

PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Zenichiro MASHIKI	09/16/2008
Yasumichi INOUE	09/16/2008
Noboru TAKAGI	09/16/2008
Yoshihito MORIYA	09/16/2008
Haruyuki URUSHIHATA	09/16/2008

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA
Street Address:	1, Toyota-cho
City:	Toyota-shi, Aichi-ken
State/Country:	JAPAN
Postal Code:	471-8571

Name:	DENSO CORPORATION
Street Address:	1-1, Showa-cho
City:	Kariya-shi, Aichi-ken
State/Country:	JAPAN
Postal Code:	448-8661

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12295148

CORRESPONDENCE DATA

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PATENT

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NAME OF SUBMITTER:	William H. Mandir
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Assignment

Whereas, I/We, (1) Zenichiro MASHIKI, (2) Yasumichi INOUE, (3) Noboru TAKAGI, (4) Yoshihito MORIYA and (5) Haruyuki URUSHIHATA of (1) Nisshin-shi, Aichi-ken, Japan, (2) and (3) Toyota-shi, Aichi-ken, Japan, (4) Nagoya-shi, Aichi-ken, Japan and (5) Chiryu-shi, Aichi-ken, Japan, respectively hereinafter called assignor(s), have invented certain improvements in Variable Valve Timing Apparatus and Method of Detecting Valve Phase Thereof and executed an application for Letters Patent of the United States of America therefor on September 16, 2008 and

Whereas, (1) TOYOTA JIDOSHA KABUSHIKI KAISHA
of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan
(2) DENSO CORPORATION
of 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661 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 _____ and Confirmation number _____, filed _____) the application number and filing date of said application when known.

Date: September 16, 2008

Zenichiro Mashiki
s/ Zenichiro MASHIKI

Date: September 16, 2008

Yasumichi Inoue
s/ Yasumichi INOUE

Date: September 16, 2008

Noboru Takagi
s/ Noboru TAKAGI

Date: September 16, 2008

Yoshihito Moriya
s/ Yoshihito MORIYA

Date: September 16, 2008

Haruyuki Urushihata
s/ Haruyuki URUSHIHATA

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