

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | |
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| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kazuhiko IMAMURA</td> <td>04/06/2011</td> </tr> <tr> <td>Masaaki NAGASHIMA</td> <td>04/06/2011</td> </tr> <tr> <td>Hiroshi YATANI</td> <td>04/06/2011</td> </tr> <tr> <td>Tomoharu HOZUMI</td> <td>04/06/2011</td> </tr> <tr> <td>Nobuaki ITO</td> <td>04/06/2011</td> </tr> <tr> <td>Chiharu SHIMIZU</td> <td>04/13/2011</td> </tr> </tbody> </table> | | Name | Execution Date | Kazuhiko IMAMURA | 04/06/2011 | Masaaki NAGASHIMA | 04/06/2011 | Hiroshi YATANI | 04/06/2011 | Tomoharu HOZUMI | 04/06/2011 | Nobuaki ITO | 04/06/2011 | Chiharu SHIMIZU | 04/13/2011 |
| Name | Execution Date | | | | | | | | | | | | | | |
| Kazuhiko IMAMURA | 04/06/2011 | | | | | | | | | | | | | | |
| Masaaki NAGASHIMA | 04/06/2011 | | | | | | | | | | | | | | |
| Hiroshi YATANI | 04/06/2011 | | | | | | | | | | | | | | |
| Tomoharu HOZUMI | 04/06/2011 | | | | | | | | | | | | | | |
| Nobuaki ITO | 04/06/2011 | | | | | | | | | | | | | | |
| Chiharu SHIMIZU | 04/13/2011 | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | |
| 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>13103954</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13103954 | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | |
| Application Number: | 13103954 | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | |
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| NAME OF SUBMITTER: | Masayasu Mori | | | | | | | | | | | | | | |
| Total Attachments: 2 source=P5202US00_Assignment#page1.tif source=P5202US00_Assignment#page2.tif | | | | | | | | | | | | | | | |

OP \$40.00 13103954

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I (we) the undersigned, Kazuhiko IMAMURA, Masaaki NAGASHIMA, Hiroshi YATANI, Tomoharu HOZUMI, Nobuaki ITO, and Chiharu SHIMIZU, 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:

APPARATUS TO CONTROL INTERNAL COMBUSTION ENGINE,
METHOD FOR CONTROLLING INTERNAL COMBUSTION
ENGINE AND NON-TRANSITORY COMPUTER-READABLE
RECORDING MEDIUM

- 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 State Patent and Trademark Office for recordation of this document.

Each Inventor: Please Sign and Date Below:

April 6, 2011
Date

Kazuhiko Imamura
Name: Kazuhiko IMAMURA

Each Inventor: Please Sign and Date Below:

April 6, 2011
Date

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Name: Masaaki NAGASHIMA

Each Inventor: Please Sign and Date Below:

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Name: Hiroshi YATANI

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Name: Tomoharu HOZUMI

Each Inventor: Please Sign and Date Below:

April 6, 2011
Date

Nobuaki Ito
Name: Nobuaki ITO

Each Inventor: Please Sign and Date Below:

April 13, 2011
Date

Chiharu Shimizu
Name: Chiharu SHIMIZU