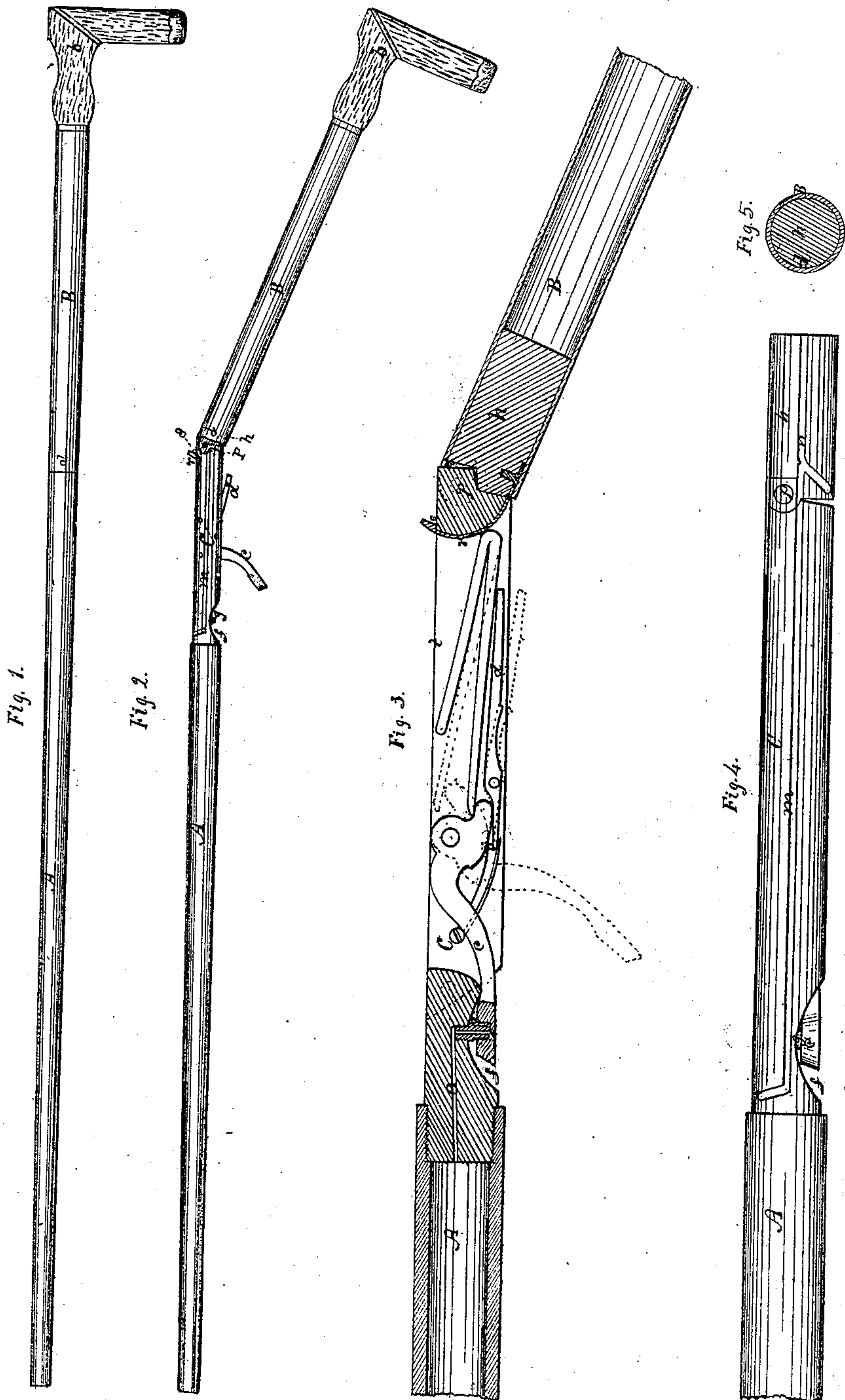


W. H. WERNER.

Cane Gun.

No. 104,087.

Patented June 7, 1870.



Witnesses,

H. C. Lipscomb, Jr.
D. J. Brown

William H. Werner.
By his atty.,
J. S. Brown.

United States Patent Office.

WILLIAM H. WERNER, OF NAZARETH, PENNSYLVANIA.

Letters Patent No. 104,087, dated June 7, 1870.

