

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Takeshi AOKI</td> <td>03/27/2012</td> </tr> <tr> <td>Atsuhiko MIYAUCHI</td> <td>03/28/2012</td> </tr> <tr> <td>Michinori TANI</td> <td>03/28/2012</td> </tr> <tr> <td>Seiji WATANABE</td> <td>03/28/2012</td> </tr> <tr> <td>Tooru SEKIGUCHI</td> <td>03/28/2012</td> </tr> <tr> <td>Hiroyuki ANDO</td> <td>03/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Takeshi AOKI	03/27/2012	Atsuhiko MIYAUCHI	03/28/2012	Michinori TANI	03/28/2012	Seiji WATANABE	03/28/2012	Tooru SEKIGUCHI	03/28/2012	Hiroyuki ANDO	03/28/2012
Name	Execution Date														
Takeshi AOKI	03/27/2012														
Atsuhiko MIYAUCHI	03/28/2012														
Michinori TANI	03/28/2012														
Seiji WATANABE	03/28/2012														
Tooru SEKIGUCHI	03/28/2012														
Hiroyuki ANDO	03/28/2012														
RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>HONDA MOTOR CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Minami-Aoyama 2-chome, Minato-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>107-8556</td> </tr> </table>		Name:	HONDA MOTOR CO., LTD.	Street Address:	1-1, Minami-Aoyama 2-chome, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	107-8556				
Name:	HONDA MOTOR CO., LTD.														
Street Address:	1-1, Minami-Aoyama 2-chome, Minato-ku														
City:	Tokyo														
State/Country:	JAPAN														
Postal Code:	107-8556														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13436996</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13436996										
Property Type	Number														
Application Number:	13436996														
CORRESPONDENCE DATA															
<p>Fax Number: (703)519-9958</p> <p>Phone: 703-519-9953</p> <p>Email: ychinen@dcpatent.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Masayasu Mori</p> <p>Address Line 1: 918 PRINCE STREET</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>															
ATTORNEY DOCKET NUMBER:	P6131US00														

OP \$40.00 13436996

NAME OF SUBMITTER:

Masayasu Mori

Total Attachments: 2

source=H111-1059-US01\_P6131US00\_Assignment#page1.tif

source=H111-1059-US01\_P6131US00\_Assignment#page2.tif

### ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I (we) the undersigned, Takeshi AOKI, Atsuhiko MIYAUCHI, Michinori TANI, Seiji WATANABE, Tooru SEKIGUCHI, and Hiroyuki ANDO hereby sell, assign, and transfer to HONDA MOTOR CO., LTD., a corporation of Japan, having a principal place of business at 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 Japan ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent, entitled:

#### ABNORMALITY DETERMINING APPARATUS FOR AIR-FUEL RATIO SENSOR

- ☒ which has been executed by the undersigned concurrently herewith,  
☐ which was filed on      and assigned Serial No.

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been 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(s) registered practitioners of the firm of Ditthavong Mori & Steiner, P.C. of 918 Prince 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.

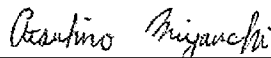
**Each Inventor: Please Sign and Date Below:**

Mar. 27, 2012  
Date

  
Name: Takeshi AOKI

**Each Inventor: Please Sign and Date Below:**

Mar. 28, 2012  
Date

  
Name: Atsuhiro MIYAUCHI

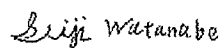
**Each Inventor: Please Sign and Date Below:**

Mar. 28, 2012  
Date

  
Name: Michinori TANI

**Each Inventor: Please Sign and Date Below:**

Mar. 28, 2012  
Date

  
Name: Seiji WATANABE

**Each Inventor: Please Sign and Date Below:**

Mar. 28, 2012  
Date

  
Name: Tooru SEKIGUCHI

**Each Inventor: Please Sign and Date Below:**

Mar. 28, 2012  
Date

  
Name: Hiroyuki ANDO