

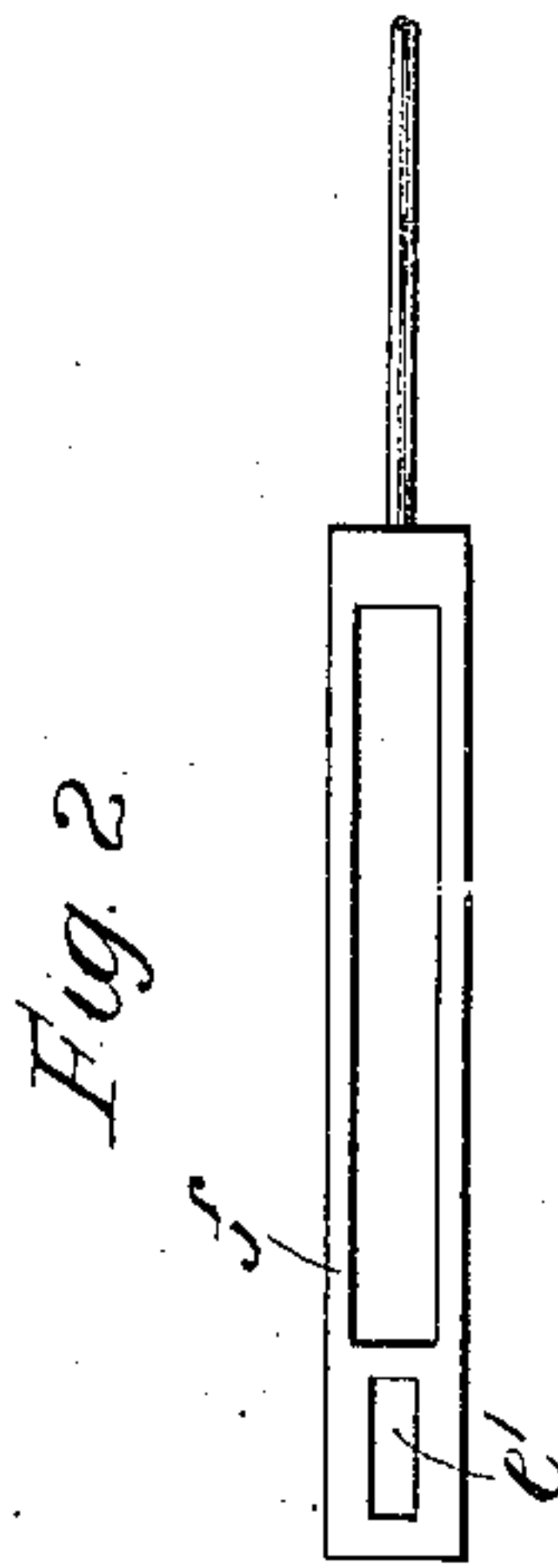
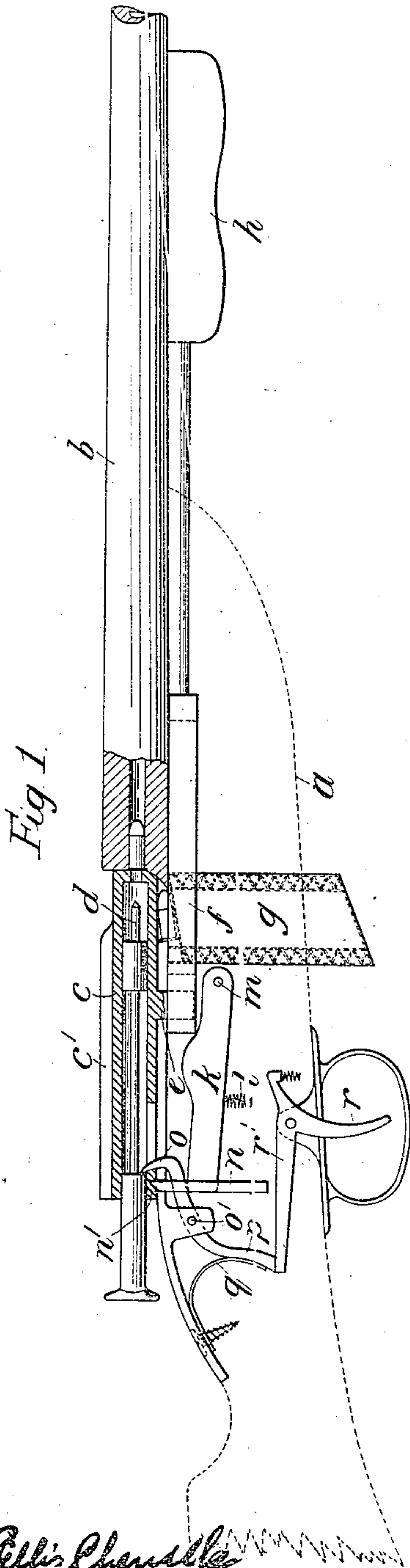
No. 749,463.

PATENTED JAN. 12, 1904.

R. C. STEVENSON.
REPEATING RIFLE.

APPLICATION FILED JUNE 8, 1903.

NO MODEL.



