Form DTO 1505			Attorney Docket No. 4041J-000702		
Form <b>PTO-1595</b> (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2	102417839		EET	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissio			ttached ori	iginal documents or copy thereof.	
1. Name of conveying party(ies):		2 Name and a	ddress of	receiving party(ies)	
Masaaki Kawakubo Ken Muto				S.C.	
Ken Muto Norihide Kawachi Ken Yamamoto Etsuo Hasegawa Yoshiki Katoh Additional name of conveying party(i	Y-Z-O3 ies) attached? □ Yes ⊠ No	Name:		O CORPORATION	
		Address:	1-1, S	howa-cho	
		,	Kariya	a-city, Aichi-pref.	
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<ol> <li>Nature of conveyance:</li> <li>Assignment</li> </ol>	Merger	Street Address:			
Execution Date(s):					
Masaaki Kawakubo Ken Muto	March 19, 2003 March 19, 2003	City:		State: Zip:	
Norihide Kawachi Ken Yamamoto	March 20, 2003 March 21, 2003	Additional Name	Additional Name(s) & address(es) attached?  Yes X No		
Etsuo Hasegawa Yoshiki Katoh	March 19, 2003 March 19, 2003 March 19, 2003				
If this document is being filed to A. Patent Application No.(s)	ogether with a new application (0405433 Additional numbers at	B. Patent	No.(s)	application is <u>: March 19, 2003</u>	
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REEL: 013936 FRAME: 0946

#### ASSIGNMENT BY INVENTORS

Sale of Joint

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

# HEAT EXCHANGER FOR EXCHANGING HEAT BETWEEN INTERNAL FLUID AND EXTERNAL FLUID AND MANUFACTURING METHOD TEREOF

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

\_\_\_\_\_ even date herewith (A)

\_\_\_\_\_ on \_\_\_\_\_ in U.S. Appln. No. \_\_\_\_\_\_ filed \_\_\_\_\_ (B) (C)

#### AND WHEREAS,

### DENSO CORPORATION of 1-1, Showa-cho, Karlya-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 Parls 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).

haranti Karkabo

Inventor 1: Masaaki Kawakubo

Ken Muto March 19. 2003 Jakeshi Okinotoni Date Witness

Inventor 2: Ken Mut

Inventor 3: Norihide Kawach

ien yamama

Inventor 4: Ken Yamamoto IF ADDITIONAL INVENTORS, check and commune on page 2.

Auroch 79,2003 Jokeshi Okinolom Date Witness

Michide Kawachi March 25. 2003 Jukeahi Okinotomi entor 3: Norihide Kawachi Date Wilness

March 21, 2003 Jokean Okinatomi

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Attorney Docket No. 4041J-\_\_

## ASSIGNMENT BY INVENTORS

<u>Etsuo</u> Hasegawa March 19, 2000 Jakeshi Okinatani Inventor 5: Etsuo Hasegawa Dete Witness <u>Joshiki Katoh March 19, 2003</u> Jakeshi Okinatani Inventor 8: Yoshiki Katoh Date Witness

PATENT REEL: 013936 FRAME: 0948

**RECORDED: 04/02/2003**