

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
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<table border="1"> <tr> <td>Name:</td> <td>TOYOTA JIDOSHA KABUSHIKI KAISHA</td> </tr> <tr> <td>Street Address:</td> <td>1, Toyota-cho</td> </tr> <tr> <td>City:</td> <td>Toyota-shi, Aichi-ken</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>471-8571</td> </tr> </table>		Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	Street Address:	1, Toyota-cho	City:	Toyota-shi, Aichi-ken	State/Country:	JAPAN	Postal Code:	471-8571				
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PROPERTY NUMBERS Total: 1															
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CORRESPONDENCE DATA															
Fax Number:	(202)220-4201														
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OP \$40.00 13516163

*via US Mail.*

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ATTORNEY DOCKET NUMBER:

10517/597

NAME OF SUBMITTER:

Matthew G. Kuspa

Total Attachments: 4

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ASSIGNMENT

WHEREAS, we, Hiroyuki IMANISHI, Kota MANABE,  
Nobuyuki KITAMURA, Takahiko HASEGAWA, Atsuo KAWAMURA and Yukinori  
TSURUTA, citizens of Japan, all residing at Toyota-shi, Aichi-ken,  
Japan, Toyota-shi, Aichi-ken, Japan, Minamitsuru-gun,  
Yamanashi-ken, Japan, Toyota-shi, Aichi-ken, Japan, Yokohama-shi,  
Kanagawa-ken, Japan and Yokohama-shi, Kanagawa-ken, Japan,  
respectively, have invented new and useful improvements in  
FUEL CELL SYSTEM INCLUDING SOFT SWITCHING BOOST CONVERTER for which we are  
about to make application for Letters Patent of the United States,  
said application having been executed by us on even date herewith;  
and

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA and  
National University Corporation Yokohama National University,  
Companies of Japan, having their places of business at 1, Toyota-cho,  
Toyota-shi, Aichi-ken, 471-8571 Japan and 79-1 Tokiwadai,  
Hodogayaku, Yokohama City 240-8501 Japan, respectively,  
(hereinafter referred to as the Assignees), are desirous of acquiring  
the entire right, title and interest in and to the application  
and the invention therein described and claimed and any Letters  
Patent that may be issued upon the application or for the improvements  
therein contained.

NOW, THEREFORE, for and in consideration of the  
equivalent sum of One Dollar (\$1.00) to us in hand paid, the receipt  
and sufficiency whereof is hereby acknowledged, we have sold,  
assigned and transferred, and do hereby sell, assign and transfer  
unto the Assignees, their successors and assigns, the entire right,  
title and interest in and to the application and the invention  
therein contained, including the right to apply for any Letters  
Patent in the United States of America on the invention, any Letters

Patent that may issue thereon or therefor, in the United States, and all reissues, extensions, renewals, divisions and continuations thereof, to the full end of the term or terms for which the Letters Patent may be issued, the same to be held and enjoyed by the Assignees, their successors and assigns, the same as it would have been held and enjoyed by us if this Assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents to issue all such Letters Patent to the Assignees, their successors and assigns, in accordance with this instrument of Assignment.

We hereby represent and warrant that there are no rights and interests outstanding inconsistent with the rights and interests granted herein and that we will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and we bind ourselves, our heirs, executors, administrators and legal representatives, as the case may be, to execute and deliver to the Assignees, their successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the Assignees, their successors and assigns, to vest in the Assignees, their successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States.

And we further covenant and agree, in consideration of the premises that we, our executors and administrators, will at any time upon request communicate to the Assignees, their successors and assigns, any facts relating to the invention and improvements and the history thereof, known to us or our executors and administrators, and that we will testify as to the same in any interference or other litigation when requested so to do by the Assignees, their successors and assigns.

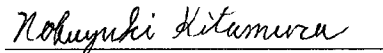
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal  
this 8th day of June, 2012.

  
(Hiroyuki IMANISHI)

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal  
this 8th day of June, 2012.

  
(Kota MANABE)

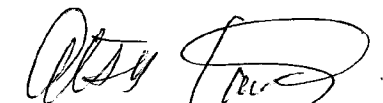
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(Takahiko HASEGAWA)

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(Atsuo KAWAMURA)

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal  
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(Yukinori TSURUTA)

WITNESSED BY:

Yoshinobu Hasuka  
Yoshinobu HASUKA

WITNESSED BY:

Marie Yamaashi  
Marie YAMAASHI