

(19)



Europäisches Patentamt  
European Patent Office  
Office européen des brevets

(11) Publication number:

**0 247 272  
A3**

(12)

## EUROPEAN PATENT APPLICATION

(21) Application number: 87100418.0

(51) Int. Cl.4: **F41C 13/00** , **F41C 25/10** ,  
**F41C 23/00** , **F41G 1/02**

(22) Date of filing: 14.01.87

(30) Priority: 19.05.86 PCT/US86/01061

(43) Date of publication of application:  
02.12.87 Bulletin 87/49

(84) Designated Contracting States:  
**AT BE CH DE FR GB IT LI LU NL SE**

(88) Date of deferred publication of the search report:  
10.01.90 Bulletin 90/02

(71) Applicant: **Miller, Michael K.**  
**Route 2, Box 3484A**  
**Tehachapi California 93561(US)**

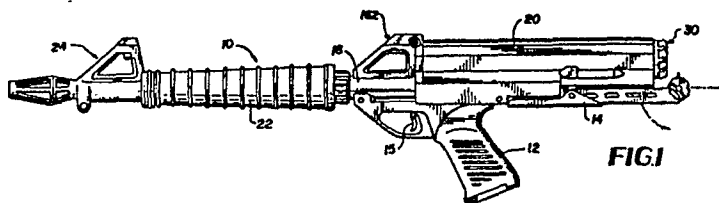
Applicant: **Stockton, Warren D.**  
**Box 74, Granite Station**  
**Bakersfield California 93301(US)**

(72) Inventor: **Miller, Michael K.**  
**Route 2, Box 3484A**  
**Tehachapi California 93561(US)**  
Inventor: **Stockton, Warren D.**  
**Box 74, Granite Station**  
**Bakersfield California 93301(US)**

(74) Representative: **Patentanwälte Phys. Bartels**  
**Dipl.-Ing. Fink Dr.-Ing. Held**  
**Lange Strasse 51**  
**D-7000 Stuttgart 1(DE)**

(54) **Gun and magazine system.**

(57) An improved gun/magazine system (10) which is top loading and wherein the magazine (20) is of generally cylindrical configuration. A spiral drive of the cartridges through the magazine into the top loading receiver of the gun is provided. The magazine (20) includes a spring/winder (30) having a silent clutch which permits tensioning of the drive spring (38) at any time and even immediately before use, and which has a release means in order to permit relaxing of the spring (38) in the event the unprecedented large capacity of cartridges is not entirely expended from the magazine (20). The cylindrical shaped magazine (20) is mounted above, parallel to, and closely adjacent to the axis of the gun.



Xerox Copy Centre

EP 0 247 272 A3



## Application number

EP 87 10 0418

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
Y	US-A-3 088 378 (BOUDREAU) * Column 4, line 33 - column 5, line 68; figures 1,8,9,29 * --	1,6,17, 33	F 41 C 13/00 F 41 C 25/10 F 41 C 23/00 F 41 G 1/02
Y	DE-A-1 553 877 (HECKLER & KOCH) * Page 4, line 11 - page 5, line 13; page 10, line 12 - page 22, line 11; figures 1-5 *	1,6,17, 33	
A	--	18-27, 34-46	
A	US-A-2 367 572 (LAZDA) * Page 1, column 1, line 48 - column 2, line 39; figures 1-4 * --	18-27, 34-46	
A	US-A-4 487 103 (ATCHISSON) * Column 6, line 19 - column 9, line 47; figures 1-12 * --	18-27, 34-46	TECHNICAL FIELDS SEARCHED (Int. Cl. 4)  F 41 C F 41 D
A	WO-A-82 03 910 (CLOCK) * Abstract * --	23,37, 40,41	
A	US-A-3 427 923 (MEYER) * Figure 1 * -----	21	
<del>X The present invention relates to the field of ... X</del>			
Place of search THE HAGUE		Date of completion of the search 31-05-1989	Examiner ERNST
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons  & : member of the same patent family, corresponding document	



## CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid.
- namely claims:
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

## X LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions.

namely:

1. Claims 1,2,6,14-27,33-46,53,54:  
Position of magazine on gun, winder mechanism
2. Claims 5,7-13,52:  
Magazine ejector system
3. Claims 3,28-32,47-51,55:  
Butt stock
4. Claims 4,56-58:  
Front sight

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid.
- namely claims:
- ☒ None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims.
- namely claims: 1,2,6,14-27,33-46,53,54