



A.D. 1867, 9th FEBRUARY. N^o 367.

S P E C I F I C A T I O N

OF

JOHN STANTON.

SELF-ACTING SAFETY GUN LOCK.

LONDON:

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1867.



A.D. 1867, 9th FEBRUARY. N° 367.

Self-acting Safety Gun Lock.

LETTERS PATENT to John Stanton, Gun Lock Manufacturer, of 13, Clifton St., Wolverhampton, in the County of Stafford, for the Invention of "AN IMPROVED SELF-ACTING SAFETY GUN LOCK."

Sealed the 16th July 1867, and dated the 9th February 1867.

PROVISIONAL SPECIFICATION left by the said John Stanton at the Office of the Commissioners of Patents, with his Petition, on the 9th February 1867.

I, JOHN STANTON, Gun Lock Manufacturer, of No. 13, Clifton St.,
5 Wolverhampton, in the County of Stafford, do hereby declare the nature of the said Invention for "AN IMPROVED SELF-ACTING SAFETY GUN LOCK," to be as follows:—

This Invention has for its object the throwing back the cock or hammer of breech-loading gun locks, rifle, military or sporting gun locks, and pistol
10 locks for both single and double barrelled guns, rifles, and pistols by a mechanical arrangement and self-action into the position of half-cock, thereby saving one movement in firing, and is particularly applicable to the needle rifle, as the needle is always free as soon as the rifle is fired. This I accomplish by a modification of the mainspring, which I lengthen a little at
15 the stand side so as to reach and bear against the tumbler. I also lengthen the lever of the tumbler so as to meet the lengthened end of the stand side of

Stanton's Improved Self-acting Safety Gun Lock.

the mainspring; by this arrangement I apply the mainspring to work both ways. In order to make the cock and mainspring work with perfect ease I place a roller at the end of the stand side of the mainspring; also I fix a roller on the lever of the tumbler, either one or both being applied, and thus by the pressure of the mainspring the cock is thrown back to half-cock by a self-action instantly upon firing the gun.

Fig. 1, annexed Drawings, shows the military lock at half-cock, the cock being repelled and placed at half-cock by the lengthened parts (*a*, *b*).

Fig. 2 shows the sporting lock at half-cock, the cock being repelled and placed at half-cock by the lengthened parts as described heretofore (*a*, *b*). 10

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed by the said John Stanton in the Great Seal Patent Office on the 26th July 1867.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, JOHN STANTON, of No. 13, Clifton St^r., Wolverhampton, in the County of Stafford, 15 Gun Lock Manufacturer, send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters Patent, bearing date the Ninth day of February, in the year of our Lord One thousand eight hundred and sixty-seven, in the thirty-first year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said 20 John Stanton, Her special licence that I, the said John Stanton, my executors, administrators, and assigns, or such others as I, the said John Stanton, my executors, administrators, and assigns, should at any time agree with, and no others, from time to time and at all times thereafter during the term herein expressed, should and lawfully might make, use, exercise, and 25 vend, within the United Kingdom of Great Britain and Ireland, the Channel Islands, and Isle of Man, an Invention for "**AN IMPROVED SELF-ACTING SAFETY GUN LOCK**," upon the condition (amongst others) that I, the said John Stanton, my executors or administrators, by an instrument in writing under my, or their, or one of their hands and seals, should particularly describe and 30 ascertain the nature of the said Invention, and in what manner the same was to be performed, and cause the same to be filed in the Great Seal Patent Office within six calendar months next and immediately after the date of the said Letters Patent.

NOW KNOW YE, that I, the said John Stanton, do hereby declare the 35 nature of my said Invention, and in what manner the same is to be per-

Stanton's Improved Self-acting Safety Gun Lock.

formed, to be particularly described and ascertained in and by the following statement thereof, that is to say :—

My Invention has for its object or purpose the throwing back the cock or hammer of all kinds or descriptions of gun and pistol locks, including both
5 breech and muzzle loaders of either the single or double barrel, whether rifle or otherwise, and is particularly applicable to needle guns, as the cock or hammer is at all times free from bearing after percussion, which is desired, also is a complete prevention of accident so incidental to all kinds of fire-arms fitted with the ordinary locks, and my improved gun lock possesses the
10 advantage or saving of one movement in firing; this I accomplish in a simple and efficient manner by a modification of the mainspring only, which I lengthen a little at the stand or stood side so as to reach towards and bear against the tumbler. By this arrangement I apply the mainspring to work both ways at pleasure, the stand or stood side causing the cock or hammer to
15 recede to half-cock instantaneously after firing, and is thereby self-acting. The lengthened end of the stand or stood side of the mainspring, and also the lever or arm of the tumbler, may each or both, if desired, have a small roller placed in one or both to assist the action.

Having explained the nature of my Invention I will proceed to describe,
20 with reference to the accompanying Drawings, the manner in which the same is to be performed.

Figure 1 represents the military lock at half-cock, the cock being repelled and placed at half-cock by the lengthened side or end of the mainspring (a, b).

25 Figure 2 represents the sporting bar or detached gun or rifle lock at half-cock (a, b).

Figure 3 represents the back action gun or rifle lock at half-cock (a, b). The same letters of reference indicate the same parts in each Figure of the Drawings. a, b, indicate the improved part of my safety self-acting gun lock,
30 that is, the stand or stood side of the mainspring lengthened so as to bear against the tumbler, which must produce the self-action required to cause the hammer or cock to recede to half-cock as desired.

Having now described the nature of my Invention, and the manner in which the same is to be performed, I wish it to be understood that I do not limit
35 myself to the precise details herein described and illustrated in the accompanying Drawings, as the same may be varied without departing from the nature of my Invention, but I claim as my Invention the improvements in all kinds of gun, rifle, and pistol locks, both bar and back action, single or double barrel, herein-before described and illustrated in the accompanying Drawings,

Stanton's Improved Self-acting Safety Gun Lock.

that is to say, the stand or stood side of the mainspring is lengthened so as to bear against the tumbler and cause the cock or hammer to recede to half-cock instantaneously on firing, substantially as described and illustrated.

In witness whereof, I, the said John Stanton, have hereunto set my hand and seal, this Seventeenth day of July, in the year of our Lord 5
One thousand eight hundred and sixty-seven.

JOHN STANTON. (L.S.)
Gun Lock Manufacturer.

Witness,

CHARLES PHILLIPS,
Tin Plate Worker,
Wolverhampton.

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