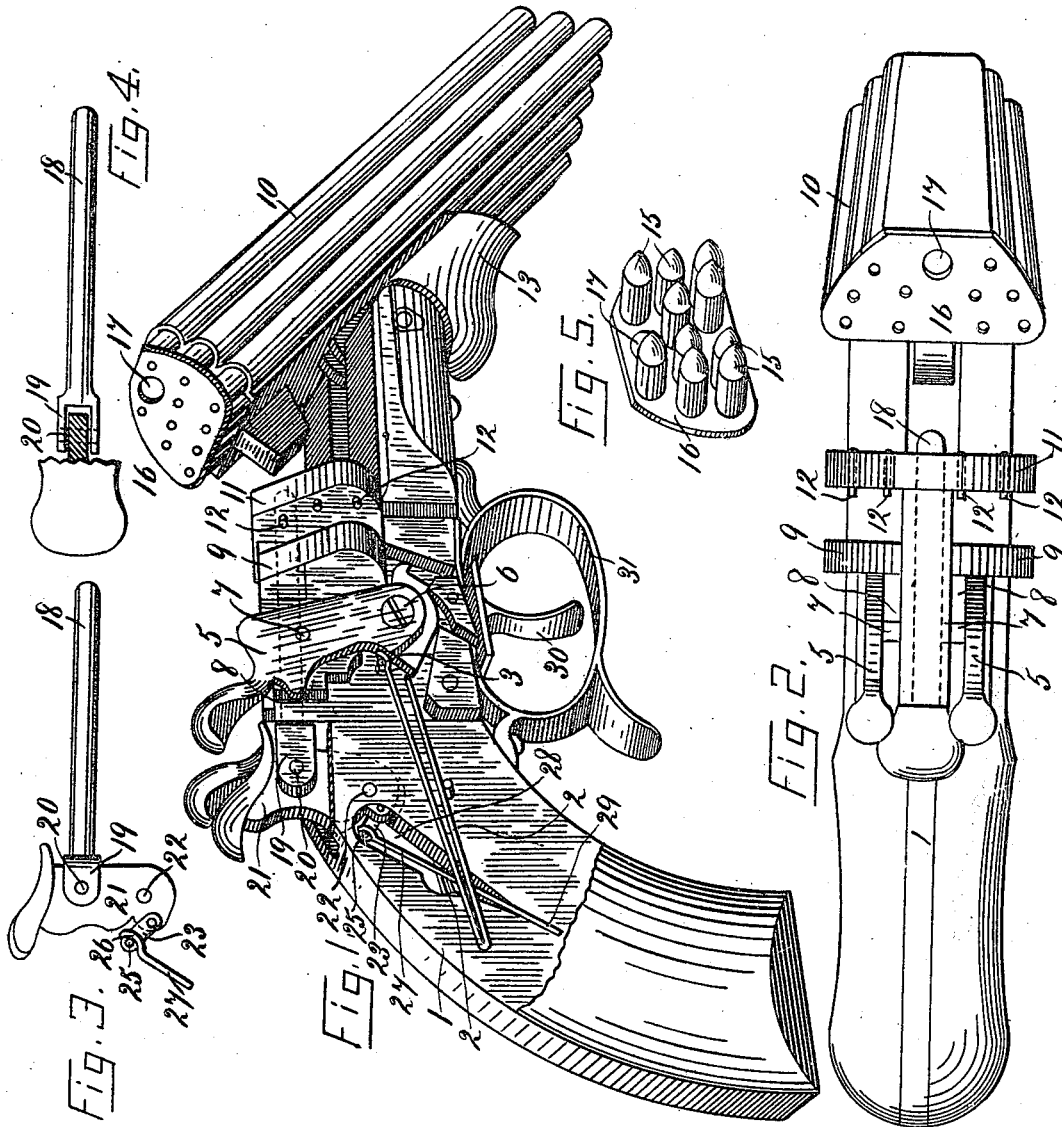


G. TESTA.
FIREARM.

(Application filed June 20, 1898.)

(No Model.)



WITNESSES:

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FIREARM.

SPECIFICATION forming part of Letters Patent No. 628,130, dated July 4, 1899.

Application filed June 20, 1898. Serial No. 684,016. (No model.)

