

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3971856

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SIBANI LISA BISWAL	02/14/2014
MICHAEL S. WONG	02/11/2014
MADHURI THAKUR	02/14/2014
RECEIVING PARTY DATA	
Name:	WILLIAM MARSH RICE UNIVERSITY
Street Address:	6100 MAIN STREET
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77005
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15147567
CORRESPONDENCE DATA	
Fax Number:	(713)650-2400
<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>	
Email:	famini@winstead.com, jcawlf@winstead.com
Correspondent Name:	FARHANG AMINI
Address Line 1:	WINSTEAD PC
Address Line 2:	P.O. BOX 131851
Address Line 4:	DALLAS, TEXAS 75313
ATTORNEY DOCKET NUMBER:	11321-P276USD1
NAME OF SUBMITTER:	FARHANG AMINI, PH.D.
SIGNATURE:	/Farhang Amini/
DATE SIGNED:	07/21/2016
Total Attachments: 3	
source=_Assignment - Rice#page1.tif	
source=_Assignment - Rice#page2.tif	
source=_Assignment - Rice#page3.tif	

Assignment of Invention

WHEREAS, I, Sibani Lisa Biswal, 6315 West Mystic Meadow, Houston, TX 77021, United States of America; I, **Michael S. Wong**, 3926 Rice Blvd., Houston, TX 77005, United States of America; and I, **Madhuri Thakur**, 3707 Audley Street, Apt. # 12208, Houston, TX 77098, United States of America have invented certain new and useful improvements in “**COMBINED ELECTROCHEMICAL AND CHEMICAL ETCHING PROCESS TO GENERATE HIERARCHICAL MICROPOROUS AND MESOPOROUS SILICON PARTICULATES AS AN ANODE FOR LITHIUM ION BATTERIES**” for which a provisional application for Letters Patent was filed on January 7, 2013 under Application Number 61/749,636; and in “**COMBINED ELECTROCHEMICAL AND CHEMICAL ETCHING PROCESSES FOR GENERATION OF POROUS SILICON PARTICULATES**” for which an international PCT application was filed on January 7, 2014 under Application Number PCT/US2014/010438 and for which a nonprovisional application for Letters Patent was filed on January 7, 2014 under Application Number 14/149,055;

WHEREAS, WILLIAM MARSH RICE UNIVERSITY, a university organized under the laws of Texas, having a principal office and place of business at 6100 Main Street, Houston, Texas 77005 (hereinafter ASSIGNEE) desires to jointly acquire from Sibana Lisa Biswal, Michael S. Wong and Madhuri Thakur the entire right, title and interest each has in and to said invention and to any Letters Patent that may be granted thereof from said applications in the United States and its territorial possessions, and any and all countries foreign to the United States of America;

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents so sell, assign and transfer unto said ASSIGNEE, all of my rights to the said invention in the United States and its territorial possessions and all countries foreign to the United States of America, and my entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof, and to any and all Letters Patent which may be granted therefore in all countries foreign to the United States.

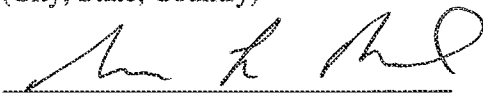
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and Patent Office Officials in all countries foreign to the United States to

issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the use and behalf of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions, and in all countries foreign to the United States.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE the power to insert on this assignment any further identification which 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.

EXECUTED AT: HOUSTON, TX USA
(City, State, Country)

Date: 2/14/12 
Sibani Lisa Biswal

EXECUTED AT: _____
(City, State, Country)

Date: _____
Michael S. Wong

EXECUTED AT: _____
(City, State, Country)

Date: _____
Madhuri Thakur

issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the use and behalf of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions, and in all countries foreign to the United States.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE the power to insert on this assignment any further identification which 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.

EXECUTED AT: _____
(City, State, Country)

Date: _____
Sibani Lisa Biswal

EXECUTED AT: HOUSTON, TX USA
(City, State, Country)

Date: FEB 11, 2014

Michael G. Wang

EXECUTED AT: FREMONT, CA, USA
(City, State, Country)

Date: 2-14-2014

Madhuri Thakur