

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hiroyuki KOBAYASHI	10/07/2009
Daisuke KITAYAMA	10/07/2009
RECEIVING PARTY DATA	
Name:	FUJITSU MICROELECTRONICS LIMITED
Street Address:	7-1, Nishi-Shinjuku 2-chome,
City:	Shinjuku-ku, Tokyo
State/Country:	JAPAN
Postal Code:	163-0722
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12684502
CORRESPONDENCE DATA	
Fax Number:	(202)857-6395
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	2028576000
Email:	dcipdocket@arentfox.com
Correspondent Name:	Arent Fox LLP
Address Line 1:	1050 Connecticut Ave, NW
Address Line 2:	Suite 400
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20036
ATTORNEY DOCKET NUMBER:	108397-00312
NAME OF SUBMITTER:	Charles M. Marmelstein
Total Attachments: 1 source=108397-00312_assignment#page1.tif	

OP \$40.00 12684502

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PATENT
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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 1630722 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 to the invention entitled
(Title of Invention)

SEMICONDUCTOR MEMORY AND SYSTEM

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 January 8, 2010

Serial No. 12 / 684,502

Assignee's attorney is hereby authorized to insert in (b) the specified data, 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>Hiroaki Kobayashi</u> (Signature)	Hiroaki Kobayashi (Type Name)	Oct 107 / 2009 (Date)
2) <u>Daisuke Kitayama</u> (Signature)	Daisuke Kitayama (Type Name)	Oct 107 / 2009 (Date)
3) _____ (Signature)	_____ (Type Name)	_____ (Date)
4) _____ (Signature)	_____ (Type Name)	_____ (Date)
5) _____ (Signature)	_____ (Type Name)	_____ (Date)