

PATENT ASSIGNMENT

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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>Yuhei MATSUSHIMA</td> <td>03/30/2012</td> </tr> <tr> <td>Keitaro EZUMI</td> <td>07/16/2012</td> </tr> <tr> <td>Tomokuni KUSUNOKI</td> <td>07/16/2012</td> </tr> <tr> <td>Atsushi INOUE</td> <td>07/19/2012</td> </tr> <tr> <td>Hiroki MORIMOTO</td> <td>07/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yuhei MATSUSHIMA	03/30/2012	Keitaro EZUMI	07/16/2012	Tomokuni KUSUNOKI	07/16/2012	Atsushi INOUE	07/19/2012	Hiroki MORIMOTO	07/19/2012
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number:	2022937860												
Phone:	202-293-7060												
Email:	sughrue@sughrue.com, bgalvez@sughrue.com												
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.													

OP \$40.00 13612016

Correspondent Name:	SUGHRUE MION, PLLC
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Address Line 2:	SUITE 800
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20037

ATTORNEY DOCKET NUMBER:	Q142316
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NAME OF SUBMITTER:	Byron F. Galvez, New Apps Spec
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Total Attachments: 2 source=Q142316 _ASSIGNMENT_AS_FILED#page1.tif source=Q142316 _ASSIGNMENT_AS_FILED#page2.tif
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Assignment

Whereas, I/We,

Yuhei MATSUSHIMA of

c/o Mitsubishi Electric Corporation

7-3, Marunouchi 2-Chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

and Keitaro EZUMI, Tomokuni KUSUNOKI, Atsushi INOUE

and Hiroki MORIMOTO of

c/o MAZDA MOTOR CORPORATION

3-1 Shinchii, Fuchu-cho, Aki-gun, Hiroshima 730-8670 JAPAN

of hereinafter called assignor(s), have invented certain improvements in

KNOCK CONTROL APPARATUS FOR INTERNAL COMBUSTION ENGINE

and executed an application for Letters Patent of the United States of America therefor on

; and Whereas,

Mitsubishi Electric Corporation

7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

MAZDA MOTOR CORPORATION

3-1 Shinchii, Fuchu-cho, Aki-gun, Hiroshima 730-8670 JAPAN

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 13/612,016 and Confirmation number 3372, filed September 12, 2012) the filing date and application number of said application when known.

Date:

March, 30, 2012

Yuhei Matsushima

s/ Yuhei MATSUSHIMA

Date:

July 18, 2012
Keitaro Ezumi

Keitaro Ezumi

s/ Keitaro EZUMI

Date: July 16, 2012 Tomokuni Kusunoki
s/ Tomokuni KUSUNOKI

Date: July 19, 2012 Atsushi Inoue
s/ Atsushi INOUE

Date: July 19, 2012 Hiroki Morimoto
s/ Hiroki MORIMOTO

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)