

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM531111

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
ETAGEN, INC.		07/09/2019	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	TRINITY CAPITAL FUND III, L.P.		
Street Address:	3075 W. RAY ROAD, SUITE 525		
City:	CHANDLER		
State/Country:	ARIZONA		
Postal Code:	85226		
Entity Type:	Limited Partnership: DELAWARE		
PROPERTY NUMBERS Total: 1			
Property Type	Number	Word Mark	
Serial Number:	87158920	ETAGEN	
CORRESPONDENCE DATA			
Fax Number:	8585506420		
<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>			
Phone:	858-550-6472		
Email:	dmonteblanco@cooley.com		
Correspondent Name:	DEREK MONTEBLANCO		
Address Line 1:	C/O COOLEY LLP		
Address Line 2:	4401 EASTGATE MALL		
Address Line 4:	SAN DIEGO, CALIFORNIA 92121		
ATTORNEY DOCKET NUMBER:	330658-112		
NAME OF SUBMITTER:	DEREK MONTEBLANCO		
SIGNATURE:	/DEREK MONTEBLANCO/		
DATE SIGNED:	07/09/2019		
Total Attachments: 10			
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT ("Agreement") dated as of July 9, 2019, is made by ETAGEN, INC., a Delaware corporation (the "Grantor"), in favor of TRINITY CAPITAL FUND III, L. P., a Delaware limited partnership ("Lender").

RECITALS

A. Grantor has entered into a Loan and Security Agreement with Lender, dated as of the date hereof (as amended, restated, or otherwise modified from time to time, the "Loan Agreement"). All capitalized terms used but not defined herein shall have the respective meanings given to them in the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Lender for its benefit a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

1. Grant of Security Interest. To secure its obligations under the Loan Agreement, Grantor grants and pledges to Lender for its benefit a security interest in all of Grantor's right, title and interest in, to and under its intellectual property constituting Collateral (all of which shall collectively be called the "Intellectual Property Collateral"), including, without limitation, the following (to the extent constituting Collateral):

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work of authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the "Copyrights");

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions, re-examination certificates, utility models, and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "Patents");

(e) Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the "Mask Works");

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) All amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by Lender.

Grantor hereby authorizes Lender to (a) modify this Agreement unilaterally by amending the exhibits to this Agreement to include any Intellectual Property Collateral which Grantor obtains subsequent to the date of this Agreement and (b) file a duplicate original of this Agreement containing amended exhibits reflecting such new Intellectual Property Collateral.

3. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of Lender with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

4. Execution in Counterparts. This Agreement and any amendments, waivers, consents or supplements hereto may be executed in any number of counterparts, and by different parties hereto in separate counterparts, each of which when so delivered shall be deemed an original, but all of which counterparts shall constitute but one and the same instrument. Delivery of an executed counterpart of a signature page of this Agreement by facsimile, portable document format (.pdf) or other electronic transmission will be as effective as delivery of a manually executed counterpart hereof.

5. Successors and Assigns. The provisions of this Agreement shall inure to the benefit of the parties hereto and their respective successors and assigns. Grantor shall not assign its obligations under this Agreement without Lender's express prior written consent, and any such attempted assignment shall be void and of no effect. Lender may assign, transfer, or endorse its rights hereunder pursuant to the terms of the Loan Agreement without prior notice to Grantor, and all of such rights shall inure to the benefit of Lender's successors and assigns.

6. Governing Law. This Agreement has been negotiated and delivered to Lender in the State of California, and shall have been accepted by Lender in the State of California. This Agreement shall be governed by, and construed and enforced in accordance with, the laws of the State of California, excluding conflict of laws principles that would cause the application of laws of any other jurisdiction.

[Signature page follows.]

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

ETAGEN, INC.,

a Delaware corporation

By: _____

Name: Shannon Miller

Its: Chief Executive Officer

LENDER:

TRINITY CAPITAL FUND III, L. P.,
a Delaware limited partnership

By: TRINITY SBIC PARTNERS III, LLC,
a Delaware limited liability company
Its: General Partner

By: TRINITY SBIC MANAGEMENT, LLC,
a Delaware limited liability company
Its: Manager


By: 
Name: Steven L. Brown
Its: Managing Member

EXHIBIT A
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None.

