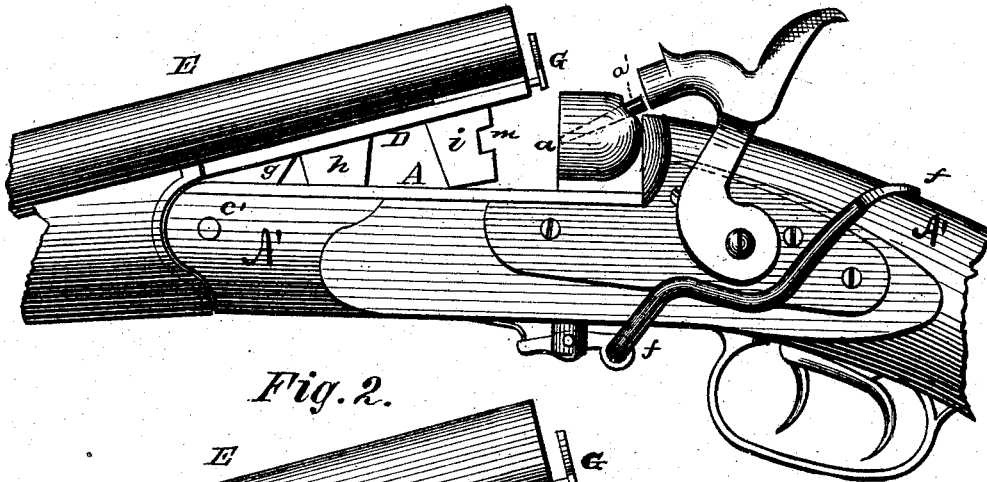


J. PEIGHTAL.  
Breech-Loading Fire-Arm.

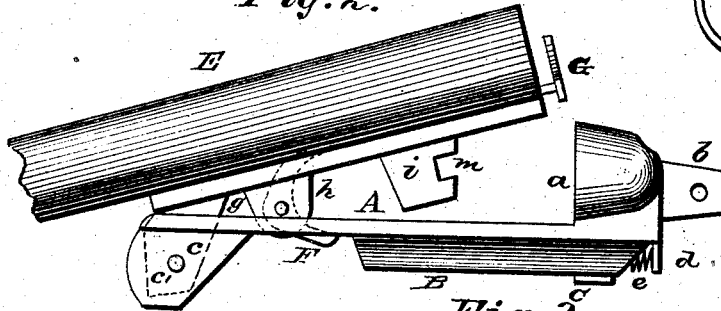
No. 220,655.

Patented Oct. 14, 1879.

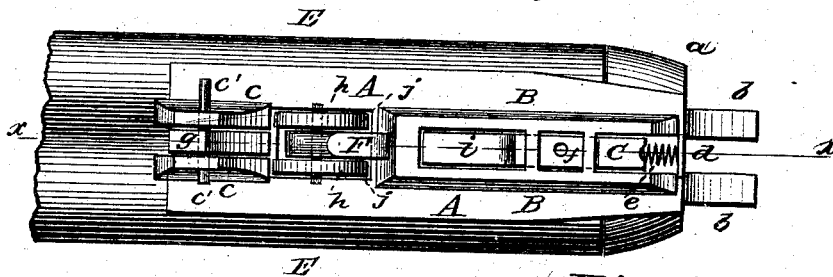
*Fig. 1.*



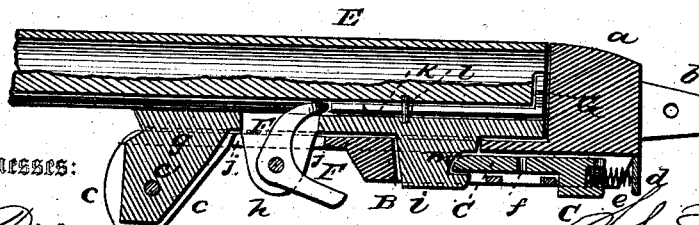
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



Witnesses:

*P. C. Dietrich.*  
*John A. Stockman.*

Inventor  
*John Peightal.*  
Per *C. H. Watson & Co.* Attorneys.

# UNITED STATES PATENT OFFICE.

JOHN PEIGHTAL, OF PHILIPSBURG, PENNSYLVANIA.

## IMPROVEMENT IN BREECH-LOADING FIRE-ARMS.

Specification forming part of Letters Patent No. **220,655**, dated October 14, 1879; application filed August 5, 1879.

*To all whom it may concern:*

Be it known that I, JOHN PEIGHTAL, of Philipsburg, in the county of Centre and State of Pennsylvania, have invented certain new and useful Improvements in Fire-Arms; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to an improvement in fire-arms; and it consists in the combination of parts, as will be hereinafter more fully set forth.

In the annexed drawings, which fully illustrate my invention, Figures 1 and 2 are side elevations. Fig. 3 is a bottom view, and Fig. 4 is a section.

A represents the lower plate, having the solid breech *a*, with lugs *b*. This plate A is attached to the strap in any suitable manner, and the lugs *b* are let into the stock A' and secured thereto.

The solid breech formed with the side plate is provided with the firing-pins *a'*. On the under side of this plate are lugs *c*, which pass through the strap, and are secured to the same by means of draw-pin *c'*. The plate A is also provided on its under side with ribs or projections B, in which works the locking-bolt C. Said locking-bolt is held in place by means of a spring, *e*, working against a lug, *d*, and is operated either by a trigger (direct) inserted at *f*, or by means of a side lever, as shown at Fig. 1.

D represents the upper plate, secured to the barrels E by any suitable means, and provided on its under side with lugs *g* *h* *i*. The lug *g* passes between the lugs *c* *e*, and the upper plate is secured to the lower plate, and the lower plate to the strap, by means of a draw-pin, as hereinbefore described. Between the lugs *h* is pivoted a link, F, the lower end of which, when the barrels are thrown downward, engages with one side of the opening *j* in the lower plate and operates the extractor.

G is the extractor, the stem of which works in a V-shaped space formed by the uniting of the barrels and the upper plate.

The extractor-stem has a slot, *k*, formed in its side, and a pin, *l*, working therein, to limit its movement.

The lug *i* is provided with a notch, *m*, in which the locking-bolt catches and holds the parts firmly together.

The device, as above described, is designed to be used in converting muzzle-loading into breech-loading fire-arms, and whereby the same locks, cocks, stock, and barrels may be used, thus providing an article that can be cheaply constructed, and one that is very efficient in use.

The construction of the plate A accomplishes several desirable results, among which are: It avoids the old method of attachment, whereby a strap extending down the upper side of the breech, and fastened thereto by means of screws, was used, and by attaching the said plate any old stock is utilized and can be used with my construction in a breech-loading arm.

This device is designed to be applied to old stocks, the bottom part of the plate fitting into the hollow formed in the forward part of the stock, all that is necessary being to cut away enough of the upper portion of the stock to compensate for the thickness of the plate, and to secure the same, as hereinbefore described.

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

In a breech-loading fire-arm, the plate A, having solid breech *a*, firing-pins *a'*, and lugs *b*, attached to the stock A', as specified, in combination with link F, extractor G, with slot *k*, pin *l*, locking-bar C, spring *e*, lug *d*, plate D, and draw-pin C', substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JOHN PEIGHTAL.

Witnesses:

EMANUEL BOLLINGER,  
GEO. W. NAUGLE.