Witnesses
Mary Ellis Chandler
E. H. M. Galford

I invent
R. C. Stevenson
By attys

Charles Chandler

UNITED STATES PATENT OFFICE.

ROBERT CAMPBELL STEVENSON, OF KILMARNOCK, SCOTLAND.

REPEATING RIFLE.

SPECIFICATION forming part of Letters Patent No. 749,463, dated January 12, 1904.

Application filed June 8, 1903. Serial No. 160,629. (No model.)

To all whom it may concern:

Be it known that I, ROBERT CAMPBELL STEVENSON, a subject of the King of Great Britain and Ireland, residing at Rosehill, London Road, Kilmarnock, Ayrshire, Scotland, have invented a certain new and useful Improvement in Repeating Rifles, of which the following is a specification.

This invention relates to repeating rifles such as are used for sporting and other purposes; and it has for its object to provide an improved construction of repeating mechanism comprising few moving parts, so as to simplify the mechanism generally and to allow of greatly-increased rapidity of fire.

In the accompanying drawings, which illustrate the invention, Figure 1 is a vertical section of part of a repeating rifle constructed according to my invention, showing the firing and loading mechanism. Fig. 2 illustrates a detail hereinafter referred to.

As shown in the drawings, the improved rifle comprises the usual stock *a* and barrel *b*. The firing mechanism includes a tubular bolt *c*, fitted to slide in a bolt-guide *c'*, extending from the breech end of the barrel *b* partly over the stock *a*, the bolt *c* containing a needle-pointed striker *d*, which is pressed forward by means of a spring (not shown) to project the striking-point through the forward end of the bolt to fire the cartridge in the barrel by percussion. The bolt has at its under side a depending lug *e*, which passes through a slot *e'* in a bar *f*, constituting a cocking-piece, (illustrated more particularly in Fig. 2,) slotted to pass around or encircle the cartridge-magazine *g*. The cocking-piece is carried forward to a sliding handle *h* under the barrel within convenient reach of the left hand in the firing position. When the handle is drawn back, the rear end of the cocking-piece *f* presses down a lever *k*, elevated by a spring *l* and pivoted at its forward end at *m*. The other end of the lever *k* passes into a slot in a block *n*, fitted to rise and fall in a vertical slot in the stock, its upper end passing through the bolt-guide into a notch *n'* in the bolt *c* and forming a bolt-check.

The depression of the lever *k*, above referred to, releases the bolt *c*, which is then drawn

back to open up the breech by the continued movement of the cocking-piece *f*, which engages the lug *e*. A cartridge is then fed up into the breech from the magazine *g*, located thereunder, and furnished with a spring-actuated platform, or the cartridge may be fed in by hand. On pushing forward the handle *h* the bolt *c* is drawn forward by the engagement of the end of the slot *e'* in the cocking-piece with the rear end of the depending lug *e*, the cartridge being pushed home by the bolt into the breech end of the barrel. When the bolt *c* is thus pressed home, the bolt-check *n* rises into the notch *n'*, cut in the bolt, and locks the latter. During the forward motion of the bolt the striker *d* is held back by means of a sear *o*, which rises through a slot in the lower part of the bolt-guide and bolt, the sear being pivoted at *o'* in the stock and having an arm *p*, on which bears a spring *q*, and which arm is acted on by the trigger *r* to disengage the sear and free the striker *d* for firing. The trigger is so placed that a projection *r'* on the same touches the lower part of the bolt-check *n* when the latter is depressed and holds the trigger immovable, so that the trigger can only be pressed when the bolt is fully closed and the check rises into position.

The magazine *g* may be charged by hand or from a charger or by means of a clip, which may be conveniently fitted into it when the breech is open.

Having now described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a repeating rifle the combination with the bolt sliding in a bolt-guide of a cocking-piece connected to a handle and beneath the rifle-barrel, and having its rear end arranged to engage a projection to move the bolt when the cocking-piece is reciprocated, a spring-supported lever pivotally mounted within the gun-stock and a bolt-check connected to said lever and operated by movement of the cocking-piece to release the bolt substantially as described.

2. In a repeating rifle the combination with the bolt sliding in a bolt-guide of a cocking-piece having a sliding handle beneath the rifle-barrel and a depending lug on the bolt pass-

ing through a slot in its rear end, a spring-supported lever pivoted within the gun-stock and having a projection engaging the end of the cocking-piece to depress the lever when
5 the cocking-piece is drawn back, and a block having a slot for engagement with said lever, the said block being adapted to rise and fall in the slot in the stock to engage a notch in the bolt substantially as described.

10 3. The combination with the sliding bolt of a repeating rifle, of a bolt-check *n*, a bolt-check lever *l* connected to the bolt-check, a spring *l*

elevating said lever, means disposed to engage and depress the lever and therewith the check and the trigger *v*, said trigger having a pro- 15
jection *v'* adapted to engage the lower part of the bolt-check when the latter is depressed.

In witness whereof I have hereunto set my hand in presence of two witnesses.

ROBERT CAMPBELL STEVENSON.

Witnesses:

JNO. N. FADGEAN,

WALLACE CRANSTON FAIRWEATHER.