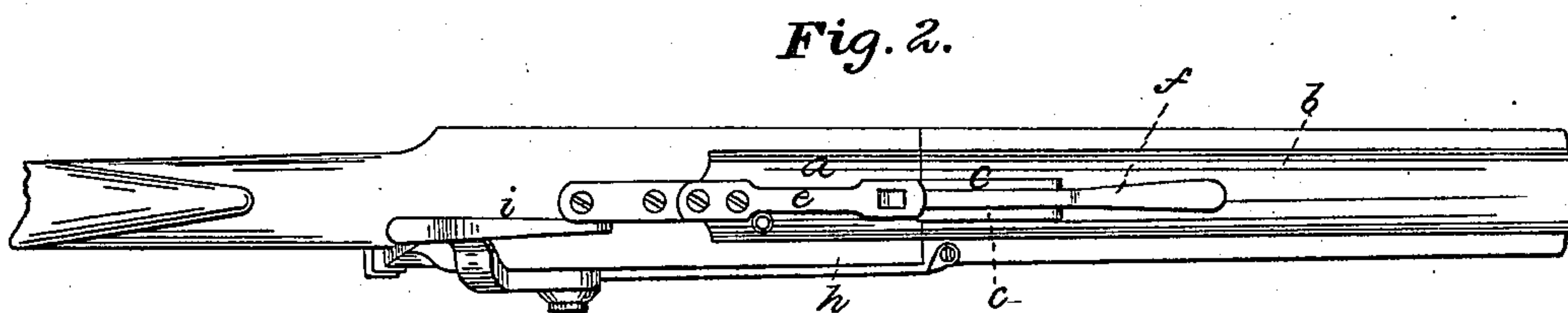
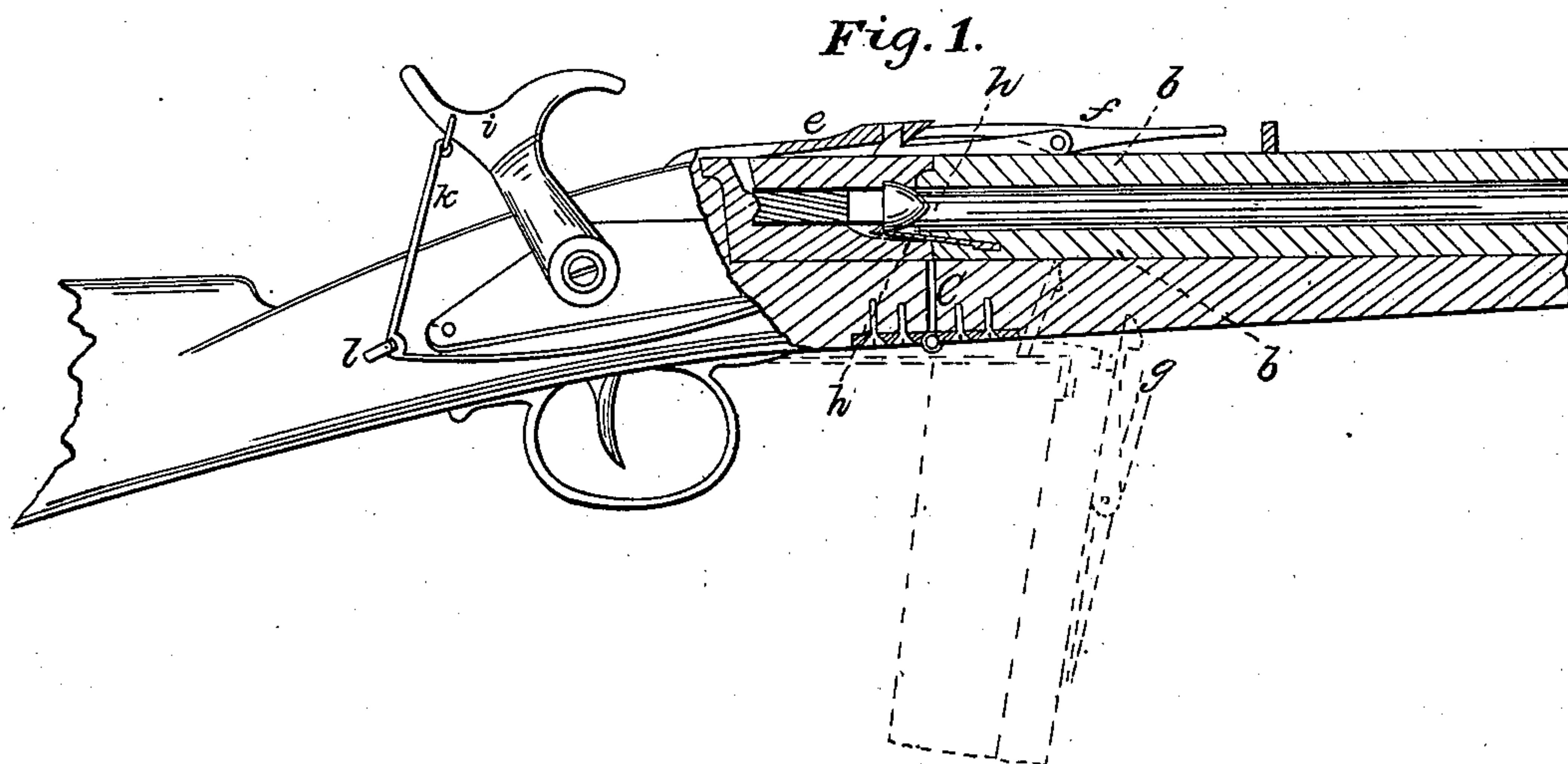


