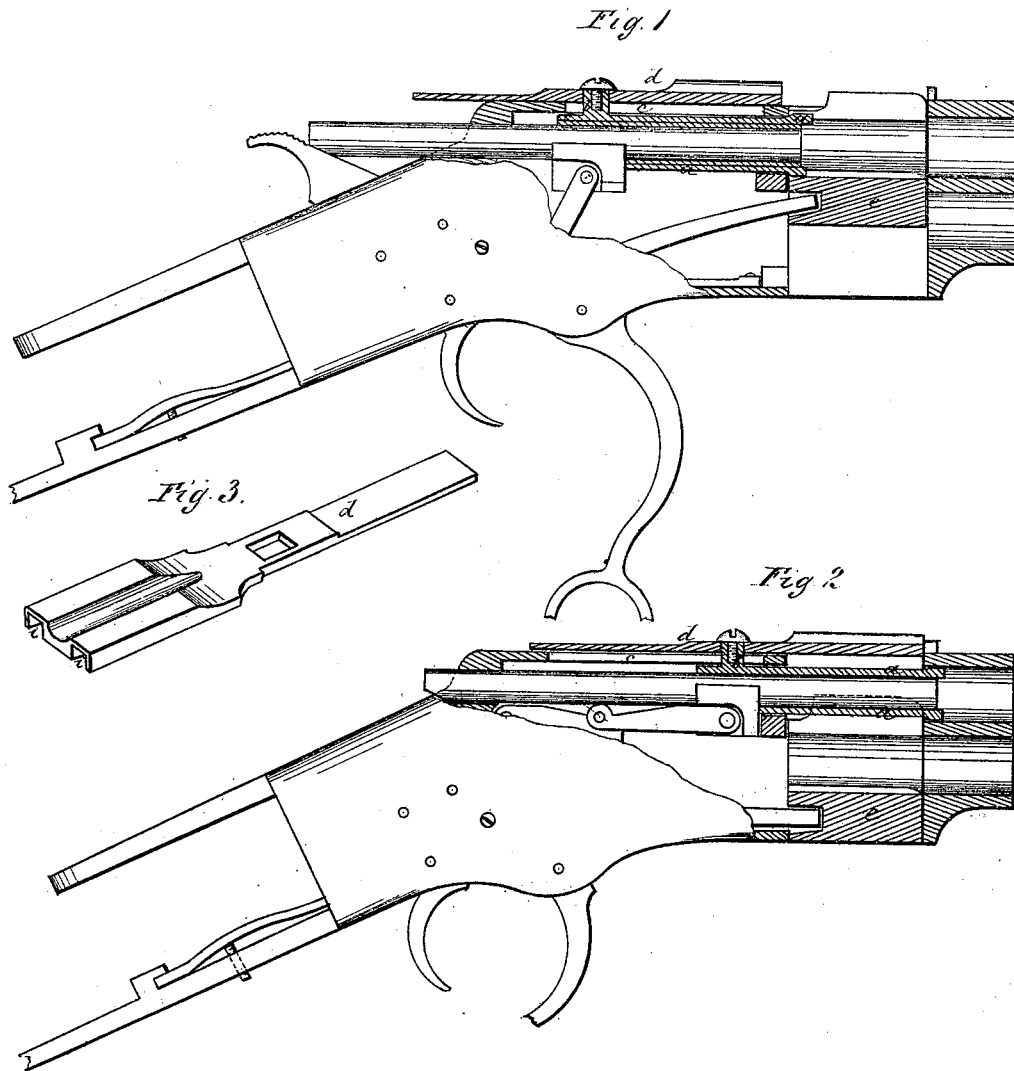


H. J. DREW.
Magazine Fire-Arm.

No. 112,564.

Patented March 14, 1871.



Witnesses:

H. J. Drew
C. A. Drew

Inventor:

Henry J. Drew

Attorneys.

Scale 8 inches to 1 foot.

UNITED STATES PATENT OFFICE.

HENRY J. DREW, OF DIXON, ILLINOIS.

IMPROVEMENT IN REPEATING FIRE-ARMS.

Specification forming part of Letters Patent No. **112,564**, dated March 14, 1871.

To all whom it may concern:

Be it known that I, HENRY J. DREW, of Dixon, in the county of Lee and State of Illinois, have invented a new and useful Improvement in Repeating Fire-Arms; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing, making a part of this specification, in which—

Figures 1 and 2 are different sectional elevations of the mechanism of a Winchester rifle and of my improvement, showing the connection of the latter with the former; and Fig. 3 is a perspective view of the sliding cover.

My invention pertains to improvement in the arrangement and method of securing sliding covers for the breech-pin or cavity of breech-loading fire-arms.

My cover is designed for special application to what is known as the "Winchester rifle;" and consists in a perforated spring-plate arranged to slide on the flat upper side of the breech-piece, and secured to the tubular block forming part of the breech-pin, as hereinafter more fully described.

Referring to the drawing, *a* is the sliding breech-pin of a Winchester rifle, which, with its coactive mechanism, it is unnecessary here to describe. *b* is a block, which forms a part of and projects upward from the breech-pin into a slot, *c*, made lengthwise of the upper side of the breech. *d* is a sliding cover, in which is an orifice, through which, when the cover is applied to the block *b*, the latter ex-

tends, the cover being fastened to the block by a screw running into the latter. By this or other suitable means the cover *d* is connected with the breech-pin and moves backward and forward with the latter, the cover extending nearly as far forward as the pin, so as to close the chamber in which the cartridge-bearer *e* is located when the pin is in position proper for discharging the piece.

When the pin is moved backward by throwing the trigger-guard downward, the cover moves backward with it.

The cartridge-bearer is elevated by the same motion of the trigger-guard so far that the two sides of the former extend above the top of the breech, and the cartridge-bearer remains in this position during nearly the whole of the forward movement of the pin and cover. The latter is therefore formed with grooves *f* in its under side, which grooves ride over the sides of the cartridge-bearer as the cover traverses forward.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The grooved cover *d*, arranged to slide on the flat upper surface of the breech-piece, in combination with the projection *b*, formed in one piece with the recoil-block of the breech or firing pin, as set forth.

HENRY J. DREW.

Witnesses:

GEORGE L. HOWELL,
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