

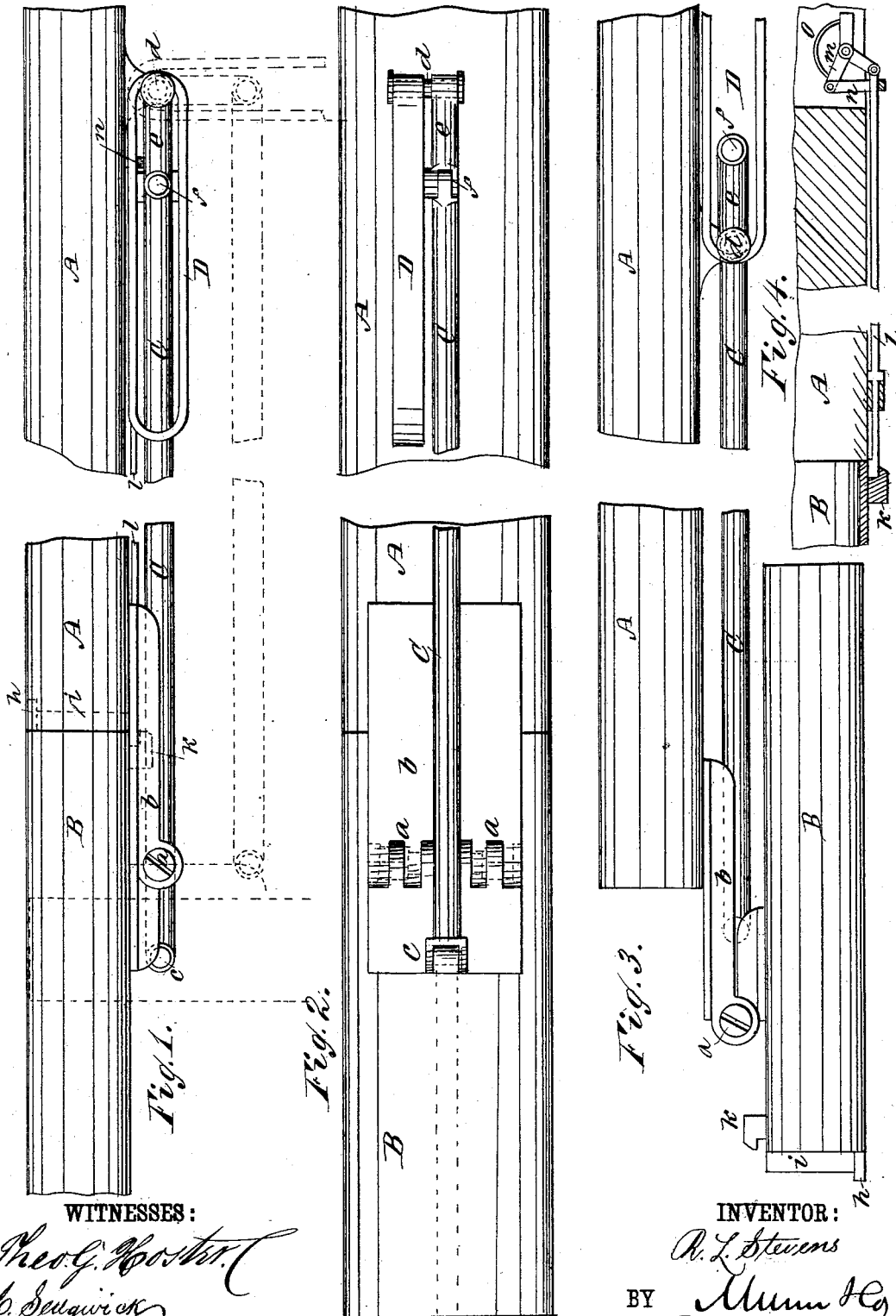
(No Model.)

R. L. STEVENS.

GUN BARREL.

No. 264,361.

Patented Sept. 12, 1882.



WITNESSES:

Theo. G. Hoster
C. Seaguirick

INVENTOR:

R. L. Stevens

BY

Mum Ho

ATTORNEYS.

UNITED STATES PATENT OFFICE.

ROBERT L. STEVENS, OF ALBANY, OREGON.

