

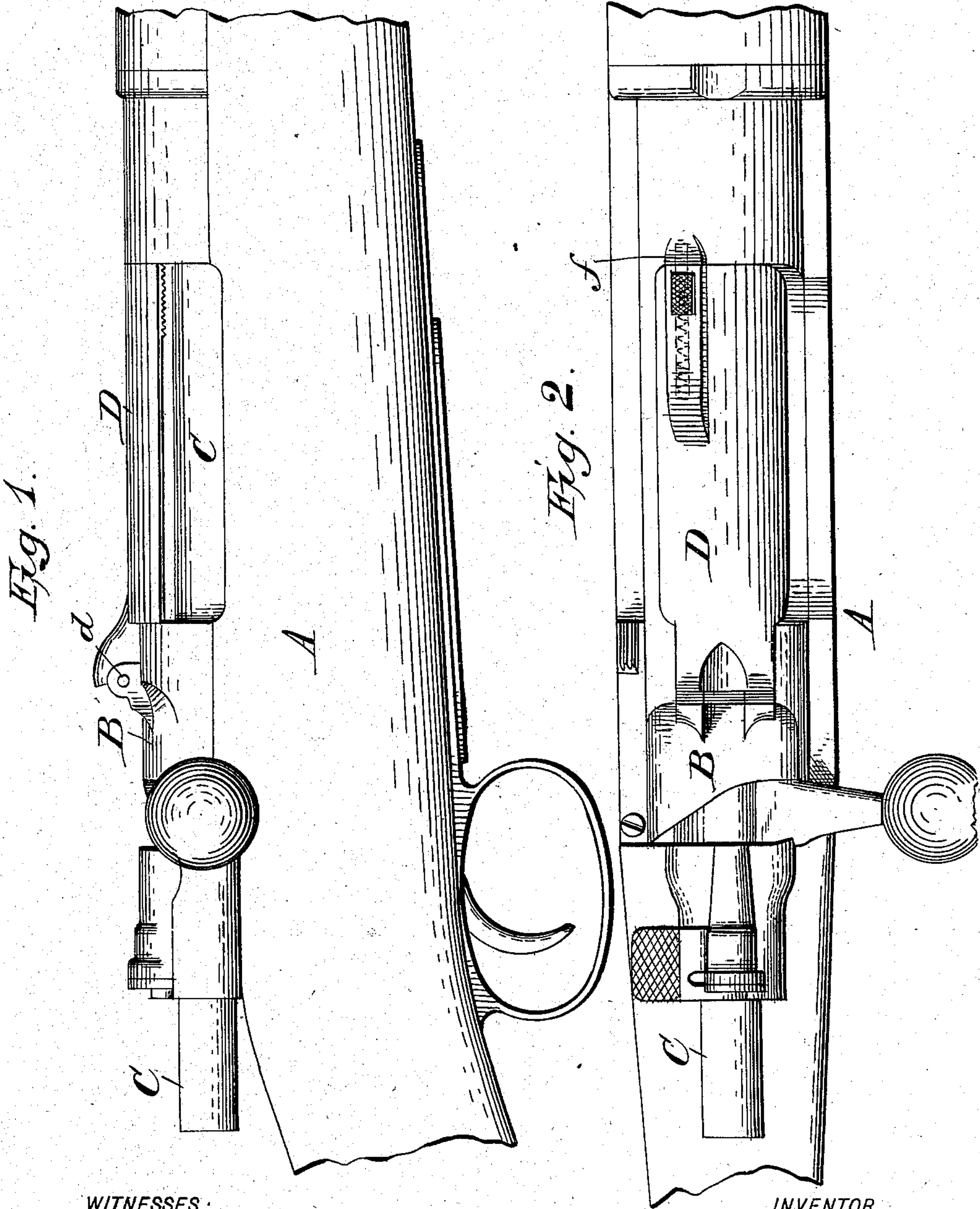
No. 722,125.

PATENTED MAR. 3, 1903.

A. MILLS.
MAGAZINE FIREARM.
APPLICATION FILED AUG. 13, 1902.

NO MODEL.

2 SHEETS—SHEET 1.



WITNESSES:
Frank L. Ourand
Geo F. Havell

INVENTOR
Alexander Mills
BY
Marshall Bailey
ATTORNEY.

