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Patented Jan. 10, 1911.

4 SHEETS—SHEET 1.

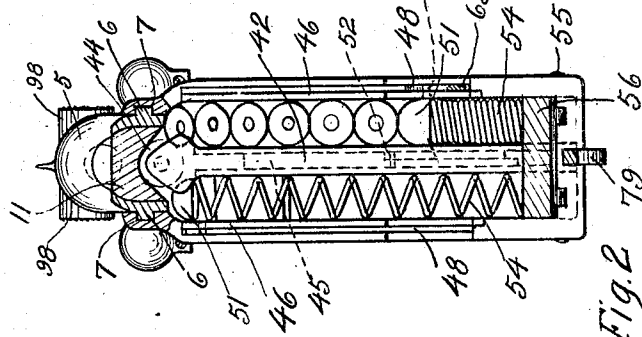
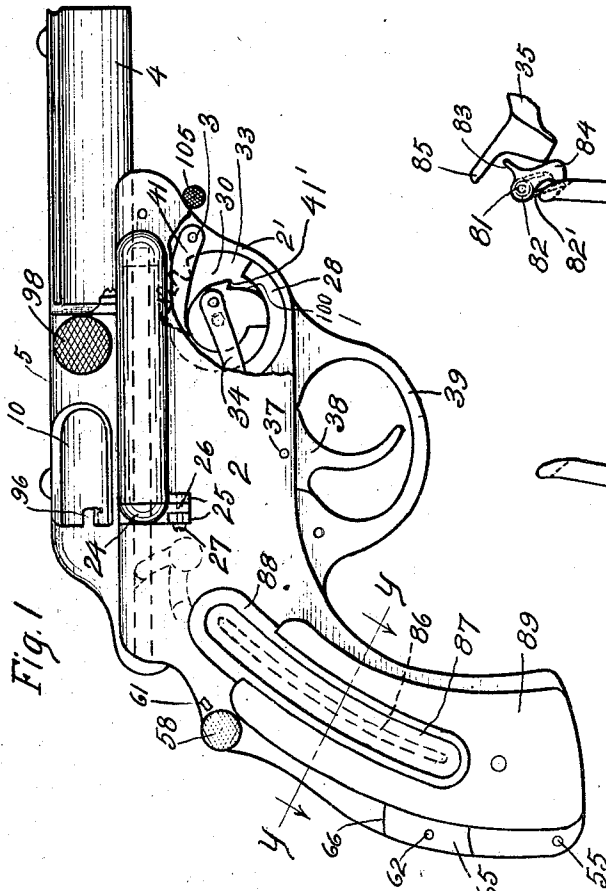


Fig. 2

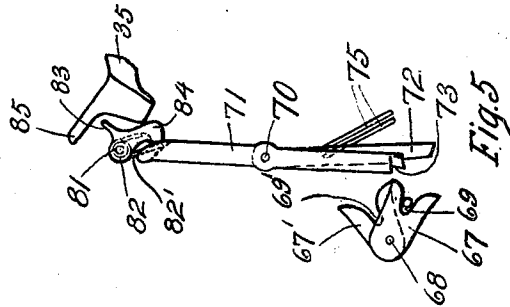


Fig. 3

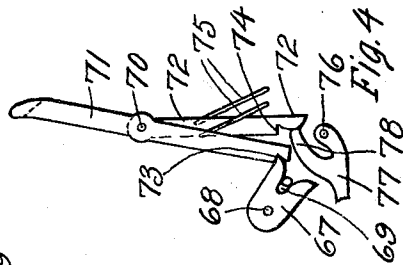


Fig. 4

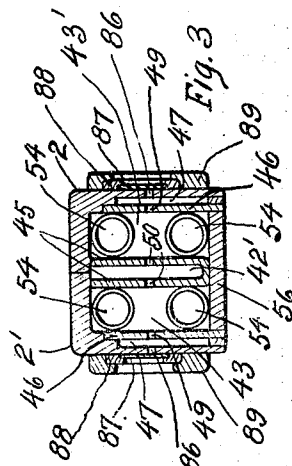


Fig. 5

Witnesses:

