

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3888530

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	CONTOUR ENERGY SYSTEMS, INC.	12/31/2014
RECEIVING PARTY DATA		
Name:	CALIFORNIA INSTITUTE OF TECHNOLOGY	
Street Address:	1200 EAST CALIFORNIA BOULEVARD, MC201-85	
City:	PASADENA	
State/Country:	CALIFORNIA	
Postal Code:	91125	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15057918
CORRESPONDENCE DATA		
Fax Number:	(720)931-3001	
<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:	720 931 3000	
Email:	cnelson@lathropgpage.com	
Correspondent Name:	LATHROP & GAGE LLP	
Address Line 1:	4875 PEARL EAST CIRCLE, SUITE 200	
Address Line 4:	BOULDER, COLORADO 80301	
ATTORNEY DOCKET NUMBER:	579044: 69-14A US	
NAME OF SUBMITTER:	RANDOLPH E. TREECE	
SIGNATURE:	/RandolphETreeceREG69848/	
DATE SIGNED:	05/16/2016	
Total Attachments: 8		
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ASSIGNMENT

WHEREAS, **Contour Energy Systems, Inc.**, an entity organized and existing under the laws of the State of Delaware, having a principal place of business at:

1300 W. Optical Drive, Suite 300
Azusa, California, 91702
United States of America

herein called an "ASSIGNOR," in connection with the invention entitled:

"FLUORIDE ION BATTERY ELECTROLYTE COMPOSITIONS"

for which the following patent application(s):

Application Type	Serial No.	Filing Date/Nat'l Appl. Date
US Provisional Patent Application	61/285,903	December 11, 2009
US Patent Application	12/964,702	December 9, 2010
PCT International Application	PCT/US2010/059769	December 9, 2010
Chinese Patent Application	201080063214.3	August 6, 2012

were submitted or filed (collectively, 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 the ASSIGNOR's 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, 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 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/we hereunto set my hand and seal (if applicable) the day and year set opposite my/our signature(s).

[THIS SPACE LEFT BLANK]

ASSIGNOR

By: **CONTOUR ENERGY SYSTEMS, INC.**

A DULY REGISTERED CORPORATION OF THE STATE OF DELAWARE

By: [Signature] [SIGNED]

Pe Sailer [PRINTED NAME]

Title: Choi

Date: 12/31/19

STATE OF CALIFORNIA)
) ss.
COUNTY OF _____)

On _____, before me, _____,
Date 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

ASSIGNEE

By: **CALIFORNIA INSTITUTE OF TECHNOLOGY**
A DULY REGISTERED CORPORATION OF THE STATE OF CALIFORNIA

By: _____ [SIGNED]
 _____ [PRINTED NAME]

Title: _____

Date: _____

STATE OF CALIFORNIA)
) ss.
COUNTY OF _____)

On _____, before me, _____,
Date Name and Title of Officer (e.g. "Jane Doe, Notary Public")

personally appeared _____
Name(s) of Signer(s)

☐ personally known to me

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1200 East California Boulevard, MC201-85
Pasadena, California 91125
United States of America

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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, 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 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/we hereunto set my hand and seal (if applicable) the day and year set opposite my/our signature(s).

[THIS SPACE LEFT BLANK]

LG Ref. 557935: 69-14 US; CIT Ref. 6870 family
Assignment

ASSIGNOR

By: **CONTOUR ENERGY SYSTEMS, INC.**
A DULY REGISTERED CORPORATION OF THE STATE OF DELAWARE

By: _____ [SIGNED]
 _____ [PRINTED NAME]

Title: _____

Date: _____

STATE OF CALIFORNIA)
) ss.
COUNTY OF)

On _____, before me, _____,
Date 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

ASSIGNEE

By: CALIFORNIA INSTITUTE OF TECHNOLOGY
A DULY REGISTERED CORPORATION OF THE STATE OF CALIFORNIA

By: [Signature] [SIGNED]
Fred Farina [PRINTED NAME]

Title: Chief Innovation Officer
& Executive Director,
Office of Technology Transfer
Date: California Institute of Technology

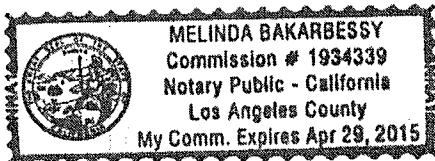
1/13/15

STATE OF CALIFORNIA)
COUNTY OF Los Angeles) ss.

On January 13, 2015, before me, Melinda Bakarbessy, Notary Public
Date Name and Title of Officer (e.g. "Jane Doe, Notary Public")

personally appeared Fred Farina,
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

M. Bakarbessy
[Signature]