

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Akihiro TAKAKURA</td> <td>03/18/2009</td> </tr> <tr> <td>Shinichiro IKEDA</td> <td>03/23/2009</td> </tr> </tbody> </table>		Name	Execution Date	Akihiro TAKAKURA	03/18/2009	Shinichiro IKEDA	03/23/2009
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							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12411085</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12411085		
Property Type	Number						
Application Number:	12411085						
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Total Attachments: 2							
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source=100698_00148_USAssignment#page2.tif							

OP \$40.00 12411085

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 MICROELECTRONICS LIMITED

7-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0722 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest in the invention entitled

(Title of Invention)

MEMORY CONTROLLER DEVICE, CONTROL METHOD FOR MEMORY CONTROLLER DEVICE AND DATA RECEPTION DEVICE

relating to International Patent Application PCT/JP / _____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____

(Insert date of execution of application, if not concurrent)

(b) filed on March 25, 2009

Serial No. 12 411,085

Assignee's attorney is hereby authorized to insert in (b) the specified date, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u><i>Akihiro Takakura</i></u> <i>(Signature)</i>	<u>Akihiro TAKAKURA</u> <i>(Type Name)</i>	<u>March 18, 2009</u> <i>(Date)</i>
2) _____ <i>(Signature)</i>	<u>Shinichiro IKEDA</u> <i>(Type Name)</i>	_____ <i>(Date)</i>
3) _____ <i>(Signature)</i>	_____ <i>(Type Name)</i>	_____ <i>(Date)</i>
4) _____ <i>(Signature)</i>	_____ <i>(Type Name)</i>	_____ <i>(Date)</i>

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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1)	_____	Akihiro TAKAKURA	_____
	(Signature)	(Type Name)	(Date)
2)	<i>Shinichiro Ikeda</i>	Shinichiro IKEDA	<i>May. 23. 2009</i>
	(Signature)	(Type Name)	(Date)
3)	_____	_____	_____
	(Signature)	(Type Name)	(Date)
4)	_____	_____	_____
	(Signature)	(Type Name)	(Date)