

D. B. WESSON.
Lock for Fire-Arms.

No. 202,388.

Patented April 16, 1878.

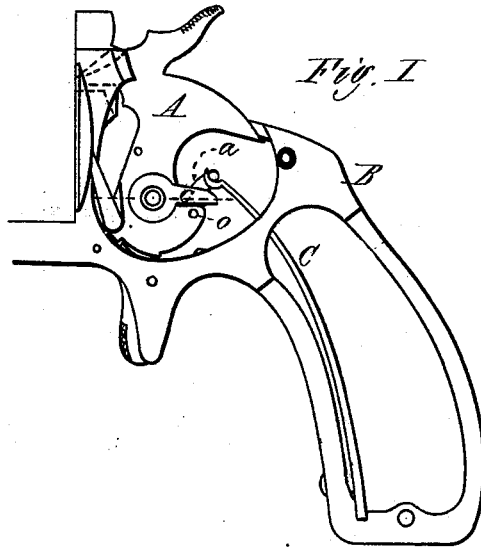


Fig. I

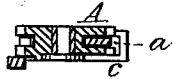


Fig. II

Witnesses—
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IMPROVEMENT IN LOCKS FOR FIRE-ARMS.

Specification forming part of Letters Patent No. **202,388**, dated April 16, 1878; application filed January 24, 1878.

To all whom it may concern:

Be it known that I, DANIEL B. WESSON, of Springfield, in the State of Massachusetts, have invented a new and useful Improvement in Gun-Locks; and that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, and to the letters of reference marked thereon.

My invention relates more particularly to the means for causing the hammer to rebound after being let forward to explode the cartridge; and to this end my invention consists of an intermediate link or piece, attached either to the tumbler or to the pivot upon which it moves, said piece extending around to the rear of the stirrup, the latter being suspended at the upper end in the loop of the mainspring, and at the lower end pivoted to the rear side of the tumbler, all which will be more fully hereinafter described.

Figure I is a side view of a revolving fire-arm lock-frame containing my invention, and Fig. II is a horizontal section of the hammer and link or intermediate piece.

In the drawings, B represents the lock-frame of a revolving fire-arm; A, the hammer; C, the mainspring, and *a* the stirrup, suspended at its upper end in the loop of the mainspring C, and at its lower end pivoted at *o* in the recess *n*, made in the rear edge of the tumbler A, which, in this case, is made in one solid piece with the hammer.

A link or intermediate piece, *c*, connected either with the tumbler or with the pivot upon which the tumbler moves, extends around in the rear of the stirrup, so that when the hammer is let down to explode the cartridge, when the hammer reaches the point to which

it is to rebound, the rear edge of the stirrup strikes against the link behind it, and the stirrup then moves with the tumbler, its upper end riding partially out of the loop, and back again as the tumbler goes back to the position of rebound.

This link *c* may be attached to the tumbler or to its pivot in various ways; but it may be a more compact arrangement to make a recess in the side of the tumbler and fit the link into it, and if the link extend forward to the central part of the tumbler, with a hole through it to insert the hammer-pivot, it will be much stronger.

By this arrangement no extra space in the frame will be required, and the tumbler and link together will occupy no more space in the width of the frame than the tumbler would occupy alone.

In the lock-frames of fire-arms in which extra space is given in excess of the thickness of the tumbler, no recess will be required in the side of the tumbler, as the link *c* may extend along the side of the tumbler, and hook over or around the tumbler-pivot, and extend also around in rear of the stirrup.

Having thus described my invention, what I claim as new is—

The combination of the stirrup, the tumbler, and an intermediate piece or link attached to the tumbler or its pivot, and extending around to the rear side, so that the stirrup may have a bearing against said intermediate piece or link, substantially as and for the purpose described.

DANIEL B. WESSON.

Witnesses:

T. A. CURTIS,
C. E. BUCKLAND.