

I. M. EARLE.  
BREECH-LOADING FIRE-ARM.

No. 189,026.

Patented April 3, 1877.

Fig. 1.

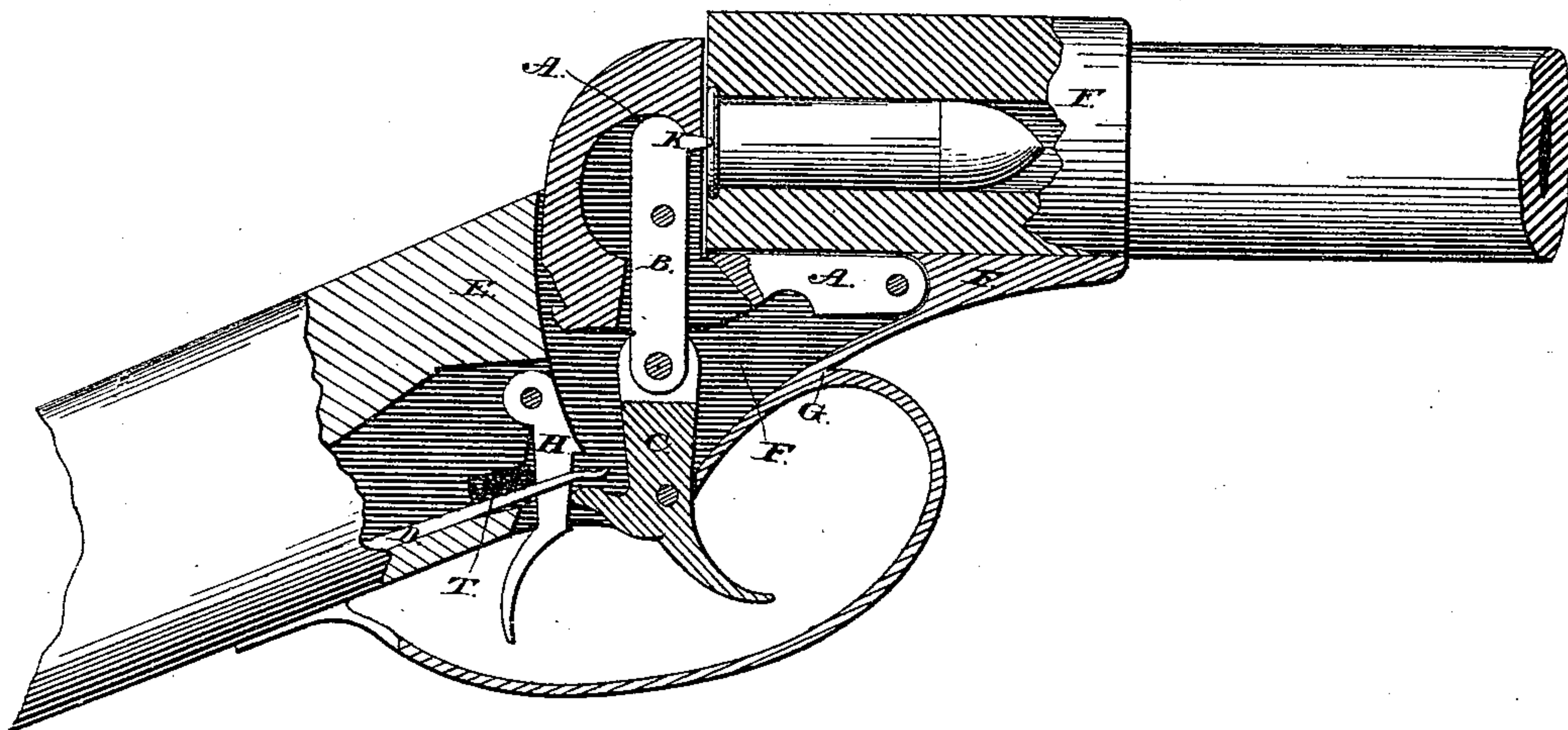
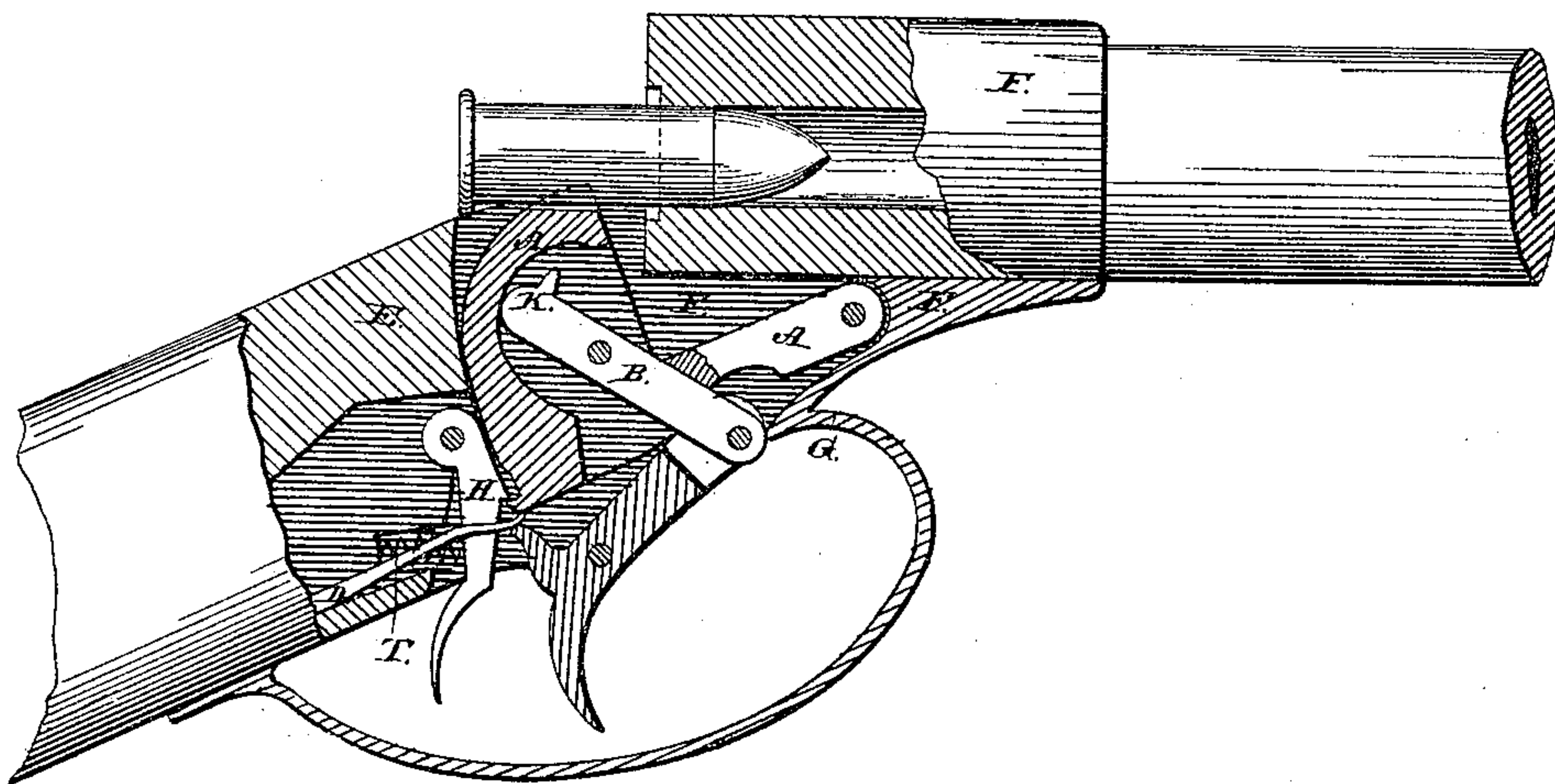


