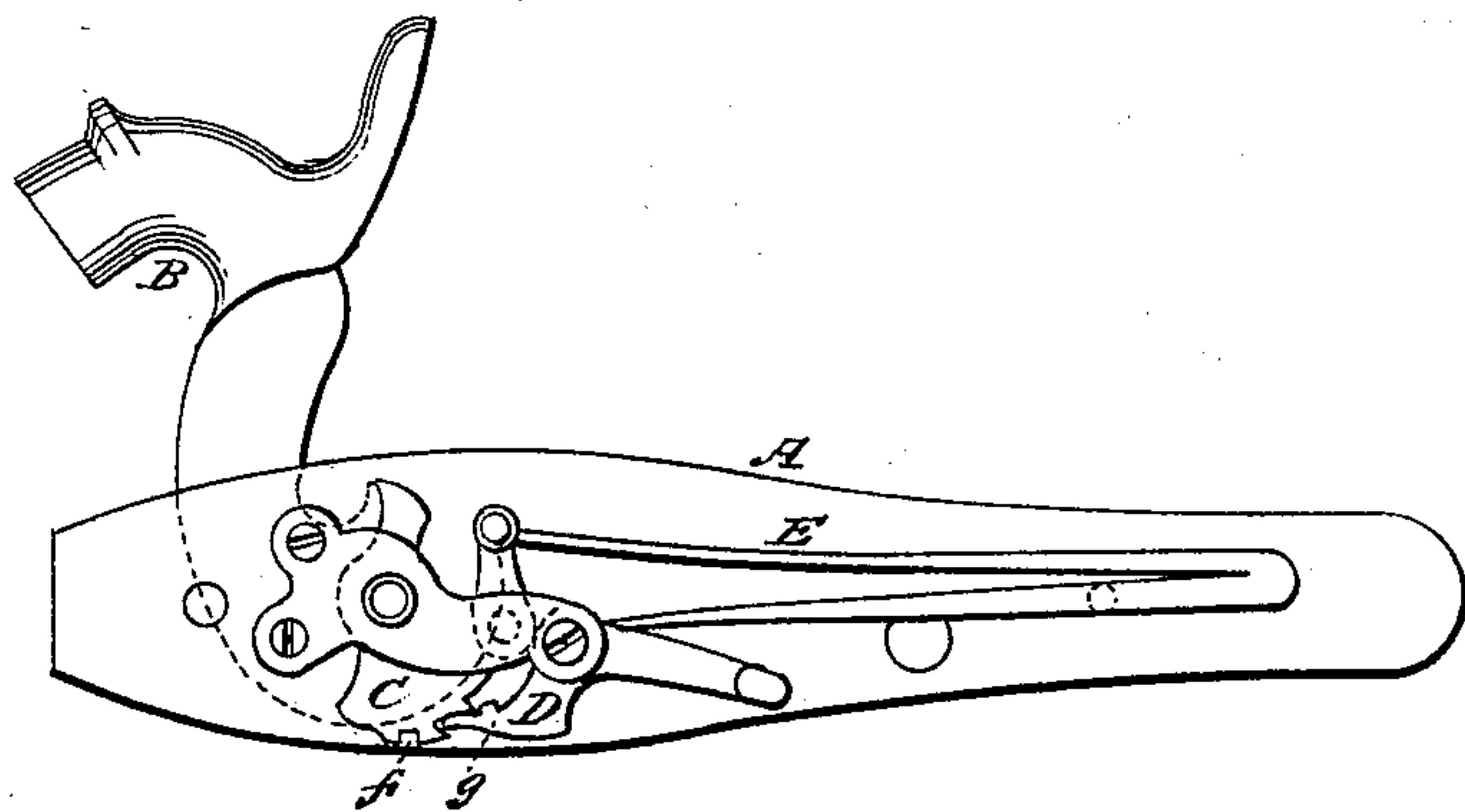


N. C. LOCK.

Gun Lock.

No. 98,781.

Patented Jan. 11, 1870.



WITNESSES:
Wm F Brooks
Edgar Tate

INVENTOR:
N C Lock
PER *Wm B*
Attorneys.

United States Patent Office.

N. C. LOCK, OF SALEM, MASSACHUSETTS.

Letters Patent No. 98,781, dated January 11, 1870.

IMPROVEMENT IN GUN-LOCKS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, N. C. LOCK, of Salem, in the county of Essex, and State of Massachusetts, have invented a new and useful Improvement in Gun-Locks; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

This invention relates to a new and useful improvement in locks for fire-arms, whereby the arms are made safer to carry and to handle than with the ordinary lock; and

The invention consists in the construction of the tumbler and dog of the lock, as hereinafter described.

The accompanying drawing represents the inside of a gun-lock constructed according to my invention.

Similar letters of reference indicate corresponding parts.

A is the plate to which the operating parts of the lock are attached.

B represents the hammer.

C is the tumbler.

D is the dog.

E is the spring.

In ordinary gun-locks there is constant liability to accident, from the fact that there is no provision to prevent a premature discharge by the accidental raising of the hammer, or against an accidental blow on the hammer, when the hammer is left down or in contact with the percussion cap. An accidental blow on the hammer often explodes the cap and discharges the gun, thereby endangering life and limb.

It has been my study to provide a remedy for this great defect in gun-locks. To secure this object, I

form a notch, *f*, in the tumbler, and a lip, or catch, *g*, on the dog, to correspond with the notch. When the gun is discharged, the lip or catch *g*, and the notch *f*, engage with each other, and hold the tumbler and the hammer firmly in position, so that nothing but direct pressure on the trigger can affect the hammer.

The lip or catch *g* holds both ways, so that the hammer can neither be pressed down nor raised up.

The adjustment may be such that the hammer is raised a little from the cap, which affords greater security than when it is left in contact with the cap, and this latter adjustment is what I intend to adopt, but do not intend to confine myself exclusively thereto. The peculiar form of the tumbler is seen in the drawing, and requires no particular description.

By my arrangement, the fire-arm may be carried and handled when loaded, without the least danger from premature explosion. To cock the piece, or move the hammer, it is absolutely necessary to draw upon the trigger.

That fruitful source of accidents and frequent cause of death, the premature or accidental discharge of the gun, will be but seldom alluded to, if my improvement is adopted.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

The notch *f*, and the lip or catch *g*, in combination with the tumbler and dog of a gun-lock, substantially as and for the purposes described.

N. C. LOCK.

Witnesses:

JOHN GENTTA,

FRANCIS W. BROWN.