

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>Yujiang Song</td> <td>07/03/2013</td> </tr> <tr> <td>John A. Shelnut</td> <td>06/13/2013</td> </tr> <tr> <td>James E. Miller</td> <td>06/13/2013</td> </tr> <tr> <td>Craig John Medforth</td> <td>06/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yujiang Song	07/03/2013	John A. Shelnut	06/13/2013	James E. Miller	06/13/2013	Craig John Medforth	06/13/2013
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Yujiang Song	07/03/2013										
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RECEIVING PARTY DATA											
Name:	Sandia Corporation										
Street Address:	P.O. Box 5800, MS-0161										
Internal Address:	Legal Technology Transfer Center										
City:	Albuquerque										
State/Country:	NEW MEXICO										
Postal Code:	87185										
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>12166957</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12166957						
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Application Number:	12166957										
CORRESPONDENCE DATA											
Fax Number:	5058441418										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	505-284-0861										
Email:	nmishal@sandia.gov										
Correspondent Name:	Sandia National Laboratories										
Address Line 1:	P.O. Box 5800, MS-0161										
Address Line 2:	Legal Technology Transfer Center										
Address Line 4:	Albuquerque, NEW MEXICO 87185										
ATTORNEY DOCKET NUMBER:	SD10206.3/S129972										
NAME OF SUBMITTER:	Najat Mishalanie										

CH \$40.00 12166957

Signature:	/Najat Mishalanie/
Date:	07/08/2013
Total Attachments: 7 source=SD10206_3_Executed_Assignment_Song#page1.tif source=SD10206_3_Executed_Assignment_Song#page2.tif source=SD10206_3_Executed_Assignment_Shelnutt_Miller#page1.tif source=SD10206_3_Executed_Assignment_Shelnutt_Miller#page2.tif source=SD10206_3_Executed_Assignment_Shelnutt_Miller#page3.tif source=SD10206_3_Executed_Assignment_Medforth#page1.tif source=SD10206_3_Executed_Assignment_Medforth#page2.tif	

ASSIGNMENT

WHEREAS, **Tochi Tudor Nwoga, Kazuo Kawahara, Wen Li, Yukiyoishi Ueno and Tetsuo Kawamura (the "Toyota Inventors") and Yujiang Song, John A. Shelnett, James E. Miller and Craig John Medforth (the "Sandia Inventors")**, has(have) made an invention relating to **Photocatalytic Methods for Preparation of Electrocatalyst Materials** in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION and the UNITED STATES DEPARTMENT OF ENERGY, said invention being disclosed and claimed in **Application Serial No. 12/166,957** for United States patent, filed **July 2, 2008**, and identified as DOE Docket No: **S-129972** duly executed by said inventor(s) and

WHEREAS the Sandia Inventor(s), in consideration of employment by Sandia Corporation, has(have) assigned to Sandia Corporation, its successors and assigns, all of their rights to inventions, discoveries, or improvements made or conceived in the course of their employment; and

WHEREAS, title to the above-identified invention vests in the Government of the United States, as represented by the U.S. Department of Energy, as governed by 42 U.S.C. 5908; and

WHEREAS, the Government of the United States, as represented by the U.S. Department of Energy has granted a waiver of Government rights in the above-identified invention to Sandia Corporation; and

THEREFORE, the Sandia Inventors hereby sell, assign, and transfer unto Sandia Corporation their entire right, title, and interest in and to said invention and in and to all resulting patents, wherever they may be granted, as well as reissues or extensions of said patents, to the extent that the Sandia Inventors' right, title, and interest in and to said invention has(have) not already been sold, assigned, or transferred to Sandia Corporation by Inventor(s) in consideration of Inventor(s) employment by Sandia Corporation.

The Sandia Inventors covenant with Sandia Corporation that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. They agree, at the request of Sandia corporation, to make, execute, and deliver to Sandia Corporation, the Government, or other party prosecuting patent applications on this invention, any and all papers, documents, affidavits, applications, statements or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of them in or incident to the prosecution of any or all applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved.

July 1, 2013

Signed at Dalian, Peoples Republic of China



07/03/2013

Yujiang Song Date

Address: 457 Zhongshan Road, Group DNLOST3, Dalian 116023, P.R. China

Approved and consented by:

SANDIA CORPORATION

Date:

7/8/13



Kerry Kampschmidt
Senior Managing IP Counsel
Legal Technology Transfer Center

ASSIGNMENT

WHEREAS, **Tochi Tudor Nwoga, Kazuo Kawahara, Wen Li, Yukiyoishi Ueno and Tetsuo Kawamura (the "Toyota Inventors") and Yujiang Song, John A. Shelmutt, James E. Miller and Craig John Medforth (the "Sandia Inventors")**, has(have) made an invention relating to **Photocatalytic Methods for Preparation of Electrocatalyst Materials** in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION and the UNITED STATES DEPARTMENT OF ENERGY, said invention being disclosed and claimed in **Application Serial No. 12/166,957** for United States patent, filed **July 2, 2008**, and identified as DOE Docket No: **S-129972** duly executed by said inventor(s) and

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Signed at Albuquerque New Mexico.

John A. Shelmutt
John A. Shelmutt

6-13-2013
Date

STATE OF NEW MEXICO)
) ss:
COUNTY OF BERNALILLO)

On this 13 day of June, 2013, personally appeared before me, **John A. Shelmutt**, to me known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that he executed the same.

Stephanie R. Galgo
Notary Public



My commission expires: Feb 23, 2015

June 11, 2013

J. Shelmutt-J. Miller

Signed at Albuquerque, New Mexico.

James E. Miller
James E. Miller

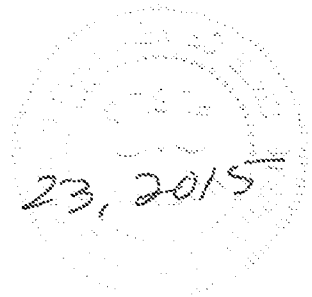
06/13/2013
Date

STATE OF NEW MEXICO)
) ss:
COUNTY OF BERNALILLO)

On the above date personally appeared before me, James E. Miller, to me known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that he executed the same.

Stephanie R. Hedges
Notary Public

My commission expires Feb 23, 2015



Approved and consented by:

Date: 7/3/13

SANDIA CORPORATION

Kerry Kampschmidt

Kerry Kampschmidt
Senior Managing IP Counsel
Legal Technology Transfer Center

ASSIGNMENT

WHEREAS, Tochi Tudor Nwoga, Kazuo Kawahara, Wen Li, Yukiyoishi Ueno and Tetsuo Kawamura (the "Toyota Inventors") and Yujiang Song, John A. Shelnett, James E. Miller and Craig John Medforth (the "Sandia Inventors"), has(have) made an invention relating to **Photocatalytic Methods for Preparation of Electrocatalyst Materials** in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION and the UNITED STATES DEPARTMENT OF ENERGY, said invention being disclosed and claimed in **Application Serial No. 12/166,957** for United States patent, filed **July 2, 2008**, and identified as DOE Docket No: **S-129972** duly executed by said inventor(s) and

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Signed at PORTO, Portugal

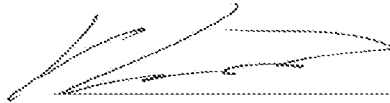
Craig John Medforth
Craig John Medforth

13th June, 2013.
Date

Approved and consented by:

Date: 7/3/13

SANDIA CORPORATION



Kerry Kampschmidt
Senior Managing IP Counsel
Legal Technology Transfer Center