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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Kohji HASHIMOTO  
Katsuya NAKAMOTO  
Tetsushi WATANABE  
Manabu YAMASHITA

04/16/02

## 2. Name and address of receiving party(ies):

mitsubishi denki kabushiki kaisha  
2-3, Marunouchi 2-chome, Chiyoda-ku  
TOKYO 100-8310 JAPAN

JC978 U.S. PTO  
10/122196  
04/16/02

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

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: March 28, March 28, March 29, March  
29, March 29, 2002

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

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

If this document is being filed together with a new application, the execution date of the application is: March 28, 28, 29, and  
29, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed. Please charge any underpayment in connection  
with this Assignment to Deposit Account No. 19-4880.  
☐ Authorized to be charged to deposit account

## 8. Deposit account number:

19-4880

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the  
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Robert J. Seas, Jr.

Reg. No. 21,092

April 16, 2002

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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Box Assignment

Washington, D.C. 20231

04/23/2002 TDI A21 00000052 10122196

01 FC:581

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PATENT  
REEL: 012803 FRAME: 0221

# Assignment

Whereas, I/We, **Kohji HASHIMOTO**

**MITSUBISHI ELECTRIC ENGINEERING KABUSHIKI KAISHA**

**6-2, Otemachi 2-chome, Chiyoda-ku, TOKYO 100-0004 JAPAN**

**Katsuya NAKAMOTO**

**MITSUBISHI DENKI KABUSHIKI KAISHA**

**2-3, Marunouchi 2-Chome, Chiyoda-ku, TOKYO 100-8310 JAPAN**

**Tetsushi WATANABE**

**MITSUBISHI DENKI KABUSHIKI KAISHA**

**2-3, Marunouchi 2-Chome, Chiyoda-ku, TOKYO 100-8310 JAPAN**

**Manabu YAMASHITA**

**MITSUBISHI ELECTRIC ENGINEERING KABUSHIKI KAISHA**

**6-2, Otemachi 2-chome, Chiyoda-ku, TOKYO 100-0004 JAPAN**

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 DENKI KABUSHIKI KAISHA**

**2-3, 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: March 28, 2002 Kohji, Hashimoto

s/ **Kohji HASHIMOTO**

Date: March 28, 2002 Katsuya Nakamoto

March 29, 2002 **Katsuya NAKAMOTO**

Date: March 29, 2002 Tetsushi Watanabe

T.W. March 29, 2002 **Tetsushi WATANABE**

Date: March 29, 2002 Manabu Yamashita

s/ **Manabu YAMASHITA**

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