

PATENT ASSIGNMENT

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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>Yasushi IWAZAKI</td> <td>03/17/2009</td> </tr> <tr> <td>Toru KIDOKORO</td> <td>03/17/2009</td> </tr> <tr> <td>Hiroshi SAWADA</td> <td>03/17/2009</td> </tr> <tr> <td>Keiji IMAMURA</td> <td>03/17/2009</td> </tr> <tr> <td>Fumihiko NAKAMURA</td> <td>03/17/2009</td> </tr> </tbody> </table>		Name	Execution Date	Yasushi IWAZAKI	03/17/2009	Toru KIDOKORO	03/17/2009	Hiroshi SAWADA	03/17/2009	Keiji IMAMURA	03/17/2009	Fumihiko NAKAMURA	03/17/2009
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CORRESPONDENCE DATA													
Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (703) 413-3000 Email: sbadic@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314													
ATTORNEY DOCKET NUMBER:	340520US26												
NAME OF SUBMITTER:	Svjetlana Badic												

OP \$40.00 12416262

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PATENT
REEL: 022500 FRAME: 0050

Total Attachments: 2

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Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Yasushi IWAZAKI of Ebina-shi, Kanagawa-ken, Japan,
Toru KIDOKORO of Hadano-shi, Kanagawa-ken, Japan,
Hiroshi SAWADA of Gotenba-shi, Shizuoka-ken, Japan,
Keiji IMAMURA of Susono-shi, Shizuoka-ken, Japan, and
Fumihiko NAKAMURA of Susono-shi, Shizuoka-ken, Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS

_____, respectively,

INSERT TITLE
OF INVENTION

have invented certain new and useful improvements in: APPARATUS AND METHOD FOR DETECTING
ABNORMAL AIR-FUEL RATIO VARIATION AMONG CYLINDERS OF MULTI-CYLINDER INTERNAL
COMBUSTION ENGINE

INSERT DATE IN
VENTORS SIGNED
DECLARATION

for which an application for Letters Patent was executed on March 17, 2009

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____

1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

03/03

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: March 17, 2009

Yasushi Iwazaki
(Signature of Inventor) Yasushi IWAZAKI

Date: March 17, 2009

Toru Kidokoro
(Signature of Inventor) Toru KIDOKORO

Date: March 17, 2009

Hiroshi Sawada
(Signature of Inventor) Hiroshi SAWADA

Date: March 17, 2009

Keiji Imamura
(Signature of Inventor) Keiji IMAMURA

Date: March 17, 2009

Fumihiko Nakamura
(Signature of Inventor) Fumihiko NAKAMURA

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

03/03