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A. A. Olson

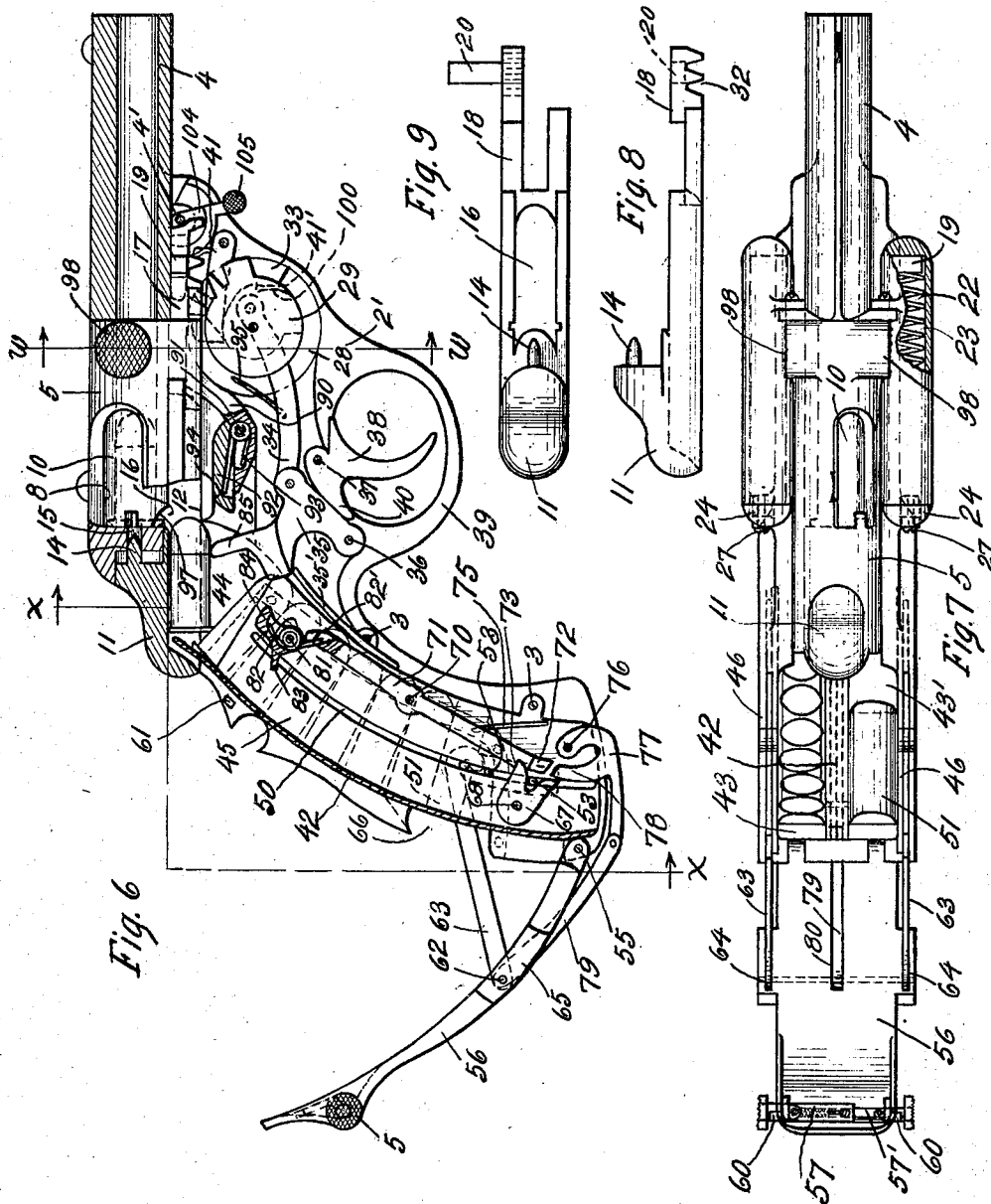
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4 SHEETS—SHEET 2.



Witnesses:
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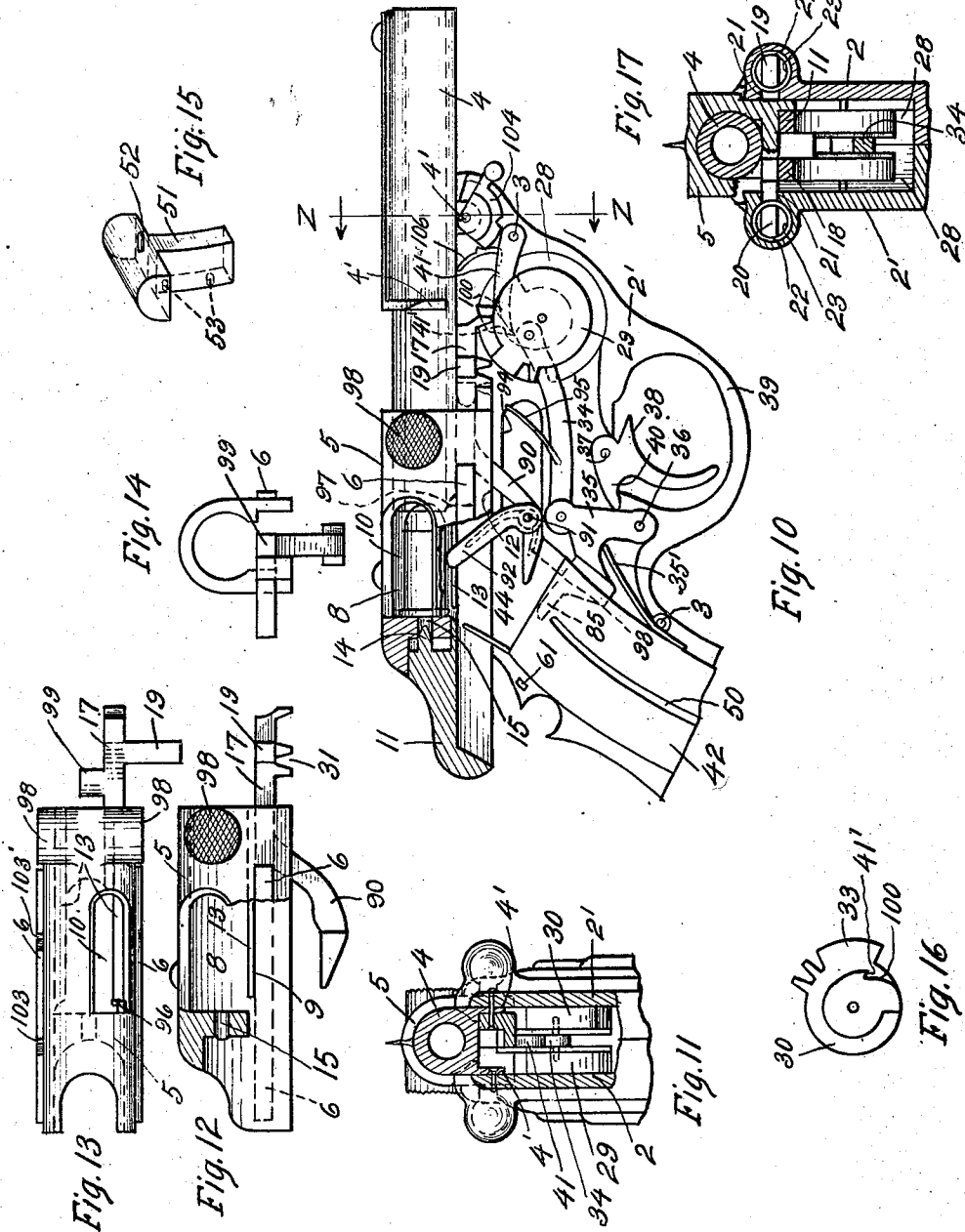
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G. MAGGIO.
MAGAZINE PISTOL.
APPLICATION FILED AUG. 1, 1910.

