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Name of conveying party(ies):	2. Name and address of receiving party(ies)						
Michinori Watanabe 04/27/2005	Name: Sanyo Denki Co., Ltd.						
Toshiki Ogawara 04/27/2005	Sanyo Denki Co., Liu.						
Haruhisa Maruyama 04/27/2005							
Additional name(s) of conveying party(ies) attached? La Yes La No	Address: 15-1, Kitaotsuka 1-chome						
3. Nature of conveyance:	Toshima-ku, Tokyo						
🔼 Assignment 🖵 Merger	Japan						
☐ Security Agreement ☐ Change of Name							
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Other							
April 27, 2005;							
Execution Date: April 27, 2005; April 27, 2005	Additional name(s) & address(es) attached? 📮 Yes 🖺 No						
4. Application number(s) or patent number(s):							
**	lication, the execution date of the application is:						
	B. Patent No.(s)						
A. Patent Application No.(s) 11/127736	B. Faterit No.(5)						
11/12/730	1						
Additional numbers a	ttached? 🔽 Yes 🛣 No						
	6. Total number of applications and patents involved:						
concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$ 40.00						
Name:_ David E. Spaw							
Internal Address: Rankin, Hill, Porter & Clark LLP	Enclosed						
	Authorized to be charged to deposit account						
l	O. D						
4000 F : G	8. Deposit account number:						
Street Address: 4080 Eric Street	10.0160						
	18-0160						
City: Willoughby State: Ohio Zip: 44094	(Attach duplicate copy of this page if paying by deposit account)						
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy							
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David E. Spaw	May 23, 2005						
Name of Person Signing	(Signature Date						

Mall documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

> PATENT REEL: 016267 FRAME: 0790

From: 216-566-9711 To: 1 703 306 5995 Page: 3/4 Date: 5/23/2005 11:32:47 AM

## **ASSIGNMENT**

WHEREAS, new and useful improvements have been made by the undersigned in

HEAT-EMITTING ELEMENT COOLING APPARATUS

that are the subject	of an applic	ation for a U.S. I	Patent, (Ap	plication No.	11/127736
filed <u>05/12/2005</u>		_), which applicat	tion is furth	ier identified a	as Rankin, Hill,
Porter & Clark LLP	Docket No.	NIS-16097			
, WHEREAS,	Sanyo Denki Co., Ltd.				a corporation
of Japan	, and having	a place of busing	ness at	,	•
15·1, Kitaotsuka 1·c		•			
Toshima ku, Tokyo,		<del></del>	Japan	. hereinafter	referred to as
"assignee", is desir	ous of acqui	ring all right, title	and intere	est throughout	t the world in
to, and under said in	mprovement	ts and inventions	and pater	nt rights there	for.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill, Porter & Clark LLP the power to insert on this assignment any identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

PATENT of 2
REEL: 016267 FRAME: 0791

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1)	Inventor Name (sole or joint): Michinori WATANABE	
	Signature: Michingri Watawale	
	Today's Date: 27 April 2005	
	Witness: Masako Mwata Witness: Masako Mwata	
	witness:	
(2)	Inventor Name (joint):Toshiki OGAWARA	
	Signature: <u>Toshiki Ogawara</u>	
	Today's Date: 27 April 2005	
	Witness: Masato Murata Witness: Interpretation	
	Witness: Jul young to	
(3)	Inventor Name (joint): Haruhisa MARUYAMA  Signature: Haruhisa Maruyama  Today's Date: 27 April 2005	
	Witness: Masaty Murata Witness: 2 2 Manage h	
	Witness:	
(4)	Inventor Name (joint):	
	Signature:	
	Today's Date :	
	Witness:	
	Witness:	

**RECORDED: 05/23/2005** 

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