

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SACHIO OKADA	05/22/2017
TAKUYA KURIHARA	05/25/2017
FUMISHIGE SHIZUKU	05/23/2017
RYOGO MURAYAMA	05/25/2017
MAKOTO KAMIYA	05/25/2017
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<b>City:</b>	TOYOTA-SHI, AICHI-KEN
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	471-8571
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15626739
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<b>ATTORNEY DOCKET NUMBER:</b>	73268-28
<b>NAME OF SUBMITTER:</b>	CHRISTIAN C. MICHEL
<b>SIGNATURE:</b>	/Christian C. Michel/
<b>DATE SIGNED:</b>	06/19/2017
<b>Total Attachments: 3</b>	

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**PATENT**

**REEL: 042749 FRAME: 0398**

**ASSIGNMENT – U.S. Application**

WHEREAS,

1. Sachio OKADA, residing at Sunto-gun, Shizuoka-ken, Japan, having a place of business at TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571, Japan, and a citizen of Japan;

2. Takuya KURIHARA, residing at Miyoshi-shi, Aichi-ken, Japan, having a place of business at TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571, Japan, and a citizen of Japan; and

3. Fumishige SHIZUKU, residing at Seto-shi, Aichi-ken, Japan, having a place of business at TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571, Japan, and a citizen of Japan;

4. Ryogo MURAYAMA, residing at Toyota-shi, Aichi-ken, Japan, having a place of business at KOJIMA INDUSTRIES CORPORATION, 3-30 Shimoichiba-cho, Toyota-shi, Aichi-ken, 471-8588, Japan, and a citizen of Japan; and

5. Makoto KAMIYA, residing at Toyota-shi, Aichi-ken, Japan, having a place of business at KOJIMA INDUSTRIES CORPORATION, 3-30 Shimoichiba-cho, Toyota-shi, Aichi-ken, 471-8588, Japan, and a citizen of Japan;

(herein called "THE UNDERSIGNED") has made an invention and has executed an application for Letters Patent of the United States on \_\_\_\_\_ for this invention, which application is entitled **FUEL-CELL UNIT CELL AND MANUFACTURING METHOD THEREFOR**, and which has been given Serial Number \_\_\_\_\_; which is based on and claims priority from Japanese Patent Application No. 2016-145133, filed July 25, 2016;

AND WHEREAS **TOYOTA JIDOSHA KABUSHIKI KAISHA** (herein called "ASSIGNEE"), a corporation organized under the laws of Japan, and having an office and place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571, Japan, wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sells, assigns and transfers to the ASSIGNEE, its successors and assigns, the entire right, title and interest for all countries in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisionals, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said invention including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and THE UNDERSIGNED hereby authorizes and requests the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agrees that THE UNDERSIGNED, its executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other

instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest in the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represents and agrees with said ASSIGNEE its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

The undersigned hereby grant the firm of Dickinson Wright PLLC 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 Office for recordation of this document.

IN TESTIMONY WHEREOF, THE UNDERSIGNED has hereunto set its hand on the date indicated below.

Sachio OKADA

Printed Name

Sachio Okada

Signature

May 22, 2017

Date

Takuya KURIHARA

Printed Name

Takuya Kurihara

Signature

May 25, 2017

Date

Fumishige SHIZUKU

Printed Name

Fumishige Shizuku

Signature

May 23, 2017

Date

Ryogo MURAYAMA

Printed Name

Ryogo Murayama

Signature

May 25, 2017

Date

Attorney Docket No.: 073268-

Makoto KAMIYA

Printed Name

Makoto KAMIYA  
Signature

May 25, 2017  
Date

Note: No legalization or other witness required