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4 SHEETS—SHEET 3.



Witnesses:
H. J. Hanson
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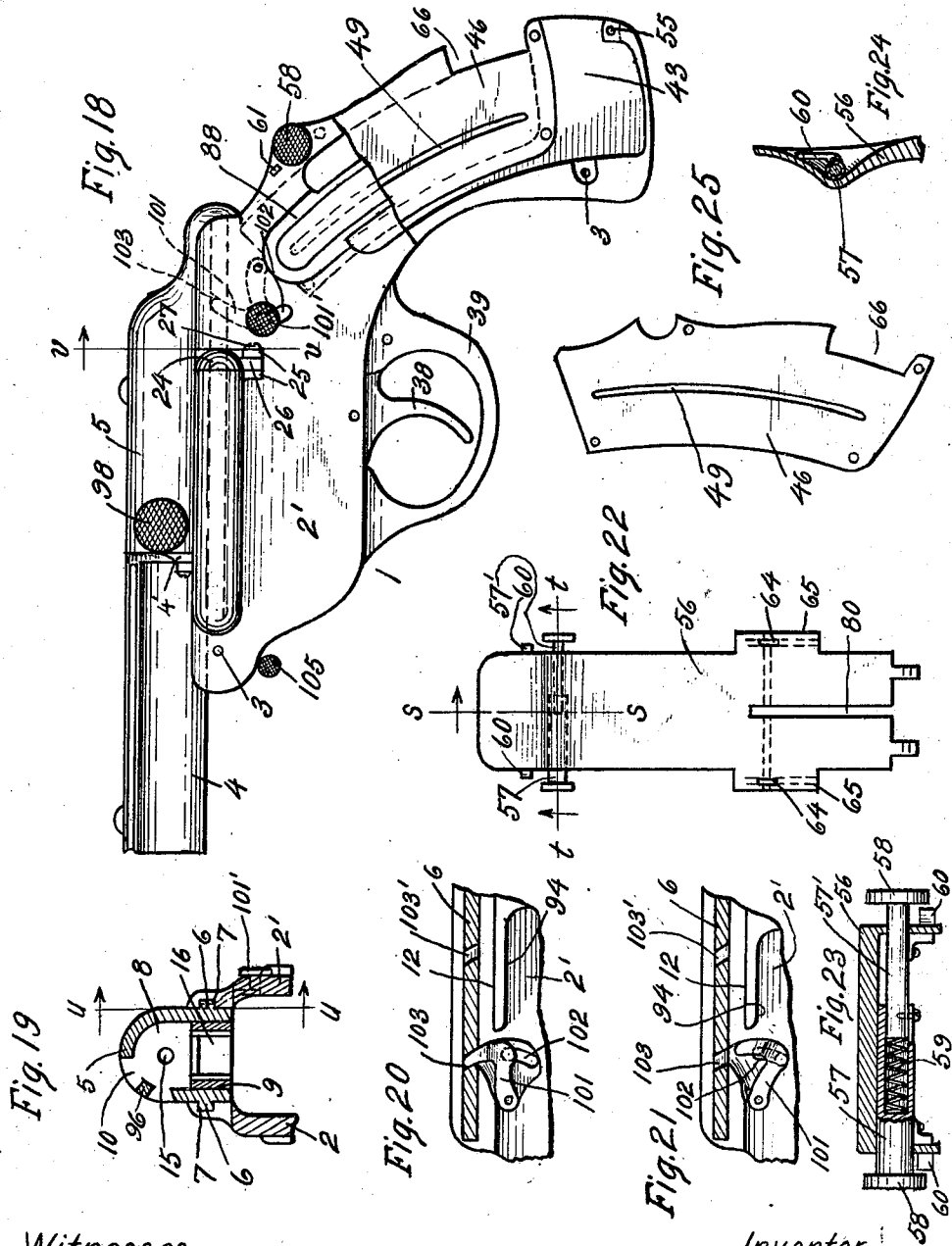
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4 SHEETS—SHEET 4.



