

## PATENT ASSIGNMENT COVER SHEET

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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>MASAO WATANABE</td> <td>09/19/2013</td> </tr> <tr> <td>SHIGEHARU TAKAGI</td> <td>11/25/2013</td> </tr> <tr> <td>AKIRA MORIKAWA</td> <td>12/09/2013</td> </tr> <tr> <td>TAKUTO HIROSE</td> <td>12/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	MASAO WATANABE	09/19/2013	SHIGEHARU TAKAGI	11/25/2013	AKIRA MORIKAWA	12/09/2013	TAKUTO HIROSE	12/09/2013
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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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CORRESPONDENCE DATA											
<p>Fax Number: (202)408-4400</p> <p>Phone: 2024084000</p> <p>Email: sopheareak.in@finnegan.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: FINNEGAN, HENDERSON, FARABOW, GARRETT &amp;</p> <p>Address Line 1: 901 NEW YORK AVENUE, NW</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20001</p>											
ATTORNEY DOCKET NUMBER:	07057.0830										
NAME OF SUBMITTER:	SOPHEAREAK C. IN										
Signature:	/Sopheareak C. In/										

Date:

01/13/2014

Total Attachments: 2

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SOLE/JOINT INVENTION  
(U.S. Rights Only)  
Attorney Docket No.

### ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

EXHAUST GAS CATALYST, METHOD FOR THE PRODUCTION OF CARRIER, METHOD FOR THE PRODUCTION OF EXHAUST GAS CATALYST, AND APPARATUS FOR TREATING EXHAUST GAS

for which I/WE executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on , 20 (Application No. ), and

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA  
a corporation of Japan

whose post office address is 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 14/009,577, filed Oct. 3, 2013) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Masao WATANABE	ASSIGNOR'S SIGNATURE <i>Masao Watanabe</i>	DATE September 19, 2013
ADDRESS c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan		CITIZENSHIP JAPAN
2. FULL NAME OF SECOND ASSIGNOR Shigeharu TAKAGI	ASSIGNOR'S SIGNATURE <i>Shigeharu Takagi</i>	DATE November 25, 2013
ADDRESS c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan		CITIZENSHIP JAPAN

SOLE/JOINT INVENTION  
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3. FULL NAME OF THIRD ASSIGNOR Akira MORIKAWA	ASSIGNOR'S SIGNATURE <i>Akira Morikawa</i>	DATE <i>December 9, 2013</i>
ADDRESS c/o KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO of 41-1, Yokomichi, Nagakute-shi, Aichi-ken 480-1192, Japan		CITIZENSHIP JAPAN
4. FULL NAME OF FOURTH ASSIGNOR Takuto HIROSE	ASSIGNOR'S SIGNATURE <i>Takuto Hirose</i>	DATE <i>December 9, 2013</i>
ADDRESS c/o KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO of 41-1, Yokomichi, Nagakute-shi, Aichi-ken 480-1192, Japan		CITIZENSHIP JAPAN