GUN-BARREL.

SPECIFICATION forming part of Letters Patent No. 264,361, dated September 12, 1882.

Application filed March 28, 1882. (No model.)

To all whom it may concern:

Be it known that I, ROBERT L. STEVENS, of Albany, in the county of Linn and State of Oregon, have invented certain new and useful Improvements in Fire-Arms, of which the following is a full, clear, and exact description.

My improvement relates specially to shot-guns for sportsmen's use, with the object to furnish a gun that can be readily changed for use at long or short range, as required, so that with one gun the user may obtain the same results as with two.

To that end my invention consists in a hinged choke-muzzle combined with the main barrel, and fitted for instantaneous movement by connections operated at the stock, as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side view of double barrels constructed in accordance with my invention. Fig. 2 is a bottom view of the barrels. Fig. 3 is a side view, showing the choke-muzzles turned out of use; and Fig. 4 is a detail section of the mechanism.

A is the main barrel of the gun, and B the choke barrel or muzzle, jointed at *a* to a plate, *b*, that is attached to the under side and end of barrel A. The joint *a* is double, as shown in Fig. 2, and is forward of the end of barrel A a short distance.

C is a rod jointed at *c* to the forward end of plate *b*, and extending backward beneath the barrel A.

D is a lever or handle, pivoted by a pin, *d*, to a lug on barrel A in a convenient position for being grasped. On the pivot-pin *d* is hung a short link, *e*, that is also connected by a pivot-pin, *f*, to the inner end of rod C, and the pin *f* extends into a slot of the handle D. With the handle D in its forward position against the under side of the barrel the rod C is projected and held forward, and the choke-muzzle B thus raised in line with the barrel, as shown in Fig. 1. To move the choke-barrel the handle is swung downward on its pivot, with the effect to carry the rod C down and

swing the choke-muzzle downward on its pivot *a*, as shown by dotted lines in Fig. 1. The movement is completed by carrying the handle backward, thereby raising rod C and turning the muzzle B beneath the main barrel, as shown in Fig. 3. A suitable spring will be provided for holding the handle D up. The inner end of the choke-muzzle B is formed with a tongue, *h*, for entering a recess formed in barrel A, and also with a thin plate, *i*, that enters a slot between the two bores of barrel A. These are to prevent lateral movement and strain. The muzzle B has also a notched lug, *k*, at its under side, which, when the barrel is raised, is engaged by a sliding latch-rod, *l*, so as to hold the muzzle securely. The latch-rod *l* (shown in Figs. 1 and 4) extends beneath barrel A to near the pivot *d* of handle D. At that point is a bent lever, *m*, pivoted in a recess in barrel A, and connected at one end to rod *l*. A link, *n*, from the other end of lever *m* extends down in position for being held up by handle D, whereby the latch is forced forward into the lug *k*.

O is a spring, bearing on lever *m*, and acting to draw the latch-rod back as soon as the link *n* is released. The first movement of handle D downward frees the link *n*, and the spring instantly withdraws the latch, so that the choke-barrel is free to be turned by further movement of the handle.

By this construction the gun can be readily used with the choke-muzzle for long range or without the choke-muzzle at short range. The change can be made instantly at the moment required, and the advantages of two guns are thus combined in one.

I do not limit myself to the details of construction exactly as shown, as they may be varied within the scope of my invention.

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

1. The combination, with the two barrels A B, the strap *b*, the hinge *a*, and the latch-rod *l*, of the rod C, hinged at *f* to the arm *e*, and hinged at *c* to the choke-barrel, the arm *e* being hinged to the main barrel at *d*, near its rear end, as shown and described.

2. The combination, with the barrels A B,

strap *b*, hinge *a*, rod *C*, and arm *e*, of the loop-lever *D*, hinged to the main barrel at *d*, and to the arm *e* by the stud at hinge *f*, as shown and described.

5 3. The combination, with the barrels *A B*, hinge *a*, strap *b*, rod *C*, arm *e*, lever *D*, hook *k*, and latch-rod *l*, of the elbow-lever *m*, pro-

vided with spring *O* and pawl *n*, as shown and described.

ROBERT L. STEVENS.

Witnesses:

J. C. POWELL,

W. R. BILYEU.