

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Isao FUKUSHI</td><td>02/24/2005</td></tr><tr><td>Keizo MORITA</td><td>02/24/2005</td></tr><tr><td>Shoichiro KAWASHIMA</td><td>02/24/2005</td></tr></tbody></table>		Name	Execution Date	Isao FUKUSHI	02/24/2005	Keizo MORITA	02/24/2005	Shoichiro KAWASHIMA	02/24/2005				
Name	Execution Date												
Isao FUKUSHI	02/24/2005												
Keizo MORITA	02/24/2005												
Shoichiro KAWASHIMA	02/24/2005												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>FUJITSU LIMITED</td></tr><tr><td>Street Address:</td><td>1-1, Kamikodanaka 4-chome, Nakahara-ku</td></tr><tr><td>Internal Address:</td><td>Kanagawa</td></tr><tr><td>City:</td><td>Kawasaki</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>211-8588</td></tr></table>		Name:	FUJITSU LIMITED	Street Address:	1-1, Kamikodanaka 4-chome, Nakahara-ku	Internal Address:	Kanagawa	City:	Kawasaki	State/Country:	JAPAN	Postal Code:	211-8588
Name:	FUJITSU LIMITED												
Street Address:	1-1, Kamikodanaka 4-chome, Nakahara-ku												
Internal Address:	Kanagawa												
City:	Kawasaki												
State/Country:	JAPAN												
Postal Code:	211-8588												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11790529</td></tr></tbody></table>		Property Type	Number	Application Number:	11790529								
Property Type	Number												
Application Number:	11790529												
CORRESPONDENCE DATA													
Fax Number: (202)638-4810 <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 Avenue, N.W.													
Address Line 2: Suite 400													
Address Line 4: Washington, DISTRICT OF COLUMBIA 20036-5339													
ATTORNEY DOCKET NUMBER:	108397-00243												
NAME OF SUBMITTER:	Juliana Haydoutova												
Total Attachments: 1													

OP \$40.00 11790529

500686901

PATENT
REEL: 021740 FRAME: 0025



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, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 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

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 August 11, 2004 _____;

Serial No. 10 / 915,350 _____;

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>Isao Fukushima</u> (Signature)	Isao Fukushima (Type Name)	<u>Feb. 24, 2005</u> (Date)
2) <u>Keizo Morita</u> (Signature)	Keizo Morita (Type Name)	<u>Feb. 24, 2005</u> (Date)
3) <u>Shoichiro Kawashima</u> (Signature)	Shoichiro Kawashima (Type Name)	<u>Feb. 24/2005</u> (Date)
4) _____ (Signature)	_____ (Type Name)	_____ (Date)
5) _____ (Signature)	_____ (Type Name)	_____ (Date)

PATENT

RECORDED: 10/27/2008

REEL: 021740 FRAME: 0027