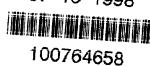
07-15-1998

IN THE UN



EMARK OFFICE

orney Docket No. 4041J-000145

MRD 6.29.98

COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)

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



(4)



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:

Osamu Kobayashi Ken Yamamoto

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

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

(3) Description Of The Transaction To Be Recorded:

[] Patent Number _____, issued _

[] Change of Name			
Application(s) and/	or Patent(s) Aga	inst Which Enclose	ure Is To Be Recorded
[] Serial Number		, filed	
[X] Application being			

(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: June 17, 1998			
if the	attache	e best of my knowledge and belief, the foregoing information is true and correct, and d is not an original document, the undersigned verifies that it is a true copy of the			
Accou		some reason, Applicants have not paid a sufficient fee, please charge our Deposit 08-0750 for any further fees which may be due.			
		Respectfully submitted,			
		By: WALL			
		H. Keith Miller Reg. No. 22,484 Attorney for Applicants			
Date:		4/29/98			

ASSIGNMENT BY INVENTORS

Sole or Joint

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

HEAT EXCHANGER HAVING A STR	UCTURE FOR DETECTING FLUID) LEAKAGE
for which the undersigned executed a (A)X even date here (B) on	ewith	
(C) in U.S. Appln.	Nofil	ed
	ORPORATION 1-1,Showa-cho,K	
Assignee, is desirous of acquiring an	Japan interest therein:	hereinafter referred to as
acknowledged, Assignors by these printerest, the full and exclusive right in right to claim priority under the laws of described in the specification execut application for patent therefor, said in Patent therefor to be held and enjoyed are granted and any extensions therefor had this assignment and sale not be instruments or documents required or for patent and all foreign countries on, invention, the United States application without further or other compensation Commissioner of Patents and Tradent Assignee(s).	resents do sell, assign and trar the United States of America at the United States and the Pared by Assignors of even date envention and all United States d by Assignee to the full end of of as fully and entirely as the saren made; and Assignors herel requested for the making and p for litigation regarding, or for the on for patent, or Letters Pater on than that above set forth; marks to issue said Letters Pater	and all foreign countries, including the is Convention, to the said invention as preparatory to filing a United States applications for patent and all Letters the term for which said Letters Patent me would have been held by Assignors by covenant and agree to execute all rosecution of United States application e purpose of protecting title to the said at therefor for the benefit of Assignee and Assignors hereby request the tent of the United States of America to
Diamu Kobayashi Inventor 1: Osamu Kobayashi	June 17. 1998 Date	<u>ftohujuki famavelu</u> Witness
Ken Yamamoto Inventor 2: Ken Yamamoto		Joshiyuki Jamauchi Witness Joshiyuki Jamauchi Witness
Inventor 3:	Date	Witness
Inventor 4:	Date	Witness
Inventor 5:	Date	Witness
Inventor 6:	Date	Witness
IF ADDITIONAL INVENTORS, check	and continue on page 2.	

Page 1 of 1 PATENT

REEL: 9303 FRAME: 0144

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Date: June 29, 1998

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

Sir:

EXPRESS MAILING CERTIFICATE

Applicants: Osamu Kobayashi

Ken Yamamoto

For: Heat Exchanger Having A Structure

For Detecting Fluid Leakage

Docket: 4041J-000145

Attorney: H. Keith Miller

"Express Mail" Mailing Label Number <u>EH 757 438 858 US</u>

Date of Deposit <u>June 29, 1998</u>

I hereby certify and verify that the accompanying Transmittal Letter (in duplicate), 17 page Patent Application with executed Declaration and Power of Attorney, 3 sheets of Formal Drawings showing Figures 1 - 4, Assignment with Cover Sheet for Document Recordal, Information Disclosure Statement (in duplicate), 1 sheet US PTO Form 1449, copy of cited reference, certified copy of Priority Document: Japanese Application No. 9-179902, and a Check for \$830.00 are being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service under 37 C.F.R. 1.10 on the date indicated above and are addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Signature of Person Mailing Rocument(s)

PATENT REEL: 9303 FRAME: 0145

RECORDED: 06/29/1998