

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kimikazu YODA</td> <td>05/06/2009</td> </tr> <tr> <td>Takaaki ITOU</td> <td>05/07/2009</td> </tr> <tr> <td>Keisuke SANO</td> <td>05/07/2009</td> </tr> <tr> <td>Kazuhiro WAKAO</td> <td>05/07/2009</td> </tr> </tbody> </table>		Name	Execution Date	Kimikazu YODA	05/06/2009	Takaaki ITOU	05/07/2009	Keisuke SANO	05/07/2009	Kazuhiro WAKAO	05/07/2009
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CORRESPONDENCE DATA											
<p>Fax Number: (202)408-4400</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-408-4000</p> <p>Email: ann.denikos@finnegan.com</p> <p>Correspondent Name: FINNEGAN, HENDERSON, FARABOW, GARRETT &</p> <p>Address Line 1: 901 NEW YORK AVENUE, NW</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20001-4413</p>											
ATTORNEY DOCKET NUMBER:	10837.0007-00000										
NAME OF SUBMITTER:	Ann Denikos										
<p>Total Attachments: 1</p> <p>source=Assignment#page 1.tif</p>											

OP \$40.00 12594865

PATENT

500981163

REEL: 023331 FRAME: 0959

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Kimikazu YODA
(3) Keisuke SANO

(2) Takaaki ITOU
(4) Kazuhiro WAKAO

who have made a certain new and useful invention, hereby sell, assign and transfer unto

TOYOTA JIDOSHA KABUSHIKI KAISHA
1, Toyota-cho, Toyota-shi
Aichi-ken, 471-8571
JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

Exhaust Emission Control Device for Internal Combustion Engine and Performance Diagnosis
Method for NOx Adsorbent

for which an application for United States Letters Patent was executed on even date herewith,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the international Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Kimikazu Yoda</u> Name: Kimikazu YODA	<u>May 6, 2009</u>
2) <u>Takaaki ITOU</u> Name: Takaaki ITOU	<u>May 7, 2009</u>
3) <u>Keisuke Sano</u> Name: Keisuke SANO	<u>May 7, 2009</u>
4) <u>Kazuhiro Wakao</u> Name: Kazuhiro WAKAO	<u>May 7, 2009</u>