(No Model.)

W. H. DAVENPORT.

BREECH LOADING FIRE ARM.

No. 251,099. Patented Dec. 20, 1881.

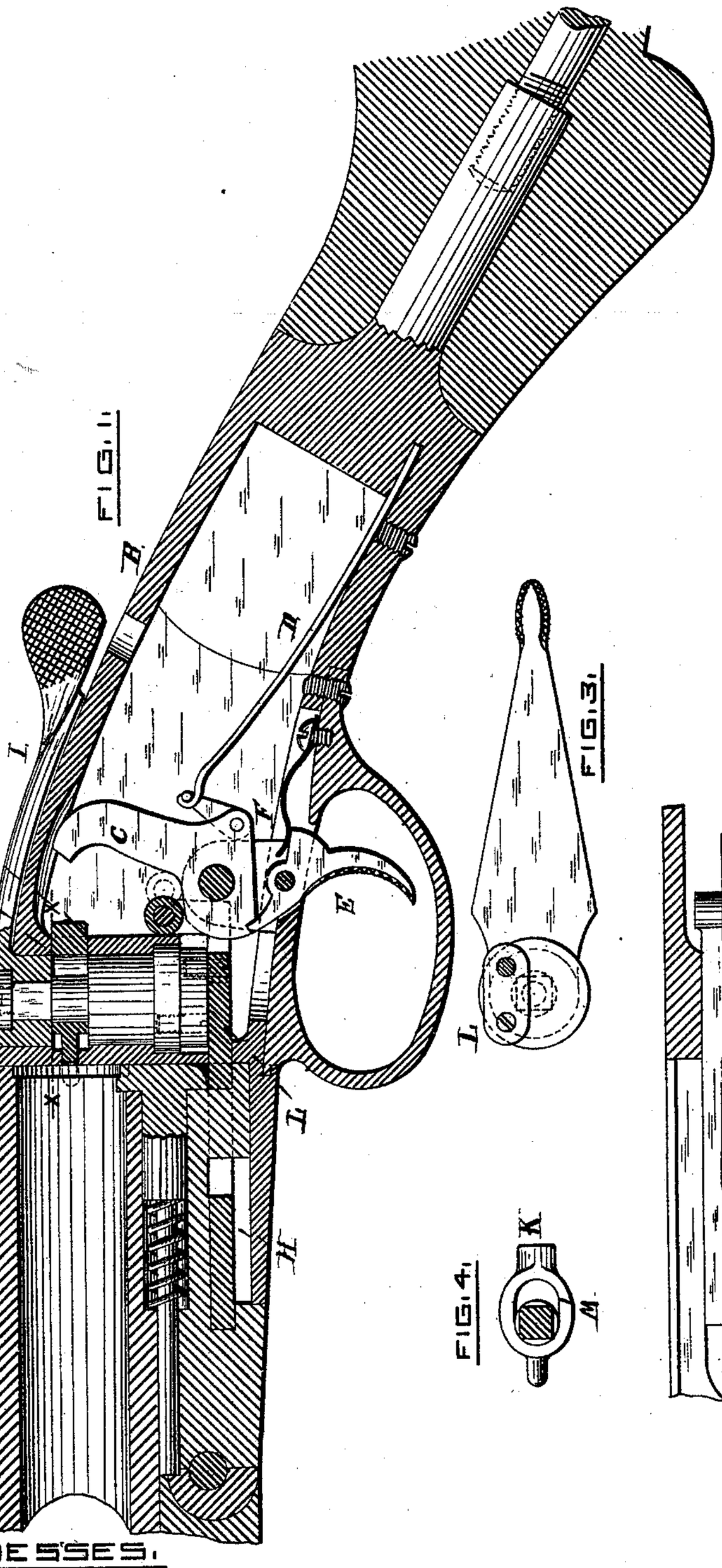

FIG. 1.

FIG. 3.

