B. F. JOSLYN.

Breech-Loading Fire-Arm.

No. 15,240. Patented July 1, 1856.

Fig. 1.

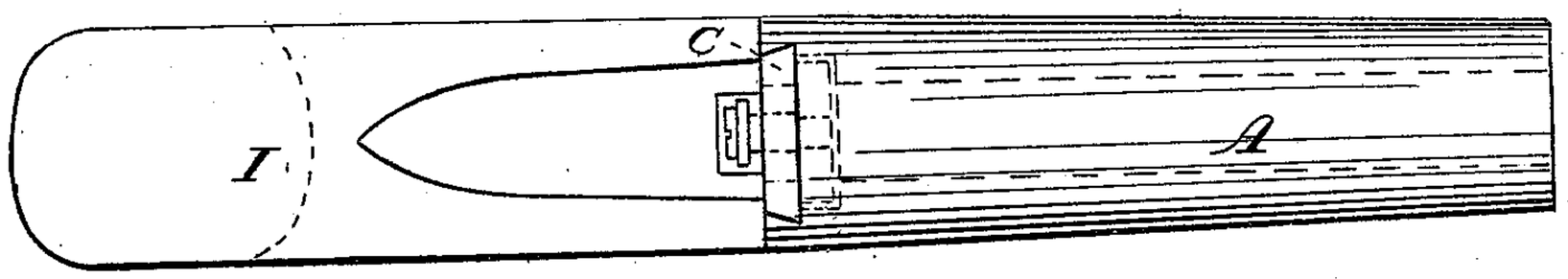
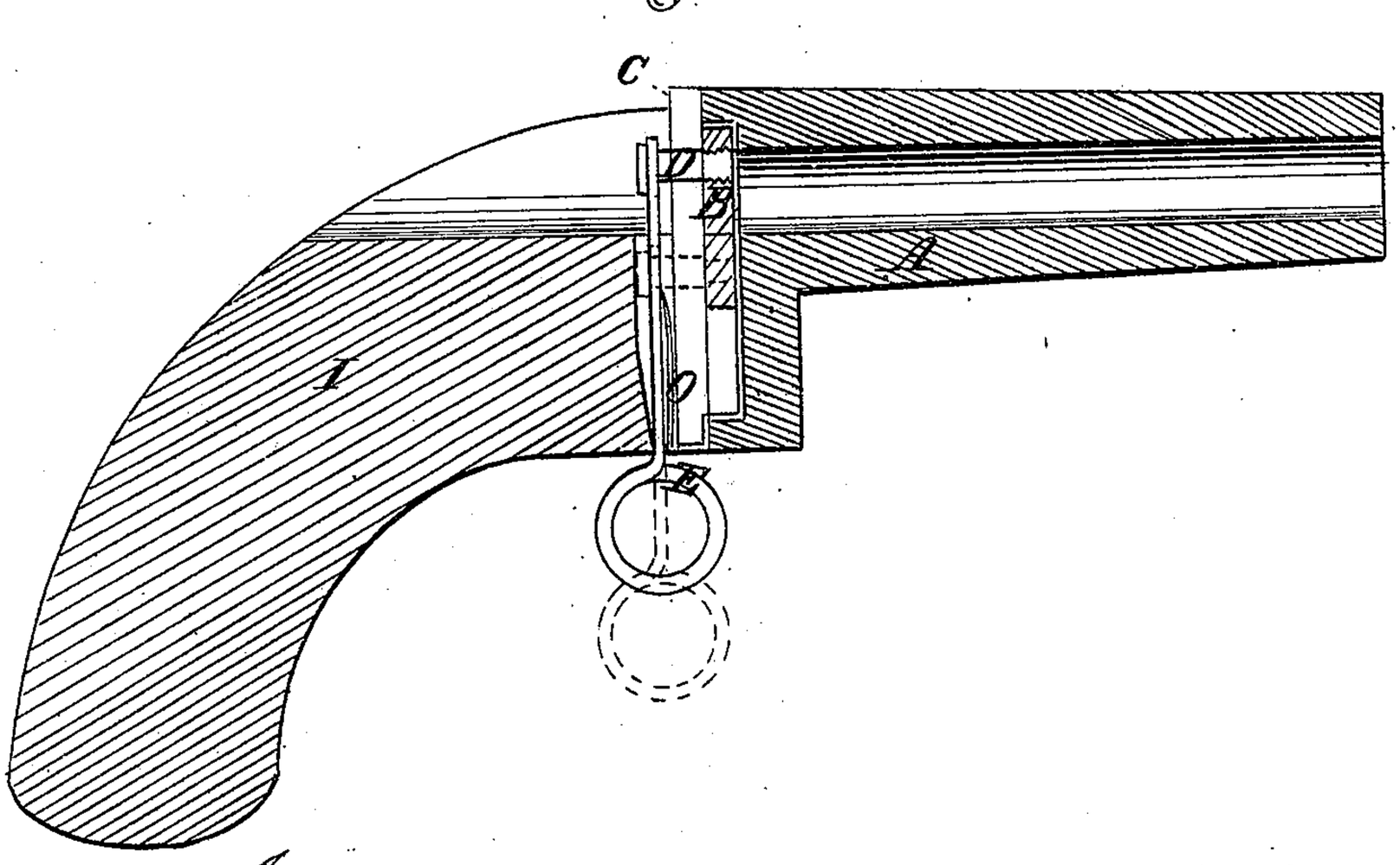



Fig. 2.




Witnesses: James C. Engley
C. Estabrook Smith

B. F. Joslyn

# UNITED STATES PATENT OFFICE.

B. F. JOSLYN, OF WORCESTER, MASSACHUSETTS.

## IMPROVEMENT IN BREECH-LOADING FIRE-ARMS.

Specification forming part of Letters Patent No. **15,240**, dated July 1, 1856.

*To all whom it may concern:*

Be it known that I, B. F. JOSLYN, of the city and county of Worcester, and State of Massachusetts, have invented a new and useful Improvement in Breech-Loading Fire-Arms; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification, and to the letters of reference marked thereon, in which—

Figure 1 is a top view of enough of a fire-arm to show my improvement. Fig. 2 is a sectional view of the same.

The nature of my invention consists in providing breech-loading fire-arms with a chamber in which is a sliding valve fitting the chamber only on one side, thereby allowing ample room for expansion, and that being the one through which the cartridge is passed, and through which the valve-stem projects, by which it is operated; also, in providing a spring to keep the valve always on its seat.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

A is the barrel, made with a chamber at the rear end, in which is placed the valve B. The dovetail piece C is fitted perfectly and driven in to form the back part of the chamber, which is the valve-seat, having an oblong hole through which projects the valve-stem D. The stem passes through the ring-piece E, and is screwed firmly into the valve B. The spring O presses against the ring-piece E to keep the valve on its seat. I is the stock.

To operate, take hold of the ring-piece, it being attached to the valve, as described, and pull it down, as shown by the red lines, and a cartridge may be passed through the oblong hole into the barrel, return the ring-piece with valve, as shown in the drawings, and the arm is ready to be discharged, ignite the powder by any of the ordinary means, and the explosion in the barrel will force the valve back on its seat, making it perfectly tight and yet free to operate, the chamber being so much larger than the valve.

I claim—

A sliding valve in a chamber, substantially as shown and described, for the purpose specified, also combining the spring with the valve, for the purpose as shown and described.

B. F. JOSLYN.

Witnesses:

G. ESTABROOK SMITH,

JAMES N. ENGLY.