

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Satoshi TORII	03/10/2009
Kazuhiro MIZUTANI	03/11/2009
Toshio NOMURA	03/10/2009
Masayoshi ASANO	03/11/2009
Ikuto FUKUOKA	03/15/2009
Hiroshi MAWATARI	03/13/2009
Motoi TAKAHASHI	03/10/2009

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12411938

CORRESPONDENCE DATA

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PATENT

500823553

REEL: 022484 FRAME: 0003

OP \$40.00 12411938

NAME OF SUBMITTER:

Stephen G. Adrian

Total Attachments: 2

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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 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 to the invention entitled
(Title of Invention)

NONVOLATILE SEMICONDUCTOR MEMORY DEVICE

relating to International Patent Application PCT/JP 2006/319591 and International Patent Application PCT/JP 2007/068849 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 _____

Serial No. ____/____;

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>Satoshi Torii</u> (Signature)	<u>Satoshi Torii</u> (Type Name)	<u>March 10, 2009</u> (Date)
2) <u>Kazuhiro Mizutani</u> (Signature)	<u>Kazuhiro Mizutani</u> (Type Name)	<u>March 11, 2009</u> (Date)
3) <u>Toshio Nomura</u> (Signature)	<u>Toshio Nomura</u> (Type Name)	<u>March 10, 2009</u> (Date)
4) <u>Masayoshi Asano</u> (Signature)	<u>Masayoshi Asano</u> (Type Name)	<u>March 11, 2009</u> (Date)
5) <u>Ike 福岡 郁人</u> (Signature)	<u>Ikuto Fukuoka</u> (Type Name)	<u>March 15, 2009</u> (Date)

6)	<u>Hiroshi Mawatari</u> (Signature)	<u>Hiroshi Mawatari</u> (Type Name)	<u>March 13, 2009</u> (Date)
7)	<u>Motoi Takahashi</u> (Signature)	<u>Motoi Takahashi</u> (Type Name)	<u>March 10, 2009</u> (Date)