

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Tsutomu MIYAZAKI	12/16/2008
Akihiro KAMIYA	12/16/2008
Naoto MIYAUCHI	12/16/2008

**RECEIVING PARTY DATA**

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

Name:	AISAN KOGYO KABUSHIKI KAISHA
Street Address:	1-1, Kyowa-cho 1-chome
City:	Obu-shi, Aichi
State/Country:	JAPAN
Postal Code:	474-8588

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12304682

**CORRESPONDENCE DATA**

Fax Number: (202)293-7860  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 202-293-7060  
 Email: rakadje@sughrue.com  
 Correspondent Name: SUGHRUE MION, PLLC  
 Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.  
 Address Line 2: SUITE 800

CH \$40.00 12304682

**500828499**

**PATENT  
 REEL: 022513 FRAME: 0491**

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037-3213

ATTORNEY DOCKET NUMBER:

Q111400

NAME OF SUBMITTER:

John M. Bird

Total Attachments: 1

source=EXECUTED\_ASSIGNMENT#page1.tif

## Assignment

Whereas, I/We, Tsutomu MIYAZAKI, Akihiro KAMIYA and Naoto MIYAUCHI, hereinafter called assignor(s), have invented certain improvements in DEVICE FOR CONTROLLING HEATING OF A THROTTLE VALVE OF AN 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

AISAN KOGYO KABUSHIKI KAISHA  
1-1, Kyowa-cho 1-chome, Obu-shi, Aichi 474-8588 Japan

(assignees), 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 12304682 and Confirmation number 7585, filed December 12, 2008) the application number and filing date of said application when known.

Date: December 16, 2008

Tsutomu Miyazaki  
s/ Tsutomu MIYAZAKI

Date: December 16, 2008

Akihiro Kamiya  
s/ Akihiro KAMIYA

Date: December 16, 2008

Naoto Miyouchi  
s/ Naoto MIYAUCHI

Date: ~~Naoto Miyouchi~~ N.M December 16, 2008  
s/

Date: \_\_\_\_\_  
s/

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