OIPE		
/	10-2003 ocket No. 4041J-000761	
OMB No. 001-0027 (exp. 5/31/2002)	J.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Homer Commissioner of Patents and Trademarks: F	Please Record the attached original documents or copy thereof.	
Name of conveying party(ies):	Name and address of receiving party(ies)	
Hisashi Tanaka Haruki Ikuta	Name: DENSO CORPORATION	
Haruki Ikuta Koichi Ito \(\bar{1} \) \(\bar{5} \)	Address: 1-1, Showa-cho	
Additional name of conveying party(ies) attached? ☐ Yes ☒ No	Kariya-city, Aichi-pref. 448-8661 Japan	
Nature of conveyance:		
⊠ Assignment	Street Address:	
Execution Date(s): Hisashi Tanaka September 8, 2003	City:State:Zip:	
Haruki Ikuta September 18, 2003 Koichi Ito September 9, 2003	Additional Name(s) & address(es) attached? ☐ Yes ☒ No	
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:		
R. Patent Application No.(s) $10/652,447$	B. Patent No.(s)	
10/032,447		
Additional numbers attached? Yes No		
5. Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and/or patents involved: 1	
Name: H. Keith Miller, Esq.	7. Total fee (37 CFR 3.41) \$ <u>40.00</u>	
Internal Address: Harness, Dickey & Pierce, P.L.C.	⊠ Enclosed	
	Authorized to be charged to deposit account	
Street Address: P.O. Box 828 City: Bloomfield Hills State: MI Zip: 48303	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.	
	THIS SPACE	
003 NETRIK 00000220 10652447 DO NOT USE THIS SPACE		
9. Statement and signature.		
To the best of my knowledge and belief, the foregoing information of true and correct and any attached copy is a true copy of the original document. H. Keith Miller, Esq. December 3, 2003		
•	Signature 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

PATENT REEL: 014758 FRAME: 0445

ASSIGNMENT BY INVENTORS

Sole or Joint

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

COOLING STRUCTURE FOR COOLING VEHICLE ELECTRONIC UNIT			
for which the undersigned executed an application for Letters Patent of the United States of America:			
. ,	e herewith		
(B) on			
(C) <u> </u>	ppln. No. <u>10/652,447</u>	filed August 29, 2003	
AND WHEREAS,			
DENSO CORPORATION of 1-1, St	<u>nowa-cho, Kariya-city, Aichi-pre</u>	f., 448-8661 Japan	
hereinafter referred to as Assignee	• •		
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).			
7-lisashi Tanaka Inventor 1: Hisashi Tanaka	September P. 2003 Date	Mitsuga Yamanaka Witness	
Haruki Muta Inventor 2: Haruki Ikuta	September 18.2003 Date	Mitsugu Yamaraka Witness	
Kouchi Ito Inventor 3: Koichi Ito	September 9,2003	Mitsugu Yaranaka Witness	

1

PATENT REEL: 014758 FRAME: 0446

RECORDED: 12/05/2003