F. HARDY.

DEVICE FOR EMPTYING THE MAGAZINES OF REPEATING SHOTGUNS.

APPLICATION FILED MAR. 25, 1909.

938,851. Patented Nov. 2, 1909.

FIG. 1.

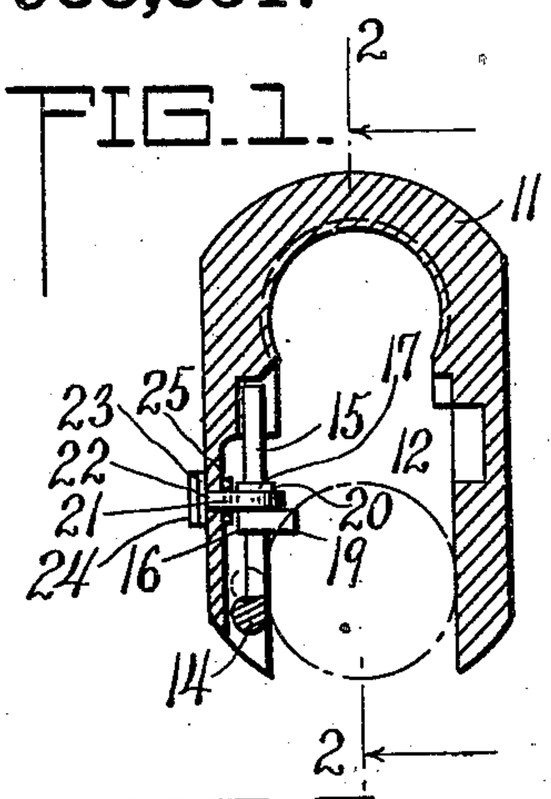


FIG. 2.

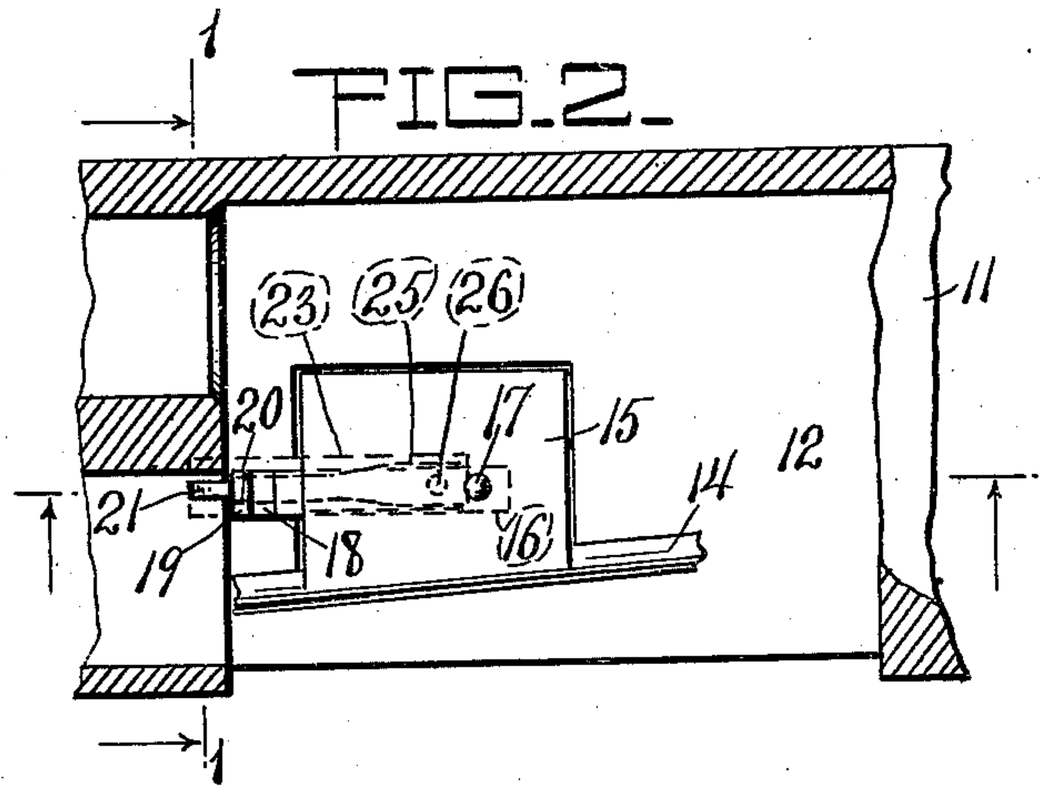


FIG. 3.