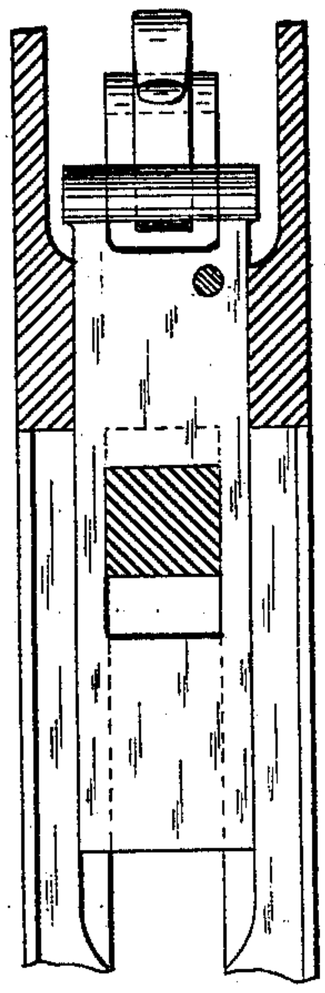

FIG. 2.

FIG. 4.

WITNESSES.

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UNITED STATES PATENT OFFICE.

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BREECH-LOADING FIRE-ARM.

SPECIFICATION forming part of Letters Patent No. 251,099, dated December 20, 1881.

Application filed October 24, 1881. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. DAVENPORT, of Providence, in the State of Rhode Island, have made certain new and useful Improvements in Breech-Loading Fire-Arms; and I do hereby declare that the following specification, taken in connection with the drawings making a part of the same, is a full, clear, and exact description thereof.

Figure 1 is a longitudinal vertical section, showing lock and firing mechanism. Fig. 2 is a top view, showing locking-bolt and hammer. Fig. 3 is a bottom view of the lever and hub. Fig. 4 is the firing-pin.

The object of my invention is to produce an improved means for withdrawing the locking-bolt and releasing the barrel after discharge, together with an independent horizontal firing-pin; and it consists in the construction and arrangement of the top snap and hub and the firing-pin, link, and bolt, as hereinafter described.

In the drawings, A is the barrel; B, the breech-piece; C, the hammer; D, the main-spring; E, the trigger; F, the trigger-spring; H, the locking-bolt; I, the top lever or snap; J, the hub of the same; K, the firing pin, and L a link connecting the hub J and the locking-bolt H.

In my invention the top snap, I, is attached to a vertical hub, J, which is connected with the locking-bolt H by a link, L, one end of the latter being attached to the hub and the other to the locking-bolt. The firing-pin K is constructed with a slot, M. The upper part of the hub J is of smaller diameter than the lower part, and permits the firing-pin K to slip over it and rest upon the shoulder N, the slot M being large enough to allow a sufficient play to discharge the piece. Supposing the piece to have just been discharged, the operation of my invention is as follows: The top snap, I, is first pushed to the right, which turns the hub J, which operates upon the locking-bolt H through the link L, withdraws it, allows the barrel to be tipped to receive a new cartridge, and at the same time cocks the piece, as has already been described in another application for Letters Patent. The arrangement of the link L, as described, effects the withdrawal of the bolt with a peculiarly slight lateral movement of the top snap, I, and a consequent slight rotation of the hub J. The new cartridge is now inserted and the barrel brought back to its former position and locked. The piece is now ready to be discharged, and upon pulling the trigger E the hammer C strikes the rear end of the firing-pin K and drives it forward, it being left free to move upon the shoulder upon which it rests, its forward movement being limited by the length of the slot, which is sufficient to allow the firing-pin to strike and explode the cartridge.

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

In a single-barrel breech-loading gun having a top lever, I, and hub J, a central firing-pin, K, constructed with a slot, M, and working around said hub, in combination with the hammer C, the whole arranged and operating in the manner substantially as described.

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Witnesses:

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