Witnesses
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UNITED STATES PATENT OFFICE.

GIOACCHINO MAGGIO, OF CHICAGO, ILLINOIS.

MAGAZINE-PISTOL.

980,980.

Specification of Letters Patent.

Patented Jan. 10, 1911.

Application filed August 1, 1910. Serial No. 574,896.

To all whom it may concern:

Be it known that I, GIOACCHINO MAGGIO, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Magazine-Pistols, of which the following is a specification.

My invention relates to fire-arms and more specifically to that class thereof known as magazine pistols.

The object of my invention is the provision of a pistol of the character mentioned which will be adapted in operation to automatically feed the cartridges to firing position and which will be adapted simultaneously to automatically expel the spent cartridges.

A further object of my invention is the provision of a magazine-pistol which will be of durable and economical construction and efficient in operation.

Other objects will appear hereinafter.

With these objects in view my invention consists in a magazine-pistol characterized as above mentioned and in certain details of construction and arrangement of parts all as will be hereinafter fully described and more particularly pointed out in the appended claims.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a side elevation of a pistol embodying the preferred form of my invention, a portion of the outer casing thereof being broken away to expose underlying parts. Fig. 2 is a transverse section taken on substantially line $x-x$ of Fig. 6. Fig. 3 is a transverse section taken on line $y-y$ of Fig. 1. Figs. 4 and 5 are details of certain spring pressed levers provided in the magazine of the pistol, and certain parts co-operating therewith, the several parts being shown in different positions in the two views. Fig. 6 is a sectional side elevation of the pistol, the magazine being shown in open condition. Fig. 7 is a top plan view thereof. Figs. 8 and 9 are a side elevation and a plan view respectively of the breech block. Fig. 10 is a sectional side elevation of the pistol showing the trigger pulled back and the several parts actuated thereby in positions just previous to firing. Fig. 11 is a transverse section taken on substantially line $z-z$ of Fig. 10. Figs. 12, 13 and

14 are a sectional side elevation, a top plan view, and an end elevation respectively of the movable cartridge receptacle or carrier included in the construction. Fig. 15 is a detail perspective of one of the feeding blocks arranged in the magazine chambers of the pistol. Fig. 16 is a detail side elevation of a mutilated gear embodied in the construction. Fig. 17 is a transverse section taken on substantially line $w-w$ of Fig. 6. Fig. 18 is a side elevation of the pistol, a portion of the casing at the handle being broken away to expose underlying parts. Fig. 19 is a detail transverse section taken on substantially line $v-v$ of Fig. 18. Fig. 20 and 21 are sectional details taken on substantially line $u-u$ of Fig. 19, the pivoted safety lock or detent included therein being shown in operative and inoperative positions. Fig. 22 is a detail front elevation of the magazine chamber closure, detached. Fig. 23 is an enlarged transverse section on substantially line $t-t$ of Fig. 22. Fig. 24 is a longitudinal section on line $s-s$ of Fig. 22, and Fig. 25 is a detail side elevation of one of the plates arranged in the magazine chambers.

Referring now to the drawings, 1 indicates the body or frame of the pistol which consists of two similar side plates 2 and 2', the latter being rigidly connected at intervals by transversely extending pins 3. At the upper end of the frame 1 is mounted the barrel 4, the latter being provided at its central and forward end portions with integral depending ears 4', which are rigidly secured to said frame plates, as shown in Figs. 11 and 18, preferably by screws or rivets. Slidably mounted upon the rearward end portion of the barrel 4 is a tubular cartridge receptacle or carrier 5, the lateral surfaces of the latter being provided with longitudinally extending beads or tongues 6 which engage corresponding grooves 7 provided in the adjacent surfaces of the upper end portions of the plates 2 and 2'. Said member 5 is provided with a cartridge chamber 8, access to said chamber being gained through an opening 9 provided at the under side thereof. Communicating with the upper side of said chamber is an obliquely extending cartridge expulsion opening 10, the openings 9 and 10 being of such dimensions as to adapt the same to just permit of the passage therethrough of the cartridge in lengthwise disposition.

Slidably mounted within the member 5 is the breech block 11, the lower longitudinal edges of the latter slidably resting upon shoulders 12 formed upon the inner sides of the plates 2 and 2' adjacent the upper edges thereof, the upper longitudinal edges of said breech block resting against inwardly projecting flanges 13, formed within the member 5. At the rearward end of the block 11 is provided a forwardly projecting firing pin 14, the latter being adapted, when said block is in its foremost position relative to the member 5, to project through an opening 15 formed in the rearward wall of the member 5 into the rearward end of the chamber 8. Formed in the forward portion of the block 11 is a cartridge admission opening 16, the latter being of a length substantially the same as that of the opening 9 provided in the member 5, and with which opening the same is adapted to register only when said breech block is in a position relative to the member 5 in which the firing pin is retracted from the chamber 8, as clearly shown in Fig. 10.

