

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Shinji OITA</td> <td>12/07/2012</td> </tr> <tr> <td>Masaru MORISE</td> <td>12/07/2012</td> </tr> <tr> <td>Satoru KASUYA</td> <td>12/07/2012</td> </tr> <tr> <td>Nobukazu IKE</td> <td>12/07/2012</td> </tr> <tr> <td>Hiroshi KATOU</td> <td>12/07/2012</td> </tr> <tr> <td>Toru SOUDA</td> <td>12/07/2012</td> </tr> <tr> <td>Masahiro OTAKE</td> <td>12/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Shinji OITA	12/07/2012	Masaru MORISE	12/07/2012	Satoru KASUYA	12/07/2012	Nobukazu IKE	12/07/2012	Hiroshi KATOU	12/07/2012	Toru SOUDA	12/07/2012	Masahiro OTAKE	12/07/2012
Name	Execution Date																
Shinji OITA	12/07/2012																
Masaru MORISE	12/07/2012																
Satoru KASUYA	12/07/2012																
Nobukazu IKE	12/07/2012																
Hiroshi KATOU	12/07/2012																
Toru SOUDA	12/07/2012																
Masahiro OTAKE	12/07/2012																
RECEIVING PARTY DATA																	
<table border="1"> <tr> <td>Name:</td> <td>TOYOTA JIDOSHA KABUSHIKI KAISHA</td> </tr> <tr> <td>Street Address:</td> <td>1, Toyota-cho</td> </tr> <tr> <td>City:</td> <td>Toyota-shi, Aichi-ken</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>471-8571</td> </tr> </table>		Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	Street Address:	1, Toyota-cho	City:	Toyota-shi, Aichi-ken	State/Country:	JAPAN	Postal Code:	471-8571						
Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA																
Street Address:	1, Toyota-cho																
City:	Toyota-shi, Aichi-ken																
State/Country:	JAPAN																
Postal Code:	471-8571																
<table border="1"> <tr> <td>Name:</td> <td>AISIN AW CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>10, Takane, Fujii-cho</td> </tr> <tr> <td>City:</td> <td>Anjo-shi, Aichi-ken</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>444-1192</td> </tr> </table>		Name:	AISIN AW CO., LTD.	Street Address:	10, Takane, Fujii-cho	City:	Anjo-shi, Aichi-ken	State/Country:	JAPAN	Postal Code:	444-1192						
Name:	AISIN AW CO., LTD.																
Street Address:	10, Takane, Fujii-cho																
City:	Anjo-shi, Aichi-ken																
State/Country:	JAPAN																
Postal Code:	444-1192																
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>13740560</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13740560												
Property Type	Number																
Application Number:	13740560																
CORRESPONDENCE DATA																	
Fax Number:	2022937860																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	202-293-7060																

OP \$40.00 13740560

Email: sughrue@sughrue.com  
Correspondent Name: SUGHRUE MION, PLLC  
Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.  
Address Line 2: SUITE 800  
Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037

ATTORNEY DOCKET NUMBER:

Q143457

NAME OF SUBMITTER:

Gudrun Harmon asst. to William H. Mandir

Total Attachments: 2

source=Q143457\_Assignment#page1.tif

source=Q143457\_Assignment#page2.tif

## Assignment

Whereas, I/we, Shinji OITA, Masaru MORISE, Satoru KASUYA, Nobukazu IKE, Hiroshi KATOU, Toru SOUDA and Masahiro OTAKE of Toyota-shi, Aichi-ken, Japan, Nukata-gun, Aichi-ken, Japan, Nishio-shi, Aichi-ken, Japan, Kariya-shi, Aichi-ken, Japan, Kariya-shi, Aichi-ken, Japan, Okazaki-shi, Aichi-ken, Japan and Nishio-shi, Aichi-ken, Japan respectively, hereinafter called assignor(s), have invented certain improvements in

VEHICULAR AUTOMATIC TRANSMISSION

---

and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan and AISIN AW CO., LTD. of 10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-1192, Japan (assignees), desire 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 assignees, 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, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, 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 assignees, its successors and assigns; and I/we hereby agree that the assignees may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignees in connection with the United States and foreign applications when called upon to do so by the assignees.

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: December 7, 2012 Shinji Oita  
s/ Shinji OITA

Date: December 7, 2012 Masaru Morise  
s/ Masaru MORISE

Date: December 7, 2012 Satoru Kasuya  
s/ Satoru KASUYA

Date: December 7, 2012 *Nobukazu Ike*  
s/ Nobukazu IKE

Date: December 7, 2012 *Hiroshi Kato*  
s/ Hiroshi KATOU T.S

Date: December 7, 2012 *Toru Souda*  
~~Souda~~ Toru 2012.12.7  
s/ Toru SOUDA

Date: December 7, 2012 *Masahiro Otake*  
s/ Masahiro OTAKE

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