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(1) Tadatoshi ASADA  
(2) Susumu UEDA

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) (1)-(2): AUGUST 3, 2006

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

**2. Name and address of receiving party(ies)**

Name: DENSO CORPORATION

Internal Address: \_\_\_\_\_

Street Address: 1-1, SHOWA-CHO

City: KARIYA-CITY

State: AICHI-PREF.

Country: JAPAN Zip: 448-8661

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

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

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

A. Patent Application No.(s)

B. Patent No.(s)

09/01/2006 HDEMESS1 00000043 11513218

01 FC:8021

40.00 OP

Additional numbers attached? ☐ Yes ☐ No

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

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

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40**

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

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**9. Signature:**

Signature

AUGUST 31, 2006

Date

DAVID G. POSZ (REG. NO. 37,701)

Name of Person Signing

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

2

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## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby sell(s), assign(s) and transfer(s) to

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

as Assignee, and its successors, assigns or other legal representatives, the entire right, title and interest, in the United States of America and its territories, dependencies and possessions, to certain inventions known as

### **SIGNAL DETECTING DEVICE AND METHOD FOR INDUCTIVE LOAD**

described in an application for Letters Patent of the United States executed

X on even date herewith  
\_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_

as well as any and all continuations, divisions, and reissues of said application and all Letters Patents that may be granted therefor. The undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent or Letters Patents to said Assignee.

The undersigned agree(s), when requested, to sign all papers, take all rightful oaths, and perform all acts which may be necessary for securing and maintaining patents for said inventions and for vesting title thereto in said Assignee.

The undersigned authorize(s) and empower(s) said Assignee to invoke and claim the benefit of the right of priority provided under any and all international conventions and treaties in respect of said inventions, as may be necessary in connection with said application.

The undersigned also authorize(s) Posz Law Group, PLC to insert hereon any further identification that may be necessary or desirable for recordation of this document.

Tadatoshi Asada  
Inventor 1: **Tadatoshi Asada**

August 3, 2006  
Date

Hirokazu Toyoda  
Witness

Susumu Ueda  
Inventor 2: **Susumu Ueda**

August 3, 2006  
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