

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2739091

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>NOBUAKI NONOYAMA</td> <td>08/19/2013</td> </tr> <tr> <td>MASANORI AIMU</td> <td>08/19/2013</td> </tr> <tr> <td>RANDAL LEWIS PERRY</td> <td>07/22/2013</td> </tr> <tr> <td>MARK GERRIT ROELOFS</td> <td>06/28/2013</td> </tr> <tr> <td>ROBERT CLAYTON WHELAND</td> <td>06/28/2013</td> </tr> <tr> <td>RALPH MUNSON ATEN</td> <td>07/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	NOBUAKI NONOYAMA	08/19/2013	MASANORI AIMU	08/19/2013	RANDAL LEWIS PERRY	07/22/2013	MARK GERRIT ROELOFS	06/28/2013	ROBERT CLAYTON WHELAND	06/28/2013	RALPH MUNSON ATEN	07/19/2013
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RECEIVING PARTY DATA															
Name:	TOYOTA JIDOSHA KABUSHI KAISHA														
Street Address:	1, TOYOTA-CHO														
City:	TOYOTA-SHI, AICHI-KEN														
State/Country:	JAPAN														
Postal Code:	471-8571														
Name:	E.I. DU PONT DE NEMOURS AND COMPANY														
Street Address:	1007 MARKET STREET														
City:	WILMINGTON														
State/Country:	DELAWARE														
Postal Code:	19898														
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>13995635</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13995635										
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Application Number:	13995635														
CORRESPONDENCE DATA															
Fax Number:	(202)220-4201														
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ATTORNEY DOCKET NUMBER:	02013/75
NAME OF SUBMITTER:	DANIEL G. SHANLEY
Signature:	/Daniel G. Shanley/
Date:	02/24/2014

Total Attachments: 4

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ASSIGNMENT

WHEREAS, I/WE,

Nobuaki Nonoyama
Susono-shi, Shizuoka-ken, Japan,

Masanori Aimu
Susono-shi, Shizuoka-ken, Japan,

Randal Lewis Perry
15 Staten Drive, Hockessin, Delaware 19707, United States of America,

Mark Gerrit Roelofs
255 Stoney Battery Rd, Earleville, Maryland 21919, United States of America,

Robert Clayton Wheland
510 Twadell Mill Road, Wilmington, Delaware 19807, United States of America, and

Ralph Munson Aten
4 Ridgeway Drive, Chadds Ford, Pennsylvania 19317, United States of America,

have made one or more new and useful inventions and/or discoveries as described and/or claimed in a United States non-provisional patent application entitled **CATHODE CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY AND POLYMER ELECTROLYTE FUEL CELL AND MANUFACTURING METHOD THEREOF**, filed as application number 13/995,635 on June 19, 2013 (hereinafter referred to as “the Application”);¹

WHEREAS, **TOYOTA JIDOSHA KABUSHIKI KAISHA**, a company organized under the laws of Japan, with a place of business at **1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan**, and **E. I. du Pont de Nemours and Company**, a company organized under the laws of **the United States of America**, with a place of business at **1007 Market Street, Wilmington, Delaware 19898 United States of America** (hereinafter referred to as “the Assignees”), are desirous of acquiring the title, rights, interests, benefits and privileges herein recited;

NOW, THEREFORE, for valuable consideration furnished by Assignees to me/us, the receipt and sufficiency of which is hereby acknowledged, I/we hereby, without reservations:

1. Assign, transfer, and convey to Assignees the entire right, title, and interest in and to the Application, any and all inventions and discoveries therein described and/or claimed, and any and all Letters Patent that may be issued upon the Application, or for the inventions or

¹ In the event the Application is not identified in the spaces above by application number and filing date, I hereby authorize and request Kenyon & Kenyon LLP to insert the application number and filing date of the Application in the spaces above when known.

discoveries therein contained, or upon any application based upon or claiming priority to the Application, in any and all countries, including all non-provisional, divisional, continuation, renewal, substitute, reissue, reexamination, international (including under the Patent Cooperation Treaty) and Convention applications, and any and all reissues and extensions of Letters Patent granted based upon the Application, for said inventions and discoveries, or upon any application based upon or claiming priority to the Application, and every priority right that is or may be predicated upon or arise from the Application, said inventions and discoveries, or any application based upon or claiming priority to the Application.

2. Authorize Assignees to file patent applications in any or all countries for any or all of said inventions and discoveries in my/our name(s) or in the name of Assignees or otherwise as Assignees may deem advisable.

3. Authorize and request the Commissioner for Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignees, as assignee of the entire right, title, and interest therein or otherwise as Assignees may direct.

4. Warrant that I/we have not knowingly conveyed to others any right, title or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that I/we have good right to assign the same to Assignees without encumbrance; and that I/we are aware of no claim to the contrary.

5. Bind my/our heirs, legal representatives, and assigns, as well as myself/ourselves, to do, upon Assignees' request and at Assignees' expense, but without additional consideration to me/us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignees as fully and entirely as the same could have been held and enjoyed by me/us, my/our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignees all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignees; to communicate to Assignees all facts known to me/us relating to said inventions and discoveries or the history thereof; to furnish Assignees with any and all documents, photographs, models, samples, and other physical exhibits in my/our control or in the control of my/our heirs, legal representatives, or assigns which may be useful for establishing the facts of my/our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify, upon Assignees' request, to the same in any interference, arbitration, litigation or other proceeding pertaining to the said inventions and discoveries, the said patent applications, and/or the said Letters Patent.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 14th
day of August, 2013

Nobuaki Nonoyama
Nobuaki Nonoyama

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 19th
day of August, 2013

Masanori Aimu
Masanori Aimu

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 22nd
day of July, 2013

Randal Lewis Perry
Randal Lewis Perry

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 28th
day of June, 2013

Mark Gerrit Roelofs
Mark Gerrit Roelofs

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 25th
day of June, 2013

Robert Clayton Wheland
Robert Clayton Wheland

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 19th
day of July, 2013

Ralph Munson Aten
Ralph Munson Aten