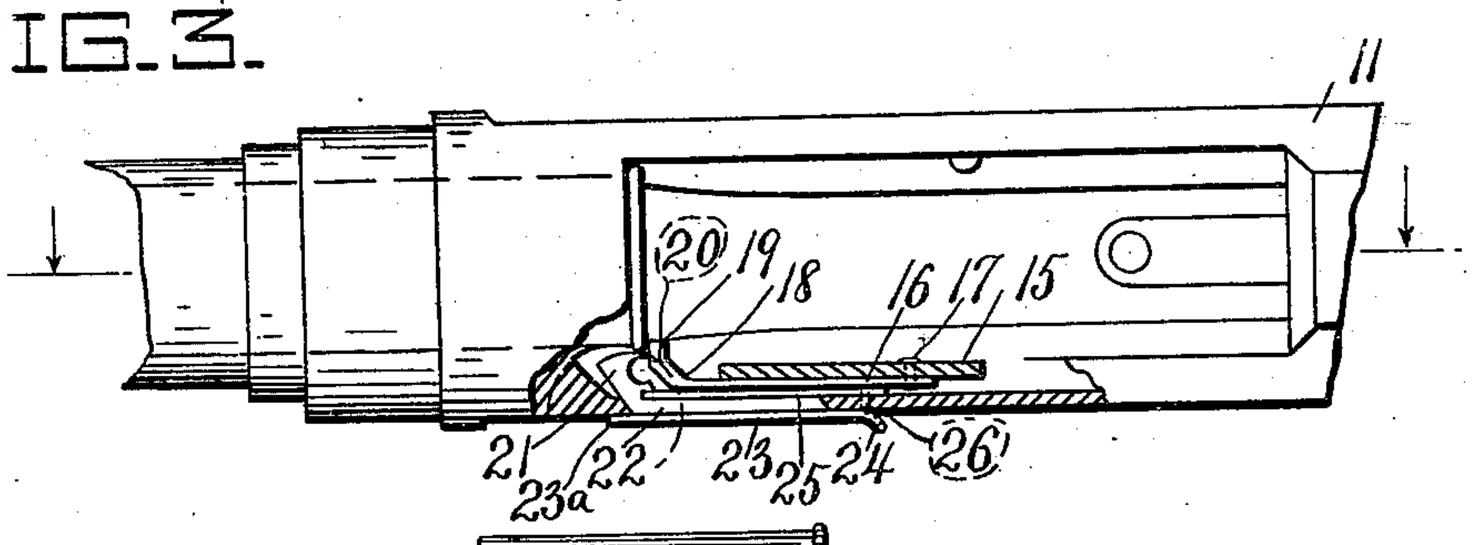


FIG. 4.

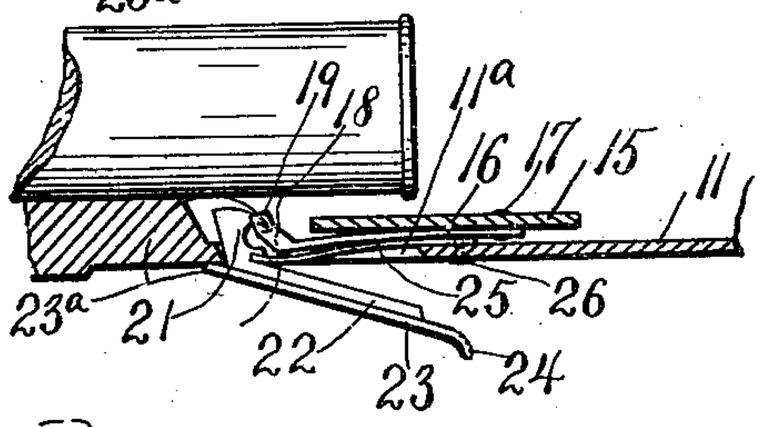
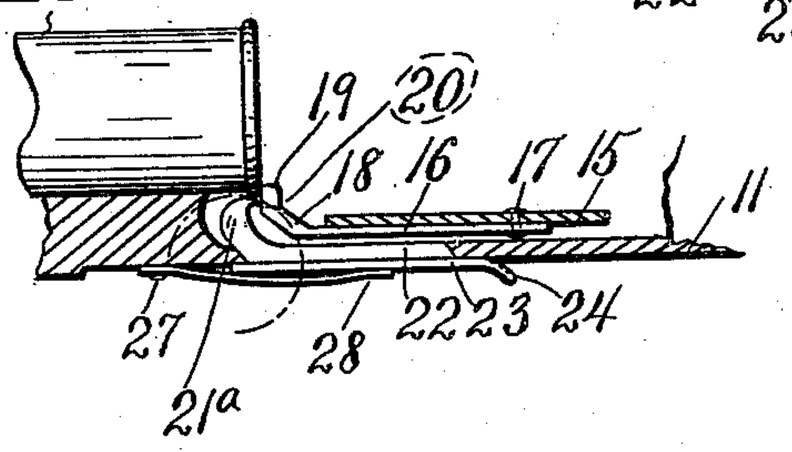


FIG. 5.



