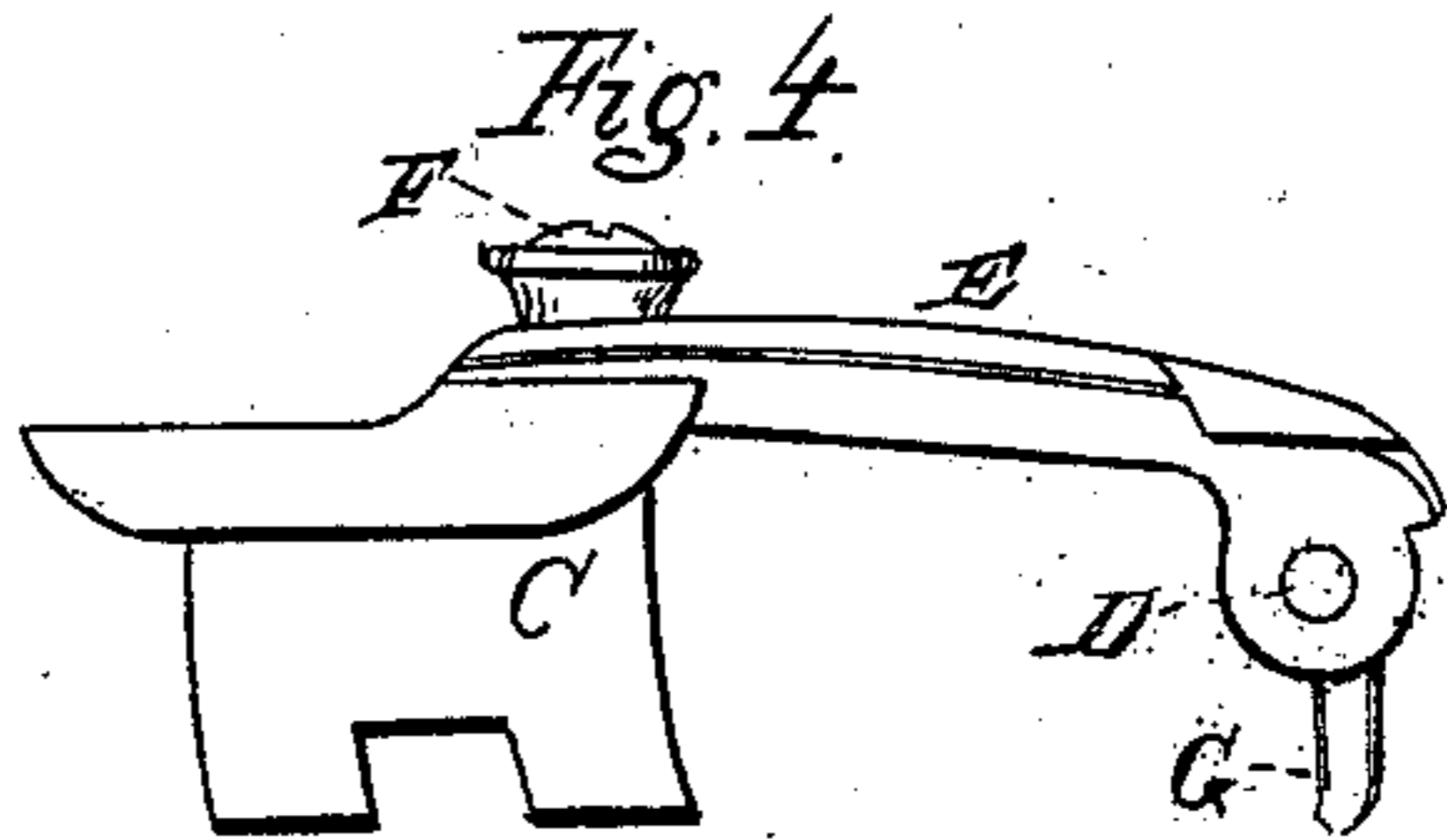
