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

JC498 U.S. PTO 10/382975 03/06/03

1. Name of conveying party(ies):

Yoshiaki Takano Shun Kurata

3.6.03

2. Name and address of receiving party(ies)

Name: DENSO CORPORATION

Address: 1-1, Showa-cho

Kariya-city, Aichi-pref.

448-8661 Japan

Street Address:

City: State: Zip:

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

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

3. Nature of conveyance:

Assignment  Merger

Execution Date(s): February 21, 2003

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: February 21, 2003

A. Patent Application No.(s)

B. Patent No.(s)

03/12/2003 DTESSEM1 00000028 10382975

02 FC:8021 40.00 DP

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

6. Total number of applications and/or patents involved: 1

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

Enclosed  Authorized to be charged to deposit account

8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

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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.

Michael J. Schmidt, Esq. Name of Person Signing

[Signature]

March 6, 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 Washington, D.C. 20231

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert  
ASSIGNEE's  
Name(s)  
Address(es))

DENSO CORPORATION

1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of  
Invention)

AUTOMOTIVE AIR CONDITIONING SYSTEM

relating to International Patent Application PCI/JP \_\_\_\_\_/\_\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date  
of execution  
of application,  
if not  
concurrent)

- (a) executed on \_\_\_\_\_ ;
- (b) filed on \_\_\_\_\_ ,  
Serial No. \_\_\_\_\_ / \_\_\_\_\_ ;

_____ _____ ) is hereby authorized to insert in (b) the specified data, when known.
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and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

- |    |                        |                 |                   |
|----|------------------------|-----------------|-------------------|
| 1) | <i>Yoshiaki Takano</i> | Yoshiaki Takano | February 21, 2003 |
|    | (SIGNATURE)            | (TYPE NAME)     | (DATE)            |
| 2) | <i>Shun Kurata</i>     | Shun Kurata     | February 21, 2003 |
|    | (SIGNATURE)            | (TYPE NAME)     | (DATE)            |
| 3) |                        |                 |                   |
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| 4) |                        |                 |                   |
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| 8) |                        |                 |                   |
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**PATENT**