Witnesses

W. E. Allen.

E. M. Chamney

Inventor

Frederick Hardy.

By Walter Allen

Attorney

ANDREW. B. GRAHAM CO., PHOTO-LITHOGRAPHERS, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

FREDERICK HARDY, OF COLUMBIA, TENNESSEE, ASSIGNOR TO RICHARD EDGAR HAYNES, TRUSTEE, OF COLUMBIA, TENNESSEE.

DEVICE FOR EMPTYING THE MAGAZINES OF REPEATING SHOTGUNS.

938,851. Specification of Letters Patent. Patented Nov. 2, 1909.

Application filed March 25, 1909. Serial No. 485,648.

To all whom it may concern:

Be it known that I, FREDERICK HARDY, a citizen of the United States of America, residing at Columbia, in the county of Maury and State of Tennessee, have invented a new and useful Device for Emptying the Magazines of Repeating Shotguns, of which the following is a specification.

Heretofore it has been necessary to operate the breech mechanism each time that a loaded cartridge was to be withdrawn from the magazine of a repeating shot gun, and the object of my invention is to enable loaded cartridges to be withdrawn from the magazine of the gun in a simple and effective manner without operating the breech mechanism.

Figure 1 is a cross section of a repeating shot gun through the cartridge chamber. Fig. 2 is a longitudinal section on the line 2—2 of Fig. 1 looking in the direction of the arrows. Fig. 3 is an underside view partly in section of the portion of gun shown in Fig. 2. Fig. 4 is a detail of the unloading mechanism, in operating position. Fig. 5 is a detail of a modification of the unloading mechanism.

11 is a portion of a gun provided with the usual chamber 12, carrier spindle 14, cartridge-carrying wing 15, carrying the spring 16, secured by a rivet 17, the spring 16 having a head 18 provided with a projecting portion 19 which is positioned in the line of movement of the loaded cartridges from the magazine and which serves to prevent their being pushed out by the spring at the other end of the magazine, except when desired.

20 is a shelf on the head 18 at the base of the projection 19.

21 is the head of a lever 22 having a base 23 provided with a finger grip 24 and operating through a slot in the side of the gun. The lever is held in position by the spring 25, secured by rivet 26 to the gun, coöperating with the inclined sides of the slot 11^a.

When, by means of a finger pulling outward on the base 23 of the lever 22, the head 21 is caused to move forward and outward, the tip of the head comes in contact with the shelf 20 of the spring 16, the spring is pushed back or outward, withdrawing its head 19 from the path of the cartridges in the magazine, and permitting them to pass into the open chamber from which they may be picked by the operator or dropped into the hand, the base plate 23 finding a fulcrum at the end 23^a against the side of the gun. On release of the base 23 by the finger, the spring 25 returns the lever 22 to normal or inactive position and the head 19 being released from the pressure of the head 21 returns to guard the end of the magazine bore.

In Fig. 5 I have shown a modification in which the spring is mounted on the outside of the gun, being secured at a point 27, and pressing at 28 against the lever base 23. In this case the lever head 21^a acts against the shelf 20 in a similar manner to that of the other form.

In its inoperative position the lever head 21 is out of the path of the movement of the wing 15, permitting it to do the work for which it was designed, without interference from the unloading device which is the present invention.

It is to be noted that the movement of the lever head 21 is both forward and outward, and the movement of the spring head 19 outwardly only, and that in this movement the head 21 does not come in the path of the cartridges from the magazine.

Having thus described my invention the following is what I claim as new therein and desire to secure by Letters Patent:

1. The combination, with a magazine, a portion of a gun having a cartridge chamber, and a cartridge carrying wing carrying a spring for retaining the cartridges in the magazine; of means mounted in the wall of the cartridge chamber for depressing the spring and releasing the cartridges.

2. The combination of a magazine, a portion of a gun having a cartridge chamber and a cartridge carrying wing carrying a spring, for retaining the cartridges in the magazine, provided with a shelf, and a lever mounted in the wall of the cartridge chamber and having a head adapted to engage the shelf for depressing the spring and releasing the cartridges.

FREDERICK HARDY.

Witnesses:
WALTER ALLEN,
W. E. ALLEN.