505563726 07/10/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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JAMSHID ROUMI	08/22/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16420675

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SIGNATURE:	/sbbaroneREG53968/
DATE SIGNED:	07/10/2019

Total Attachments: 4

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PATENT 505563726 REEL: 049707 FRAME: 0322

Atty Ref. CIT 6477-PCT, 555281: 25-14

ASSIGNMENT

WHEREAS, WE:

1. Farshid ROUMI,

rshid ROUMI,
residing at 238 Verano Pl., Irvine, California, 92617, USA;
residing at 238 Verano Pl., Irvine, California, 92617, USA;
residing at 238 Verano Pl., Irvine, California, 92617, USA;

(Same or cabora)

2. Jamshid ROUMI,

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

"Systems and Methods for Detecting Abnormalities in Electrical and **Electrochemical Energy Units**"

for which the following patent application(s):

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Application Type	Application Serial No.	Filing Date
U.S. Patent Application	14/211,381	March 14, 2014
International Patent Application	PCT/US14/27577	March 14, 2014

were submitted or filed (the "LISTED APPLICATIONS");

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, MC201-85 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 APPLICATIONS;

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 APPLICATIONS, and the LISTED APPLICATIONS 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 protection, including, without limitation, all applications for patents, utility models, and

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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.

8/23/16 Date	Farshid ROUMI
STATE OF CALIFORNIA)) ss.)
On	, before me,, Name and Title of Officer (e.g. "Jane Doe, Notary Public")
personally appeared	Name(s) of Signer(s) personally known to me proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/thei authorized capacity(ies), and that by his/her/thei signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted executed the instrument. WITNESS my hand and official seal.
Place Notary Seal Above	

Additional Assignors on additional sheets: Yes

<u>ළැවු ඇ</u> 2 ග්ර Date	Jamshid ROUMI
STATE OF CALIFORNIA))
COUNTY OF) ss.)
On	, before me,, Name and Title of Officer (e.g. "Jane Doe, Notary Public")
personally appeared	Name(s) of Signer(s) personally known to me proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted executed the instrument. WITNESS my hand and official seal.
Place Notary Seal Above	

Additional Assignors on additional sheets: No