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To the Director of the U.S. Patent and Trademark Office. If you are enclosing documents the new address(es) below.

**1. Name of conveying party(ies):**  
 Yuki IWAGAMI  
 Tetsushi WATANABE  
 Junya TANAKA  
 Manabu YAMASHITA  
 Koji HASHIMOTO

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies):**  
 MITSUBISHI ELECTRIC CORPORATION  
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113000 U.S. PTO  
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**3. Nature of conveyance/Execution Date(s):**

Execution Date(s): February 08, 2007, February 09, 2007,  
 February 07, 2007, February 06, 2007, and  
 February 09, 2007, respectively

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other

Additional name(s) & address(es) attached?  Yes  No

**4. Application number(s) or patent number(s):**

A. Patent Application No.(s)  
 B. Patent No.(s)

Additional numbers attached?  Yes  No

This document is being filed together with a new application

**5. Name and address of party to whom correspondence concerning document should be mailed:**

SUGHRUE MION, PLLC  
 WASHINGTON OFFICE  
 23373  
 CUSTOMER NUMBER

**6. Total number of applications and patents involved:**  
 1

**7. Total fee (37 CFR 1.21(h) & 3.41):** \$40.00  
 Authorized to be charged by credit card  
 Authorized to be charged to Deposit Account No. 19-4880.  
 Enclosed.  
 None required (government interest not affecting title)

**8. Deposit Account Number:**  
 (Attach duplicate copy of this page if paying by deposit account)

**9. Signature:**

/Richard Turner/ March 7, 2007  
 Richard C. Turner Reg. No. 29,710 Date

Total number of pages including cover sheet, attachments, and documents: 2  
 Mail documents to be recorded with required cover sheet information to:  
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# Assignment

Whereas, I/We,

**Yuki IWAGAMI, Tetsushi WATANABE and Junya TANAKA**  
c/o Mitsubishi Electric Corporation  
7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

**Manabu YAMASHITA and Koji HASHIMOTO**  
c/o Mitsubishi Electric Engineering Company Limited  
1-13-5, KUDANKITA, CHIYODA-KU, TOKYO 102-0073, JAPAN

of hereinafter called assignor(s), have invented certain improvements in

## ON-VEHICLE ELECTRONIC CONTROL DEVICE

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

; and Whereas,

**Mitsubishi Electric Corporation**  
7-3, Marunouchi 2-chome, Chiyoda-ku,  
TOKYO 100-8310 JAPAN

(assignee), 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 – 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 \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: Feb 8, 2007 Yuki Iwagami  
s/ **Yuki IWAGAMI**

Date: Feb 9, 2007 Tetsushi Watanabe  
s/ **Tetsushi WATANABE**

Date: Feb 7, 2007 Junya Tanaka  
s/ **Junya TANAKA**

Date: Feb 6, 2007 Manabu Yamashita  
s/ **Manabu YAMASHITA**

Date: Feb. 9, 2007 Koji Hashimoto  
s/ **Koji HASHIMOTO**

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