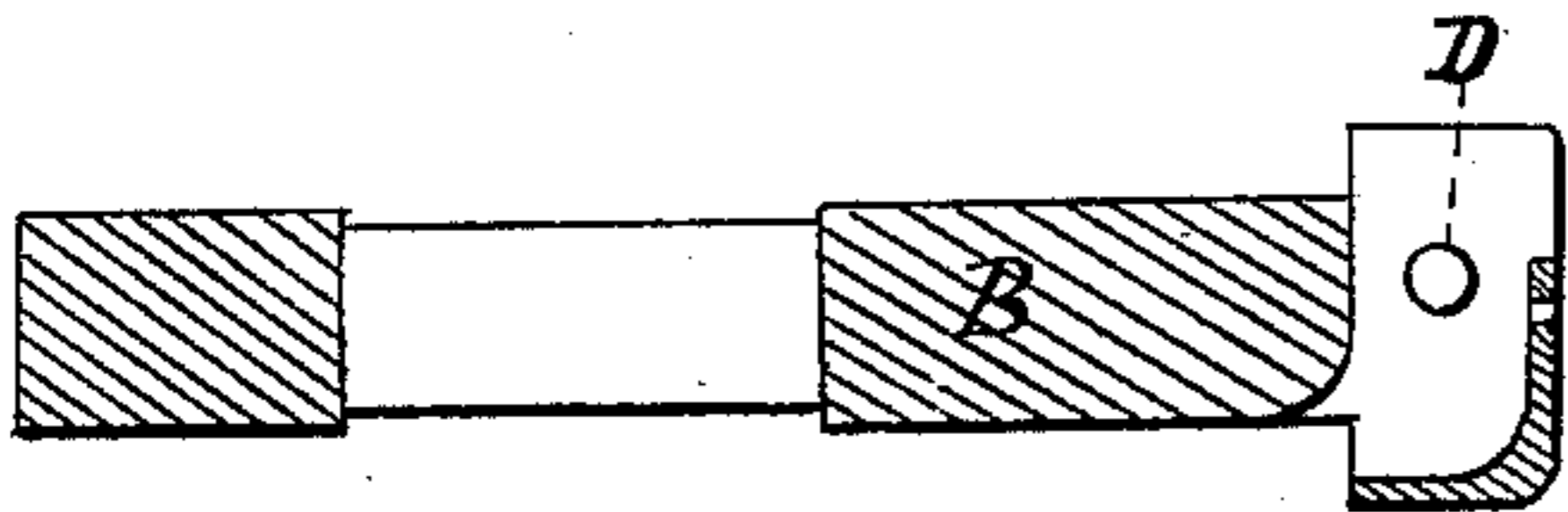
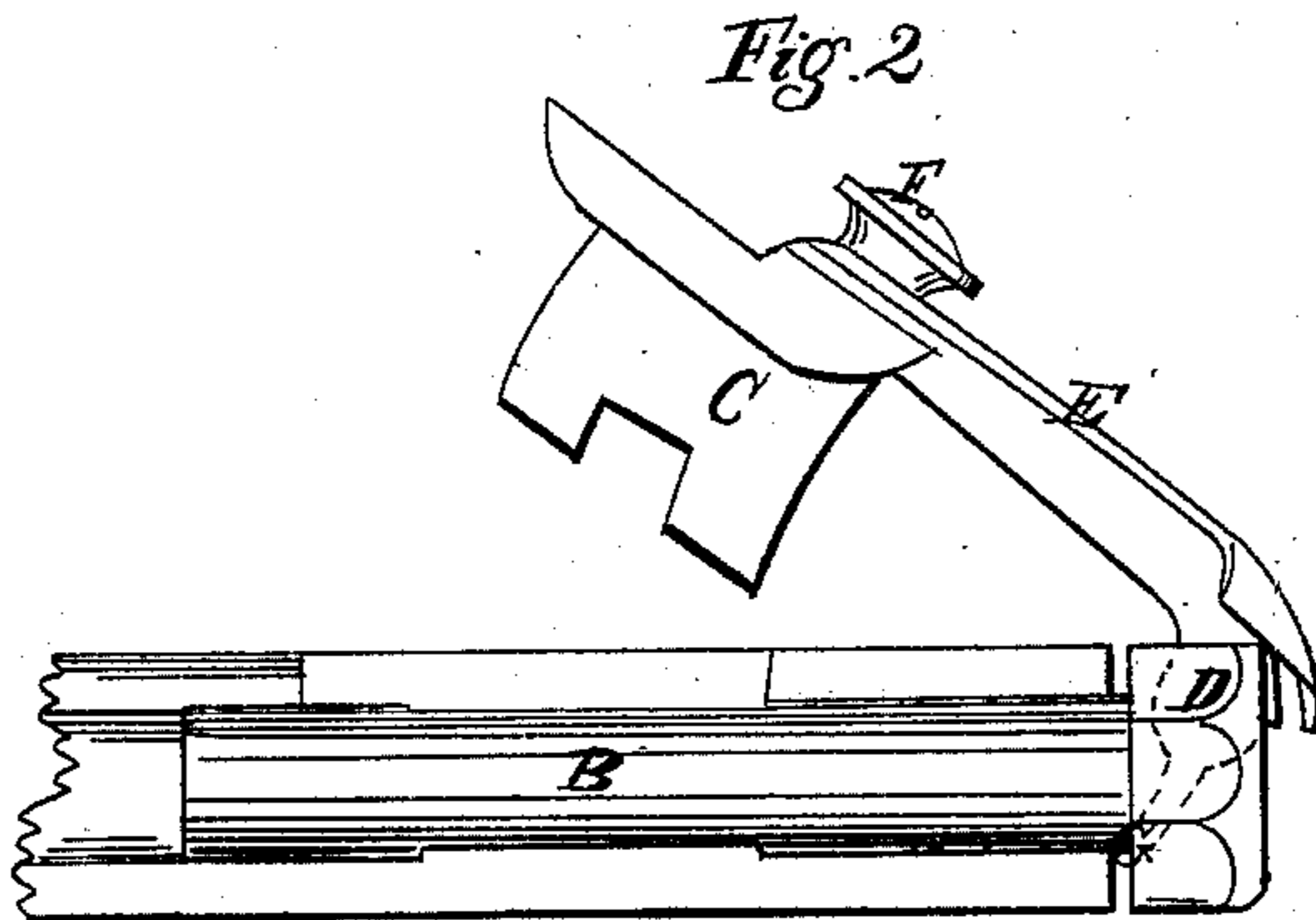