Fig. 2.



Attest:

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# UNITED STATES PATENT OFFICE.

IRA M. EARLE, OF PELLA, IOWA.

## IMPROVEMENT IN BREECH-LOADING FIRE-ARMS.

Specification forming part of Letters Patent No. 189,026, dated April 3, 1877; application filed September 28, 1876.

*To all whom it may concern:*

Be it known that I, IRA M. EARLE, of Pella, in the county of Marion, State of Iowa, have invented a new and useful Improvement in Breech-Loading Fire-Arms, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 represents a longitudinal sectional view of the arm with the breech closed. Fig. 2 is also a longitudinal sectional view of same with the breech opened.

The object of my invention is to secure a fire-arm in which the breech mechanism can only be operated by triggers set within the guard.

In the drawing, F is the metallic housing or frame, into the tubular end of which the barrel is screwed, while the plates clamp the stock, and form, with the shoulder E and the guard G, the walls of the chamber containing the action. The trigger H, its spring T, and the mainspring D are set in recesses of the wood of the stock. The breech-block A is pivoted in the housing F, and is slotted for the play of the firing-lever B. C is the cocking-trigger, also pivoted in the housing F. The firing-lever B is pivoted to the breech-block A and to the trigger C, substantially as shown in the drawing. K is the firing-spur.

It will be seen from the foregoing that a pull on the trigger C withdraws the spur K from the cartridge and depresses breech-block A till it is caught by the trigger H, thus opening the breech and cocking the piece; and, also, that a pull on trigger H releases the breech-block A, which is thrown up to close the breech by the pressure of spring D on the spur of the trigger C, and that by this movement the spur K is caused to strike the cartridge for the purpose of firing it.

It will also be seen that the breech-block A when closed is braced from the rear by shoulder E, and from beneath by lever B and trigger C, and can only be moved by a pull on said trigger, as before described.

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

The firing-lever B and the trigger C, so pivoted to each other and to the breech-block A that a pull of said trigger withdraws spur K from the cartridge and opens the breech by depressing the breech-block A, substantially as described.

I. M. EARLE.

Witnesses:

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H. W. MORGAN.