

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Satohiko Nakano	12/27/2007
Mutsuro Aoyama	12/27/2007
Akira Enomoto	01/07/2008
Minoru Izawa	01/08/2008

## RECEIVING PARTY DATA

Name:	Aisin Seiki Kabushiki Kaisha
Street Address:	1, Asahi-machi 2-chome
City:	Kariya-shi, Aichi-ken
State/Country:	JAPAN
Postal Code:	448-8650

Name:	Toyota Jidosha Kabushiki Kaisha
Street Address:	1, Toyota-cho
City:	Toyota-shi, Aichi-ken
State/Country:	JAPAN
Postal Code:	471-8571

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11930496

## CORRESPONDENCE DATA

Fax Number: (703)836-7419  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 7038366620  
Email: robin.patterson@bipc.com  
Correspondent Name: Buchanan Ingersoll & Rooney PC  
Address Line 1: P.O. Box 1404

PATENT

REEL: 020459 FRAME: 0064

500455309

CH \$40.00 11930496

Address Line 4: Alexandria, VIRGINIA 22313-1404

ATTORNEY DOCKET NUMBER:

1033228-000161

NAME OF SUBMITTER:

Matthew L. Schneider

Total Attachments: 4

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# ASSIGNMENT

## (JOINT)

THIS ASSIGNMENT, by (1) Satohiko NAKANO, (2) Mutsuro AOYAMA, (3) Akira ENOMOTO and (4) Minoru IZAWA, residing at (1) Chiryu-shi, Aichi-ken, Japan (2) Nagoya-shi, Aichi-ken, Japan, (3) Nagoya-shi, Aichi-ken, Japan and (4) Okazaki-shi, Aichi-ken, Japan (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in METHOD FOR ADJUSTING SENSITIVITY OF LOAD DETECTING DEVICE OF SEAT FOR A VEHICLE set forth in an application for Letters Patent of the United States, which is a

- (1) ☐ provisional application
  - (a) ☐ bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_;
  - (b) ☐ to be filed herewith; or
- (2) ☒ non-provisional application
  - (a) ☒ bearing Application No. 11/930,496, and filed on October 31, 2007;
  - (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
  - (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, AISIN SEIKI KABUSHIKI KAISHA and TOYOTA JIDOSHA KABUSHIKI KAISHA, corporations duly organized under and pursuant to the laws of Japan and Japan and having principal places of business at 1, Asahi-machi 2-chome, Kariya-shi, Aichi-ken, 448-8650 Japan, and 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan, respectively (hereinafter referred to as "the Assignees"), are desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignees, their successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignees, for its own use and behoof and the use and behoof of their successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

Application No. \_\_\_\_\_

Attorney Docket No. \_\_\_\_\_

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignees, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignees, their successors, legal representatives, and assigns, but at the cost and expense of the Assignees, their successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignees as the Assignees of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignees, their successors, legal representatives, and assigns.

DATE December 27, 2007

Satohiko Nakano  
Satohiko NAKANO

DATE December 27, 2007

Mutsuro Aoyama  
Mutsuro AOYAMA

DATE January 7, 2008

Akira Enomoto  
Akira ENOMOTO

DATE \_\_\_\_\_

\_\_\_\_\_  
Minoru IZAWA

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

**PATENT**

**REEL: 020459 FRAME: 0067**

# ASSIGNMENT

## (JOINT)

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WHEREAS, the Assignors have invented certain new and useful improvements in METHOD FOR ADJUSTING SENSITIVITY OF LOAD DETECTING DEVICE OF SEAT FOR A VEHICLE set forth in an application for Letters Patent of the United States, which is a

- (1) ☐ provisional application
  - (a) ☐ bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_;
  - (b) ☐ to be filed herewith; or
- (2) ☒ non-provisional application
  - (a) ☒ bearing Application No. 11/930,496, and filed on October 31, 2007;
  - (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
  - (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, AISIN SEIKI KABUSHIKI KAISHA and TOYOTA JIDOSHA KABUSHIKI KAISHA, corporations duly organized under and pursuant to the laws of Japan and Japan and having principal places of business at 1, Asahi-machi 2-chome, Kariya-shi, Aichi-ken, 448-8650 Japan, and 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan, respectively (hereinafter referred to as "the Assignees"), are desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignees, their successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignees, for its own use and behoof and the use and behoof of their successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

Application No. \_\_\_\_\_

Attorney Docket No. \_\_\_\_\_

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignees, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignees, their successors, legal representatives, and assigns, but at the cost and expense of the Assignees, their successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignees as the Assignees of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignees, their successors, legal representatives, and assigns.

DATE \_\_\_\_\_

\_\_\_\_\_  
Satohiko NAKANO

DATE \_\_\_\_\_

\_\_\_\_\_  
Mutsuro AOYAMA

DATE \_\_\_\_\_

\_\_\_\_\_  
Akira ENOMOTO

DATE January 8, 2008

Minoru Izawa  
\_\_\_\_\_  
Minoru IZAWA

DATE \_\_\_\_\_

DATE \_\_\_\_\_

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**PATENT**