The members 5 and 11 are formed with forwardly projecting arms 17 and 18, respectively, which extend in juxtaposition beneath the breech end portion of the barrel. Formed upon the arms 17 and 18 adjacent the forward ends thereof are laterally projecting fingers 19 and 20 respectively. Said fingers project through elongated slots 21 in the plates 2 and 2' into elongated cylindrical chambers 22 formed in the plates 2 and 2' adjacent the upper edges thereof. Arranged in said chambers are helical compression springs 23 which abut said fingers at their forward extremities. The forward ends of the chambers 22 are closed, the rearward ends thereof being open, the latter ends being closed by detachable closure plates 24 which are secured in position over said ends by ears 25 formed upon the plates 2 and 2' and to which depending ears 26 of said closures are secured by screws 27. With this construction it will be seen that said springs 23 are adapted to normally hold the members 5 and 11 at their forward terminals of movement in the frame 1.

Rotatably mounted upon the inner sides of of the plates 2 and 2' in circular recesses 28 formed therein are co-axially positioned mutilated gears or disks 29 and 30. The forward end portions of the arms 17 and 18 are formed with teeth as indicated, to constitute racks 31 and 32 respectively, said racks meshing respectively with the gears 29 and 30. Said gears are adapted, as will be observed, when rotated in a counter-clockwise direction to effect the rearward movement of the members 5 and 11; the same being however so mutilated that, when said members are at predetermined rearward positions relative

to the barrel, the same will be released for forward forcing by the springs 23. Further, the gear 30 is so formed that, when the gears 29 and 30 are simultaneously rotated to effect the rearward drawing of the members 5 and 11, the former will be adapted to release the member 11 at a time just subsequent to that of the release of the member 5, this timing of releasing of said members being effected by virtue of the difference in the lengths of the teeth 33 in said gears, that formed upon the gear 29 being shorter than that formed upon the gear 30. Said gears are spaced apart slightly, both being eccentrically connected to the forward extremity of a crank 34, the rearward extremity of the latter being pivotally connected to the upper end of a rocker member 35 which is pivotally secured at 36 at its lower end to the plates 2 and 2'. Pivoted at 37 to the plates 2 and 2' is a trigger 38, the operative stem of the latter projecting exteriorly to a position for engagement in the usual circular guard 39. The rearward end portion 40 of said trigger engages the rocker member 35, the arrangement being such that pulling of the trigger effects rearward rocking of said member 35 and consequent counter-clockwise rotation of the gears 29 and 30 with the resulting actuations as above described. The return rocking of the member 35 is aided by a leaf spring 35' which abuts, as indicated, a rearward extension of said member. Retrograde rotation of the gears 29 and 30 is prevented by a spring pressed pawl 41 which is adapted to engage ratchet teeth 41' formed in the inner surfaces of said gears.

The handle portion of the frame is hollow, it being designed to constitute the magazine of the pistol. The interior of said magazine is divided longitudinally by a partition 42 into two similar cartridge chambers 43 and 43', said chambers communicating at their upper extremities with a common centrally positioned chamber 44. Said partition is formed of a single piece of metal which is bent back on itself to form an intermediate chamber or space 45, the same being rigidly secured in position at its inner edge by the pins 3, as clearly shown in Fig. 6.

The portions of the plates 2 and 2' at the handle are recessed at their inner sides, the recesses being covered by plates 46, to form narrow chambers 47, the latter being accessible only through openings 48 at the rearward edges of the plates 2 and 2'. The plates 46 and the parallelly extending plate portions of the partition 42 are provided with substantially centrally positioned longitudinally extending slots 49 and 50 respectively. Arranged in each of the chambers 43 and 43' is a substantially T-shaped block 51, the same being provided with 15

laterally projecting studs 52 and 53 which engage respectively the slots 49 and 50 provided in the adjacent walls of the former, there being two studs 53 on each block and one stud 52. Interposed between each of the blocks 51 and the bottoms of the respective cartridge chambers are compression springs 54 adapted to normally hold said blocks at their upper terminals of movement in said chamber.

Pivoted at 55 between the plates 2 and 2' and adjacent the lower extremities thereof is a plate 56 adapted to serve as a closure for the cartridge chambers. Said closure plate is held in closing position by means of a locking device carried adjacent the upper or free extremity thereof. Said locking device comprises two presser members 57 and 57' which, as clearly shown in Fig. 23, are slidably mounted in inwardly extending flanges provided at the longitudinal edges of said plate. Said members are provided with knurled engagement members 58 at their outer extremities, the inner ends thereof telescoping. A compression spring 59 serves to to normally hold said members 57 and 57' at their outer terminals of movement. Carried by said members 57 and 57' are hooked or angular projections 60 which are adapted, when said closure plate is in closing position and with said members 57 and 57' in their normal or outer positions, to engage slots 61 provided in the adjacent portions of the plates 2 and 2' and thus to serve to lock said closure plate in closing position. To unlock said plate, as will be observed, it is only required to depress the presser members 57 and 57'.

Pivotally secured at 62 to the plate 56 are hooked members 63 the outer extremities thereof engaging slots 64 provided for the reception thereof in said plate adjacent the lateral edges thereof. The inner or hooked ends of said members 63 extend through the openings 48 into the chambers 47 and engage the studs 52 of the blocks 51. The arrangement is such as will be observed that, upon the opening movement of the plate 56, the blocks 51 will be drawn downwardly by the members 63 to their lower terminals of movement in the magazine chambers so as to permit of insertion of cartridges into the latter in positions resting upon said blocks, as clearly shown in Fig. 2. The lateral edges of the plate 56 are provided with enlargements 65 which are adapted for reception in slots 66 in the rearward edges of the plates 2, 2' and 46 to serve to close the openings 48 to the chambers 47 when the former is in closing position.

