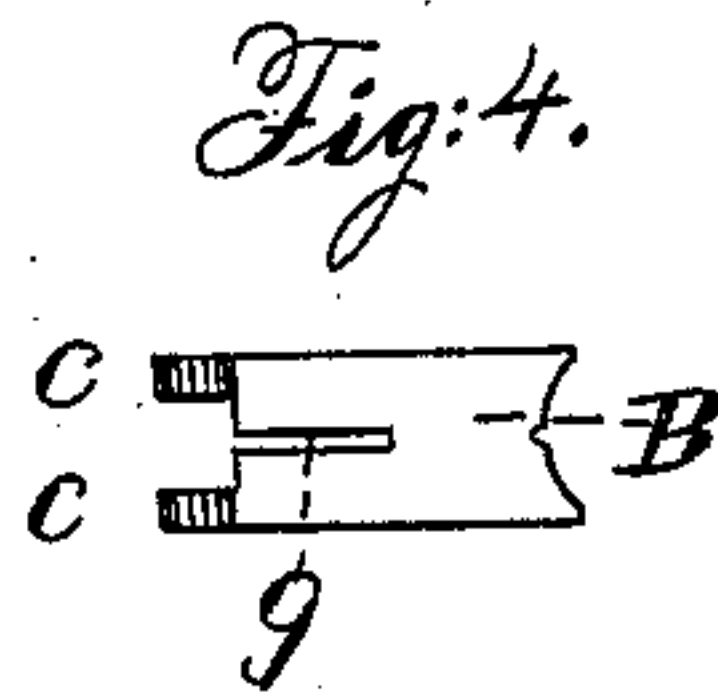
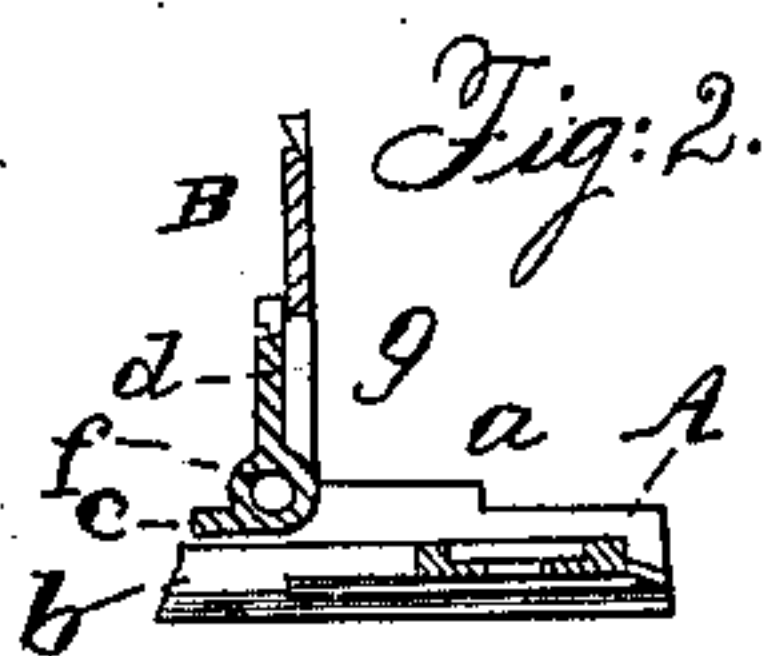
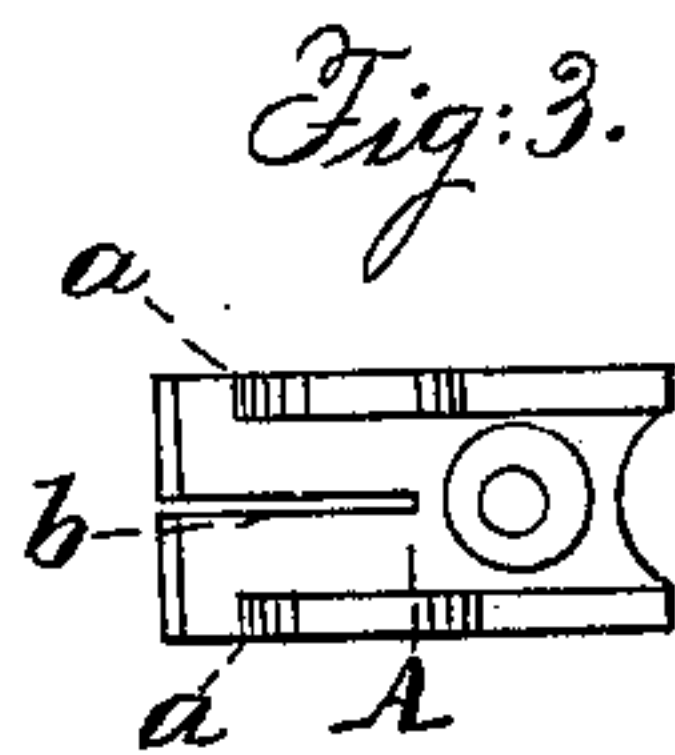
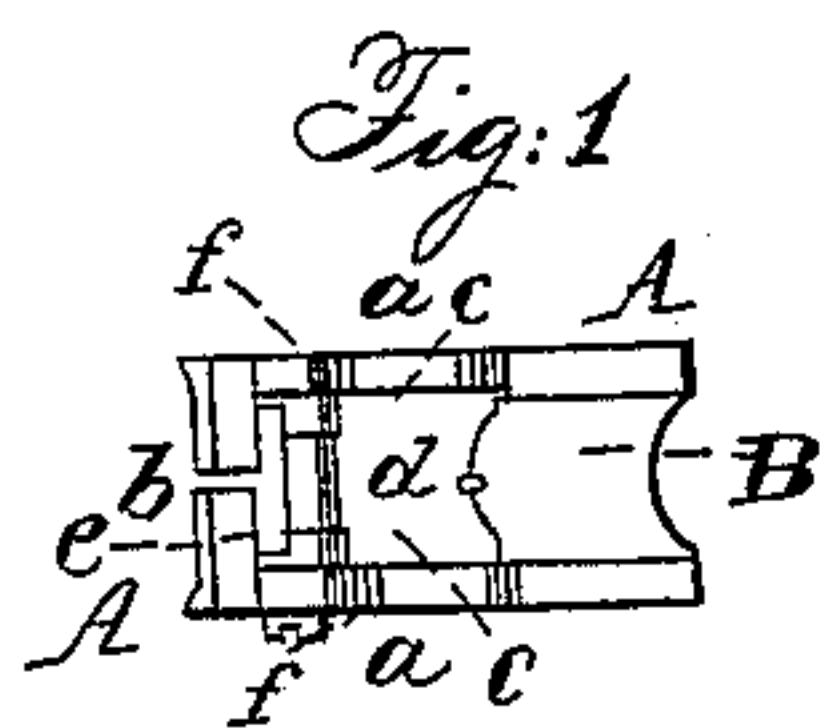