J. D. BLAKER.  
Breech-Loading Fire-Arm.

No. 93,403.

Patented Aug. 10, 1869.



Witnesses:

*Sinclair*  
*Wm. T. Brooks*

Inventor:

*J. D. Blaker*  
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Attorneys.

# United States Patent Office.

JOHN D. BLAKER, OF NEWTOWN, PENNSYLVANIA.

Letters Patent No. 93,403, dated August 10, 1869.

## IMPROVEMENT IN BREECH-LOADING FIRE-ARMS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JOHN D. BLAKER, of Newtown, in the county of Bucks, and State of Pennsylvania, have invented a new and useful Improvement in Breech-Loading Fire-Arms; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

This invention relates to improvements in breech-loading fire-arms, having for its object to provide an improved arrangement of catch-spring and detaching-lever, for holding and disconnecting the barrel, which is hinge-jointed, and swings downward for inserting the charge; also, an improved arrangement of discharger, for throwing out the shell by the turning down of the barrel for reloading; and also an arrangement for cocking the hammer by the same movement of the barrel for reloading; all as hereinafter more fully specified.

Figure 1 represents a sectional elevation of my improved breech-loading gun, with red lines representing the barrel as turned down for loading.

Figure 2 represents a plan view of the same.

Similar letters of reference indicate corresponding parts;

The barrel is made in two parts, *a b*; also the stock, which is hinged together at *c*.

*d* represents a catch, placed on the top of the part *b*, of the barrel, for catching under a spring-catch, *e*, fixed to the branch *u*.

*f* represents a disconnecting-lever pivoted to the part *b* of the barrel, and having a curved end, *g*, which takes under the curved end of the spring-catch, when the two parts of the barrel are connected together. The other end of this lever projects sufficiently toward the muzzle beyond the point, to be grasped by the hand when the barrel is grasped for turning down,

and pressed down to throw the other end up, raising the spring-catch to allow the escape of the catch *c*.

When the part *a* of the barrel is returned again, the catch *c* is forced under the catch *e*, which springs up and allows the catch *c* to slide under far enough to be locked.

*h* represents a retracting hooked spring, connected to the part *b* of the barrel, so as to project into the base of the part *a* far enough to catch behind the rim of the exploded cartridge, and discharge it when the barrel is turned down.

The hammer *i* is connected by a cord, *k*, passing through a guide-eye, *l*, to the stock, or it may be to the barrel beyond the joint of the two parts thereof, so as to be drawn forward when the part *b* is turned down, thereby cocking the hammer also, by the turning down of the barrel.

Having thus described my invention,

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

1. The combination, with the parts *a b* of the barrel hinged as described, of the catch *c*, spring-catch *e*, and disconnecting-lever *f*, when arranged substantially as specified.

2. The combination, with the parts *a b* of the barrel, hinged together as described, of the discharging-spring hook *h*, substantially as specified.

3. The combination, with the hammer and parts of the barrel, when hinged as described, of the cord *k*, arranged as specified.

4. The arrangement, with the part *b* of the barrel, when hinged to the part *a*, as described, of device for simultaneously disconnecting the catches *c e*, discharging the shell and cocking the hammer, substantially as specified.

JOHN D. BLAKER.

Witnesses:

ISAAC B. BLAKER,  
CLARENCE BUCKMAN.