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B/O FORM PTO-1595 (Rev. 4/00)

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01-28-2008

U.S. Department of Commerce  
Patent and Trademark Office



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ereof.

To the Commissioner for Patents. Please record

1. Name of Conveying Party(ies):

Yumi SHIBATA  
Takayuki MIYAJIMA  
Fumiharu OGAWA

Additional names of conveying parties attached.

2. Name and Address of Receiving Party(ies):

Name: AISIN AW CO., LTD.

Internal  
Address:

Street Address: 10 Takane, Fujii-cho

City, State, Zip: Anjo-shi, Aichi, Japan 444-1192

Additional name(s) and address(es) attached.

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other:

Execution Date: January 17, 2008

4. (A) Patent Application Number(s):

4. (B) Patent Number(s):

If this document is being filed together with a new application, the execution date of the application is: January 17, 2008

Additional Numbers Attached

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name:

Address:

23364  
Customer Number  
Phone: (703) 683-0500

Total Number of Applications and Patents Involved:

1

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(37 CFR 3.41)

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9. Statement and Signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

George A. Loud, Reg. No. 25,814

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 3

01/18/2008 MAHMEI 06000012 12007916

04 FC:8021

40.00 OP

UTILITY - US ONLY - WITNESS

# ASSIGNMENT

WHEREAS, I (we), Yumi SHIBATA; Takayuki MIYAJIMA; and Pumiharu OGAWA whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in SWITCH CONTROL DEVICE AND SWITCH CONTROL METHOD

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

- executed on even date herewith
- executed on:
- filed on: Serial No.:
- established by PCT International Patent Application No.: filed: designating the United States of America

WHEREAS, AISIN AW CO., LTD. whose post office address is 10 Takane, Fujit-cho, Anjo-shi, Aichi 444-1192, Japan hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNOR'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted; as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

|                                    |   |
|------------------------------------|---|
| Assignor Name<br>Yumi SHIBATA      | Address<br>c/o AISIN AW CO., LTD., 6-18 Harayama, Oka-cho, Okazaki-shi, Aichi 444-8564, Japan |
| Where Signed<br>Anjo, Aichi, Japan | Signature<br>YUMI SHIBATA   |
| Date<br>January 17, 2008           | Witness (optional)  |
| Witness (optional)                 | Witness (optional)  |
| Print/Type Name                    | Print/Type Name   |
| Signature                          | Signature   |

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# ASSIGNMENT

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|  |   |
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| <i>Assignor Name</i><br>Takayuki MIYAJIMA    | <i>Address</i><br>c/o AISIN AW CO., LTD., 6-18 Harayama, Oka-cho,<br>Okazaki-shi, Aichi 444-8564, Japan |
| <i>Where Signed</i><br>Okazaki, Aichi, Japan |   |
| <i>Date</i><br>January 17, 2008              | <i>Signature</i><br>Takayuki Miyajima   |
| <i>Witness (optional)</i>                    | <i>Witness (optional)</i>   |
| <i>Print/Type Name</i>                       | <i>Print/Type Name</i>  |
| <i>Signature</i>                             | <i>Signature</i>  |

|  |   |
|--|---|
| <i>Assignor Name</i><br>Fumiharu OOAWA       | <i>Address</i><br>c/o AISIN AW CO., LTD., 6-18 Harayama, Oka-cho,<br>Okazaki-shi, Aichi 444-8564, Japan |
| <i>Where Signed</i><br>Okazaki, Aichi, Japan |   |
| <i>Date</i><br>January 17, 2008              | <i>Signature</i><br>Fumiharu Ogawa  |
| <i>Witness (optional)</i>                    | <i>Witness (optional)</i>   |
| <i>Print/Type Name</i>                       | <i>Print/Type Name</i>  |
| <i>Signature</i>                             | <i>Signature</i>  |

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| <i>Assignor Name</i>      | <i>Address</i>            |
| <i>Where Signed</i>       |                           |
| <i>Date</i>               | <i>Signature</i>          |
| <i>Witness (optional)</i> | <i>Witness (optional)</i> |
| <i>Print/Type Name</i>    | <i>Print/Type Name</i>    |
| <i>Signature</i>          | <i>Signature</i>          |

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