_		** ney Docket No. 4041J-000
	3-2003 	U.S. DEPARTMENT OF COMME U.S. Patent and Trademark O
OND NO. 0031-0027 (EA). 3/31/20027		
To the Honorable Commissioner of Par	427335	original documents or copy thereof.
Name of conveying party(ies):	l .	address of receiving party(ies)
Hisashi Kawauchi Masahiro Kanbara 4.10.03	Name:	DENSO CORPORATION
	Address:	1-1, Showa-cho
Additional name of conveying party(ies) attached? ☐ Yes ☒ N	0	Kariya-city, Aichi-pref.
		448-8661 Japan
3. Nature of conveyance:	Street Address	:
☐ Assignment ☐ Merger		
Execution Date(s): April 4, 2003	City:	State: Zip:
	Additional Nan	ne(s) & address(es) attached? ☐ Yes 🛭 N
If this document is being filed together with a new application A. Patent Application No.(s) 1003 SDIRETAI 00000042 10411472 1021 40.00 DP	ion, the execution of B. Pater	* *
A. Patent Application No.(s) 2003 SDIRETA1 00000042 10411472 40.00 OP	B. Pater	nt No.(s)
A. Patent Application No.(s) 1003 SDIRETA1 00000042 10411472 1021 40.00 0P Additional numbers at the sum of	B. Pater	nt No.(s)
A. Patent Application No.(s) 1003 SDIRETAL 00000042 10411472 1021 40.00 0P Additional numbers at the sum of	B. Pater	nt No.(s) ☑ No r of applications and/or patents involved: 1
A. Patent Application No.(s) 1003 SDIRETAI 00000042 10411472 1021 40.00 0P Additional numbers at the state of party to whom correspondence concerning this document should be mailed: Name: H. Keith Miller, Esq.	B. Pater	nt No.(s) ☑ No
A. Patent Application No.(s) 1003 SDIRETAL 00000042 10411472 1021 40.00 0P Additional numbers at the sum of	B. Pater	nt No.(s) No r of applications and/or patents involved: 1 CFR 3.41) \$ 40.00
A. Patent Application No.(s) 1003 SDIRETAI 00000042 10411472 1021 40.00 0P Additional numbers at the state of party to whom correspondence concerning this document should be mailed: Name: H. Keith Miller, Esq.	B. Pater attached? Yes 6. Total number 7. Total fee (37	nt No.(s) No r of applications and/or patents involved: 1 CFR 3.41) \$ 40.00
A. Patent Application No.(s) 1003 SDIRETAI 00000042 10411472 1021 40.00 0P Additional numbers at the state of party to whom correspondence concerning this document should be mailed: Name: H. Keith Miller, Esq.	B. Pater attached? Yes 6. Total numbe 7. Total fee (37 Enclos Author 8. The Commis additional fee overpayment	nt No.(s) No r of applications and/or patents involved: 1 CFR 3.41) \$ 40.00 ed
A. Patent Application No.(s) 1003 SDIRETAI 00000042 10411472 1021	B. Pater attached? Yes 6. Total numbe 7. Total fee (37 Enclos Author 8. The Commis additional fee overpayment	No Trof applications and/or patents involved: 1 CFR 3.41) \$ 40.00 ed ized to be charged to deposit account sioner is hereby authorized to charge any es that may be required or credit any is to Deposit Account No. 08-0750. A duplica
A. Patent Application No.(s) O03 SDIRETA1 00000042 10411472 Additional numbers at the second secon	B. Pater attached? Yes 6. Total numbe 7. Total fee (37 Enclos Author 8. The Commis additional fee overpayment	No Trof applications and/or patents involved: 1 CFR 3.41) \$ 40.00 ed ized to be charged to deposit account sioner is hereby authorized to charge any es that may be required or credit any is to Deposit Account No. 08-0750. A duplica
A. Patent Application No.(s) O03 SDIRETA1 00000042 10411472 Additional numbers at the second secon	B. Pater attached? Yes 6. Total numbe 7. Total fee (37 Enclos Author 8. The Commis additional fee overpayment copy of this s	No Trof applications and/or patents involved: 1 CFR 3.41) \$ 40.00 ed ized to be charged to deposit account sioner is hereby authorized to charge any es that may be required or credit any is to Deposit Account No. 08-0750. A duplica
A. Patent Application No.(s) 1003 SDIRETAI 00000042 10411472 1021	B. Pater attached? Yes 6. Total number 7. Total fee (37 Enclose Author 8. The Commiss additional fee overpayment copy of this see the see	No Trof applications and/or patents involved: 1 CFR 3.41) \$ 40.00 ed ized to be charged to deposit account sioner is hereby authorized to charge any es that may be required or credit any is to Deposit Account No. 08-0750. A duplica

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

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT BY INVENTORS

Sole or Joint

WHEREAS, the undersigned, hereinafter referred to as Assignor(s), have invented

VEHICLE AIR-CONDITIONING SYSTEM for which the undersigned executed an application for Letters Patent of the United States of America: ____x even date herewith _____ on ____ in U.S. Appln. No. _____ filed ____ (B) (C) AND WHEREAS, DENSO CORPORATION of 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 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). Hisashi Kawauchi April 4, 2003 Tsuguyoshi Hidaka Inventor 1: Hisashi Kawauchi Date Witness Masahiro Kanbara April 4, 2003 Kenji Kato Inventor 2: Masahiro Kanbara Date Witness

PATENT
RECORDED: 04/10/2003 REEL: 013970 FRAME: 0998