

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>Koichi HOSHI</td> <td>02/15/2012</td> </tr> <tr> <td>Takashi WATANABE</td> <td>02/17/2012</td> </tr> <tr> <td>Yoshihisa SHINODA</td> <td>02/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Koichi HOSHI	02/15/2012	Takashi WATANABE	02/17/2012	Yoshihisa SHINODA	02/15/2012
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Koichi HOSHI	02/15/2012								
Takashi WATANABE	02/17/2012								
Yoshihisa SHINODA	02/15/2012								
RECEIVING PARTY DATA									
Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA								
Street Address:	1, Toyota-cho								
City:	Toyota-shi, Aichi								
State/Country:	JAPAN								
Postal Code:	471-8571								
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>13498494</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13498494				
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Application Number:	13498494								
CORRESPONDENCE DATA									
Fax Number:	(202)293-7860								
Phone:	2022937060								
Email:	aauerbach@sughrue.com, sughrue@sughrue.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Sughrue Mion PLLC								
Address Line 1:	2100 Pennsylvania Ave NW								
Address Line 2:	Suite 800								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20037								
ATTORNEY DOCKET NUMBER:	Q129629								
NAME OF SUBMITTER:	Alexander E. Auerbach, New App. Spec.								
Total Attachments: 1 source=ASSIGNMENT#page1.tif									

OP \$40.00 13498494

Assignment

Whereas, We, Koichi HOSHI of Susono-shi, Shizuoka-ken, Japan, Takashi WATANABE of Gotemba-shi, Shizuoka-ken, Japan, and Yoshihisa SHINODA of Susono-shi, Shizuoka-ken, Japan hereinafter called assignor(s), have invented certain improvements in CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, TOYOTA JIDOSHA KABUSHIKI KAISHA
1, Toyota-cho, Toyota-shi, Aichi 471-8571, 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 of the 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 13/498,494 and Confirmation number 8147, filed March 27, 2012) the application number and filing date of said application when known.

Date: 15/2/2012 Koichi Hoshi
s/ Koichi HOSHI

Date: 17/2/2012 Takashi Watanabe
s/ Takashi WATANABE

Date: 15/2/2012 Yoshihisa Shinoda
s/ Yoshihisa SHINODA

Date: _____
s/

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