# **DP \$40.00 12411**

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date	
Akihiro TAKAKURA	03/18/2009	
Shinichiro IKEDA	03/23/2009	

### **RECEIVING PARTY DATA**

Name:	FUJITSU MICROELECTRONICS LIMITED		
Street Address:	7-1, Nishi-Shinjuku 2-chome, Shinjuku-ku		
City:	Tokyo 163-0722		
State/Country:	JAPAN		

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12411085

### **CORRESPONDENCE DATA**

Fax Number: (202)857-6395

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-857-6310

Email: dcipdocket@arentfox.com

Correspondent Name: Arent Fox LLP

Address Line 1: 1050 Connecticut Avenue, N.W.

Address Line 2: Suite 400

Address Line 4: Washington, DISTRICT OF COLUMBIA 20036

ATTORNEY DOCKET NUMBER: 100698-00148

NAME OF SUBMITTER: Charles M. Marmelstein

Total Attachments: 2

source=100698\_00148\_USAssignment#page1.tif source=100698\_00148\_USAssignment#page2.tif

PATENT REEL: 022469 FRAME: 0576

500821157

# U.S. ASSIGNMENT

Ansurt No	(s) (horemater, "ASSIGNOR") by nme(s) & Address(ss) of ASSIGNEE(S)) TSU MICROELECTRONICS LIN	AITED	, and or other good and value	ble consideration p	aid to the	undersigned
7-1, N	lishi-Shinjuku 2-chome, Shinjuku-	ku, Taky	o 163-0722 Japan	<del></del>		
		- · · · · · · · · · · · · · · · · · · ·			····	
· ••						*
	many the analysis and the same of the same	·				
Title of h	er, "ASSIGNEE"), the reteipt of which is t EE the entire and exclusive right, title and it evention) RY CONTROLLER DEVICE, CO	nterest to th	e invention entitled			•
	RECEPTION DEVICE					
relating to executed o	o International Patent Application PCT/JP_ on even date herewith or, if not so executed	/ i, was:	and/or for which application	on for Latters Paleon c	of the Unit	ed States was
(a) exa	cuted on	;	(Insert date of execution of ag	plication, if not conc	urrens)	
	March 25, 2009				<del></del>	
Scrial N	12 411,085		Assignee's attorney is her data, when known.	eby authorized to ins	ert in (b) t	he specified
The As which the including reexamina acts to inc	d application and all Letters Patent(a) of the release or recurrination application based any extensions thereof (collectively, herein SSIGNOR, agree(a), when requested by said ABSIGNEE may deem necessary, desirable in the preparation and prosecution of said attent, or public use proceeding, and in any fitude but not be limited to executing all papitimeny, and obtaining and producing evident.	i thereon, foi neffer, "said: d ASSICINE e or respedie application or digation or d pers, includir nee,	the full turns or terms for which application(a) and Letters Patent E and without charge to but at it ast, for securing, maintaining an but the issuance of said Letter ther legal proceeding which may ng separate assignments and dac	the said Letters Pater (a)"). we expense of said AS d enforcing protection we patent(a), in any int state or be declared larations, taking all ri	SIGNEE, for said i	to do all acts nvantion, reissue,
IN WI	TNESS WHEREOF, the undersigned inven	ntor(s) has (?	seve) aftised his/her/their signat	urc(s).		
i) <u> </u>	Kilino Tokokua	Ak	ihiro TAKAKURA	March	.18.	2009
,	(Signature)		(Type Name)		(Date)	
2)	A ST.	S	hinichiro IKEDA	-	<del></del>	
÷)	(Signature)	٠	(Type Name)	.*	(Date)	
·	(Signature)		(Type Name)		(Date)	***
4) 	(Signature)		(Type Name)	-	(Dase)	<del></del>

PATENT REEL: 022469 FRAME: 0577

# U.S. ASSIGNMENT

(Insert Name(s) & Address(es) of ASSIGNEE(S))	Dollar (\$1.00), and of other good and value	ble consideration paid to the undersigne
FUJITSU MICROELECTRONICS I  7-1, Nishi-Shinjuku 2-chome, Shinjul		
- 2, 1 von omnjuku z-cnome, Smajur	cu-ku, iokyo 163-0722 Japan	
(hereinafter, "ASSIGNEE"), the receipt of which ASSIGNEE the entire and exclusive right, title an (Title of Invention) MEMORY CONTROLLER DEVICE,	id interest to the invention entitled	
DATA RECEPTION DEVICE		
	, ,	
relating to International Patent Application PCT/J executed on even date herewith or, if not so execu-	Pand/or for which application ated, was:	n for Letters Patent of the United States was
(a) executed on	; (Insert date of execution of ap	plication, if not concurrent)
(b) filed on March 25, 2009		·
Serial No. 12/411,085	Assignce's attorney is here data, when known.	eby authorized to insert in (b) the specified
·		
which the ASSIGNEE may deem necessary, desi including in the preparation and prosecution of a reexamination, or public use proceeding, and in ar acts to include but not be limited to executing all sworn testimony, and obtaining and producing ev	sed thereon, for the full term or terms for which reinafter, "said application(s) and Letters Patent said ASSIGNEE and without charge to but at the able or expedient, for securing, maintaining and id application(s) and the issuance of said Letter by litigation or other legal proceeding which may papers, including separate assignments and deci- idence.	the said Letters Patent(s) may be granted and (s)").  e expense of said ASSIGNEE, to do all acts of enforcing protection for said invention, so Patent(s), in any interference, reissue, arise or be declared in relation to same, such arations, taking all rightful oaths, providing
IN WITNESS WHEREOF, the undersigned in	ventor(s) has (have) affixed his/her/their signati	rre(s).
1)	Akihiro TAKAKURA	·
(Signature)	(Type Name)	(Date)
2) Shinishiro Ikeda	Shinichiro IKEDA	Max. 23. 2009
(Signature)	(Type Name)	(Date)
(Signature)	/The - 37.	
	(Type Name)	(Date)
(Signature)	(Type Name)	(Date)
( Digitalia e)	( 1 ype Name)	(Date)

PATENT REEL: 022469 FRAME: 0578

**RECORDED: 03/30/2009**