W. H. BAKER.

Breech-Loading Fire-Arms.

No. 167,293. Patented Aug. 31, 1875.

Fig. 1.

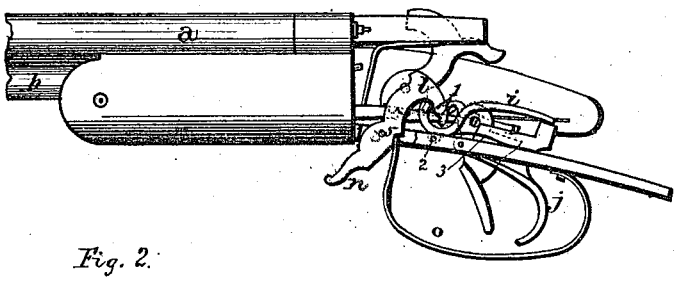


Fig. 2.

Fig. 3.

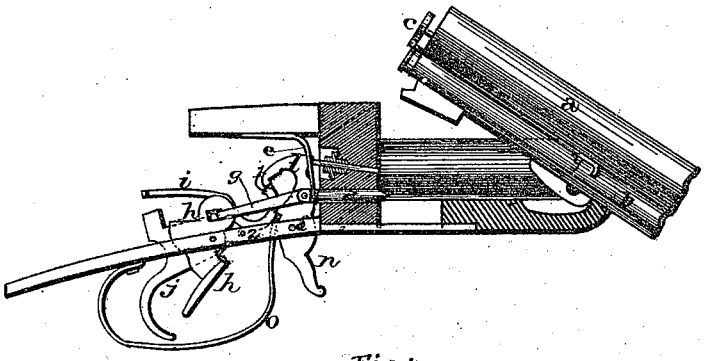
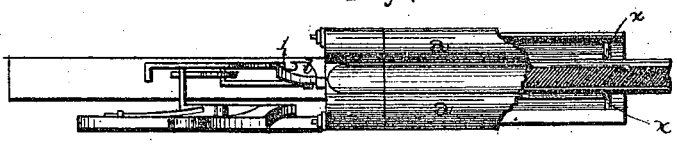


Fig. 4.



WITNESSES.

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per

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UNITED STATES PATENT OFFICE.

WILLIAM H. BAKER, OF LISLE, NEW YORK.

IMPROVEMENT IN BREECH-LOADING FIRE-ARMS.

Specification forming part of Letters Patent No. **167,293**, dated August 31, 1875; application filed August 7, 1875.

To all whom it may concern:

Be it known that I, WILLIAM H. BAKER, of Lisle, in the county of Broome and State of New York, have invented certain new and useful Improvements in Breech-Loading Fire-Arms; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to an improvement in breach-loading fire-arms; and it consists in the arrangement and combination of parts that will be more fully described hereafter. The accompanying drawings represent my invention. *a a* represent the two barrels of a shot-gun, and *b* the barrel of a rifle secured to their under side. These three barrels are pivoted to the stock in the usual manner, and are provided with a cartridge-retractor *c*, that answers for all three barrels at once, which retractor is operated by small projections *x* on the front end of the stock, that catch behind the front ends of the arms *y* of the retractor as the barrel tilts downward. These barrels are locked in a horizontal position by means of the bolt *d*, that is kept pressed forward by the spring *e*. Pivoted to the rear end of this bolt is the connecting-rod *g*, which rod has its other end bent at right angles, so as to catch in the slot in the front upper corner of the trigger *h*. By pushing forward upon this trigger the front upper corner is drawn backward, which movement acting on the bolt *d* draws it backward, so as to free the barrels and allow them to tilt downward. Should the spring ever fail to act, by drawing backward on the trigger *h* the bolt can at once be forced forward into position. The slot in the trigger is just long enough to allow the trigger to be drawn back so as to trip the sear *i*, the said sear having a projection, 1, that projects over the top of the trigger. As the slightest backward pull on the trigger *h* has a tendency to force the bolt *d* forward, it will be readily seen that the sear cannot be tripped to fire any of the barrels until the bolt has been forced forward to lock the barrels in position, ready to be fired. The sear is pivoted at the point 2, and projects back over the top of the rear trigger *j*, as well as the one *h*, so that it can be fired by either. The sear is held pressed forward by a flat spring, 3, so as to be always ready to engage with the hammer *l*. This hammer is pivoted at the point 5, has its lower end extending below the stock, and is so formed that the hammer may be cocked by pressing forward upon it with one of the fingers. By moving the lower part *n* forward the upper part is thrown back, and, having notches cut on its under side, it engages at once with the sear. The guard *o* forms, in this instance, the spring by which the hammer is operated, its upper end being made to catch under a shoulder formed on the rear side of the hammer, as shown. The hammer *l* fires the rifle-barrel, while each of the shot-barrels is provided with its own hammer, as usual.

Having thus described my invention, I claim—

1. In combination with one of the triggers for operating one of the hammers, a locking device for holding the barrels in position, substantially as shown.

2. The trigger *h*, pivoted so that it can be moved forward to unlock the barrels, and drawn backward so as to trip the sear, as described.

3. The trigger *h*, having a slot in its upper part, in combination with the connecting-rod *g*, bolt *d*, and barrels, as set forth.

4. The bolt *d*, for locking the barrels in position, so connected to the hammer-trigger that the barrels cannot be fired until the bolt is forced forward to lock the barrels in position.

In testimony that I claim the foregoing I have hereunto set my hand and seal.

WILLIAM H. BAKER. [L. S.]

Witnesses:

C. B. BURGHARDT,

D. B. WILCOX.