Arranged in the chamber 45 within the partition 42 at the lower end thereof are adjacently positioned dogs 67 and 67', the same being mounted for independent rocking upon the pin 68 upon which they are

frictionally held. The forward edges of said dogs 67 and 67' are bifurcated, the slots 69 and 69' provided therein being adapted to snugly receive the lowermost studs 53 of the blocks 51. Pivotally secured at 70 within the chamber 45 substantially midway its extremities is an oscillatory lever 71. Also pivoted at its upper end to said pin is a depending shorter lever 72. The levers 71 and 72 are provided adjacent their lower extremities with notches 73 and 74 respectively which are adapted for engagement of the pointed extremities of the upper prongs of the dogs 67 and 67' respectively to hold the latter in operative positions. Leaf springs 75 carried by said levers and which abut as indicated the front wall of the magazine serves to normally hold the lower ends of said levers in engagement with said dogs.

With the construction set forth it will be seen that, upon the downward movement of the blocks 51, as caused by the opening swinging of the closure plate 56, the lowermost studs 53 of the former will engage the slots 69 and 69' in the dogs 67 and 67' and effect the downward rocking of the latter to restraining position, as clearly shown in Fig. 6, in which position said dogs will be held by virtue of the levers 71 and 72.

Rockingly secured at 76 adjacent the lower end and co-planar with the lever 72 is a lever 77 the latter having a projection 78 adapted when the rear end of said lever 77 is rocked upwardly to engage the lower end of the lever 72 to effect the rocking thereof to release the dog 67. The rear end of the lever 77 is connected by means of a link 79 to the plate 56 at a substantially central point therein, said link, when the latter is in closing position, resting in a longitudinally extending slot 80 provided for the reception thereof in said plate. The arrangement is such that, when said plate is in lowered or open position, the lever 77 will be in inoperative position, as shown in Fig. 6, but, when said plate is elevated to closing position, said lever will be rocked to engage the lower end of the lever 72 to effect the release of the dog 67, as above described and as shown in Fig. 4.

Rockingly mounted at 81 adjacent the upper extremity of the lever 71 is a dog 82. The latter is formed with a finger 83 which traverses the path of the uppermost stud 53 of the block 51 mounted in the chamber 43, said finger being adapted, when said block is adjacent its upper terminal of movement in the chamber 43, to be engaged and rocked thereby. Formed on said dog 82 is a second finger 84 which, when the former is rocked, as just mentioned, is adapted to engage the upper extremity of the lever 71 to effect the rocking thereof so that the lower end thereof will release the dog 67', as clearly shown in Fig. 5. Such movement of the member

82 is aided by the rearward end portion 85 of the member 35 which is adapted to engage the finger 84 after partial rocking thereof as caused by the block 51, as above described, and upon the actuation of the trigger. A torsional spring 82' effects the return of said dog to initial position when released. With this arrangement then it will be observed that, when the pistol is in use, cartridges will be first fed from the chamber 43 and when the last cartridge has been fed from said chamber the block 51 of the chamber 43' will be released to effect feeding of cartridges from the latter chamber. The number of cartridges contained in the magazine chambers at any time may be ascertained through the medium of slots 86 provided in the plates 2 and 2' directly opposite the slots 49 in the plates 46, the studs 52 of the blocks 51 being visible through said slots 86. The latter are covered by transparent strips 87 preferably of mica which are secured in position by means of metallic strips 88 secured to the outer surfaces of the plates 2 and 2'. 89 indicate ordinary bone or horn grips which are also secured upon the outer surfaces of the plates 2 and 2'.

With the construction as shown and described, the magazine chambers being supplied with cartridges, it will be seen that the latter will be constantly forced up through the chambers 43 and 43' toward the chamber 44. The rearward end portion 85 of the member 35 is reduced in thickness, as indicated in Figs. 6 and 10, so that when said member is rocked rearwardly, as caused by the pulling of the trigger, the same will be received in the upper end of the chamber 42', that is between the plate portions of the partition 42 or in a position directly under the cartridge which is subsequently fed into the chamber 44. When the trigger is released and the member 35 permitted to rock back to initial position said extremity 85 will engage the cartridge positioned thereabove and will force the same into engagement with the under side of the breech block, as shown in Fig. 6, or in a position for passage through the openings 9 and 16 to the chamber 8 upon rearward movement of the members 5 and 11.

Formed integrally with the member 5 at the under side thereof is a depending rearwardly extending arm 90. Pivotaly secured at 91 to the arm 90 is a finger 92. Interposed between the rearward extremity of the arm 90 and the finger 92 is a leaf spring 93 adapted to normally force the finger upwardly to substantially vertical position. Said finger, when the member 5 is at its forward terminal of movement, is held in lowered or horizontal position by engagement with shoulders 94 formed in the inner sides of the plates 2 and 2'. However, upon rearward movement of said member 5 said finger

will be slid from engagement with the shoulders 94 and to a position beneath the cartridge contained in the chamber 44. Upon release of said finger the same will be forced upwardly by the spring 93 to forcible engagement with the cartridge positioned thereover so that, when the openings 9 and 16 are brought to register with the cartridge, the latter will be forced therethrough into the chamber 8 in the member 5, as clearly indicated in Fig. 10.

