503018466 10/14/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3065067

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------------|----------------|
| CONTOUR ENERGY SYSTEMS, INC. | 08/28/2014 |

RECEIVING PARTY DATA

| Name: | CALIFORNIA INSTITUTE OF TECHNOLOGY |
|-----------------|--|
| Street Address: | 1200 EAST CALIFORNIA BOULEVARD MC 6-32 |
| City: | PASADENA |
| State/Country: | CALIFORNIA |
| Postal Code: | 91125 |

PROPERTY NUMBERS Total: 2

| Property Type | Number |
|---------------------|----------|
| Application Number: | 61426456 |
| Application Number: | 13274240 |

CORRESPONDENCE DATA

Fax Number: (720)931-3001

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.

Phone: 7209313000

Email: BoulderIP@lathropgage.com,lsedlacek@lathropgage.com

Correspondent Name: LATHROP & GAGE LLP

Address Line 1: 4845 PEARL EAST CIRCLE, SUITE 201

Address Line 4: BOULDER, COLORADO 80301

| ATTORNEY DOCKET NUMBER: | 557940: 70-14 US |
|-------------------------|-----------------------------------|
| NAME OF SUBMITTER: | TAMALA R. JONAS |
| SIGNATURE: | /Tamala R. Jonas Reg. No. 47,688/ |
| DATE SIGNED: | 10/14/2014 |

Total Attachments: 8

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503018466 REEL: 033948 FRAME: 0238

PATENT |

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> PATENT REEL: 033948 FRAME: 0239

LG Ref. 557940: 70-14 US CIT Ref. 6871 family

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 COMPOSITIONS"

for which the following patent applications:

| Г | Application Type | Serial No. | Filing Date/Nat'l Appl. Date |
|----------|-----------------------------------|------------|------------------------------|
| | US Provisional Patent Application | 61/426,456 | December 22, 2010 |
| } | US Patent Application | 13/274,240 | October 14, 2011 |

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 № C G -3 Z Pasadena, California 91125 United States of America

MIMO (ST

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

Page 1 of 4

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 A DULY REGISTER | CONTOUR ENERGY SYSTEMS, INC. A DULY REGISTERED CORPORATION OF THE STATE OF DELAWARE | | | | |
| | [Signed] | | | | |
| | [PRINTED NAME] | | | | |
| | | | | | |
| Date: | | | | | |
| STATE OF CALIFORNIA |)) ss. | | | | |
| COUNTY OF | | | | | |
| OnDate | , 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 | | | | | |

| ASSIGNEE By: CALIFORNIA INSTITUTE (A DULY REGISTERED CORI | OF TECHNOLOGY PORATION OF THE STATE OF CALIFORNIA |
|--|--|
| By: Fred Farma Title: Chief Innovative Date: 7/18/20/ | [SIGNED] [PRINTED NAME] [PRINTED NAME] [Chief Innovation Officer Chief Innovation Officer C |
| |) ss. ne, Melinda Bakarbessy, Notary Fublic Name and Title of Officer (e.g. "Jane Doe, Notary Public") |
| personally appeared Tred - Commission of Course Note of the Course Life A Assort Course Life A Assort Co | Name(s) of Signer(s) personally known to me person(s) whose name(e) 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. |
| Place Notary Seal Above | WITNESS my hand and official seal. |
| MELINDA BAKARBESSY Commission # 1934339 Notary Public - California Los Angeles County My Comm. Expires Apr 29, 2015 | |

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| I | JS Provisional Patent Application | 61/426,456 | December 22, 2010 |
| | JS Patent Application | 13/274,240 | October 14, 2011 |
| 1 | JO L CHOIL LEPPAROUNTON | <u> </u> | |

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

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United States of America

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Page 1 of 4

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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 | 1 |
|--------------------------|---|
| By: CONTOUR ENERGY SYSTE | MS, INC. |
| A DULY REGISTERED CORP | ORATION OF THE STATE OF DELAWARE |
| By: Lee Soile | [SIGNED] [PRINTED NAME] |
| Title: FO | |
| Date: | |
| STATE OF CALIFORNIA |)) ss. |
| COUNTY OF |) |
| On, before m | e,, 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 | |

| ASSI | GNEE | | | |
|-------|---|---|--|--|
| Ву: | CALIFORNIA INSTITUTE OF TECHNOLOGY A DULY REGISTERED CORPORATION OF THE STATE OF CALIFORNIA | | | |
| | Ву: | [SIGNED] | | |
| | | [PRINTED NAME] | | |
| | | | | |
| | Date: | | | |
| STAT | TE OF CALIFORNIA |)) ss. | | |
| COU | NTY OF |) | | |
| On _ | Date | , before me,, Name and Title of Officer (e.g. "Jane Doe, Notary Public") | | |
| perso | onally appeared | Name(s) of Signer(s) | | |
| | | 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 | e Notary Seal Above | | | |

Page 4 of 4

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