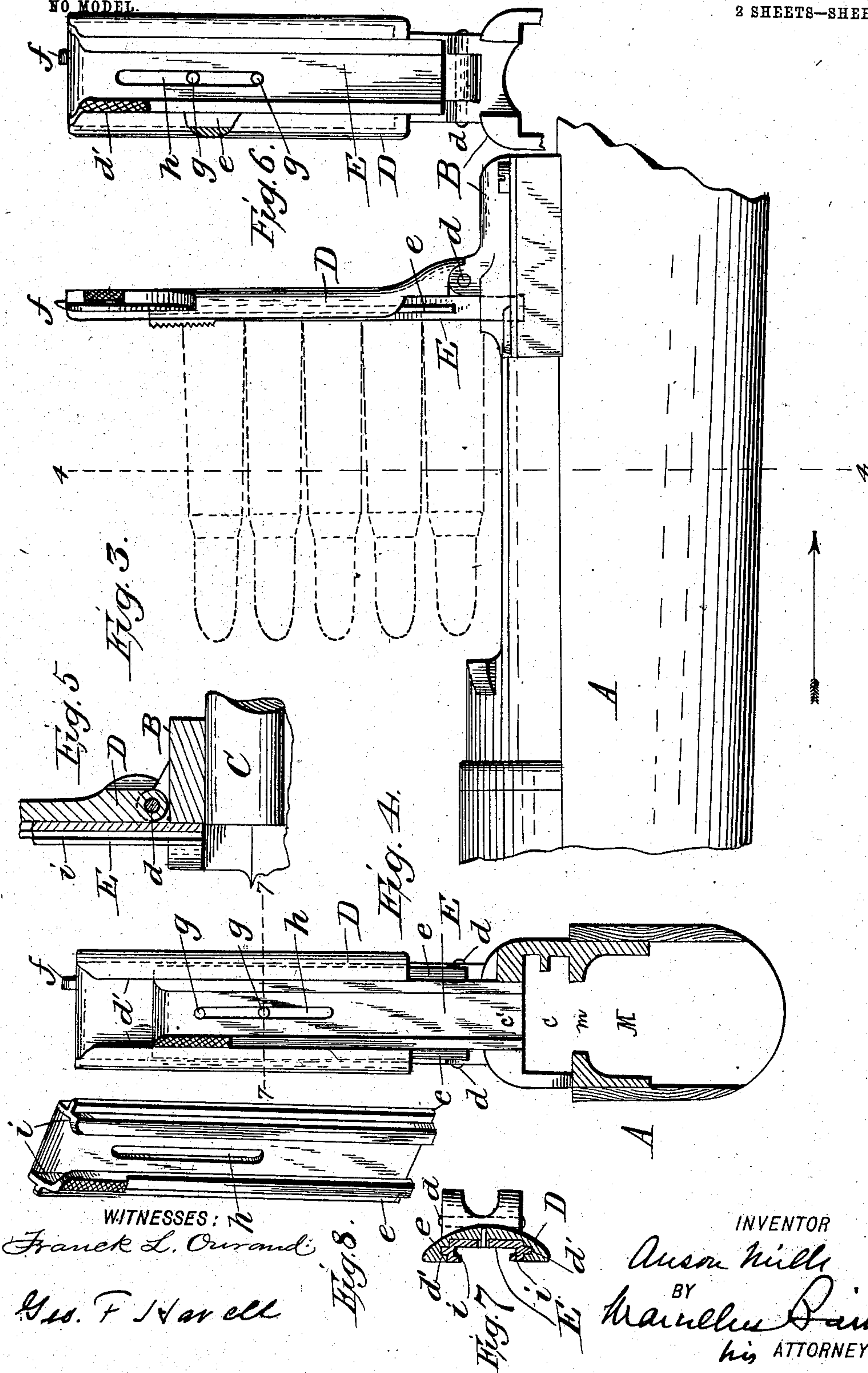
No. 722,125.

PATENTED MAR. 3, 1903.

A. MILLS.
MAGAZINE FIREARM.
APPLICATION FILED AUG. 13, 1902.

NO MODEL.

2 SHEETS—SHEET 2.



WITNESSES:
Frank L. Ourand
Geo. F. Harrell

INVENTOR
Aaron Mills
BY
Marshall Bailey
his ATTORNEY

UNITED STATES PATENT OFFICE.

ANSON MILLS, OF WASHINGTON, DISTRICT OF COLUMBIA.

MAGAZINE-FIREARM.

SPECIFICATION forming part of Letters Patent No. 722,125, dated March 3, 1903.

Application filed August 13, 1902. Serial No. 119,527. (No model.)

To all whom it may concern:

Be it known that I, ANSON MILLS, of the United States Army, (retired,) a citizen of the United States, residing in Washington city, in the District of Columbia, have invented a new and useful Improvement in Magazine-Firearms, of which the following is a specification.

In magazine-firearms in which the ammunition is inserted into the magazine through the open top of the breech-frame the cartridges composing the charge, some five in number, are usually associated together and held in a metallic clip. Such, for example, is the practice in the case of a Mauser rifle. The soldier carries a number of these charged clips on his person, and whenever he desires to charge the magazine of his rifle he, after opening the breech, takes one of these charged clips, applies it in upright position to the rifle, so that one of its ends will fit and be held in a guide-way formed for it in the breech-frame, and then pushes the cartridges down out from the clip into the magazine below. The clip is then removed from the rifle and in active service at least is usually thrown away.

What I propose is to incorporate a guide-clip into the gun itself, so that it shall always be there at hand and in readiness to receive a charge of cartridges and to form a means by which the latter can be guided and directed into the magazine, hinging the clip to the gun somewhat after the fashion of the graduated hind sight of a gun, so that it may be turned up when it is to be used and turned down out of the way when its services are not required.