In the rotary operation of the gears 29 and 30 as before described, the latter, when the crank 34 is at its rearward terminal of movement, as shown in Fig. 10, will be on substantially dead center. In order to prevent any locking or cessation of operation for this reason, the crank 34 is provided intermediate its extremities with an obliquely upwardly and forwardly projecting leaf spring 95. Said spring is so positioned that upon forward or return movement of the member 11 the arm 90 will engage and depress said spring and thereby obviously effect the downward forcing of the crank 34 with the desired result, as above mentioned.

In the operation of the pistol then it will be seen that, with the cartridge chambers filled, upon pulling the trigger the members 5 and 11 will be forced rearwardly until the openings 9 and 16 are in registration with the chamber 44 whereupon the cartridge contained in the latter will be forced into position in the chamber 8 in the member 5 by the finger 92. The rearward end of the cartridge in such position rests against the adjacent walls of the chamber 8 with a hooked projection 96 which traverses the rearward end of the expulsion opening 10, the forward end thereof, that is the bullet of the cartridge, resting against the upper wall portion of the breech end of the barrel, the lower wall portion of the latter being cut away as at 97 to permit of admission of the cartridge therinto. Upon the cartridge reaching this position, the member 5 is released, the latter carrying the cartridge forward to a position within the breech of the barrel, where said cartridge will be rigidly held between the rearward wall of the member 5 and the rearward extremity of the barrel, the latter engaging the circumferential flange at the rearward extremity of the cartridge. The breech block is then released, the same, carrying the firing pin, being forced forwardly effecting the explosion of the cartridge. Upon the succeeding pulling of the trigger the same succession of operation of the various parts results, the spent cartridge being, by reason of the hooked projection 96 which engages the flange at the rearward extremity thereof, carried rearwardly with the members 5 and 11. In this operation however the next cartridge forced into posi-

tion in the member 5 will engage the forward end of the spent cartridge and force said end out of the expulsion opening 10 thereby effecting the expulsion of the cartridge, this discharge of the spent cartridge being made possible by reason of the removal of the before restraining portion thereof, namely, the bullet, which was ejected upon the firing of the cartridge. Thus automatic expulsion of spent cartridges is effected and the succeeding cartridges by simply pulling the trigger, may be fired in quick succession. Should the cartridge fail to explode, expulsion thereof may be readily effected by manually drawing the member 11 back until the forward end of the bullet of the cartridge disengages the rearward end of the barrel, the opposite sides of the member 11 being provided with knurled lugs 98 to facilitate such rearward drawing of said member. In order to prevent back-firing of the member 11 upon explosion of a cartridge, the forward end portion 17 thereof, as clearly shown in Figs. 13 and 14, is formed with a laterally projecting lug 99 which is adapted to be engaged at its rearward side by the enlarged upper end portion or head of the pawl 41, the gears 29 and 30 being provided at their inner sides with cam surfaces 100 which are adapted to effect upward rocking of said pawl just previous to the release of the breech block, so that when the explosion occurs said lug 99 will be engaged by said pawl and thereby positively locked against rearward movement. Mounted upon the inner side of the plate 2' adjacent the handle is an angular safety detent 101 the operative stem or button 101' thereof projecting exteriorly through an arcual slot 102 provided in said plate for ready engagement by the thumb of the operator. The free end of said detent is adapted to be rocked to engage notches 103 and 103' provided in the adjacent tongue 6 of the member 5 and whereby the latter and hence the member 11 may be locked at their forward or rearward terminals of movement. Pivoted between the plates 2 and 2' at the forward ends thereof upon one of the pins securing the ears 4' is a segment 104, the latter being provided with knurled operating stems 105. Said segment is adapted, as clearly shown in Fig. 6, to traverse the path of movement of the forward extremity of the member 11 so as to be adapted to prevent movement thereof to firing position, the same constituting a safety lock. A leaf spring 106 engaging the periphery of said member serves to hold the same in positions of adjustment.

While I have shown what I deem to be the preferable form of my pistol, I do not wish to be limited thereto as there might be various changes made in the details of con-

struction and arrangement of parts described without departing from the spirit of the invention comprehended within the scope of the appended claims.

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

1. A magazine-pistol comprising a frame, a barrel, a cartridge receptacle slidably mounted upon the breech end of said barrel, a sliding breech block carrying a firing pin, a magazine adapted to communicate with said cartridge receptacle, means for feeding the cartridges from said magazine to said receptacle, a firing trigger and suitable connections for rearwardly drawing said receptacle and breech block, and independent means for successively forwardly forcing said receptacle and breech block when released by said trigger and its connections, substantially as described.

2. A magazine-pistol comprising a frame, a barrel, a cartridge receptacle slidably mounted upon the breech end of said barrel, a sliding breech block, a firing pin on said breech block adapted to extend through the rearward wall of said cartridge receptacle, a magazine substantially vertically disposed relative to said barrel and adapted to communicate with said cartridge receptacle, means for feeding cartridges from said magazine to said receptacle, a rockingly mounted firing trigger and suitable connections for rearwardly drawing said receptacle and breech block, and independent means for successively forwardly forcing said receptacle and breech block when released by said trigger and its connections, substantially as described.