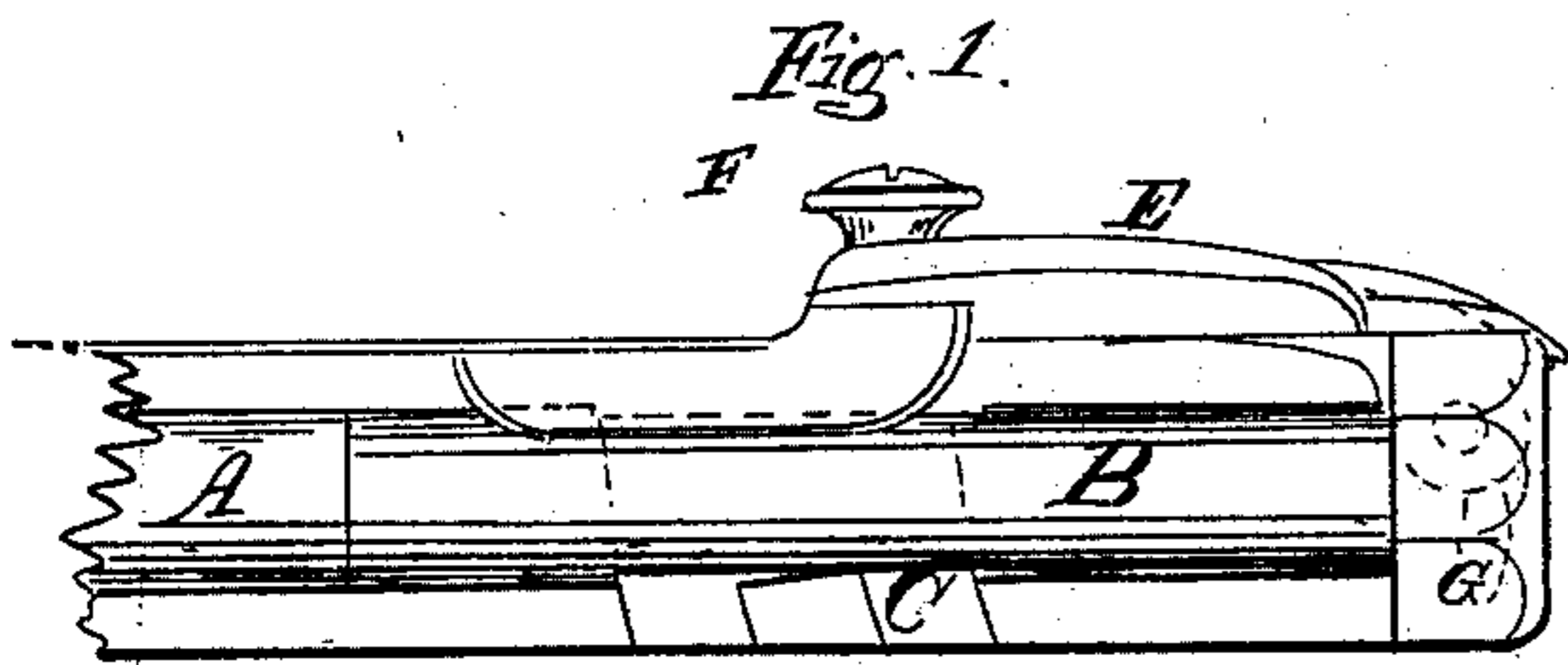
