

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>Hideharu NOHARA</td><td>04/01/2008</td></tr><tr><td>Koki MINAMIKAWA</td><td>04/01/2008</td></tr></tbody></table>	Name	Execution Date	Hideharu NOHARA	04/01/2008	Koki MINAMIKAWA	04/01/2008	
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Hideharu NOHARA	04/01/2008						
Koki MINAMIKAWA	04/01/2008						
RECEIVING PARTY DATA							
Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA						
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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>11970115</td></tr></tbody></table>	Property Type	Number	Application Number:	11970115			
Property Type	Number						
Application Number:	11970115						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	William H. Mandir						
Total Attachments: 1 source=Q105504Assignment#page1.tif							

CH \$40.00 11970115

Assignment

Whereas, I/We, Hideharu NOHARA of Okazaki-shi, Aichi-ken, Japan and Koki MINAMIKAWA of Toyota-shi, Aichi-ken, Japan hereinafter called assignor(s), have invented certain improvements in

POWERTRAIN CONTROL APPARATUS AND METHOD and executed an application for Letters Patent of the United States of America therefor on _____; and whereas, TOYOTA JIDOSHA KABUSHIKI KAISHA (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 11/970,115 and Confirmation number _____, filed January 7, 2008) the application number and filing date of said application when known.

Date: April 1, 2008 Hideharu Nohara
s/ Hideharu NOHARA

Date: April 1, 2008 Koki Minamikawa
s/ Koki MINAMIKAWA

Date: _____
s/

Date: _____
s/

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