J. O. SCOTT.

Gun-Lock.

No. 168,188. Patented Sept. 28, 1875.

Fig. 1.

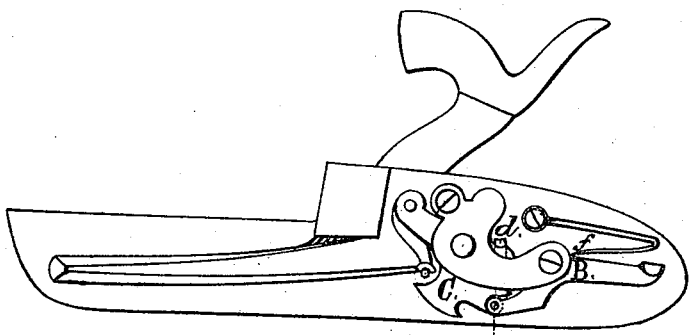


Fig. 2.

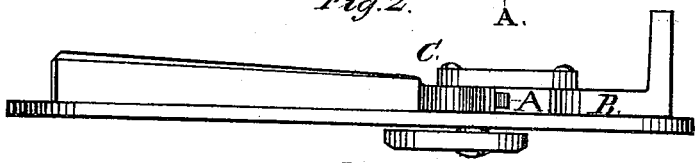
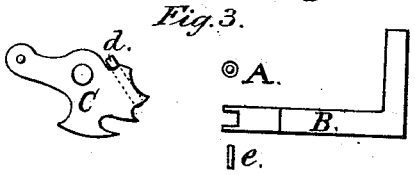


Fig. 3.



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UNITED STATES PATENT OFFICE.

JOHN O. SCOTT, OF WAUPACA, WISCONSIN.

IMPROVEMENT IN GUN-LOCKS.

Specification forming part of Letters Patent No. **168,188**, dated September 28, 1875; application filed May 26, 1875.

To all whom it may concern:

Be it known that I, JOHN O. SCOTT, of the city of Waupaca, Waupaca county, State of Wisconsin, have invented an Improvement in Gun-Locks and Set-Triggers, of which the following is a specification:

The object of my invention is an improvement on set-triggers and gun-locks, for the purpose of reducing friction, securing strength, and of avoiding the necessity of pressing the trigger forward, as in common set-triggers. By my improvements these requisites are attained.

By the employment of the roller A, secured in the slotted point of the sear B, as illustrated in plain view, Fig. 1, and more fully set forth in detail in Fig. 3, (A being the roller, B the sear, the point of which is slotted to receive the roller A, *e* the roller-pin to hold it in place, C the tumbler, in which suitably-curved notches are formed to receive the roller and hold it when the lock is set at half or full cock;) the point of set-screw *d*, in tumbler C, impinges on roller A, in such manner that by turning the screw to or from the notch the roller A, in connection with the sear B, is forced into the notch by sear-spring *f*, thus setting the lock so that it may be sprung by as light a touch on the trigger (when the lock is mounted in the gun) as may be desired by the operator; hence, entirely removing the necessity of employing extra springs and plates; also, of pressing the trigger, anteriorly, as is done in the ordinary set-trigger.

In the construction of what is commonly known as the French roller set-trigger the roller is secured to the end of a slotted spring, which, in turn, is fastened to the trigger-plate. The trigger has a point on its upper surface, which impinges on the lower side of the roller, and, by forward pressure, the trigger is said to be set.

This device has no connection with the lock itself, but forms a separate and distinct arrangement.

I claim as my invention—

In a gun-lock, the combination of a sear, provided with a friction-roller, a tumbler, provided with notches, such as shown, and a set-screw, the combination being and operating substantially as shown and described.

JOHN O. SCOTT.

Witnesses:
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