

05-2808

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HDP Docket No. 4041J-001439  
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Documents or the new address(es) below.

103506040

To the Director of the U.S. Patents and

1. Name of conveying parties & Exec

Toshiki Matsumoto May 12, 2008

Mamoru Sawada March 31, 2008

Takehito Fujii March 31, 2008

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: DENSO CORPORATION

Address: 1-1, Showa-cho

Kariya-city, Aichi-pref.

Japan 448-8661

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

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

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/080,438

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: H. Keith Miller, Esq.

Internal Address: Harness, Dickey & Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills

State: MI Zip: 48303

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Fax Number: 248-641-0270

Email Address:

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  
☒ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 08-0750

Authorized User Name H. Keith Miller, Esq.  
05/30/2008 MJAMA1 00000015 12080438

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May 27, 2008

40.00 0P

9. Signature:

Signature

H. Keith Miller, Esq., Reg. No. 22,484

Date

Total number of pages including cover sheet, attachments, and documents

2

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

EM 184 987 901 US

PATENT  
REEL: 021042 FRAME: 0678

## ASSIGNMENT BY INVENTORS

Sole or Joint

WHEREAS, the undersigned, hereinafter referred to as Assignor(s), have invented

### VEHICLE CONTROL SYSTEM

for which the undersigned executed an application for Letters Patent of the United States of America:

- (A)   X   even date herewith  
(B)        on                       
(C)   X   in U.S. Appln. No. 12/080,438 filed April 2, 2008

AND WHEREAS,

**DENSO CORPORATION, 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan**

hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignors by these presents do sell, assign and transfer unto Assignee, its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention as described in the specification executed by Assignors of even date preparatory to filing a United States application for patent therefor, said invention and all United States applications for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignors had this assignment and sale not been made; and Assignors hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of United States application for patent and all foreign countries on, for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor for the benefit of Assignee without further or other compensation than that above set forth; and Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee(s).

Toshiki Matsumoto  
Inventor 1: **Toshiki Matsumoto**

May 12, 2008  
Date

Daiji Watanabe  
Witness

Mamoru Sawada  
Inventor 2: **Mamoru Sawada**

March 31, 2008  
Date

Masahiro Goto  
Witness

Takehito Fujii  
Inventor 3: **Takehito Fujii**

March 31, 2008  
Date

Daiji Watanabe  
Witness