

(No Model.)

W. ANSON.

BREECH LOADING FIRE ARM.

No. 327,914.

Patented Oct. 6, 1885.

FIG. 1.

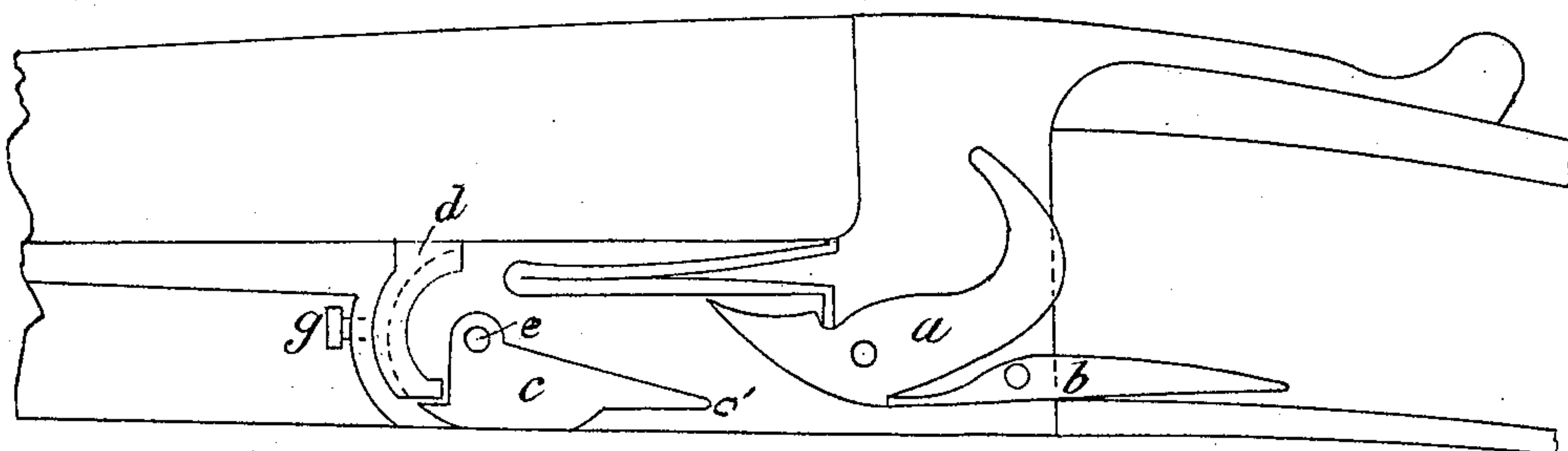


FIG. 2.

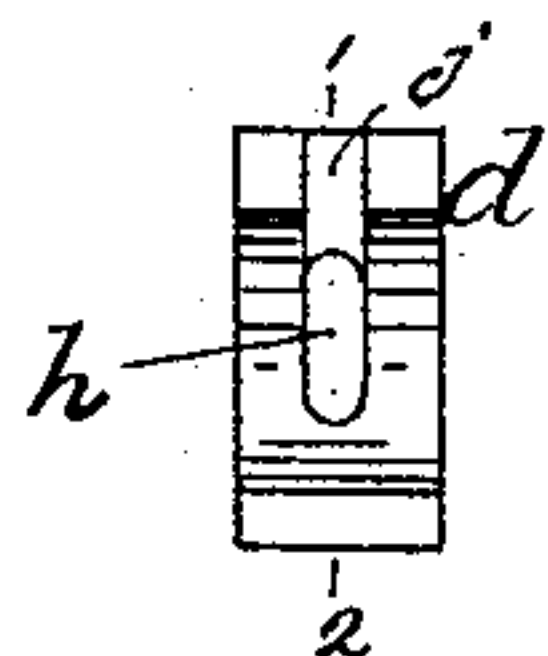


FIG. 3.



FIG. 4.

