

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FARSHID ROUMI	04/08/2019
MAHSHID ROUMI	04/08/2019
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<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15282982
<b>PCT Number:</b>	US1654984
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	333865: 71-16 US
<b>NAME OF SUBMITTER:</b>	STEPHEN B. BARONE
<b>SIGNATURE:</b>	/sbbaroneREG53968/
<b>DATE SIGNED:</b>	04/08/2019
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

WHEREAS, WE:

1. **Farshid ROUMI**, residing at 465 South Madison Avenue, Apt. 203, Pasadena, California, 91101, United States of America;
2. **Mahshid ROUMI**, residing at 465 South Madison Avenue, Apt. 203, Pasadena, California, 91101, United States of America;

herein called individually an "ASSIGNOR" and collectively "ASSIGNORS," in connection with the invention entitled:

**"SYSTEMS AND METHODS FOR MONITORING CHARACTERISTICS OF ENERGY UNITS";**

for which the following patent application(s):

Application Type	Application Serial No.	Filing Date
U.S. Patent Application	15/282,982	September 30, 2016
International Patent Application	PCT/US16/54984	September 30, 2016

were submitted or filed (collectively, the "LISTED APPLICATION(S)");

AND WHEREAS, **California Institute of Technology (herein called "ASSIGNEE")**, an entity organized and existing under the laws of the State of California, having a principal place of business at:

**1200 East California Boulevard  
MC 6-32  
Pasadena, California 91125  
United States of America**

is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said LISTED APPLICATION(S);

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, a said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the invention(s) and discoveries disclosed in the LISTED APPLICATION(S), and the LISTED APPLICATION(S) and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property

**L&G Ref. 584429: 71-16 US  
Assignment**

protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention(s) in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the priority of said patent applications listed herein and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention(s) in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application(s) or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention(s) and discoveries, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention(s) and discoveries in any and all countries;

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

**L&G Ref. 584429: 71-16 US  
Assignment**

**Assignor 1**

4/8/2019  
Date

  
FARSHID ROUMI

**Assignor 2**

4/8/2019  
Date

  
MAHSHID ROUMI

**Accepted by Assignee: California Institute of Technology**

\_\_\_\_\_  
Date

(sign) \_\_\_\_\_  
(print full name) \_\_\_\_\_  
(title) \_\_\_\_\_

*Additional Assignors on additional sheets: No*