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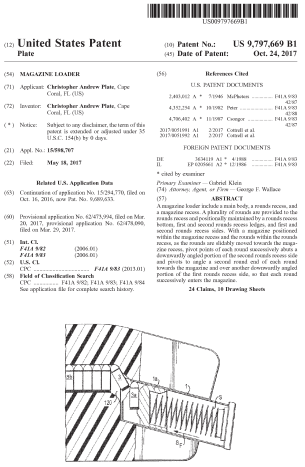
PLATE ANNOUNCES USPTO HAS GRANTED 4th PATENT PROTECTING ACEM® PISTOL LOADER

PLATE, LLC



US009797669B1

(12) **United States Patent**
Plate

(10) **Patent No.: US 9,797,669 B1**
(45) **Date of Patent: Oct. 24, 2017**

(54) **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 0 days.

(21) Appl. No.: **15/598,707**

(22) Filed: **May 18, 2017**

Related U.S. Application Data

(63) Continuation of application No. 15/284,770, filed on Oct. 16, 2016, now Pat. No. 9,080,633.

(60) Provisional application No. 62/473,994, filed on Mar. 20, 2017, provisional application No. 62/478,086, filed on Mar. 29, 2017.

(51) **Int. Cl.**
F41A 9/82 (2006.01)
F41A 9/81 (2006.01)

(52) **U.S. Cl.**
CPC ***F41A 9/81*** (2013.01)

(58) **Field of Classification Search**
CPC F41A 9/82, F41A 9/83, F41A 9/84
See application file for complete search history.

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Primary Examiner – Gabriel Klein
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(57) **ABSTRACT**

A magazine loader includes a main body, a rounds recess, and a magazine recess. A plurality of rounds are provided to the rounds recess and positionally maintained by a rounds recess bottom, first and second rounds recess ledges, and first and second rounds recess sides. With a magazine positioned within the magazine recess and the rounds recess and magazine recess, so the rounds are slidably moved towards the magazine recess, pivot points of each round successively abuts a downwardly angled portion of the second rounds recess side and pivots to angle a second round end of each round towards the magazine and over another downwardly angled portion of the first rounds recess side, so that each round successively enters the magazine.

24 Claims, 10 Drawing Sheets

CAPE CORAL FLORIDA, November 3, 2017 – PLATE, LLC announced the issue by the United States Patent and Trademark Office on October 24, 2017 of a new patent covering the company's line of pistol magazine loading devices.

The new patent, US 9,797,669 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 downward angled portions 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