In the accompanying drawings, to which reference will now be made in order to more fully explain my invention, Figure 1 is a side elevation, and Fig. 2 is a plan, of so much of a rifle of the Mauser pattern as is needed to illustrate the invention. In both of these figures the bolt of the gun is pushed forward in the breech-frame, the breech is closed, and the guide-clip is turned down. Fig. 3 is a side elevation of the same with the guide-clip turned up, showing in dotted lines a charge of five cartridges inserted into and held in it. Fig. 4 is a section on line 4 4, Fig. 3, omitting the internal works of the magazine and other parts of the gun. Fig. 5 is a vertical section of the lower part of the guide-clip. Fig. 6 is

a face view of the guide-clip with the movable clip proper raised. Fig. 7 is a section on line 7 7, Fig. 4. Fig. 8 is a perspective view of the movable clip proper.

A is the stock of the gun. B is the breech-frame. C is the breech-bolt for closing the breech, arranged to fit and slide back and forth in a longitudinal guide-chamber *c*, formed for it in the breech-frame. The breech-frame has on top an opening *c'* in said longitudinal guide-chamber (which opening is of about the length of a cartridge) for the insertion through said opening *c'* and chamber *c* of cartridges into the magazine M, located beneath said chamber and communicating therewith through an opening *m*, Fig. 4, to be closed, as usual, by an upwardly-spring-pressed follower. (Not shown.) All these parts of the gun are of known construction, being found in magazine-rifles of the Mauser type now in use, and they require, therefore, no detailed description or illustration.

The guide-clip is shown as hinged at *d* to the top of the breech-frame in rear of the opening *c'* therein. It is of such length that when turned down it is received in and extends to the front wall of the opening *c*, as seen in Figs. 1 and 2, in which position it is held by a spring-latch *f* or other suitable means. The clip is so formed that when turned down it will form, in effect, a cover for the bolt when the latter is pushed forward and will be practically flush with the top of the breech-frame, so as not to interfere with the line of sight, for which purpose the latch *f* also is located to one side of the longitudinal axis of the gun, as seen in Fig. 2. It is also so formed, as indicated in Fig. 1, that when turned down it will not obstruct the side portion of opening *c'*, through which the empty cartridge-shells are ejected.

The guide-clip in the present instance is formed of the clip proper, E, and the holder therefor, D. The holder is the part that is hinged at *d* to the breech-frame, and it is provided at its longer edges with guide-grooves *d'*. The clip proper, E, has side flanges *e*, which are received in the guide-grooves *d'*, which latter retain the clip proper in the holder D, while permitting it to slide up and down on the latter, the extent of the sliding movement

being limited by pins *g* on the holder *D*, which project into a longitudinal slot *h*, formed in the clip proper, and it has also internal longitudinal grooves *i* to receive the flanged heads of the shells of the cartridges inserted in the clip, these grooves being flared a little at the top to facilitate the entrance of the cartridges.

When the guide-clip is in position for use, it is in the upright position shown in Figs. 3 and 4, with the clip proper, *E*, pushed down, so that its heel or lower end will reach into the cavity or chamber *c* in the breech-frame in which the bolt moves. The heads of the cartridges comprising the charge are then inserted into the clip proper, as indicated by dotted lines in Fig. 3, and the cartridges are then pushed down in the usual way out from the clip and into the magazine below. When the guide-clip is no longer needed, the clip proper, *E*, is slid up or raised in the holder *D*, so that its heel will be above the level of the breech-frame, and the holder *D* is then turned down. The clip proper, *E*, when in its low position, as shown in Figs. 3 and 4, prevents the holder *D* from being turned down. It is only when it is raised so as to clear the breech-frame, as in Fig. 6, that the device can be turned down upon its hinge *d*.

In conclusion I state that I do not limit myself to the structural details hereinbefore set forth in illustration of my improvement, for

manifestly the same can be varied widely without departure from the spirit of the invention; but

What I claim herein as new, and desire to secure by Letters Patent, is as follows:

1. In a magazine-firearm, the breech-frame provided with a chamber *c* for the breech-bolt, and an opening *c'* in said chamber, and the magazine beneath said chamber, in combination with a guide-clip hinged to the breech-frame at one end of the opening *c'*, adapted when turned down to lie in said opening in the breech-frame out of the way, and when turned up to receive a charge of cartridges and guide and conduct the same down through the opening *c'* and chamber *c*, into the magazine, substantially as set forth.

2. In a magazine-firearm the combination with the breech-frame of a guide-clip consisting of a holder hinged thereto, and a clip proper constituting a guideway for the charge of cartridges to be delivered to the magazine, held to and longitudinally movable on said holder, substantially as and for the purposes hereinbefore set forth.

In testimony whereof I have hereunto set my hand this 12th day of August, 1902.

ANSON MILLS.

Witnesses:

EWELL A. DICK,
MARCELLUS BAILEY.