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HDP Docket No. 4041K-000416

Documents or the new address(es) below.

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PATENT TRADEMARK OFFICE

To the Director of the U.S. Patents and Trademark Office
Name of conveying parties & Executives

Yasufumi Kojima February 19, 2008
Hiroshi Takeda February 19, 2008
Kousuke Hara February 19, 2008

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 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 _____

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

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

A. Patent Application No.(s)
12/069,579

This document is being filed together with a new application.

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
Phone Number: 248-641-1600
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
03/31/2008 NJAAAI 0000010 12069579
Authorized User Name H. Keith Miller, Esq.

9. Signature :

March 26, 2008

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

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 184 987 155 US
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PATENT

REEL: 020745 FRAME: 0309

U.S. ASSIGNMENT

Docket No. 4041K-000416

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 CONDITIONER AND METHOD AND APPARATUS FOR CONTROLLING

AUTOMOTIVE AIR CONDITIONER

relating to International Patent Application PCT/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 February 11, 2008;
Serial No. 12/ 069,579;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

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) Yasufumi Kojima (SIGNATURE) Yasufumi Kojima (TYPE NAME) February 19, 2008 (DATE)
2) Hiroshi Takeda (SIGNATURE) Hiroshi Takeda (TYPE NAME) February 19, 2008 (DATE)
3) Kousuke Hara (SIGNATURE) Kousuke Hara (TYPE NAME) February 19, 2008 (DATE)
4) (SIGNATURE) (TYPE NAME) (DATE)
5) (SIGNATURE) (TYPE NAME) (DATE)
6) (SIGNATURE) (TYPE NAME) (DATE)

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