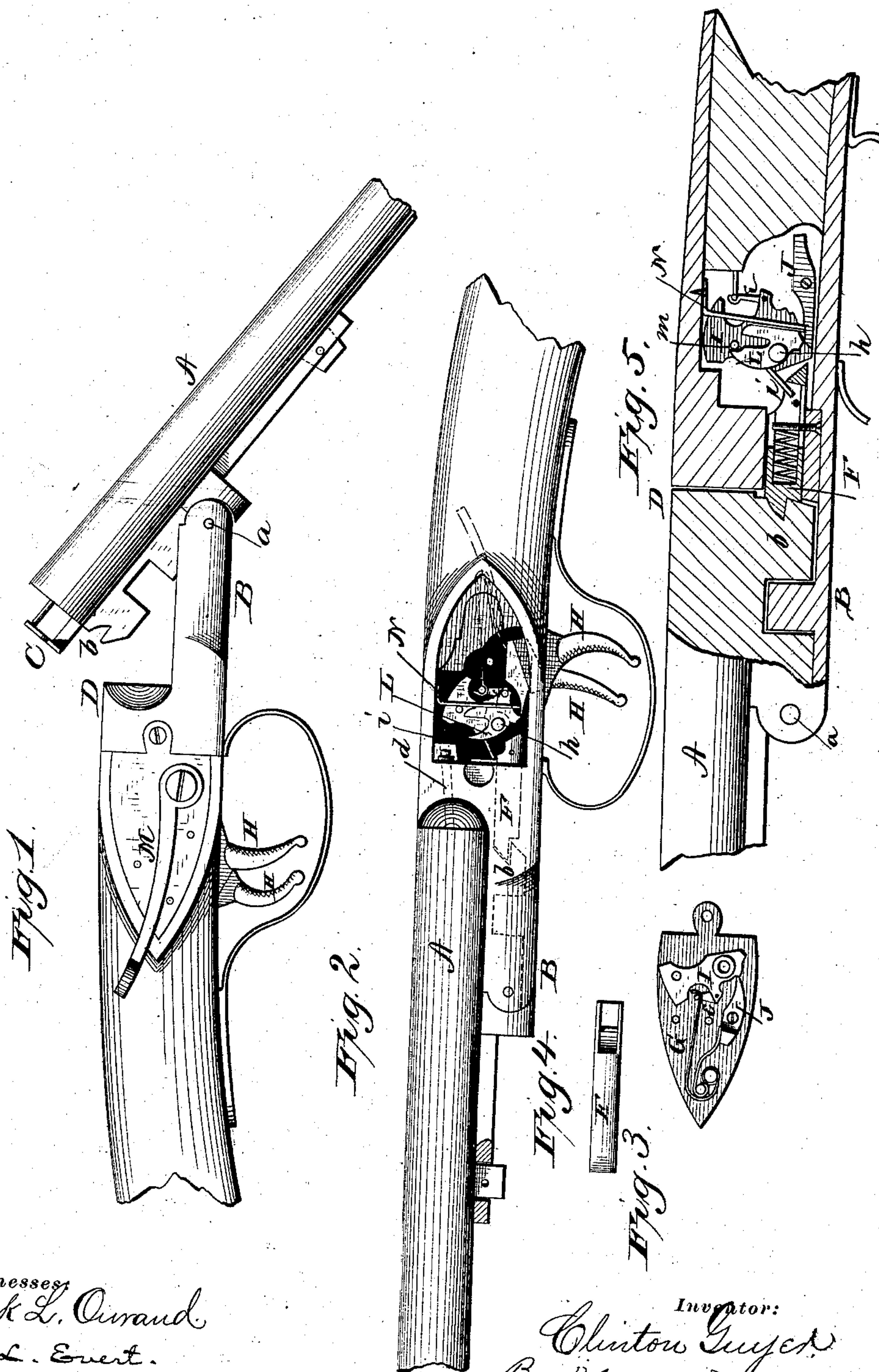


C. GUYER.
Breech-Loading Fire-Arm.

No. 226,744.

Patented April 20, 1880.



Witnesses:
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C. L. Evert.

Inventor:
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UNITED STATES PATENT OFFICE.

CLINTON GUYER, OF MUNCY, PENNSYLVANIA.

BREECH-LOADING FIRE-ARM.

SPECIFICATION forming part of Letters Patent No. 226,744, dated April 20, 1880.

Application filed February 9, 1880.

To all whom it may concern:

Be it known that I, CLINTON GUYER, of Muncy, in the State of Pennsylvania, have invented certain new and useful Improvements in Fire Arms; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My invention relates to breech-loading fire-arms; and it consists in the construction and arrangement of certain devices for unlocking the barrel and working the hammers inside of the lock-case, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a side view of a fire-arm embodying my invention. Fig. 2 shows the inside of the lock. Figs. 3 and 4 are detailed views of parts thereof. Fig. 5 is an enlarged section of the lock.

A represents the barrels, pivoted at *a* to the frame B, and provided with a sliding extractor, C, which is operated by the breaking down of the barrels, as is usually done in this class of fire-arms.

The barrels close against the breech D, and are locked by a latch, F, which springs into the notch at *b*.

d d are the firing-pins, each of which is to be operated by means of a hammer, I, pivoted within the lock-case.

The hammer is, by a link or swivel connection, *e*, connected with a spring, G, and the other end of this spring works on the sear J, which holds the hammer when raised.

H is the trigger for releasing the sear, so as to allow the spring to throw down the hammer.

Through the lock-case is passed a double-acting rock-shaft, *h*, provided within the case with a lever, L, having a projecting pin, *i*, said lever being placed and working between the two hammers, so as to come in contact with pins *m*, projecting from said hammers.

On one end of the shaft *h*, outside of the

frame, is secured a thumb-lever, M. By a downward pressure on this outside lever the inside lever, L, is turned, catching on the pins *m*, and, raising the hammers, placing them in firing position.

By an upward pressure on the thumb-lever M the projection or pin *i* takes hold of and withdraws the latch F to unlock the barrels, so that they may be placed in position for loading.

The hammers when in firing position can be returned to their position of safety by holding down on the outside lever and pulling the triggers the same as any other gun with outside hammers.

The position of the hammers, whether in firing position or at rest, is known by pressing down the outside lever, which sinks down with very little pressure when hammers are in firing position. When the hammers are not in firing position a heavier pressure is required to sink down the outside lever.

N is a spring attached to the upper strap of the frame in an upright position, for holding the rocking shaft and lever L, as well as the outside lever, M, free from the force of the hammers and springs when firing.

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

In a breech-loading fire-arm having break-down barrel and concealed hammer, a horizontal shaft passing through the lock-case and provided at its outer end with a lever for turning the same, and on the part within the case with a projecting arm or lever arranged with relation to the hammer and locking-bolt, as shown, so that when the shaft is turned in one direction the arm will engage with the hammer and cock it, and when turned in the opposite direction it will engage with the locking-bolt and withdraw it, substantially as herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 2d day of February, 1880.

CLINTON GUYER.

Witnesses:

T. P. WARNER,

WM. F. GRASSLER.