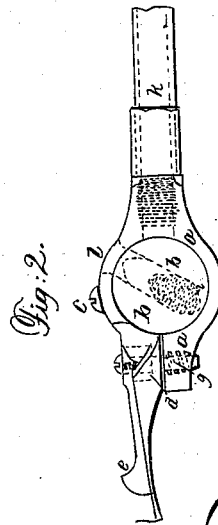
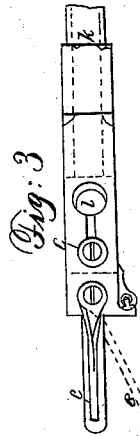
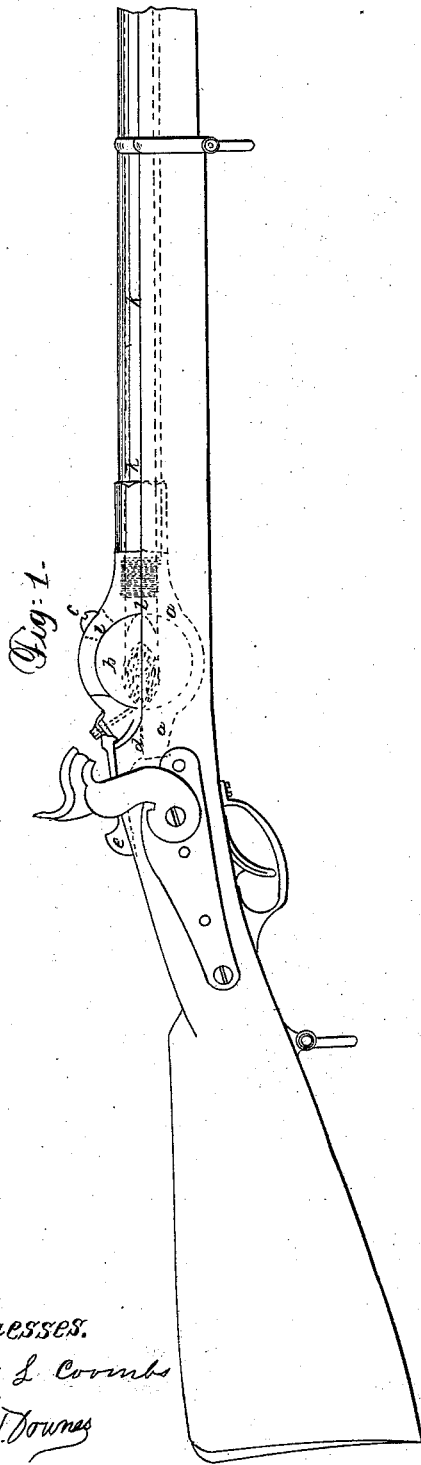


C. G. SAEZ.

Breech-Loading Fire-Arm.

No. 45,801.

Patented Jan. 3, 1865.



Witnesses.

Wm L. Corbitt

L. J. Downes

Inventor
C. G. Saez
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Attorneys.

UNITED STATES PATENT OFFICE.

COSME GARCIA SAEZ, OF MADRID, SPAIN.

IMPROVEMENT IN BREECH-LOADING FIRE-ARMS.

Specification forming part of Letters Patent No. **45,801**, dated January 3, 1865.

To all whom it may concern.

Be it known that I, COSME GARCIA SAEZ, of Madrid, Spain, have invented certain new and useful Improvements in Breech-Loading Fire-Arms; and I hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings.

This invention consists in forging in a piece with or in screwing onto the rear of the barrels of fire-arms a breech-chamber made to contain a cylindrical charge-holder for receiving an ordinary cartridge. An aperture at top allows of the insertion of the charge into the holder. A button moving in a slot and connected to the charge-holder is drawn forward in the slot, closes the aperture, and brings the cartridge in a line with the bore of the arm. The back of the breech-chamber is divided by a saw-cut or otherwise, and a bolt plain at top and threaded at bottom unites the parts so divided. A tail-lever is fixed to the bolt and lies on the top of the stock. By turning this lever from left to right the parts are separated, and the charge-holder is easily moved in the breech-chamber. After a charge has been inserted and been moved by the button into a line with the bore, the lever is turned back, the divided parts of the chamber are brought forcibly together, and the breech rendered gas-tight.

Figure 1 of the accompanying drawings is a view of a gun constructed according to this invention. Fig. 2 is a side view, and Fig. 3 a plan, of those parts to which this invention refers.

a is a breech-chamber forged in a piece with or screwed onto the barrel *k*, and containing a cylindrical charge-holder, *b*, for receiving a cartridge. *l* is an aperture through which the charge is inserted into the holder *b*. *c* is

a button moving in a slot and connected to the charge-holder. It is drawn forward in the slot, closes the aperture *l*, and brings the cartridge in a line with the bore of the gun. *d* is a saw-cut dividing the back of the breech-chamber, and *g* is a bolt, plain at top and threaded at bottom, and uniting the parts so divided. *e* is a tail-lever fixed to the bolt *g*, and lying on the top of the stock. By turning the lever *e* from left to right the parts are separated, and by drawing back the button *c* in the slot the charge-holder *b* is moved in the breech-chamber into position for the insertion of a charge through the opening *l*. After the charge has been inserted the button *c* is moved forward to bring the charge into a line with the bore. The lever *e* is turned back, and brings the divided parts of the chamber forcibly together, and the breech is rendered gas-tight.

Having now described the nature of the said invention and in what manner the same is to be performed, I shall state my claims as follows:

1. Forming the breech-chamber, as described, of one piece divided in the rear, so as to admit of contraction or expansion by the application of a suitable tightening device, as set forth.

2. In combination with an expansible breech-chamber, a screw and actuating-lever, constructed and arranged for operation for rendering the parts of the breech gas-tight, as set forth.

In testimony whereof I have signed my name to this specification before two subscribing witnesses.

COSME GARCIA SAEZ.

Witnesses:

JOSE PING Y SIVBEUX,
TOMÁS LOZANO.