

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the Second Assignee's Address previously recorded on Reel 024304 Frame 0437. Assignor(s) hereby confirms the Toyota Jidosha Kabushiki Kaisha 1, Toyotacho Toyota-shi, Aichi, Japan 4718571.

**CONVEYING PARTY DATA**

Name	Execution Date
Yoji Inui	03/15/2010
Mitsuyoshi Saiki	03/13/2010
Keiichi Nakamura	03/15/2010

**RECEIVING PARTY DATA**

<b>Name:</b>	Aisin Seiki Kabushiki Kaisha
<b>Street Address:</b>	1, Asahi-Machi 2-chome
<b>City:</b>	Kariya-shi, Aichi
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	4488650

<b>Name:</b>	Toyota Jidosha Kabushiki Kaisha
<b>Street Address:</b>	1, Toyotacho
<b>City:</b>	Toyota-shi, Aichi
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	4718571

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	12727910

**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: jrosenberg@sughrue.com  
 Correspondent Name: Steve Gruskin

OP \$40.00 12727910

Address Line 1: 2100 Pennsylvania Avenue, NW  
Address Line 4: Washington, DISTRICT OF COLUMBIA 20037

ATTORNEY DOCKET NUMBER:

Q118056 - JLR

NAME OF SUBMITTER:

Jody L. Rosenberg

**Total Attachments: 8**

source=q118056#page1.tif  
source=q118056#page2.tif  
source=q118056#page3.tif  
source=q118056#page4.tif  
source=q118056#page5.tif  
source=q118056#page6.tif  
source=q118056#page7.tif  
source=q118056#page8.tif

PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

04/12/2010  
 501161202

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yoji INUI	03/15/2010
Mitsuyoshi SAIKI	03/15/2010
Keiichi NAKAMURA	03/15/2010

RECEIVING PARTY DATA

Name:	AISIN SEIKI KABUSHIKI KAISHA
Street Address:	1, Asahi-machi 2-chome
City:	Kariya-shi, Aichi
State/Country:	JAPAN
Postal Code:	4488650

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA
Street Address:	Toyotacho
City:	Toyota-shi, Aichi
State/Country:	JAPAN
Postal Code:	4718571

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12727910

CORRESPONDENCE DATA

Fax Number: (202)293-7860  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Email: ywilliams@sughrue.com  
 Correspondent Name: Sughrue Mion, PLLC  
 Address Line 1: 2100 Pennsylvania Ave.  
 Address Line 2: NW

CH \$40.00 12727910

SUGHRUE MION, PLLC COMPANY:2100 PENNSYLVANIA AVE.

Address Line 4: Washington, DISTRICT OF COLUMBIA 20037	
ATTORNEY DOCKET NUMBER:	Q118056
NAME OF SUBMITTER:	Steven M. Gruskin
Total Attachments: 4 source=Assignment_Executed_04-09-2010#page1.tif source=Assignment_Executed_04-09-2010#page2.tif source=Assignment_Executed_2_04-09-2010#page1.tif source=Assignment_Executed_2_04-09-2010#page2.tif	

Attorney Docket No.:

### Assignment

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto AISIN SEIKI KABUSHIKI KAISHA and TOYOTA JIDOSHA KABUSHIKI KAISHA with offices at 1, Asahi-machi 2-chome, Kariya-shi, Aichi 4488650, Japan, 1 and Toyotacho, Toyota-shi, Aichi, 4718571 Japan (hereinafter ASSIGNEE), effective on the date indicated next to my name, all right, title and interest in and to his invention relating to

#### *CALIBRATING APPARATUS FOR ON-BOARD CAMERA OF VEHICLE*

as set forth in his United States Patent Application

executed concurrently herewith

executed \_\_\_\_\_

Serial No. \_\_\_\_\_ Filed \_\_\_\_\_

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all divisions, continuations, additions, extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; to be held and enjoyed by said ASSIGNEE, their successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, their successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, their successors, legal representatives or assigns he will communicate to said ASSIGNEE, their successors, legal representatives or assigns all information known to them relating to said invention or patent application and that they will execute and deliver any papers, make all rightful oaths, testify in any legal

W 3605

Worldwide Rights — Sole or Joint

Attorney Docket No.:

proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, their successors, legal representatives or assigns to perfect title to said invention, to said application including divisions, continuations, reissues, extensions, additions and renewals thereof and to any and all Letters Patent which may be granted therefor or thereon, in said ASSIGNEE, their successors, or assigns or to assist said ASSIGNEE, their successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent for said invention;

Each of the undersigned hereby grants to the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Names and Signatures of Inventors:

Signature: Yoji Inui March 15, 2010  
Yoji INUI Date of this Assignment

Signature: Mitsuyoshi Saiki March 15, 2010  
Mitsuyoshi SAIKI Date of this Assignment

Signature: \_\_\_\_\_  
Keiichi NAKAMURA Date of this Assignment

Attorney Docket No.:

## Assignment

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto AISIN SEIKI KABUSHIKI KAISHA and TOYOTA JIDOSHA KABUSHIKI KAISHA with offices at 1, Asahi-machi 2-chome, Kariya-shi, Aichi 4488650, Japan, 1 and Toyotacho, Toyota-shi, Aichi, 4718571 Japan (hereinafter ASSIGNEE), effective on the date indicated next to my name, all right, title and interest in and to his invention relating to

### *CALIBRATING APPARATUS FOR ON-BOARD CAMERA OF VEHICLE*

as set forth in his United States Patent Application

executed concurrently herewith

executed \_\_\_\_\_

Serial No. \_\_\_\_\_ Filed \_\_\_\_\_

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all divisions, continuations, additions, extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; to be held and enjoyed by said ASSIGNEE, their successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, their successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, their successors, legal representatives or assigns he will communicate to said ASSIGNEE, their successors, legal representatives or assigns all information known to them relating to said invention or patent application and that they will execute and deliver any papers, make all rightful oaths, testify in any legal

Attorney Docket No.:

proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, their successors, legal representatives or assigns to perfect title to said invention, to said application including divisions, continuations, reissues, extensions, additions and renewals thereof and to any and all Letters Patent which may be granted therefor or thereon, in said ASSIGNEE, their successors, or assigns or to assist said ASSIGNEE, their successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent for said invention;

Each of the undersigned hereby grants to the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Names and Signatures of Inventors:

Signature: _____	_____
<b>Yoji INUI</b>	<b>Date of this Assignment</b>

Signature: _____	_____
<b>Mitsuyoshi SAIKI</b>	<b>Date of this Assignment</b>

Signature: <u>Keiichi Nakamura</u>	March 15, 2010
<b>Keiichi NAKAMURA</b>	<b>Date of this Assignment</b>