

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Yoshihisa SHINODA	04/13/2011
<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13126107
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	Byron F. Galvez, New Apps. Specialist
<b>Total Attachments: 1</b> source=ASSIGNMENT_AS_FILED#page1.tif	

OP \$40.00 13126107

## Assignment

Whereas, We, Yoshihisa SHINODA of Susono-shi, Shizuoka-ken, Japan , hereinafter called assignors, have invented certain improvements in CONTROL APPARATUS 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-ken 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,

We, the above named assignors, 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 all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and 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 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.

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 13/126,107 and Confirmation number 1591, filed April 26, 2011 ) the application number and filing date of said application when known.

Date: 04/13/2011 Yoshihisa Shinoda  
s/Yoshihisa SHINODA

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

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