

05-12-2004

BOX ASSIGNMENTS

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RECOF
PATENT /

102743057

TO THE DIRECTOR OF THE US PATENT AND TRA.
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Kabushiki Kaisha Toyota Chuo Kenkyusho

3.

5.

7.

2.

4.

6.

8.

MAY 06 2004

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Denso Corporation

ADDRESS: 1-1 Showa-cho, Kariya-city, Aichi-pref., 448-8661, Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

- ☒ ASSIGNMENT OF ☐ WHOLE ☒ PART INTEREST
☐ ORIGINAL ☐ FACSIMILE/PHOTOCOPY
☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION
☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: April 22, 2004

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☐ NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
5172856			5,172,856	0081336	Tanaka

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:Pillsbury Winthrop LLP
Intellectual Property Group
P.O. Box 10500 McLean, VA 22102

6. NUMBER INVOLVED:

APPLNS 0 + PATS 1 = TOTAL = 1

7. AMOUNT OF FEE DUE: (Code 8021)

ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 0081336

MM-0371 (D167-US)

8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT
NUMBER: 03-3975

UNDER ORDER NO

011349

0081336

MATTER NO.

CLIENT REF.

dup. sheet not required

CLIENT NO.

MATTER NO.

9. 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.

10. Total number of pages including this
cover sheet, attachments and document
(do not file dup. Cover sheet)

2

Attorney: Jeffrey D. Karceski

Reg. No. 35914

Atty/Sec: JDK/dlh

TEL: (703) 905-2110

Date: May 6, 2004

FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

05/11/2004 MBETACHE 00000037 033975 5172856

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40.00 DA

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PAT-114X 9/03

PATENT
REEL: 015302 FRAME: 0882

ASSIGNMENT OF ISSUED U.S. PATENT

WHEREAS, KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO, a Japanese corporation having its principal office at 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi-ken 480-1192, Japan (hereinafter ASSIGNOR), is a co-owner of the following United States Letters Patent:

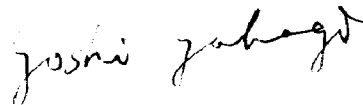
Inventor(s)	Patent No./Issue Date	Title
TANAKA et al.	5,172,856 December 22, 1992	Control Apparatus for Air-Conditioning

ASSIGNOR does, for the sum of ten U.S. Dollars (\$10.00 USD) and other adequate consideration received from DENSO CORPORATION (hereinafter ASSIGNEE), duly organized and existing under the laws of Japan and having its principal office at 1-1 Showa-cho, Kariya-city, Aichi-pref. 448-8661, Japan, acknowledge receipt of such consideration and hereby sells, assigns and transfers unto ASSIGNEE, its successors and assigns, the entire right, title and interest in, to and under the Letters Patent, including, though not in way of limitation, all rights of recovery for past infringement thereof.

NOTE: The undersigned hereby authorizes Pillsbury Winthrop LLP, with a business address at 1600 Tysons Blvd., McLean, VA 22102, to insert hereon any further identification necessary or desirable for recordation of this document.

EXECUTED this 22nd day of April, 2004

ASSIGNOR



(Name:) Yoshiaki Yahagi

(Title) Division Manager,
Intellectual Property Div.

(SEAL)

In the presence of:

Signature: _____
Name: _____