

H. SUNNGÅRD.  
AUTOMATIC FIREARM.  
APPLICATION FILED JAN. 11, 1910.

972,087.

Patented Oct. 4, 1910.

Fig.1.

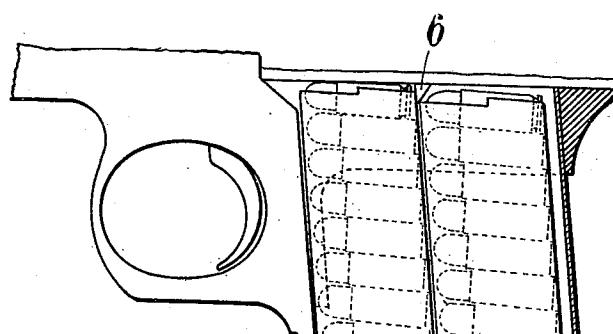


Fig.2.

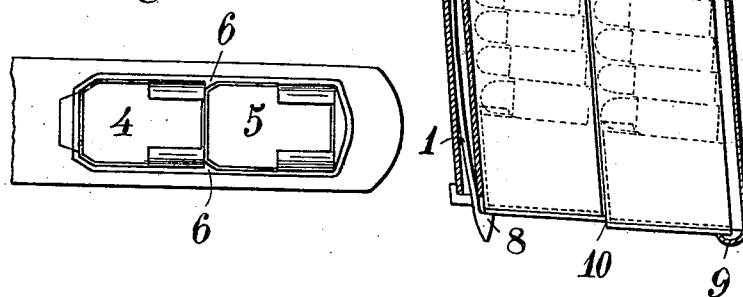
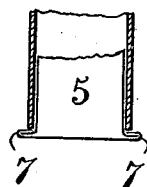


Fig. 3.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## AUTOMATIC FIREARM.

972,087.

Specification of Letters Patent.

Patented Oct. 4, 1910.

Application filed January 11, 1910. Serial No. 537,416.

To all whom it may concern:

Be it known that I, HARALD SUNNGÅRD, a subject of the King of Norway, residing at Christiania, Norway, have invented certain new and useful Improvements in Automatic Firearms; 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 appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

15 My invention relates to automatic firearms and more especially to improvements in the magazines for automatic pistols having the magazine located in the handle of the arm.

20 The object of my invention is to provide means, whereby the reloading of the pistol is greatly facilitated.

It is a matter of experience, that the soldiers in the excitement of a close fight, especially in the dark, rarely succeed in reloading the pistol. Now, according to my invention this operation is greatly simplified by providing in the handle sufficient space for two magazines or cartridge holders, one behind the other, and so arranged that in their normal position only the foremost one will project its uppermost cartridge into the way of the loading device, and so, that when this holder is empty and 35 drawn out of the handle, only a simple pushing movement is needed for automatically bringing the auxiliary cartridge-holder in operative position.

40 My invention consists in the general idea of arranging in the manner and to the purpose described two cartridge-holders in the handle of an automatic pistol, but the invention also comprises specific means for realizing the invention in a simple and efficient manner, and in the drawings I have 45 shown one form of carrying out my invention, it being understood, that I do not limit my invention to this special form shown only as an example.

50 In the drawings: Figure 1 is a side view partly in section of so much of a pistol as necessary to illustrate the invention and the operation of the device; Fig. 2 is a top plan view and Fig. 3 a vertical section through the 55 lower portion of the handle and of the cartridge-holder placed therein.

As will be seen from Figs. 1 and 2, 4 designates a cartridge-holder in active position and 5 the auxiliary magazine disposed behind the former in the handle. At the upper interior edges of the handle behind the foremost cartridge-holder are provided side lugs 6, which serve as upper rear supports for the cartridge-holder placed foremost in the handle. The cartridge-holders themselves are each provided with a feeding mechanism and may be of any suitable type and construction; in the example shown the bottom edges have lateral flanges or lugs 7, which by engaging the bottom side edges 60 of the handle limit the movement of the cartridge-holders in the upward direction. 70

The foremost magazine is prevented from falling down by the nose 8 of a spring 1 disposed on the inside of the front wall of 75 the handle. The auxiliary cartridge-holder, which as shown has a somewhat lower position than the foremost one, is in the example shown prevented from falling down by resting on the inwardly bent edge 9 of the 80 back wall of the handle.

When inserting the cartridge-holders in the handle, the auxiliary holder is first put in its place, and thereupon the foremost holder is pushed into position so as to be 85 caught by the spring 1. When there is no auxiliary cartridge-holder in the handle, the projecting flanges 7 limit the movement in the backward direction of the foremost cartridge-holder, these flanges engaging the offset 90 10 in the side walls of the handle.

The insertion into active position of the auxiliary cartridge-holder 5 is in the example shown performed in the following manner: The pistol is being kept in the right hand with the muzzle downward. The forefinger is pressed against the lug or nose 8 of the magazine spring 1, while the thumb and middle finger are clasping around the projecting flanges 7 of the foremost cartridge-holder, which is thereby pulled out. The auxiliary cartridge-holder 5 will in consequence thereof be moved toward the front wall of the handle by grasping the flanges 7 and lowering the magazine so that the upper end thereof clears the lugs 6 at the upper interior sides of the handle, whereupon the magazine will fall into contact with the front wall of the handle. By exercising a pressure with the thumb against the bottom 95 of the cartridge-holder, the magazine spring 100 will be tightened, and the cartridge-holder 105 will be held in position. 110

will slip up into the position, which formerly the other cartridge-holder had, and will be maintained in place by the nose 8 of the spring 1, the flanges 7, the steps 10 on the lower edges of the handle and by the lugs 6 at the top of the handle.

Claims.

- 5 1. An automatic pistol comprising a hollow handle adapted to receive a plurality of cartridge holders one behind the other, means to secure one of said holders in operative position within the handle, and means coöperating with said positioned holder to secure the second holder in inoperative position.
- 10 2. An automatic pistol, comprising a hollow handle adapted to receive two cartridge holders, means for securing one of said holders near the front wall of the handle in operative position and means for securing between this cartridge holder and the rear wall of the handle an auxiliary cartridge holder in inoperative position.
- 15 3. An automatic pistol, comprising a handle adapted to receive two cartridge holders, means for securing one of said holders near the front wall of the handle in operative position, said means adapted to

release the holder so it may be withdrawn in its longitudinal direction, means for securing between this cartridge holder and the rear wall of the handle an auxiliary cartridge holder in inoperative position, said inoperative holder adapted to be moved into operative position after removal of the front cartridge holder, without being taken out of the handle.

- 30 4. An automatic pistol, comprising a hollow handle adapted to receive a plurality of cartridge holders, a spring behind the front wall of the handle having a nose projecting below the latter adapted to engage the lower edge of the front holder, a flange formed on the lower edge of the rear wall of the handle adapted to engage the lower edge of the rear cartridge holder, and laterally projecting lugs formed on the upper interior edges of the handle behind the front holder, for the purpose specified.

In testimony that I claim the foregoing as my invention, I have signed my name in presence of two subscribing witnesses.

HARALD SUNNGÅRD.

Witnesses:

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