IMPROVEMENT IN CANE-GUNS.

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, WILLIAM H. WERNER, of Nazareth, in the county of Northampton and State of Pennsylvania, have invented an Improved Cane Gun; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing making part of this specification,

Figure 1 being a side view of the gun, when arranged for use as a walking-cane;

Figure 2, a side view thereof, adjusted for use as a fire-arm;

Figure 3, a central vertical section of the extension part of the breech, and of the adjacent ends of the barrel and stock;

Figures 4 and 5, views of parts in detail.

Like letters designate corresponding parts in all of the figures.

Let A represent the barrel of the gun, forming the lower part of the cane, being properly about two feet long, and having the slightly tapering form and general appearance of that part of an ordinary cane.

The remaining length of the cane is formed by a tubular stock-portion, B, having such a size, shape, and appearance as to make the upper continuation of the cane as represented in fig. 1. It terminates in a suitable head, b. Its length is about one foot, more or less.

Into this tubular stock closely fits an extension breech, C, which is affixed to the rear end of the barrel A, and contains the hammer c, trigger d, and other parts of the lock, in a vertical longitudinal slot thereof.

The parts of the lock are so formed and arranged that, when the hammer is closed, no part projects beyond the cylindrical outline or periphery of the extension breech, as shown in fig. 3, but, when the hammer is raised for firing the gun, the trigger (as well as the hammer) will project sufficiently to enable it to be pressed by the finger to spring the hammer, as shown by dotted lines in the same figure, and as seen in fig. 2.

A notch or cavity, f, is formed in the under side of the extension breech C, where the cap-nipple g is located, so that the latter may be sunk within the cylindrical outline of the extension breech, and to enable the fingers to get access inside of the closed hammer for raising it.

The passage o, from the nipple to the bore of the barrel, is made in the extension breech, as shown in fig. 3.

A portion, h, of the extension breech C remains in the tubular stock B when it is drawn out for using the gun, as shown in fig. 3.

It is held from being entirely drawn out by a projection, l, on the inside of the tubular stock B, near the open end thereof, and fitting in a groove, m, in the side of the extension breech, the said groove ter-

minating at the proper point to prevent the extension breech from being drawn out further than required, and being so formed that, by turning the extension breech a little in the stock, when pushed entirely into the same, it will hold the breech from being drawn directly out; but, by turning it back again, the extension breech will be free to be drawn out, as represented in figs. 4 and 5.

Another turn of the groove, and continuation thereof to the upper end, as at n, fig. 4, will enable the extension breech to be entirely detached from the tubular stock, when desired for repairing or renewing.

The extension breech C is jointed, at p, just outside of the tubular stock when drawn out for use, as in fig. 2. This joint allows the bending down of the breech into the position shown in the said figure, and back to a straight form only.

When bent down, it, together with the tubular stock, forms a stock of proper length and shape to enable the gun to be brought to the shoulder, for taking aim, as an ordinary musket or rifle, a capability which the cane guns heretofore constructed do not possess, and of the utmost importance to the gun.

A spring catch, r, is secured to the portion h of the extension breech, and curves thence forward and upward through the slot in the main part of the breech.

It terminates in a catch, s, which projects beyond the breech when it is bent down, and springs back over the solid part thereof behind the slot, as in fig. 3, so as to hold the breech down in that position. Its projecting end is notched in the top, and thus also furnishes a rear sight for the gun.

When the extension breech is to be straightened up for returning into the stock B, the projecting part of the spring catch is pressed forward, so as to release it from its hold, and the straightening of the breech hides the end of the catch, so that it does not interfere with the insertion of the breech into the stock.

A portion, t, of the extension breech, one side of the slot, may be removable, so as to make it convenient to insert and mount the parts of the lock, and avoid outside screws and pivots.

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

The extension breech C, provided with a vertical slot in which the lock is mounted, and with the hammer, notch, or cavity f, and coupling-groove m, in combination with the sliding stock or case B, constructed as described, and with the barrel A, to constitute a cane gun, substantially as herein specified.

Also, the catch r, for holding the extension-breech in a bent form, and serving also as a gun-sight, but inclosed within the outline of the extension when the latter is straightened, as specified.

WM. H. WERNER.

Witnesses:

WM. KUNSTMAN,
CHRISTR. D. BUSSE.