

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Junseok Chae	07/26/2011
Bruce E. Rittmann	08/03/2011
Seokheun Choi	07/26/2011
Hyung-Sool Lee	08/03/2011
RECEIVING PARTY DATA	
Name:	Arizona Board of Regents, a body corporate of the State of Arizona acting for and on behalf of Arizona State University
Street Address:	1475 North Scottsdale Road
Internal Address:	Sky Song -- Suite 200
City:	Scottsdale
State/Country:	ARIZONA
Postal Code:	85257-3538
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13153110
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	512-472-5070
Email:	feng@fr.com
Correspondent Name:	Heather L. Flanagan
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Address Line 2:	P.O.BOX 1022
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ATTORNEY DOCKET NUMBER:	22193-0071001
NAME OF SUBMITTER:	Li Feng

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REEL: 026773 FRAME: 0055

Total Attachments: 5

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, Junseok Chae, of 4332 E. Redwood Lane, Phoenix, AZ 85048; Bruce E. Rittmann, of 90 West Cottage Lane, Tempe, AZ 85282; Seokheun Choi, of 13820 S. 44th St. #1001, Phoenix, AZ 85044; Hyung-Sool Lee, of 3939 W. Windills Blvd. 1126, Chandler, AZ 85226; hereby assign to Arizona Board of Regents, a body corporate of the State of Arizona acting for and on behalf of Arizona State University, a corporation of Arizona, having a place of business at 1475 North Scottsdale Road, Sky Song -- Suite 200, Scottsdale, AZ 85257-3538, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are the subject of and described and/or claimed in an application for United States Patent, entitled MICRO-SIZED MICROBIAL FUEL CELL, filed June 3, 2011, and assigned U.S. Serial Number 13/153,110, this assignment including said application, any and all United States and foreign patents, utility patents and models, continuations, continuations-in-part, divisional applications, reexaminations, reissues, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and this assignment also including, without limitation, any claims (known or unknown, suspected or unsuspected) of any nature that we have or may have against any party for infringement of any of the patents and patent applications listed herein, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof; and

we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations, and like rights of exclusion and for inventors' certificates for said inventions and improvements; and

we hereby covenant and agree that we will communicate to the Assignee or nominees all facts known to us pertaining to said inventions and improvements, and we agree for ourselves and our respective heirs, legal representatives, and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents, testify in all legal proceedings, make all rightful oaths and declarations, and in general perform or cause to be performed all lawful acts necessary or proper to aid the Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in foreign countries; and

we hereby covenant that we have the full right to convey the entire right, title, and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

DATE: July 26, 2011

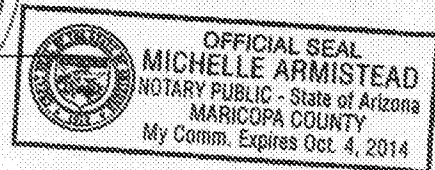
[Signature]
JUNSEOK CHAE

STATE OF Arizona)
COUNTY OF Maricopa) SS.

On 7-26-2011, before me, the undersigned, a notary public for the State of Arizona, there personally appeared JUNSEOK CHAE personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

[Signature]
Notary Public



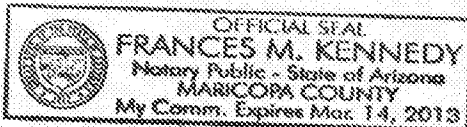
DATE: August 3, 2011

Bruce E. Rittmann
BRUCE E. RITTMANN

STATE OF Arizona)
COUNTY OF Maricopa) SS.

On August 3, 2011, before me, the undersigned, a notary public for the State of Arizona, there personally appeared BRUCE E. RITTMANN personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.



Frances M. Kennedy
Notary Public

DATE:

July 26, 2011

3 / 27
SEOKHEUN CHOI

STATE OF

Arizona

COUNTY OF

Maricopa

SS.

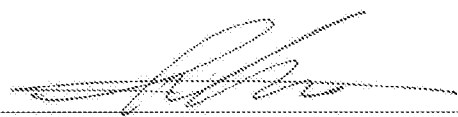
On 7-26-11, before me, the undersigned, a notary public for the State of Arizona, there personally appeared SEOKHEUN CHOI personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Michelle Armistead
Notary Public



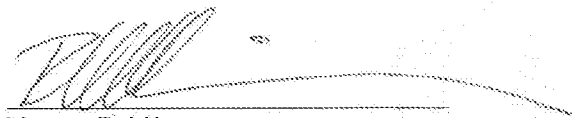
DATE: 3 August 2011


HYUNG-SOOL LEE

Province
STATE OF Ontario
COUNTY OF Canada) SS.

On August 3, 2011, before me, the undersigned, a notary public for the State-Province
~~of Arizona~~, there personally appeared HYUNG-SOOL LEE personally known to me (or proved to Ontario,
me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Canada
Assignment, who acknowledged having executed the same in his authorized capacity and that by
his signature on this Assignment, the person or the entity upon behalf of which he acted, executed
this Assignment.

WITNESS my hand and official seal.


Notary Public

Rebecca Wang Wickers