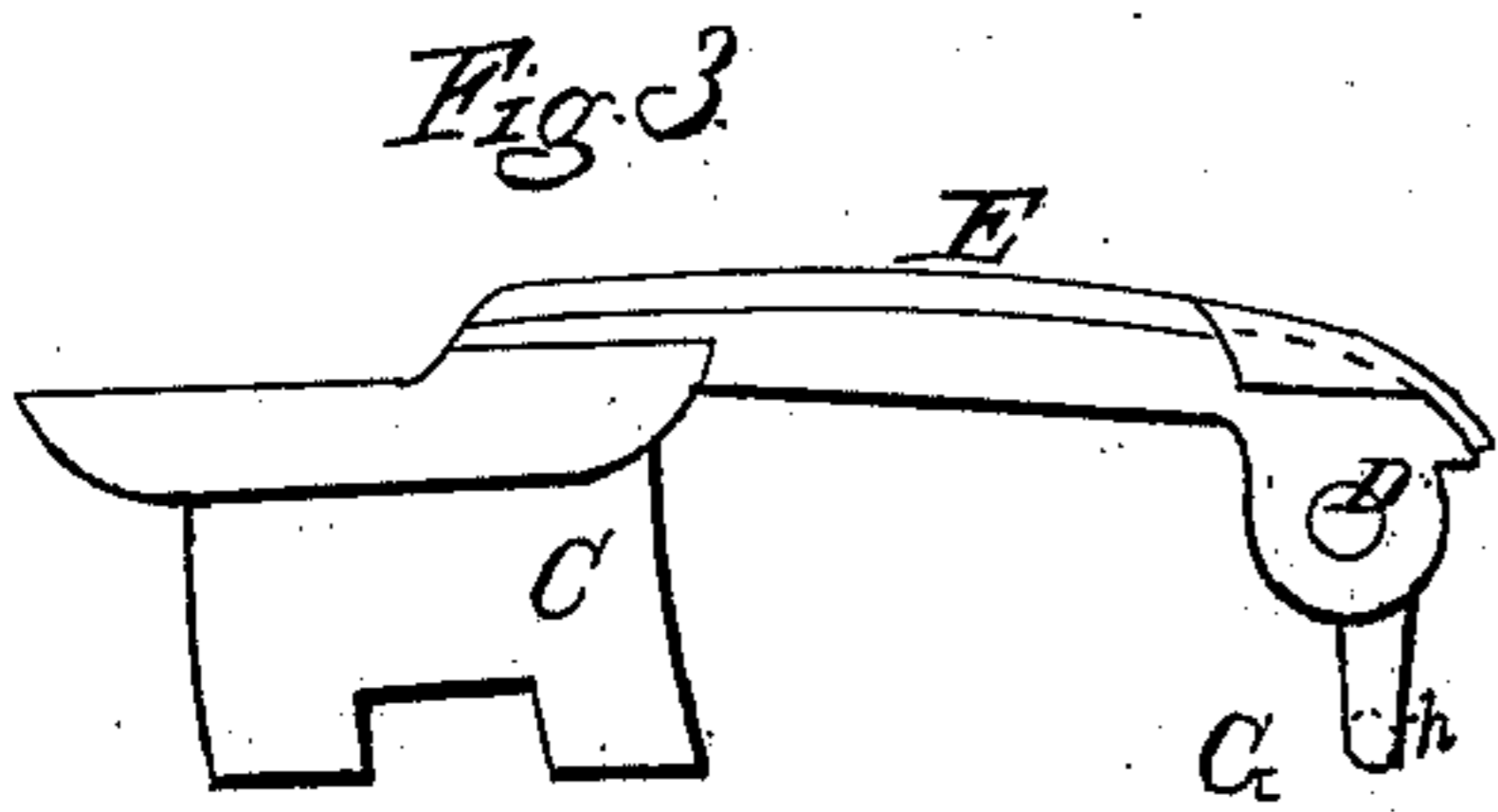


