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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

Attorney Docket No. 11-174

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

1. Name of conveying party(ies):

- (1) Kenji MORIKAWA
- (2) Hideyuki HAYAKAWA
- (3) Tetsuo IMAMURA

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

3. Nature of conveyance:

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

Execution Date(s): (1)-(3): July 18, 2003

2. Name and address of receiving party(ies)

Name: DENSO CORPORATION  
Street Address: 1-1, Showa-cho  
Kariya-city, Aichi-pref.  
448-8661 JAPAN

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

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

Month Day Year

If this document is being filed together with a new application, the execution date of the application is: (1)-(3) 07 18 03

A. Patent Application No.(s)

101630704

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: James E. Barlow

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

Street Address: Posz & Bethards, PLC

11250 Roger Bacon Drive, Suite 10

City: Reston State: VA Zip: 20190

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41). . . . . \$ 40

☒ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-1147

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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 original document.

James E. Barlow (Reg. No. 32,377)

Name of Person Signing

Signature

July 31, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Alexandria, VA 22313-1450

03915 U.S. PTO  
10/630704

07/31/03

# ASSIGNMENT

For good and valuable consideration, the receipt 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**

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

as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, in the United States of America and all foreign countries, to certain inventions known as

CIRCUIT STRUCTURE OF ELECTRIC POWER STEERING DEVICE

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

- (A) X on even date herewith  
 (B) X on July 18, 2003  
 (C) \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_

as well as any and all continuations, divisions, and substitutes and reissues of said application for Letters Patent, and all Letters Patent 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 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 by the International Convention for the Protection of Industrial Property, or by any convention which may be henceforth substituted therefor, as may be necessary in connection with said application for said Letters Patent.

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

Kenji Morikawa  
 Inventor 1: Kenji Morikawa

July 18, 2003  
 Date

Naoki Nakane  
 Witness

Hideyuki Hayakawa  
 Inventor 2: Hideyuki Hayakawa

July 18, 2003  
 Date

Naoki Nakane  
 Witness

Tetsuo Imamura  
 Inventor 3: Tetsuo Imamura

July 18, 2003  
 Date

Naoki Nakane  
 Witness

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 Inventor 4:

\_\_\_\_\_  
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\_\_\_\_\_  
 Witness

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 Inventor 5:

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Witness

☐ Continued on page 2 for additional inventors