To all whom it may concern:

Be it known that I, GIUSEPPE TESTA, of New York, in the county of New York and State of New York, have invented new and useful improvements in Firearms; and I do hereby declare the following to be a full, clear, and exact description of said invention, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

This invention relates to improvements in locking and firing mechanism of breech-loading firearms in which a plurality of barrels are employed; and the object thereof is to provide a simple, inexpensive, and durable device of this character adapted to lock the barrels in firing position and to explode all the cartridges in the several barrels at once.

The invention will be hereinafter fully described, and specifically set forth in the annexed claims.

In the accompanying drawings, Figure 1 is a perspective view of the device in open position, the cartridge-plate being partially thrown out of engagement with the gun-barrels. Fig. 2 is a plan view of the same. Fig. 3 is a side elevation of the locking-pin, the spring being partly broken away. Fig. 4 is a plan view of the locking-pin, showing the method of connection with the spring-actuated lever operating the same; and Fig. 5 is a perspective view of the cartridge-plate, to which are attached the loaded cartridges.

In applying my invention I employ a stock 1, to the opposite sides of which the mainsprings 2 are fixed in any approved manner, each of these springs being connected by means of the links 3 to the hammer 5, which is pivoted to the stock by means of a screw 6. Near the upper end of the hammer 5 the pin 7 is fixed, which projects inwardly and engages with a suitable hole in the block 8. This block 8 is adapted to slide on the side of the stock 1, and to its forward end is fixed the right-angular projecting plate 9, carried by said block, adapted to slide forwardly and rearwardly, and being actuated by the hammer 5.

Mounted upon the frame forward of the sliding plate 9 and adjacent to the rear end of the barrels 10 when in closed position is the breech 11. This breech 11 has a series of

holes therein, preferably opposite the center of the barrels, and in which the firing-pins 12 are adapted to slide.

The barrels 10 are mounted upon a block 13, pivoted to the forward end of the stock in the usual manner, and are provided with a cartridge-ejector of any approved type adapted to eject the cartridge-plate when the barrels are thrown into open position.

Cartridges 15 are mounted upon the plate 16 in such a manner as to register with the barrels of the device. At a point near the upper edge of the cartridge-plate 16 a hole is formed therein, this hole being adapted for engagement with the locking-pin 18 when the barrels are in closed position, the object of the locking-pin being to prevent the accidental displacement of the barrels during the firing operation.

The locking-pin 18 is provided at its rear end with a yoke 19, connected by means of the pivot 20 with the lever 21, which is in turn connected to the stock by means of the pivot 22. At the lower rearward portion of the lever 21 the link 23 is pivoted thereto, the free end of said link being provided with a pin 25, adapted for engagement with the curved end 26 of the spring 27. A suitable slot 28 in the stock allows the free end of this spring, connected with the link, to play, the opposite end 29 being fixed to the narrow portion of said slot at its lower end. The locking-pin 18 is adapted to slide longitudinally in a suitable hole in the upper part of the stock in line with the hole 17 of the cartridge-plate when the arm is closed.

The trigger 30 and finger-guard 31 of the type used in similar arms is applied in connection with this device.

In the operation of the device, the hammer being thrown back, the cartridge-plate, carrying the cartridges, is placed in position at the rear end of the barrels and thrown into engagement with the breech, where it is held by the action of the sliding locking-rod 18, which automatically enters the hole 17 in the cartridge-plate and prevents displacement of the barrels. The firing-pins are in the positions shown in Figs. 1 and 2. When the trigger is pulled, the action of the mainsprings 2 causes the upper portion of the hammer to be thrown forward, carrying with them the

blocks 8 8, carrying the plates 9 9. The forward faces of these plates coming in contact with the rear ends of the firing-pins forces them through the breech and explodes all the cartridges at once. The lever is then pressed rearwardly, withdrawing the locking-pin 18 from the hole 17 of the cartridge-plate, releasing the barrels, which may then be thrown into unlocked position.

10 Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

15 1. In a breech-loading firearm, the combination of the locking-pin 18, the yoke 19 formed integrally therewith, the lever 21 pivoted to said yoke, the link 23 pivoted to said

lever, the spring 27 fixed in the slot 28 of the stock.

2. In a breech-loading firearm, the combination with the breech 11, the firing-pins 12 mounted thereon, the sliding plates 9 fixed to the plate 8, said plate being pivoted to the hammer, and the spring-actuated slidable locking-pin 18 adapted for engagement with the hole 17 of the cartridge-plate.

25 In testimony whereof I affix my signature in presence of two subscribing witnesses.

GIUSEPPE TESTA.

Witnesses:

CONSTANT BRUGGER,
JOHN HENRY HULL.