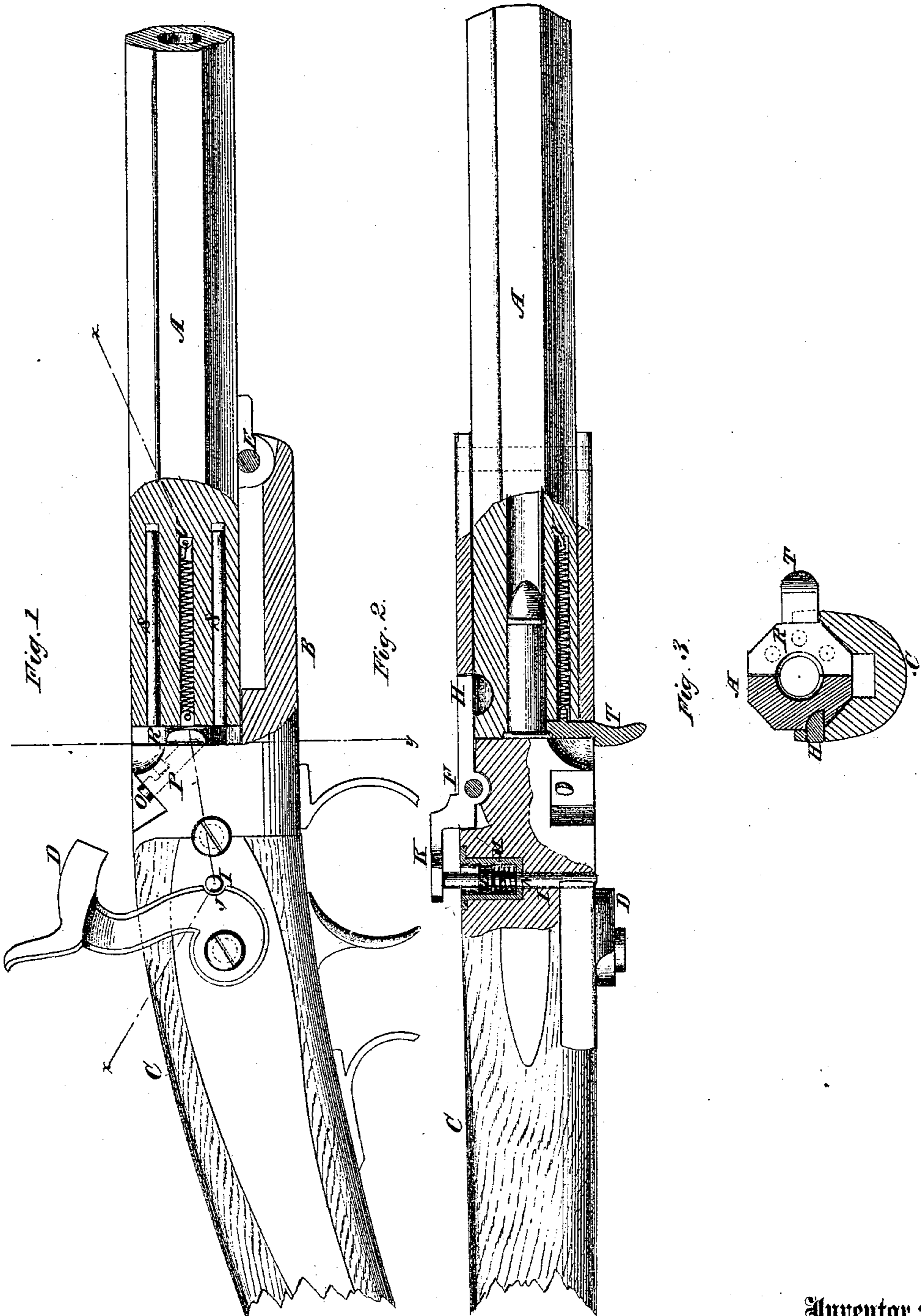


J. DAVIS.

Breech-Loading Fire-Arm.

No. 103,154.

Patented May 17, 1870.



Witnesses:

Joseph Dietrich
E. J. Mabee

Inventor:

Jarvis Davis
PER *Mamm*
Attorneys.

United States Patent Office.

JARVIS DAVIS, OF BUFFALO, NEW YORK, ASSIGNOR TO P. SMITH, OF SAME PLACE.

Letters Patent No. 103,154, dated May 17, 1870.

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, JARVIS DAVIS, of Buffalo, in the county of Erie and State of New York, 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 a new and useful improvement in breech-loading fire-arms, whereby they are made more simple and durable than they have hitherto been, and

It consists in a locking-lever for the barrel, and arranged and operating as hereinafter more fully described.

In the accompanying drawing—

Figure 1 is a longitudinal side view, partly in section.

Figure 2 is a longitudinal section of fig. 1, on the line *x x*.

Figure 3 is a cross-section of fig. 1, on the line *y y*.

Similar letters of reference indicate corresponding parts.

A represents the barrel;

B is the frame;

C is the stock;

D is the hammer.

The barrel is hinged to the frame at the point E. The cartridge is introduced in the breech end by depressing the muzzle end, which throws up the breech end.

The barrel is held in place for firing by means of the lever F, which is pivoted to the frame at G.

There is a lip, H, on one end of the lever, which enters a cavity in the side of the barrel, when the

barrel is in place, by means of which the barrel is rigidly held, as seen in fig. 2.

I is a pin, which passes transversely through the stock, and through the lock-plate.

When the hammer is down the end of this pin I comes in contact with it. When the hammer is at half-cock the pin will pass it by means of the cavity in the hammer, as seen at J.

K is the thumb-piece of the lever.

The pin I is provided with a collar, L, which works in a chamber M of the stock.

N is a spiral spring in the bottom of the chamber, which bears against the collar, and serves to force the pin outward against the thumb-piece K with a constant pressure, which pressure tends to keep the barrel locked and in place, except when loading the piece or extracting the cartridge-shell.

O is the igniting pin, which is placed loosely in the breech-piece, and held in its orifice by the recess and stop, as seen at P.

R is the extractor, to which stems S S are attached, which slide in holes in the barrel.

T is the finger-piece of the extractor.

When a cartridge-shell is drawn out by the extractor, the recoil of the spring U draws the extractor back to the position seen in the drawing.

Having thus described my invention,

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

In combination with a breech-loading gun, the locking-lever F and the pin I, arranged and operating substantially as and for the purposes herein shown and described.

Witnesses:

S. G. LEVALLEY,
F. A. GLANZ.

JARVIS DAVIS.