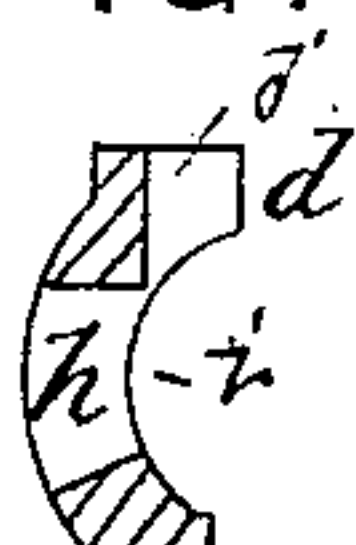


FIG. 5.

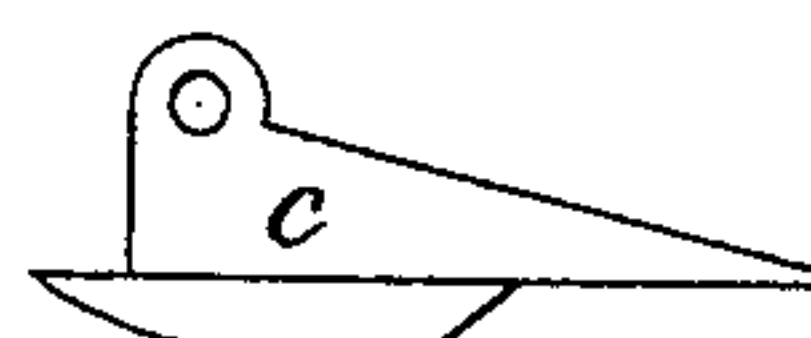


FIG. 6.

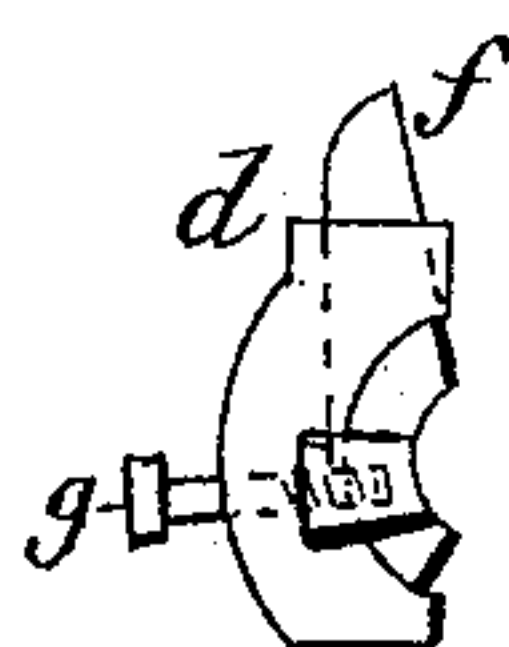


FIG. 7.

