

12-14-2000

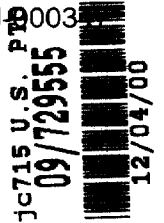


AND TRADEMARK OFFICE

101549473

Attorney Docket No. 4041J-0003

COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)



Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

12-4-00

Pursuant to 37 C.F.R. 3.31, enclosed herewith is a document for recordal in this case. The following information is provided:

(1) **Name Of Party Conveying The Interest:**

Kouji Yamashita
Satohisu Yoshida
Makoto Umebayashi
Seiji Kamei
Hiroyuki Hotta
Hidekazu Uramune

09/729555

(2) **Name And Address Of Party Receiving The Interest:**

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

- and

Toyota Jidoshi Kabushiki Kaisha
1, Toyota-cho
Aichi-pref
471-8571 Japan

(3) **Description Of The Transaction To Be Recorded:**

Assignment License
 Change of Name Other _____

12/08/2000 FFANAEIA 00000019 09729555

02 FC:581

40.00 DP

(4) **Application(s) and/or Patent(s) Against Which Enclosure Is To Be Recorded:**

Serial Number _____, filed _____
 Application being filed concurrently herewith.
 Patent Number _____, issued _____

(5) **Name And Address Of The Party To Whom Correspondence Concerning The Request To Record Should Be Mailed:**

H. Keith Miller
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

(6) **Number Of Applications and/or Patents Identified In The Cover Sheet And Total Recordal Fee:**

Number of Applications/Patents: 1 (one)

Total Recordal Fee Enclosed: \$40.00

(7) **Date(s) The Document Was Executed as follows:**

Inventor Date of Execution

- | | | |
|-----|------------------------|-------------------|
| (1) | Kouji Yamashita | October 30, 2000 |
| (2) | Satohisa Yoshida | October 30, 2000 |
| (3) | Makoto Umabayashi | October 30, 2000 |
| (4) | Seiji Kamei | November 13, 2000 |
| (5) | Hiroyuki Hotta | November 24, 2000 |
| (6) | Hidekazu Uramune | November 22, 2000 |

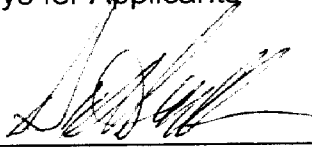
To the best of my knowledge and belief, the foregoing information is true and correct, and if the attached is not an original document, the undersigned verifies that it is a true copy of the original.

If, for some reason, Applicants have not paid a sufficient fee, please charge our Deposit Account No. 08-0750 for any further fees which may be due.

Respectfully submitted,

Harness, Dickey & Pierce, P.L.C.
Attorneys for Applicants

By: _____


H. Keith Miller, Reg. No. 22,484
Michael J. Schmidt, Reg. No. 34,007

Date: *December 4, 2000*

TSA 2000-114 US-00

ASSIGNMENT BY INVENTORS

Sole or Joint

WHEREAS, the undersigned, hereinafter referred to as Assignor(s), have invented
VEHICLE AIR CONDITIONER WITH AUTOMATICAL SELECTION OF FOOT MODE AND FOOT/DEFROSTER MODE

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

- (A) X even date herewith
- (B) _____ on _____
- (C) _____ in U.S. Appln. No. _____ filed _____

DENSO CORPORATION

AND WHEREAS, 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan and
TOYOTA JIDOSHA KABUSHIKI KAISHA
1, Toyota-cho, Toyota-city, Aichi-pref., 471-8571 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).

Kouji Yamashita
Inventor 1: Kouji Yamashita

October 30, 2000
Date

Tae Nakagawa
Witness

Satohisa Yoshida
Inventor 2: Satohisa Yoshida

October 30, 2000
Date

Tae Nakagawa
Witness

Makoto Umebayashi
Inventor 3: Makoto Umebayashi

30. Oct. 2000
Date

Tae Nakagawa
Witness

Seiji Kamei
Inventor 4: Seiji Kamei

13. Nov. 2000
Date

Toshihiro Muroki
Witness

Hiroyuki Hotta
Inventor 5: Hiroyuki Hotta

24. Nov. 2000
Date

Toruaki Abe
Witness

Hidekazu Uramune
Inventor 6: Hidekazu Uramune

22 Nov 2000
Date

Toruaki Abe
Witness

_____ IF ADDITIONAL INVENTORS, check and continue on page 2.