J. WARNER.
Sight for Fire-Arms.

No 37,782

Patented Feb. 24, 1863.



Witnesses.
J. W. Coombs
M. W. Simpson

Inventor.
James Warner

UNITED STATES PATENT OFFICE.

JAMES WARNER, OF SPRINGFIELD, MASSACHUSETTS.

IMPROVEMENT IN SIGHTS FOR FIRE-ARMS.

Specification forming part of Letters Patent No. 37,782, dated February 24, 1863.

To all whom it may concern:

Be it known that I, JAMES WARNER, of Springfield, in the county of Hampden and State of Massachusetts, have invented a new and useful Improvement in Three-Leaved Sights for Fire-Arms; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a plan of a three-leaved sight constructed according to my invention. Fig. 2 is a vertical section of the same. Fig. 3 is a plan of the base of the sight. Fig. 4 is a plan of the leaf.

Similar letters of reference indicate corresponding parts in the several figures.

The object of my invention is to provide for the convenient adjustment of the joint of the sight and the tightening of the same after it has become loose by wear; and to this end it consists in slitting the base and one of the leaves of the sight in such a manner, and so applying the joint-pin in combination with them, that the several parts of the joint can all be tightened up simultaneously and uniformly by screwing up the said pin.

To enable others skilled in the art to make and use my invention, I will proceed to describe it with reference to the drawings.

A is the base of the sight, made with cheeks *a a* to form the outer portions of the joint, and otherwise constructed in the usual manner, except that it has a narrow slit, *b*, cut centrally and longitudinally from its front end about half-way to its rear.

B is the longest or back leaf of the sight, made in the usual manner with legs *c c* to form portions of the joint and fitted between the cheeks *a a* of the base. This leaf has a narrow slit, *g*, cut in it from its lower or front end, which is next the joint. About half-way to the opposite end, *de* is an angle-piece, constituting the shortest and middle leaves of the sight, constructed and fitted between the lugs *c c* of the longest leaf in the usual manner.

f is the joint-pin, screwed at its end, passing through one of the cheeks *a a*, through the lugs *c c*, and the elbow of the angle-piece *de*, and screwing into a tapped hole in the other cheek. By screwing up this pin the cheeks *a a* are tightened upon the lugs *c c*, and the said lugs tightened upon the piece *de*, and thus the whole joint is tightened to prevent the leaves from working with more than a desirable degree of freedom, the slits *b* and *g* permitting such action of the pin by providing for the adjustment of the cheeks and lugs.

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

The combination of the screwed-joint pin, the slit *b* in the base A, and the slit *g* in the leaf B, substantially as herein described, whereby the screwing up of the pin is caused to tighten all parts of the joint.

JAMES WARNER.

Witnesses:

WM. L. SMITH,
WILLIAM STOWE.