EXHIBIT B**PATENTS**

Title	Application/Patent Number	Application/Issued Date
High-Efficiency Two-Piston Linear Combustion Engine	8,413,617	4/9/2013
High-Efficiency Linear Combustion Engine	8,453,612	6/4/2013
High-Efficiency Linear Combustion Engine	8,662,029	3/4/2014
High-Efficiency Linear Combustion Engine	8,402,931	3/26/2013
High-Efficiency Linear Combustion Engine	9,567,898	2/14/2017
High-Efficiency Linear Combustion Engine	10,024,231	7/17/2018
High-Efficiency Linear Combustion Engine	10,221,759	3/5/2019
High-Efficiency Linear Combustion Engine	16/274,003	2/12/2019
Linear Free Piston Engine with Indirect Work Extraction Via Gas Linkage	8,997,699	4/7/2015
Energy Storage and Conversion in Free-Piston Combustion Engines	9,719,415	8/1/2017
Energy Storage and Conversion in Free-Piston Combustion Engines	10,190,490	1/29/2019
Energy Storage and Conversion in Free-Piston Combustion Engines	16/239,344	1/3/2019
Methods and Systems for Managing a Clearance Gap in a Piston Engine	8,720,317	5/13/2014
Methods and Systems for Managing a Clearance Gap in a Piston Engine	8,770,090	7/8/2014
Methods and Systems for Managing a Clearance Gap in a Piston Engine	8,656,895	2/25/2014
Methods and Systems for Managing a Clearance Gap in a Piston Engine	9,004,038	4/14/2015
Methods and Systems for Managing a	8,899,192	12/2/2014

Title	Application/Patent Number	Application/Issued Date
Clearance Gap in a Piston Engine		
Methods and Systems for Managing a Clearance Gap in a Piston Engine	9,169,797	10/27/2015
Methods and Systems for Managing a Clearance Gap in a Piston Engine	9,097,203	8/4/2015
Methods and Systems for Managing a Clearance Gap in a Piston Engine	10,006,401	12/21/2012
Mechanism for Maintaining a Clearance Gap	10,215,229	3/14/2013
Open-Faced Piston Assembly	9,856,821	10/14/2016
Open-Faced Piston Assembly	15/820,240	11/21/2017
Reinforced Sealing Rings	16/059,933	8/9/2018
Sealing Ring Having a Porous Layer	16/059,976	8/9/2018
Piston-Integrated Gap Cover	16/060,000	8/9/2018
Piston Sealing Ring Assembly Having a Gap Cover Element	16/100,017	8/9/2018
Piston Sealing Ring Assemblies	16/100,092	8/9/2018
Piston Seal With Solid Lubricant Applicator	16/100,124	8/9/2018
Sealing Ring Assemblies Configured for Pressure Locking	16/100,131	8/9/2018
Methods and Systems for Controlling a Multiphase Electromagnetic Machine	8,344,669	1/1/2013
Methods and Systems for Controlling a Multiphase Electromagnetic Machine	8,624,542	1/7/2014
Control of Piston Trajectory in a Free-Piston Combustion Engine	9,657,675	5/23/2017
Control of Piston Trajectory in a Free-Piston Combustion Engine	10,156,198	12/18/2018
Control of Piston Trajectory in a Free-Piston Combustion Engine	16/175,358	10/30/2018
Auto-Braking for an Electromagnetic Machine	16/137,506	9/20/2018
Auto-Braking for an Electromagnetic Machine	16/248,693	1/15/2019
DC-DC Converter in a Non-Steady System	16/137,029	9/20/2018

Title	Application/Patent Number	Application/Issued Date
Integrated Linear Generator System	62/781,586	12/18/2018
Linear Motor System	62/702,860	7/24/2018
Linear Bearing System for a Motor	62,703,338	7/25/2018

EXHIBIT C

TRADEMARKS

Description	Registration/Serial Number	Registration/ Application Date
ETAGEN	87158920	9/1/16

EXHIBIT D

MASK WORKS

None.