U.S. PTO 11/785888

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Name of Person Signing

05-08-2007

04/20/2007 FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE 103402918 m2005 Stass & Halsey LLP To the Director of the U.S. Patent and Trade..... inco. I loggo record the attached occument. Name of conveying parties: Nagahisa CHIKAZAWA Katsumi ADACHI Name and Address of receiving party: **FUJITSU LIMITED** 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan Nature of conveyance: Assignment Merger Х Security Agreement Change of Name Other: Execution Date: January 31, 2007 Application number(s) or patent number(s): ☐ This document is being filed together with a new application. OR This document is being filed after filing of the application: Patent Application No(s)., filed; or (a) (b) Patent No(s)., issued. Name and address of party to whom correspondence concerning document should be mailed: Our Docket: 1080.1225 STAAS & HALSEY LLP Attention: William F. Herbert 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005 Total number of applications and patents involved: __1 Total fee (37 CFR 3.41)......(\$ 40.00 per Patent or Application in Assignment) Authorized to be charged to deposit account. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account) William F. Herbert, Reg. No. 31,024 April 20, 2007

Signature

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REEL: 019272 FRAME: 0593

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))		
FUJITSU LIMITED, 1-1, Kamikodan	aka 4-chome, Nakahara-	ku, Kawasaki-shi,
Kanagawa 211-8588 Japan		
(hereinafter, "ASSIGNEE"), the receipt of which is hereby a ASSIGNEE the entire and exclusive right, title and interest (Title of Invention)		OR hereby sells, assigns and transfers to
ELECTRONIC DEVICE AND COOLING	UNIT	
relating to International Patent Application PCT/JPexecuted on even date herewith or, if not so executed, was:	and/or for which application fo	r Letters Patent of the United States was
(a) executed on January 31, 2007	(insert date of execution of applic	ation, if not concurrent)
(b) filed on, Serial No/;	Assignee's attorney is hereby data, when known.	authorized to insert in (b) the specified
	<u> </u>	
and to said application and all Letters Patent(s) of the Unite substitute, reissue or reexamination application based thereo including any extensions thereof (collectively, hereinafter, "	n, for the full term or terms for which the	said Letters Patent(s) may be granted and
The ASSIGNOR agree(s), when requested by said ASSIG which the ASSIGNEE may deem necessary, desirable or expending in the preparation and prosecution of said applicat reexamination, or public use proceeding, and in any litigation acts to include but not be limited to executing all papers, income testimony, and obtaining and producing evidence.	pedient, for securing, maintaining and ention(s) and the issuance of said Letters Pantor or other legal proceeding which may arise	forcing protection for said invention, tent(s), in any interference, reissue, se or be declared in relation to same, such
IN WITNESS WHEREOF, the undersigned inventor(s) h	nas (have) affixed his/her/their signature(s	s).
1) Nagahisa Chi kazawa _	Nagahisa Chikazawa (Type Name)	Jan. 31, 2007
2) <u>Katsumi Adachi</u> _	Katsumi Adachi (Type Name)	Jan . 31. 2007
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3)(Signature)	(Type Name)	(Date)
4)		
(Signature)	(Type Name)	(Date)

RECORDED: 04/20/2007

PATENT REEL: 019272 FRAME: 0594