3. A magazine-pistol comprising a frame, a stationary barrel, a cartridge receptacle slidably mounted upon the breech end of said barrel, a breech block slidable within said cartridge receptacle, a firing pin carried by said block adapted to project into said cartridge receptacle, a magazine disposed at substantially right angles to said barrel and adapted to communicate with said cartridge receptacle, means for feeding cartridges from said magazine to said receptacle, said receptacle being provided with a cartridge expulsion opening, a rockingly mounted firing trigger and suitable connections for rearwardly drawing said receptacle and breech block, and independent resilient means for successively forwardly forcing said receptacle and breech block when released by said trigger and its connections, substantially as described.

4. A magazine-pistol comprising a frame, a stationary barrel, a cartridge receptacle slidably mounted upon the breech end of said barrel, a breech block slidable within said cartridge receptacle, a firing pin on said breech block adapted to project into

said cartridge receptacle, racks on said breech block and cartridge receptacle, gears meshing with said racks adapted when rotated to effect rearward movement of said breech block and said receptacle and adapted to release said members when at their rearward terminal of movement, a trigger, an operative connection between said trigger and said gears, and means for forwardly forcing said receptacle and breech block when released by said gears, substantially as described.

5. A magazine-pistol comprising a frame, a stationary barrel, a cartridge receptacle slidably mounted upon the breech end of said barrel and having a cartridge admission opening at its under side, a breech block slidably mounted in said cartridge receptacle, a firing pin carried by said breech block and adapted to project into said cartridge receptacle, a magazine formed in the handle of said pistol frame and adapted to communicate with said admission opening in said cartridge receptacle when said receptacle is at its rearward terminal of movement, means for feeding cartridges from said magazine to said receptacle, a rockingly mounted trigger, an operative connection between said trigger and said receptacle and breech block whereby rocking of said trigger causes rearward drawing of said receptacle and block, and means for forwardly forcing said receptacle and block when released by said trigger, substantially as described.

6. A magazine pistol comprising a frame, a stationary barrel, a cartridge receptacle slidably mounted upon the breech end of said barrel and having an admission opening at its under side, a breech block slidable within said cartridge receptacle, a firing pin on said breech block adapted to project into the rearward extremity of said cartridge receptacle, a magazine formed in the handle of said pistol frame and adapted to communicate with said opening in said cartridge receptacle when said receptacle is at its rearward terminal of movement, resilient means for feeding cartridges from said magazine to said receptacle when said admission opening is registering with said magazine, racks on said receptacle and breech block, rotatably mounted, mutilated gears meshing with said racks and adapted when properly rotated to effect rearward movement of said breech block and said receptacle and adapted to release said members when at their rearward terminals of movement, an operative connection between said trigger and said gears, and means for forwardly forcing said receptacle and breech block when released by said gears, substantially as described.

7. In a magazine pistol the combination of a frame, a barrel, a slidable cartridge receptacle adapted to carry cartridges to

a position for exploding in the breech end of said barrel, a magazine substantially vertically disposed to the axis of said barrel, a partition in said magazine dividing the same into two cartridge compartments, a chamber adapted to receive cartridges from each of said compartments and direct them to said receptacle, and resilient means in said compartments for feeding cartridges therein toward said chamber, substantially as described.

8. In a magazine pistol the combination of a frame, a barrel, a slidable cartridge receptacle adapted to carry cartridges to a position for exploding in the breech end of said barrel, a magazine substantially perpendicularly disposed to the axis of said barrel, a partition in said magazine dividing the same into two cartridge compartments, a chamber adapted to receive cartridges from each of said compartments and direct them to said receptacle, and resilient means in said compartments for feeding cartridges therefrom toward said chamber, and means whereby feeding of the cartridges will be successive from said compartment, substantially as described.

9. In a magazine pistol the combination of a frame, a barrel, a slidable cartridge receptacle adapted to carry cartridges to a position for exploding in the breech end of said barrel, a magazine in the handle of said pistol, a partition in said magazine dividing the same into two cartridge compartments, the rearward ends of said compartments being open, a hinged closure plate for said compartments, resilient means in said compartments for feeding cartridges therefrom toward said cartridge receptacle, an operative connection between said means and said closure plate whereby opening of said closure plate effects compression of said means to permit of admission of cartridges, and means whereby feeding of the cartridges will be successive from said chambers, substantially as described.

10. A magazine pistol comprising a frame, a stationary barrel, a cartridge receptacle slidably mounted upon the breech end of said barrel having a cartridge admission opening in its under side, a breech block slidable within said cartridge receptacle and having an opening adapted to register with said opening in said receptacle, a firing pin on said breech block adapted to project into said cartridge receptacle, a magazine disposed at substantially right angles to said barrel and adapted to communicate with said openings in said receptacle and breech block when said receptacle and breech block are at substantially their rearward terminals of movement, means for feeding cartridges from said magazine to said receptacle when said openings are in registration with said magazine, a trigger and a

system of levers and gears operatively connected therewith for rearwardly drawing said receptacle and breech block; springs for forwardly forcing said receptacle and breech block when released by said retracting means, and means for locking said receptacle against movement in said frame, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of 10 two subscribing witnesses.

GIOACCHINO MAGGIO.

Witnesses:

HELEN F. LILLIS,
JOSHUA R. H. POTTS.