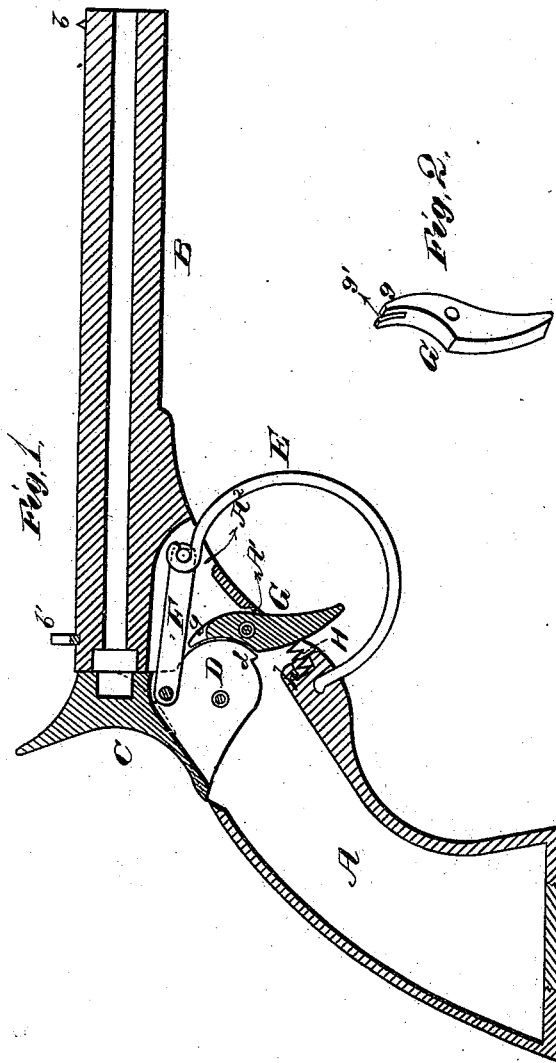


B. HAVILAND & G. P. GUNN.

LOCKS FOR PISTOLS, &c.

No. 187,135.

Patented Feb. 6, 1877.



WITNESSES
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BENJAMIN HAVILAND AND GEORGE P. GUNN, OF ILION, NEW YORK.

IMPROVEMENT IN LOCKS FOR PISTOLS, &c.

Specification forming part of Letters Patent No. 187,135, dated February 6, 1877; application filed December 9, 1876.

To all whom it may concern:

Be it known that we, BENJAMIN HAVILAND and GEORGE P. GUNN, of Ilion, in the county of Herkimer and State of New York, have invented a new and valuable Improvement in Pistols; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a central vertical section of our pistol, and Fig. 2 is a perspective view of the trigger.

This invention relates to improvements in pistols; and consists in certain improvements therein, as will be hereinafter more fully set forth.

A designates the stock of a pistol, and B the barrel, provided with front sight *b* and rear sight *b'*. C designates a hammer, made in one piece with, or rigidly attached to, a tumbler, D, having a cock-notch, *d*, said tumbler being pivoted within the hollow of stock A. E designates a trigger-guard, made of spring metal, secured at one end to the under side of stock A, and at the other end to a link-bar, F, whereby it is linked to tumbler D, near the line of attachment of hammer C, and at the front of said tumbler. G designates a trigger, protected by guard E, and pivoted in front of and below tumbler D, in the usual manner. The upper end of said trigger is provided with a curved dog or catch, *g*, which engages with notch *d* on tumbler D, so as to hold hammer C at full-cock when the latter is drawn upward. H designates a spiral replacing-spring, which sits within a cup or socket, *h*, of stock A, and bears against the rear side of the lower end of trigger G. When said trigger is pressed upon by the finger, in

the usual way, tumbler D is freed from dog *g*, and guard E, acting as a mainspring, operates to throw said hammer C forward, exploding the cartridge. Stock A and barrel B are, preferably, constructed in one piece, of metal, and perforated from the hollow of the stock outward on the under side at $A^1 A^2$, to allow the play of spring-guard E and trigger G.

In order to enable the operating parts to be placed in the smallest possible space, the dog or catch *g* of trigger G is recessed in the middle part of its end at *g'*, as shown in detail in Fig. 2, whereby the greater part of the operating mechanism lies within the hollow stock, and is protected from injury thereby.

In cocking, and while hammer C is cocked, link-bar F sets into said recess *g'*, without interfering with the action of trigger G. This recess may, however, be omitted, if desired.

We are aware that a cock and tumbler made in one piece, and connected by a link-bar with a trigger-guard, which acts as a mainspring, has heretofore been employed; and we, therefore, lay no claim to such particular arrangement of parts.

What we claim as new, and desire to secure by Letters Patent, is—

In combination with the trigger G, provided with the dog *g*, having the recess *g'*, the tumbler D, and hammer C, made in one piece, link-bar F, and spring trigger-guard E, substantially as described, and for the purpose set forth.

In testimony that we claim the above we have hereunto subscribed our names in the presence of two witnesses.

BENJAMIN HAVILAND.
GEORGE PECK GUNN.

Witnesses:

EDWIN A. HARRIS,
BYRON H. OUTNATE.