



# PLATE ANNOUNCES USPTO HAS GRANTED 3rd PATENT PROTECTING ACEM® PISTOL LOADER

PLATE, LLC



(12) United States Patent  
 Plate  
 (55) Patent No.: US 9,739,552 B1  
 (45) Date of Patent: Aug. 22, 2017

(51) MAGAZINE LOADER

(71) Applicant: Christopher Andrew Plate, Cape Coral, FL (US)

(72) Inventor: Christopher Andrew Plate, Cape Coral, FL (US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 9 days.

(22) Filed: May 17, 2017

**Related U.S. Application Data**

(53) Continuation of application No. 15,214,770, filed on Oct. 19, 2016, now Pat. No. 9,699,953.

(86) Provisional application No. 62,473,044, filed on Mar. 29, 2017; provisional application No. 62,473,036, filed on Mar. 29, 2017.

(51) Int. Cl. F41A 9/02 (2006.01)  
 F41A 9/04 (2006.01)  
 F41A 9/05 (2006.01)

(52) U.S. Cl. F41A 9/02 (2013.01)  
 F41A 9/04 (2013.01)  
 F41A 9/05 (2013.01)

(54) Title of Invention: Magazine Loader

(57) Abstract: The invention includes a magazine body, a rounds receiver, a rounds abutment, and a magazine return. Rounds are provided to the rounds receiver and positioned against the rounds receiver and then fed around the rounds receiver. With a magazine provided within the magazine return and positioned within the rounds receiver, the rounds are pushed out of the rounds receiver, which feed into the rounds receiver and return to enter the rounds receiver. In certain embodiments, the rounds receiver is tilted one side or angle towards the magazine return.

(58) Classification: F41A 9/02, F41A 9/04, F41A 9/05  
 See application file for complete search history.

**References Cited**

**U.S. PATENT DOCUMENTS**

2,803,027 A \* 5/1960 McPherson ..... F41A 9/02

4,332,234 A \* 8/1980 Dow ..... F41A 9/02

4,536,062 A \* 11/1982 Casper ..... F41A 9/02

20,780,001 A2 2/2007 Casati et al ..... F41A 9/02

20,780,002 A2 2/2007 Casati et al ..... F41A 9/02

**FOREIGN PATENT DOCUMENTS**

DE 2626101 A1 \* 1/1988 ..... F41A 9/02

DE 27,293,987 A1 \* 5/1988 ..... F41A 9/02

\* cited by examiner

**Primary Examiner:** Gabriel Stein  
 (74) Attorney, Agent, or Firm: George F. Wallace

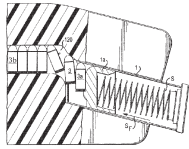
**ABSTRACT**

The invention includes a magazine body, a rounds receiver, a rounds abutment, and a magazine return. Rounds are provided to the rounds receiver and positioned against the rounds receiver and then fed around the rounds receiver. With a magazine provided within the magazine return and positioned within the rounds receiver, the rounds are pushed out of the rounds receiver, which feed into the rounds receiver and return to enter the rounds receiver. In certain embodiments, the rounds receiver is tilted one side or angle towards the magazine return.

**21 Claims, 4 Drawing Sheets**

FORT MYERS FLORIDA, August 22, 2017 – PLATE, LLC announced the issue by the United States Patent and Trademark Office on August 22, 2017 of a new patent covering the company’s line of pistol magazine loading devices.

The new patent, US 9,739,552 on an invention by PLATE’s founder, Christopher Plate, is entitled “Magazine Loader” and includes claims covering methods of using a magazine loading device incorporating a rounds abutment, which automatically pivot rounds so that each round successively enters the magazine. The patent, along with additional pending applications, some of which have already been granted notice of allowance, covers some of the core components incorporated into the company’s new line of ACEM® pistol loading devices.



### About PLATE

Founded in 2013, PLATE was launched to manufacture its innovative ACEM® line of devices that aid in the loading of rifle magazines. The company has since continued to grow its ACEM® line and is actively developing into