

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Bradley Lyon</td> <td>07/26/2013</td> </tr> <tr> <td>Adrianus I. Aria</td> <td>07/29/2013</td> </tr> <tr> <td>Morteza Gharib</td> <td>07/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	Bradley Lyon	07/26/2013	Adrianus I. Aria	07/29/2013	Morteza Gharib	07/29/2013
Name	Execution Date								
Bradley Lyon	07/26/2013								
Adrianus I. Aria	07/29/2013								
Morteza Gharib	07/29/2013								
RECEIVING PARTY DATA									
Name:	CALIFORNIA INSTITUTE OF TECHNOLOGY								
Street Address:	1200 E. California Blvd., M/C 6-32								
City:	Pasadena								
State/Country:	CALIFORNIA								
Postal Code:	91125								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13953618</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13953618				
Property Type	Number								
Application Number:	13953618								
CORRESPONDENCE DATA									
Fax Number:									
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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NAME OF SUBMITTER:	Mark Stirrat, Reg. No. 50,756								
Signature:	/Mark Stirrat/								

Date:

09/03/2013

Total Attachments: 5

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ASSIGNMENT

WHEREAS, **BRADLEY LYON, ADRIANUS I. ARIA, and MORTEZA GHARIB**, (referred to herein as "ASSIGNORS" in this document) are named inventors of the invention entitled **NANO TRI-CARBON COMPOSITE** (the "FIRST INVENTION"), for which a provisional application for a Patent of the United States was filed on **July 30, 2012**, having serial no. **61/677,132** (the "FIRST APPLICATION") having reference number **CIT 5933-P2**;

WHEREAS, ASSIGNORS are named inventors of the invention entitled **NANO TRI-CARBON COMPOSITE FOR HIGH DENSITY ELECTRICAL ENERGY STORAGE** (the "SECOND INVENTION"), for which a provisional application for a Patent of the United States was filed on **July 30, 2012**, having serial no. **61/677,115** (the "SECOND APPLICATION") having reference number **CIT 5932-P2**;

WHEREAS, the **FIRST INVENTION** and the **SECOND INVENTION** are collectively referred to as the "INVENTIONS" and the **FIRST APPLICATION** and the **SECOND APPLICATION** are collectively referred to as the "APPLICATIONS" herein;

WHEREAS, ASSIGNORS have received or assigned certain rights in the above-identified **INVENTIONS** and **APPLICATIONS**; and

WHEREAS, the **California Institute of Technology**, an entity organized under the laws of the state of California, having a registered office at 1200 E. California Blvd. M/C 6-32, Pasadena, CA 91125 ("ASSIGNEE") is desirous of obtaining the above-referenced **ASSIGNORS'** entire right, title and interest in, to and under the **INVENTIONS**, the **APPLICATIONS** and corresponding applications worldwide.

NOW, THEREFORE, in exchange for good and valuable consideration to **ASSIGNORS**, the receipt and sufficiency of which is hereby acknowledged, **ASSIGNORS** have sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said **ASSIGNEE**, its successors, legal representatives and assigns, his or her entire, worldwide right, title and interest in, to and under the **INVENTIONS** and **APPLICATIONS**, including, without limitation:

all right, title and interest in, to, and under any United States provisional or non-provisional application claiming or embodying the **INVENTIONS** or any other United States application claiming priority under 35 U.S.C. § 119(e) to a provisional application claiming or embodying the **INVENTIONS**, or converted therefrom, or to any application claiming the benefit under 35 U.S.C. § 120 of a non-provisional application claiming or embodying the **INVENTIONS**, including all divisions, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof;

all right, title and interest in, to, and under any application for industrial property protection, including all applications for patents, utility models, and designs, which may have

been previously filed or may hereafter be filed for the INVENTIONS in any country or international organization, together with the right to file such applications and the right to claim for the same the priority rights derived from any prior application for the INVENTIONS under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, Paris Treaty, Patent Cooperation Treaty, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable;

all right, title and interest in, to, and under any form of industrial property protection, including patents, utility models, inventors' certificates and designs, which may be granted for the invention in any country or international organization and all extensions, renewals and reissues thereof; and

all causes of action and enforcement rights of any kind under, or on account of, the APPLICATIONS or of any future patents that are subject to the assignment, including all rights to seek and obtain remedies of any kind for any past, current and future infringement, including any damages that have accrued to ASSIGNORS in the past or that may accrue in the future and any injunctive relief, all of the same to be held and enjoyed by the ASSIGNEE, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which patents may be granted as fully and entirely as the same would have been held and enjoyed by the ASSIGNORS had this sale and assignment not been made;

And ASSIGNORS hereby covenant and agree that, upon ASSIGNEE's request, he or she shall execute all documents and instruments prepared by ASSIGNEE, and shall do all lawful acts, in each case as may be reasonably necessary to perfect ASSIGNEE's right, title, and interest in and to the INVENTIONS and APPLICATIONS and recordation thereof;

And ASSIGNORS hereby authorize and request the United States Patent and Trademark Office, and any office and official of any country or international organization, whose duty it is to issue patents or other evidence or forms of intellectual or industrial property protection, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

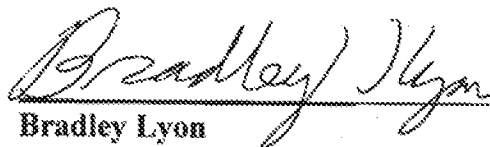
And ASSIGNORS hereby covenant and agree that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith;

And ASSIGNORS hereby further covenant and agree that he or she will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to him or her respecting said invention, testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the ASSIGNEE or, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries;

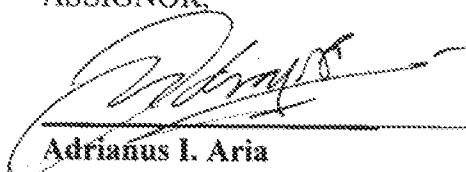
And ASSIGNORS hereby authorize ASSIGNEE's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number as desired at a later date.

In witness whereof, each party has affixed his or her signature:

ASSIGNOR,

 Date: 7/26/13
Bradley Lyon

ASSIGNOR,

 Date: 7/29/13
Adrianus I. Aria

ASSIGNOR,

Date: _____
Morteza Gharib

ASSIGNEE,

Date: _____
Fred Farina
Chief Innovation Officer
California Institute of Technology

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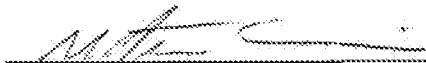
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Date: _____
Bradley Lyon

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Date: _____
Adrianus I. Aria

ASSIGNOR,



Date: 7/29/13
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ASSIGNEE,

Date: _____
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Date:

Bradley Lyon

ASSIGNOR,

Date:


Adrianus I. Aria

ASSIGNOR,

Date:

Morteza Gharib

ASSIGNEE,



Date: **AUG 13 2013**

Fred Farina
Chief Innovation Officer
California Institute of Technology