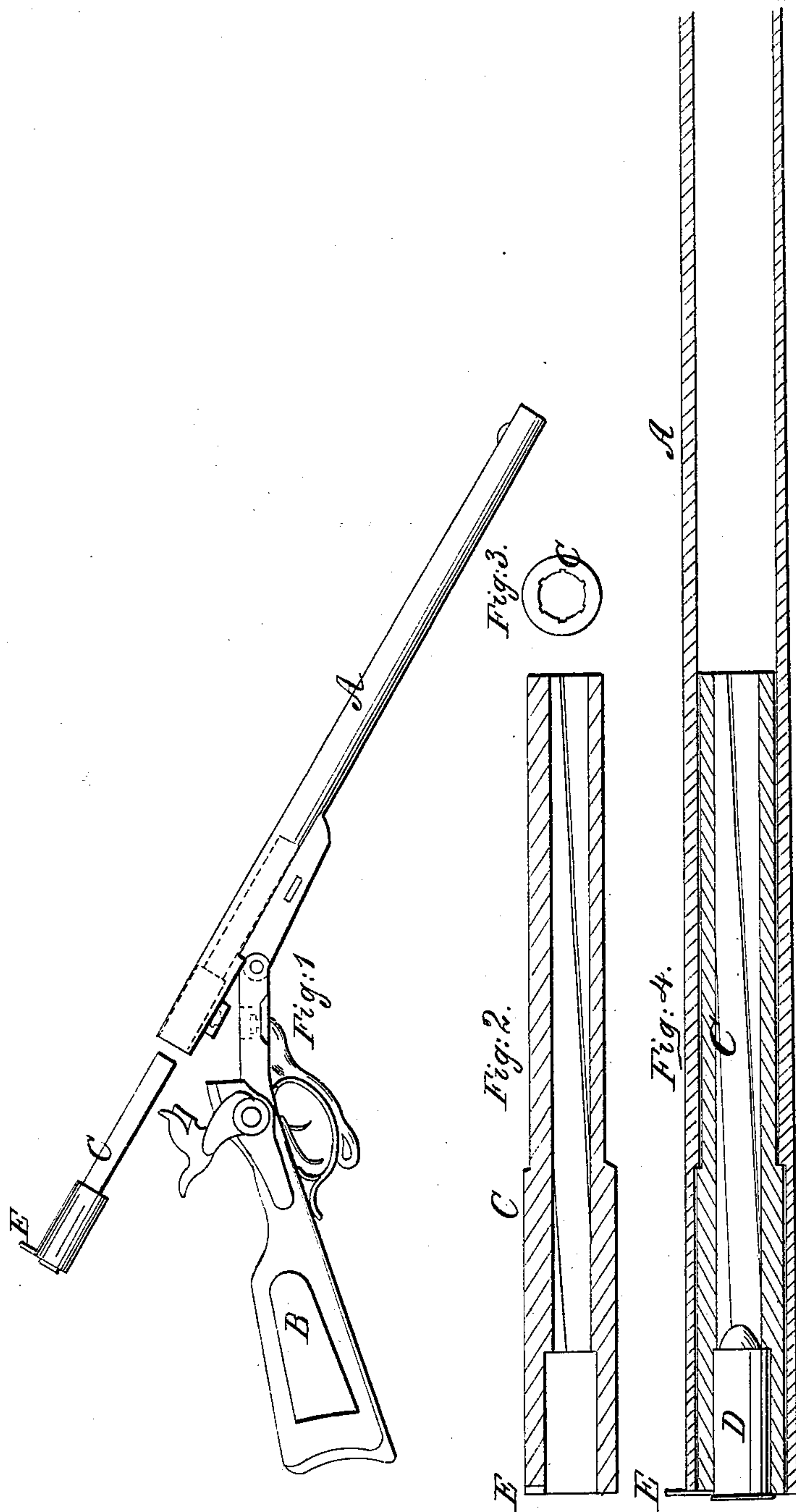


F. WOHLGEMUTH.
Breech-Loading Fire-Arm.

No. 90,214.

Patented May 18, 1869.



Witnesses.

Chas. Schreder
L. H. Rowan

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United States Patent Office.

FRIEDRICH WOHLGEMUTH, OF NEW YORK, N. Y.

Letters Patent No. 90,214, dated May 18, 1869.

IMPROVEMENT IN BREECH-LOADING FIRE-ARMS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, FRIEDRICH WOHLGEMUTH, of the city and county of New York, and State of New York, have invented certain new and useful Improvements in Fire-Arms; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the annexed drawing, making part of this specification, in which—

Figure 1 is a side view of a "break-down" breech-loading fowling-piece, with my improvement applied thereto.

Figures 2, 3, and 4, are detail parts of my invention, and of the gun to which it is applied.

My invention consists in combining with a "break-down" breech-loading shot-gun, fitted with a suitable lock, to secure the barrel, a breech-loading rifle-barrel, made to slip in the breech of the shot-gun, and with an enlargement, or flange on its rear end, to hold it in position when the barrel is locked, ready to fire.

The stock of the gun is represented in the drawing by B, the barrel by A, the breech-loading rifle-barrel by C, the cartridge by D, and the percussion-pin by E.

A break-down breech-loading shot-gun is well known, so that no special description of it is here necessary. This one is, however, fitted with a barrel-lock, to hold down the breech of the shot-barrel, and draw it against the breech-piece of the stock.

This barrel-lock consists of a lever, *z*, connected to the lower part of the stock, and fitted with a cam-shaped collar, *x*, which, when the barrel is brought down to its place, matches into the jaw *y*, and draws the breech of the barrel down hard in its place upon the lever, being thrown back in the position shown by the drawing.

The advantage of this invention is in the facility with which a smooth-barrel gun can be converted into a rifle.

A longitudinal section of the rifle-barrel is shown by fig. 2.

It is about half the length of the shot-barrel, though it may be longer or shorter, but to be efficient it should not be much shorter, and to be convenient it should not be much longer.

About half the length of the shot-barrel (the gun being of the usual length) is a very convenient and efficient proportion.

A soldier or sportsman can carry the rifle-barrel in a side-sling, or sack, similar to that in which a bayonet is carried, and can in an instant convert his shot-gun into a rifle, having nothing to do but unlock his barrel, let it drop down, and insert his rifle-bore, as shown in fig. 1, bring back the barrel, lock it, and the gun is a rifle, capable of very accurate execution at long range.

The rifle-barrel being short, throws the weight near the shoulder of the gunner, securing steadiness, and the shot-barrel, being long, offers the incidental advantages of a long barrel in taking sight.

Having now described the nature and advantage of my invention,

I claim as new herein, and desire to secure by Letters Patent—

Combining, with a "break-down" breech-loading shot-gun, fitted with a barrel-lock, as shown, a breech-loading rifle-barrel, made with a small flange on its rear end, and to fit the shot-barrel only at its rear end, the rifle-barrel to be secured by the said lock, and to be of any length less than the shot-barrel.

FRIEDRICH WOHLGEMUTH.

Witnesses:

CHS. WEHLE,
L. H. ROWAN.