PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Takuya Murayama	11/27/2006	
Hiroshi Shibata	11/30/2006	

RECEIVING PARTY DATA

Name:	Matsushita Electric Industrial Co., Ltd.				
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City:	Osaka				
State/Country:	JAPAN				
Postal Code:	571-8501				

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11572126

CORRESPONDENCE DATA

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Total Attachments: 1

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PATENT

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Matsushita Ref*:	P35595-05		Application Ser	ial No. 11/572126	a)
Japan Firm Name:	MTIS		• •	: <u>P35595-05</u>	***************************************
US Firm Name*:	RP		•		
* must be filled)			NMENT		
AUTOEAC # 1			I VI I IV		
WHEREAS, the undersi Box 1		ed the invention entitled:			7.15.25.55.55.55
Title of Invention:					
HEAT EXCHANGE					
				ly one box below)	
			by the undersigned conc	urrently herewith, or	
(b)□ for which an app date(s):	lication for U.S. pate	nt has been executed	on the following		, or
(if Declaration & Assignment are			e Declaration was signed before this Assi	gnment, enter the date(s) on which you signed the	Declaration)
	ernational Application check only (c) and enter PCT appl		PCT Application No.	PCT/JP2004/010534 an	nd,
			n after filing U.S. patent applicati	on I	
d)□ for which an app	lication for U.S. pate	nt has been filed on:	Application Filing Date		and,
WHEREAS, Mats	ushita Electric Industr	ial Co., Ltd. of 1006, Oa	za Kadoma, Kadoma-shi, Os	aka 571-8501, JAPAN, and	
hereof in the United Statoriority created by this pielssues and reexamina United States and in all of The undersigned a all papers and document or Protection of Industroncerning this application of producing evidence wite and interest in and the gal proceeding relating with such applications as a tent (s) to the Assigned a such a tendersigned of this Armondersigned if the undersigned and hereby covenants the undersigned and hereby covenants the undersigned hereby undersigned hereby undersigned hereby undersigned hereby The United States. IN WITNESS WHE	tes and all countries fore attent application under a titon certificates which mountries foreign to the lagree(s) to execute all pts and perform any act ial Property or similar on or any and all Relate and proceeding with sure or aid invention, this apport is the Assignee(s) may diagree(s) to perform all a e(s) and to vest all rights assignment had not been hereby authorize(s) and to the administration of the end of the endersigned hereby does sell, assignee(s) the Assignee(s) chimay be necessary agree(s) that the above the endersignee(s) that the endersignee(s) that the endersignee(s) that the above the endersignee(s) that the endersignee(s) the	eign to the United States any treaty relating thereto hay be granted therefore united States for the full inapers necessary in connict which may be necessary agreements, all papers and applications thereof a chinterference, and for a polication and any and all thereof, for the benefit of them necessary or expectifirmative acts which may is hereby conveyed to the inmade. It request(s) the Commission and any and all so the following from said as the control of the properties of the properties of the appointed U.S. or desirable in order to be obligations shall apply the sassignment shall be controlled and the date of the properties of the properties of the properties of the properties of the controlled U.S. or desirable in order to be obligations shall apply the properties of th	(hereinafter designated as "F; and (iii) any and all Letters; and all rights to sue for pasterm or terms thereof. ection with this application at in connection with claims on necessary in connection with nd to cooperate with the Assay and all litigations regarding Application or Letter (Assignee(s)), and also to estimate the Assignee(s) as fully and ensioner of Patents, and official opplication or any and all Related applications or any and all Related polication or any and ala	exclusive authority for revoking power of attorney in place thereof. the power to insert on this assigning U.S. Patent Office for recordationally and collectively, he law of the appropriate jurisdictions.	Il rights of xtensions, der, in the sthereof, onvention declared obtaining the right, tify in any onnection held by duty is to signee(s) gned has power of ment any on of this
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	ime, Last Name		(f) Signature	(g) Date sigr 2س(/۱۱/2 آرٹد/۱۱/۱۸	vovember 2/
(1) Takuya	MURAYAMA	Jakuya 1.	nurayama	=7/11/2	206
(2) Hirosh	ni SHIBATA	Takuya P. Hiroshi Shi	bata	November 30, =	2006.
(3)					
	Market Land				
(4)					

☐Check if additional paper(s) is/are attached. Total of ____ pages are submitted.

PATENT REEL: 019126 FRAME: 0045