

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3830135

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MATTHEW ROELLE	04/11/2016
CHRISTOPHER GADDA	04/06/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ETAGEN, INC.
<b>Street Address:</b>	186 CONSTITUTION DRIVE
<b>City:</b>	MENLO PARK
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94025
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15087990
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	EG-010
<b>NAME OF SUBMITTER:</b>	ALEXANDER SHVARTS
<b>SIGNATURE:</b>	/Alexander Shvarts/
<b>DATE SIGNED:</b>	04/14/2016
<b>Total Attachments: 1</b>	
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**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS, we, Matthew Roelle and Christopher Gadda, respectively residing at 1220 Ladera Way, Belmont, CA 94002, USA and 375 Hawthorne Avenue, Palo Alto, CA 94301, USA; hereinafter referred to as "ASSIGNORS," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **CONTROL OF PISTON TRAJECTORY IN A FREE-PISTON COMBUSTION ENGINE**

Date(s) of execution of Declaration:

Filing Date: **March 31, 2016**

Application No.: **15/087,990**; and

WHEREAS, EtaGen, Inc., a corporation organized under the laws of Delaware, located at 186 Constitution Drive, Menlo Park, CA 94025, USA, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title, and interest in and to the invention, the application, and any Letters Patent and Registrations which may be granted on the same in any country;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) as well as for other good and valuable consideration, receipt of which is hereby acknowledged by ASSIGNORS, ASSIGNORS have assigned, and by these presents do sell, assign, and transfer to ASSIGNEE all right, title and interest in and to the invention and application and to all foreign counterparts (including patents, utility models, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by ASSIGNEE and ASSIGNEE's successors and assigns as fully and exclusively as it would have been held and enjoyed by ASSIGNORS had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, and of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

ASSIGNORS further agree that ASSIGNORS will, without charge to ASSIGNORS, but at ASSIGNEE's expense, (a) cooperate with ASSIGNEE in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements thereon, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as ASSIGNEE lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have signed ASSIGNORS' name on the date indicated.

Dated: 4/11/16

  
Matthew Roelle

Dated: 4/6/16

  
Christopher Gadda