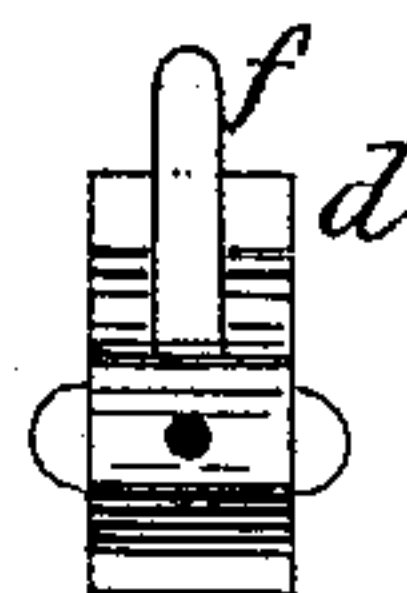
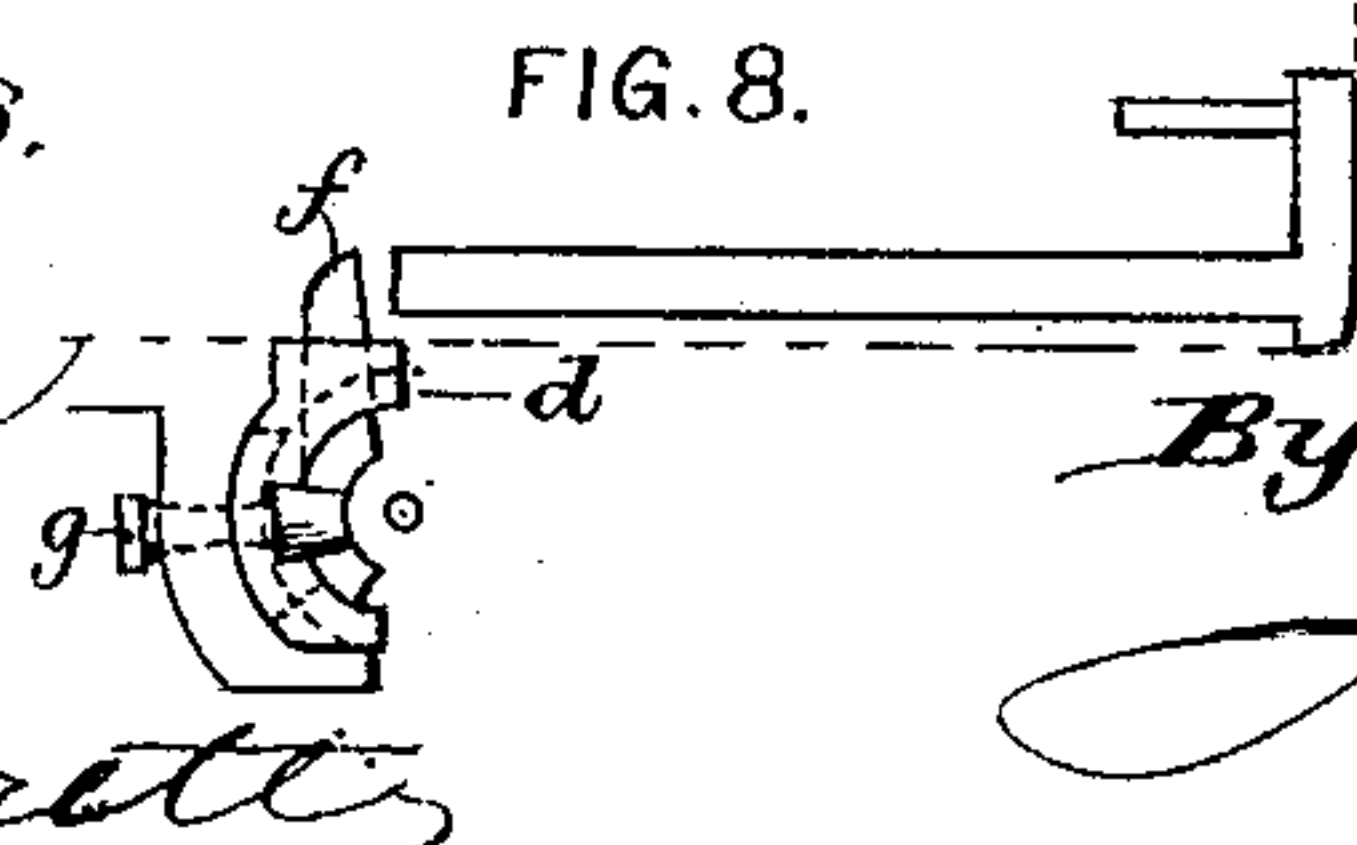


FIG. 8.



Witnesses.

A. H. Norris

Robert Everett

Inventor.

William Anson.

By

James L. Norris.

Atty.

UNITED STATES PATENT OFFICE.

WILLIAM ANSON, OF SMALL HEATH, BIRMINGHAM, COUNTY OF WARWICK,
ENGLAND.

BREECH-LOADING FIRE-ARM.

SPECIFICATION forming part of Letters Patent No. 327,914, dated October 6, 1885.

