

A. SHERMAN.
ADJUSTABLE GUN-STOCK.

No. 181,289.

Patented Aug. 22, 1876.

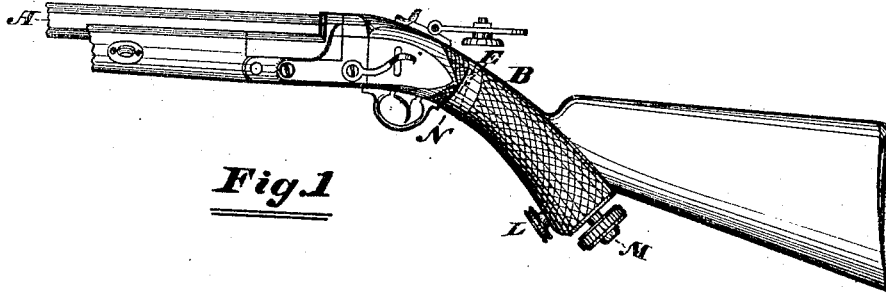


Fig. 1

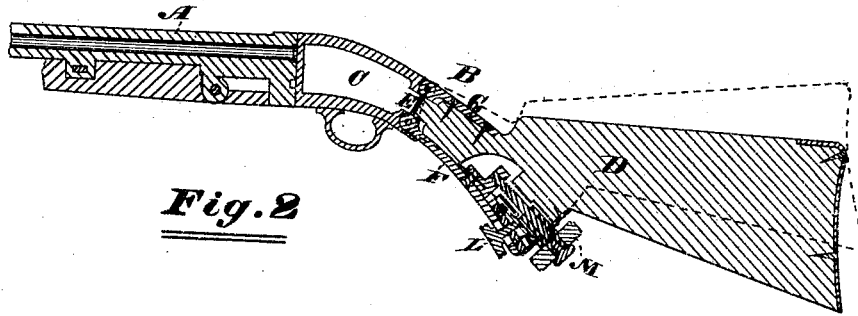


Fig. 2

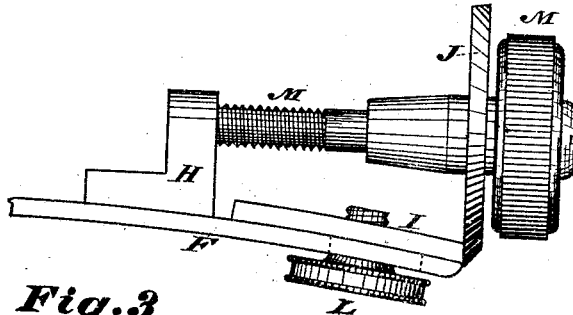


Fig. 3

Attest
W. S. Baker
L. M. Harris

Inventor
Abel Sherman
By Columbus H. Baker
Attorneys

UNITED STATES PATENT OFFICE.

ABEL SHERMAN, OF CROWN POINT, INDIANA.

IMPROVEMENT IN ADJUSTABLE GUN-STOCKS.

Specification forming part of Letters Patent No. 181,289, dated August 22, 1876; application filed June 19, 1876.

To all whom it may concern:

Be it known that I, ABEL SHERMAN, of Crown Point, in the county of Lake and State of Indiana, have invented a new and useful Improvement in Gun - Stocks, which is fully described in the following specification, reference being had to the accompanying drawings, in which—

Figure 1 represents a side elevation of my gun-stock; Fig. 2, a longitudinal vertical section; and Fig. 3, a side view of a portion of my improvement detached.

The object of my invention is to adjust the angle of the gun-stock relatively to the barrel, so that its angle to the gun-stock can be adjusted to adapt it to be used in different positions that may be desirable for the gunner to assume, and also to adapt it to the convenience of different persons who may want a gun-stock having a greater or less angle, according to their shape, or the habit of using gun-stocks having greater or less angle.

My invention consists of the joint and the devices for opening, closing, and holding it in any desired position, as hereinafter more fully described.

In the accompanying drawings, A represents a gun-barrel, which may be made of any of the known styles, either for long or short range, and either breech or muzzle-loading. The drawing, however, shows a breech-loading rifle adapted for long-range shooting.

B is the gun-stock, which is made in two pieces, C and D. The piece C is secured to the gun-barrel in any of the known ways, and the piece D is hinged to the piece C at E by two metallic strips, F and G. The top strip G is firmly secured to the piece D by screws, while the metallic strip F fits in a groove in the piece D, so that it slides therein, as hereinafter described. H is a lug attached to the plate F. The plates I and J are attached firmly to the piece D. L is a set-screw, which passes through a slot in the plate F, and screws into the plate I. The object of this set-screw is to hold the plate F in position in its groove. It also may be used to tighten it so as to hold the joint E open or closed, as hereinafter described.

M is a thumb-screw, which screws into the lug H, and slides the piece D on the plate F, and thereby turns it on the hinged piece G, while at the same time the plate F moves on its hinge at E, and remains in its groove in the piece D.

By turning the thumb-screw M in one direction, the piece D is thrown up into the position shown by the dotted lines in Fig. 2. It is thrown into that position by the piece D being slid on the plate F, and opening the joint at E, by raising the hinged piece G, to which the shoulder-piece D of the stock is firmly secured. By turning the thumb-screw M in the opposite direction, it brings it back into place by closing the joint at E. The plates F and G are both vibrated on their hinges, but the shoulder-piece of the stock, being firmly attached to the plate G, turns upon its hinge while it slides back and forth on the plates F. The plate F vibrates on its hinge, and remains in its groove and supports the shoulder-piece at any angle at which it is placed.

N is an annular plate attached to the piece C, and passes over the end of the shoulder-piece D, so as to cover the joint at E.

It will be observed that this plate may be attached to either the piece C or D, and would accomplish the result of covering the joint E, if allowed to slip loosely upon the piece to which it is not attached.

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

1. The gun-stock B, made of two pieces, and attached together by two hinged plates, F and G, one plate being firmly secured to both pieces of the stock, and the other made adjustable on one of the pieces thereof, substantially as specified.

2. The combination of the thumb-screw M, shoulder-piece D of the stock, and the hinged plate F, provided with a shoulder or lug, H, substantially as specified.

ABEL SHERMAN.

Witnesses:

L. A. BUNTING,
L. M. HARRIS.