

S. W. JOHNSON.
 Extension-Stock for Pistols, &c.

No. 202,946.

Patented April 30, 1878.

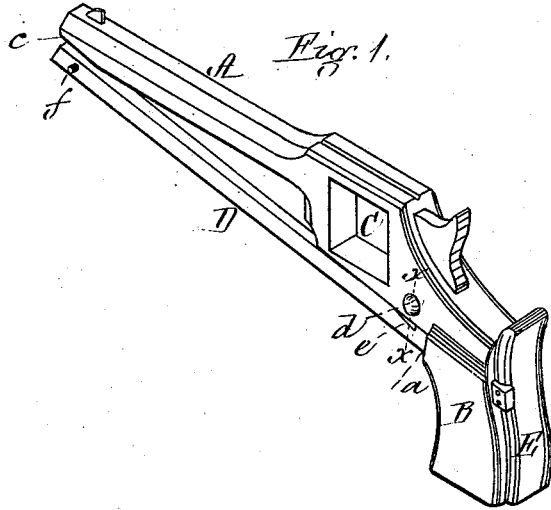


Fig. 2.

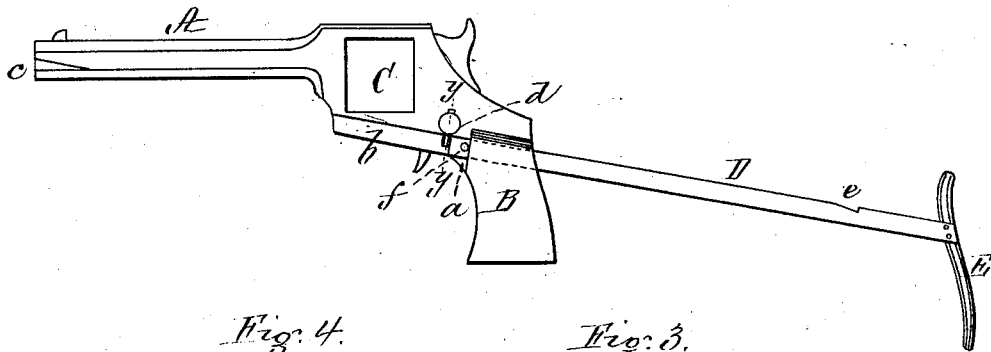


Fig. 4.

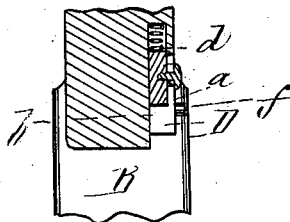
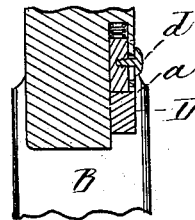


Fig. 3.



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UNITED STATES PATENT OFFICE.

SAMUEL W. JOHNSON, OF WEST MEDFORD, ASSIGNOR TO HIMSELF AND CHARLES L. HOLBROOK, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN EXTENSION-STOCKS FOR PISTOLS, &c.

Specification forming part of Letters Patent No. **202,946**, dated April 30, 1878; application filed April 4, 1878.

To all whom it may concern:

Be it known that I, SAMUEL W. JOHNSON, of West Medford, in the county of Middlesex and State of Massachusetts, have invented an Improvement in Extension-Stocks for Pistols, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of the stock and barrel of a pistol having my improvement applied thereto, and in a position it occupies when not required for use. Fig. 2 is a side elevation of the pistol, representing my improved extension-piece drawn out ready for use. Fig. 3 is a transverse section on the line *x x* of Fig. 1, enlarged. Fig. 4 is a transverse section on the line *y y* of Fig. 2, enlarged.

Pistols have heretofore been provided with an extension-stock to enable them to be fired from the shoulder in the same manner as a gun, and thereby increase their efficiency, as many persons cannot aim accurately with a pistol on account of the trembling of the hand. These extension-stocks have always been made separate and independent, and provided with a means of attaching them to the ordinary stock or handle when required for use; but this construction is objectionable, for the reason that the extension-stock, being separate, is inconvenient to carry, and, furthermore, as it requires considerable time to adjust and secure the extension-stock to the pistol, the opportunity for using it is often lost before it can be made ready.

To overcome the above-mentioned difficulties is the purpose of my present invention, which consists in an extension-stock made to slide through or upon the handle of the pistol, and provided with a butt-plate to adapt it to the shoulder, this extension-stock being capable of being instantly drawn out and secured in place by a spring-catch or other suitable fastening when required for use, the extension-stock being slid forward under the barrel when not in use, in which position it is securely held by the spring-catch or other fastening, the extension-stock, when slid in, occupying but little space, and being always at hand when required.

To enable others skilled in the art to un-

derstand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A is the barrel, B the stock or handle, and C the slot for the revolving chamber (not shown) of the pistol. Through the upper portion of the handle or stock B is formed a longitudinal rectangular aperture, *a*, for the reception of a rectangular bar or rod, D, which is made to slide therein, and is provided at its rear end with a butt or shoulder plate, E, of a form adapted to fit the shoulder.

The front of the frame of the pistol immediately under the slot C is cut away on one side, at *b*, in line with the aperture *a*, to allow of the bar D being slid forward under the barrel A, as seen in Fig. 1, in which position its front end rests in a notch, *c*, cut in the side of the barrel, the shoulder-plate E abutting against the rear end of the handle B. This plate may, however, if preferred, be made to fit snugly within a recess in the handle.

When the bar D is pushed in under the barrel it is held in place by a spring-catch, *d*, which enters a shallow recess, *e*, inclined on one side, to allow the bar to be drawn out without operating the catch by hand.

When required for use, the extension stock or bar D is drawn out by a single movement of the hand, until arrested by the contact of a stop-pin, *f*, with the front of the handle B, as seen in Fig. 2, in which position it is firmly held by the spring-catch *d*, which is thrown out automatically in front of it, when the pistol can be raised and the butt-plate E brought up against the shoulder in order to obtain a steady and correct aim, no loss of time being occasioned in adjusting the extension-stock, as heretofore, and consequently the liability of losing the opportunity of making a shot is thereby avoided.

The above-described extension-stock, when pushed in, does not render the pistol more clumsy, or cause it to occupy any more space, or prevent it from being used with facility in one hand, and, being permanently connected therewith, is always at hand, ready for immediate use.

The aperture *a*, for the passage of the slid-

ing bar D, may be located in any desired portion of the handle, or in a projection attached thereto; or, instead of passing through an aperture, the bar D may be made to slide in a groove in the bottom or side of the handle B, a set-screw or other suitable fastening being employed to hold the bar in place when in or out.

The bar D may be of circular or other form in cross-section; but I prefer the form shown and described.

My invention is well adapted for cavalry pistols, which can thus be fired from the shoulder, and consequently a heavier cartridge can be used.

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

1. A pistol provided with an extension-stock, D, made to slide through or upon its handle, and having a butt or shoulder plate, E, substantially as and for the purpose set forth.

2. A spring-catch, *d*, or other suitable fastening, in combination with the sliding extension-stock D, as and for the purpose described.

Witness my hand this 29th day of March, A. D. 1878.

SAMUEL W. JOHNSON.

In presence of—

N. W. STEARNS,

P. E. TESCHEMACHER.