Application filed March 10, 1885. Serial No. 158,334. (No model.) Patented in England March 3, 1884, No. 4,292.

To all whom it may concern:

Be it known that I, WILLIAM ANSON, a subject of the Queen of Great Britain, residing at Small Heath, Birmingham, in the county of Warwick, England, gun-maker, have invented certain new and useful Improvements in Breech-Loading Hammerless and other Guns and Rifles, (for which I have received Letters Patent in England, No. 4,292, dated March 3, 1884,) of which the following is a specification.

In the specification filed by myself and John Deeley in pursuance of English Letters Patent dated April 11, 1883, No. 1,833, relating to the hammerless guns known as "Anson & Deeley's patent," the cocking of the gun is described as being effected by the dropping of the barrels for charging, by means of a dog or lifter whose fulcrum is the ordinary joint, the fore-end iron holding the dog or lifter in position in the act of cocking. This operation, however, causes the whole of the strain to fall upon and be sustained by the fore-end iron and the loop, and such strain has a tendency to force such iron away from the joint and break off the loop.

Now, the object of my present invention is to dispense with the use of the fore end as a means of cocking, and to cock the gun by means of a solid block or pillar, which is hereinafter referred to as the "cocking-block." I place the cocking-block in a portion of the space now occupied by the extractor-lever in the above patent. Instead of the dog or lifter being held in position by the fore end, I now make the dog or lifter take its bearing on the cocking-block, thereby relieving the fore-end iron of all such strain in the act of cocking. The cocking-block bears on its under side against the dog or lifter and on its upper side against the barrels. By the use of the cocking-block in lieu of the fore end for cocking the gun, the fore end can be more conveniently removed and replaced.

And in order that my said invention may be clearly understood, reference is hereby made to the accompanying drawings, in which similar letters of reference indicate corresponding parts.

Figure 1 shows a portion of a breech-loading drop-down gun containing cocking mechanism constructed according to my invention. Fig. 2 is a back view of the cocking-block.

Fig. 3 is a side view thereof. Fig. 4 is a section on the line 1 2 of Fig. 2. Fig. 5 is a side view of the cocking-lift. Fig. 6 is a side view of the cocking-block, with the extractor-lift attached thereto. Fig. 7 is a back view of Fig. 6. Fig. 8 is a side view of the extractor and extractor-lift.

In the drawings, the letter *a* designates the hammer, which is shown cocked, and held in that position by the sear *b*.

c is the cocking-lift, which is actuated by the cocking-block or pillar *d*.

When the barrels are dropped they carry the cocking-block *d* with them. This block *d* causes the cocking-lift to rotate on the center *e*, the end *e'* operating upon and raising the hammers at the same time.

The block *d* is formed with a concave face, *i*, a slot, *h*, and a vertical groove or way, *j*. The extractor-lift *f* fits in the way *j*, and is held to its place by the screw *g*, passed through slot *h*, in which it slides. As the barrel is dropped after discharge, the end of the extractor-lift *f* strikes the end of the extractor-rod *i* and pushes it backward, thereby starting the shells out of the barrels.

The operation of the parts will be apparent from the foregoing description.

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is—

1. The combination, in a fire-arm, of a hammer, a cocking-lift, *c*, bearing against said hammer, a barrel having a cocking-block, *d*, connected therewith and actuating the cocking-lift when the barrel is dropped, an extractor, and an extractor-lift fitted in said cocking-block and held to its place by a screw, *g*, sliding in a slot in the block, substantially as described.

2. The combination, in a fire-arm, of the barrel, a block, *d*, connected with the barrel and having a slot, *h*, an extractor, and an extractor-lift, *f*, fitting in said block and held in place by a screw, *g*, sliding in slot *h* of said block, substantially as described.

Witnesses. WILLIAM ANSON.

W. H. HARRIS,

Solicitor and Notary Public, Birmingham, England.

JOHN HARRIS,

Solicitor, Birmingham, England.