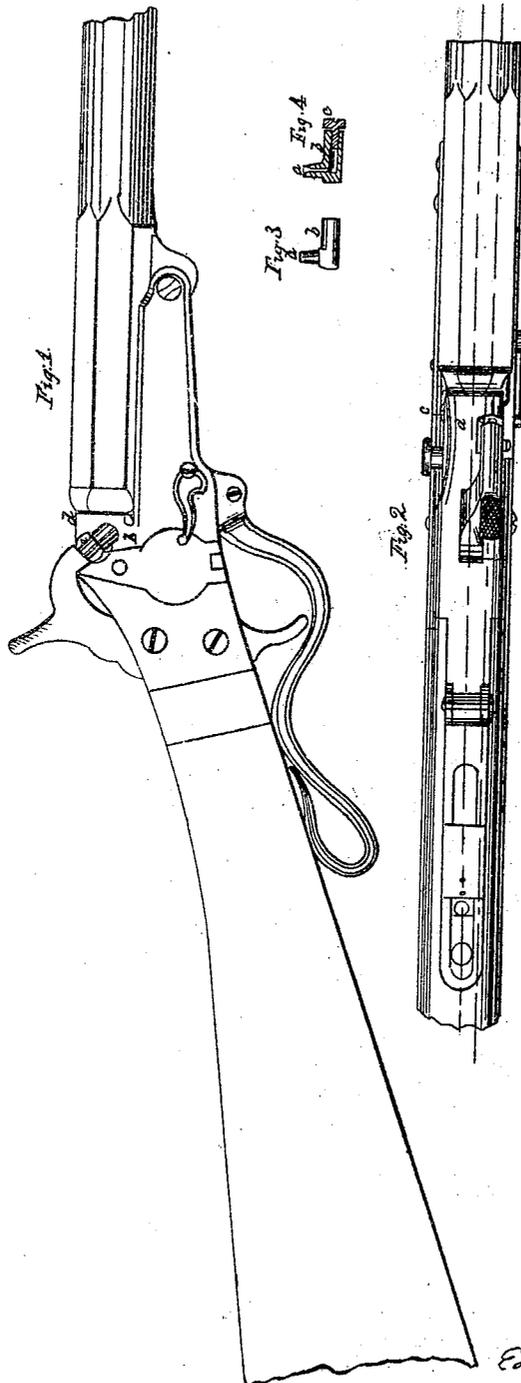


E. MAYNARD.
Nipple for Fire-Arms.

No 25,664

Patented Oct. 4, 1859.



Witnesses

J. C. Robinson
Edw. P. Brown

Inventor

Edward Maynard

UNITED STATES PATENT OFFICE.

EDWARD MAYNARD, OF WASHINGTON CITY, DISTRICT OF COLUMBIA.

IMPROVEMENT IN THE NIPPLES OF FIRE-ARMS.

Specification forming part of Letters Patent No. 25,664, dated October 4, 1859.

To all whom it may concern:

Be it known that I, EDWARD MAYNARD, of the city of Washington, in the District of Columbia, have invented a new and useful Improvement in Fire-Arms; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making apart of this specification.

Figure 1 is a side view, and Fig. 2 a top view, of the breech portion of a fire-arm which embodies the above-mentioned improvement; and Fig. 3 is a side view, and Fig. 4 a section, of my said improvement detached from a fire-arm.

The particular improvement in fire-arms which I now desire to secure by Letters Patent consists in constructing the nipple *a* in one piece with the closed end of a tube, *b*, whose open end has screw-threads formed within it, by which I am enabled to insert the said tubular nipple-seat into a transverse perforation in the abutment *d* of the breech-piece of a fire-arm, and retain it in that position by means of a nick-headed screw, *c*, which is inserted into the left-hand end of said perforation and takes into the threads in the open end of the said tubular nipple-seat, as represented in the drawings. This improved man-

ner of combining the cap-nipple with the breech-piece of a fire-arm enables a nipple to be tightened in its position by the aid of no other instrument than a pocket-knife or a piece of small coin, and the same simple article (one of which is almost always to be found in every man's pocket) enables a damaged nipple to be readily removed from its position and a perfect one to be inserted in its place.

What I claim as my invention, and desire to secure by Letters Patent, is—

The permanent union of a cap-nipple, *a*, with the closed end of a tube, *b*, whose open end has screw-threads formed within it, by which I am enabled to combine the said nipple and its tubular seat with the abutment *d* of the breech-piece of a fire-arm by means of a transverse perforation in said abutment for the reception of the tubular nipple seat, and a nick-headed screw, *c*, inserted into the left-hand end of said perforation and working into the screw-threads in the open end of said tubular nipple-seat, substantially as herein set forth.

EDWARD MAYNARD.

Witnesses:

EDM. F. BROWN.

Z. C. ROBBINS.