J. C. NYE.

Breech-Loading Fire-Arm.

No. 37,356.

Patented Jan. 6, 1863.



Witnesses

*W. A. Kingman*  
*Chas. D. Fowler*

Inventor

*John C. Nye*

# UNITED STATES PATENT OFFICE.

JOHN C. NYE, OF CINCINNATI, OHIO.

## IMPROVEMENT IN BREECH-LOADING FIRE-ARMS.

Specification forming part of Letters Patent No. 37,356, dated January 6, 1863.

*To all whom it may concern:*

Be it known that I, JOHN C. NYE, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement upon my Breech-Loading Fire-Arm, for which Letters Patent of the United States were granted November 4, 1862; and I do hereby declare that the following is a full, 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 horizontal section of the breech of the fire-arm with the key or gate C shut down. Fig. 2 is the same as Fig. 1 with the key or gate C open. Fig. 3 is a view of the key or gate C, having a small roller in the end of the improvement G. Fig. 4 is the same as Fig. 3, except it be without the roller. Fig. 5 is a section of the breech-pin or plunger, the top being off, showing the opening in the head where the improvement G works.

A is a section of the barrel of the fire-arm.

B is the breech-pin or plunger.

C is the key or gate which holds the breech-pin or plunger B in its place when shut down, and also closes the opening in the side of the barrel.

D is a hinge-joint on which the key or gate C swings in the head of the breech-pin or plunger B.

E is a spring which holds the key or gate C in its place open or shut down.

F is a screw which holds the spring E in its place. F is also used as a handle or knob to open the key or gate C.

G is the improvement attached to the end of the key or gate C, where it works inside of the head of the breech-pin or plunger B, the end of G striking the end of the barrel on the opening of the key or gate C, throwing the breech-pin or plunger B out about one-tenth of an inch, thereby breaking the adhesion caused by firing the arm, or from any other cause, and thereby causing the breech-pin or plunger B to move out easy, the key or gate C acting as a lever, D being the fulcrum or prop, and the end of G resting on the end of the barrel, as seen in Figs. 1 and 2.

h is a small roller inserted in the end of G, as seen in Fig. 3, to act on the end of the barrel, and which may be dispensed with.

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

The arm G, attached to the key or gate C, substantially as described in the specification and shown in the accompanying drawings.

JOHN C. NYE.

Witnesses:

JOHN S. HOLLINGSHEAD,  
BAKER W. JOHNSON.