Atty. Dkt. No. 081909-0131 FORM PTO-1,595 (niodified) 05-15-2007 NLY 11/667362 (Rev 6-93) 5,9.07 e record the attached original documents or copies thereof. To the Director of the Unite 103406031 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Yoshiomi KONDOH **MEIDENSHA CORPORATION** 1-17, Osaki 2-chome Shinagawa-ku, Tokyo 141-0032 Japan Yoshiomi KONDOH 694-3, Komagata-machi Maebashi-shi, Gunma 379-2122 Japan Additional conveying party(ies) NO 3. Nature of conveyance: **ASSIGNMENT Execution Date:** Additional name(s) & address(es) attached? NO April 9, 2007 4. Application number(s) or patent number(s): If this is being filed together with a new application, the execution date of the application is: April 9, 2007 B. Patent Number(s): A. Patent Application Number(s): 11/667362 Additional numbers attached? NO 5. Name and address of party to whom correspondence 6. Total number of applications/patents involved: concerning document should be mailed: 7. Total fee (37 C.F.R. § 3.41): \$40.00 Richard L. Schwaab Check Enclosed **FOLEY & LARDNER LLP** Authorized to be charged to credit card **Washington Harbour** Authorized to be charged to deposit account 3000 K Street NW, Suite 500 8. Payment Information Washington, D.C. 20007-5143 Credit Card Last 4 Numbers 6242 11/30/2008 5/11/2007 JBALINAN 00000082 11667362 **Expiration Date** 19-0741 Deposit account number F0:8021 Authorized User Name DO NOT USE THIS SPACE 9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account. Muhuan May 10, 2007 Richard L. Schwaab Date

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Signature

PATENT REEL: 019307 FRAME: 0741

Name of person signing

IAP13 Rec'd PCT/PTO 09 MAY 2007

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee

MEIDENSHA CORPORATION

1-17, Osaki 2-chome, Shinagawa-ku,

Tokyo 141-0032 Japan

Yoshiomi KONDOH

694-3, Komagata-machi, Maebashi-shi,

Gunma 379-2122 Japan and

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of invention

THERMAL ENERGY TRANSFER CIRCUIT SYSTEM

as set forth in his/her United States Patent Application

check one

()	executed concurrently herewith									
()	executed on									
ĺχ)	Serial No.	PCT/JTP2005/020994	Filed	November 16	2005					

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Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she

unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues, reexaminations, or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of Foley & Lardner LLP the

Each of the undersigned hereby grants the firm of Foley & Lardner LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation

of this Assignment.

names and	Yeshiemi Kondoh date 4/9/07				date
signatures				Name:	
of inventors			date		date
	Name:			Name:	

PATENT REEL: 019307 FRAME: 0742

RECORDED: 05/09/2007