

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4773666

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DANIEL JASON MOOMAW	01/11/2018
COLLIN KWOK LEUNG MUI	01/11/2018
ESTEBAN M. HINOJOSA	01/11/2018
RECEIVING PARTY DATA	
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City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15744217
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ATTORNEY DOCKET NUMBER:	3601.019US1
NAME OF SUBMITTER:	BETH MOON
SIGNATURE:	/Beth Moon/
DATE SIGNED:	01/12/2018
Total Attachments: 5	
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source=3601.019US1 Assign#page3.tif	
source=3601.019US1 Assign#page4.tif	

ASSIGNMENT

WHEREAS, Daniel Jason Moomaw, Collin Kwok Leung Mui and Esteban M. Hinojosa (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention"); as described in the patent application filed on January 12, 2018, assigned US application serial number 15/744,217, and titled BIPOLAR BATTERY SEAL AND THERMAL RIB ARRANGEMENTS as described in a patent application filed on July 14, 2016 assigned PCT application serial number PCT/US2016/042343, and titled BIPOLAR BATTERY SEAL AND THERMAL RIB ARRANGEMENTS; as described in a provisional patent application filed on February 25, 2016 assigned United States application serial number 62/299,877, and titled SILICON CURRENT COLLECTOR FOR BIPOLAR BATTERY; as described in a provisional patent application filed on September 25, 2015 assigned United States application serial number 62/232,764, and titled BIPOLAR BATTERY HAVING THERMALLY CONDUCTIVE RIB; and as described in a provisional patent application filed on July 15, 2015 assigned United States application serial number 62/192,760, and titled BATTERY SEAL USING WAFER BONDING.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Gridtential Energy, Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 809 Aldo Avenue, Suite 102, Santa Clara, CA 95054, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;
such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

Assignment

Docket No: 3601.019US1

Assignors: Daniel Jason Moomaw et al.

Title: BIPOLAR BATTERY SEAL AND THERMAL RIB ARRANGEMENTS

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AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignment

Docket No: 3601.019US1


Assignors: Daniel Jason Moomaw et al.

Title: BIPOLAR BATTERY SEAL AND THERMAL RIB ARRANGEMENTS

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Assignor:

(Signature):

1  1

Name: Daniel Jason Moomaw

City/State: Santa Clara, CA

Date: 11 January 2018

Assignment

Docket No: 3601.019US1

Assignors: Daniel Jason Moomaw et al.

Title: BIPOLAR BATTERY SEAL AND THERMAL RIB ARRANGEMENTS

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Assignor:

(Signature):

/ Collin Kwok Leung Mui /

Name: Collin Kwok Leung Mui

City/State: Mountain View, CA

Date:

Jan 11, 2018

Assignment

Docket No: 3601.019US1

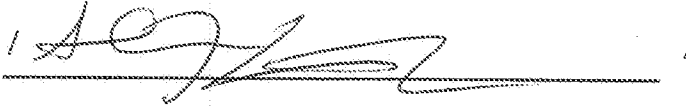
Assignors: Daniel Jason Moomaw et al.

Title: BIPOLAR BATTERY SEAL AND THERMAL RIS ARRANGEMENTS

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Assignor:

(Signature):



Name: Esteban M. Hinojosa

City/State: San Jose, CA

Date:

1/11/18