

PATENT ASSIGNMENT

Electronic Version v1.1

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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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hajime EDA</td> <td>04/01/2010</td> </tr> <tr> <td>Yukiteru MATSUI</td> <td>04/01/2010</td> </tr> <tr> <td>Atsushi SHIGETA</td> <td>04/16/2010</td> </tr> <tr> <td>Takatoshi ONO</td> <td>04/08/2010</td> </tr> <tr> <td>Satoko SETA</td> <td>04/02/2010</td> </tr> </tbody> </table>		Name	Execution Date	Hajime EDA	04/01/2010	Yukiteru MATSUI	04/01/2010	Atsushi SHIGETA	04/16/2010	Takatoshi ONO	04/08/2010	Satoko SETA	04/02/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>KABUSHIKI KAISHA TOSHIBA</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Shibaura 1-chome, Minato-ku,</td> </tr> <tr> <td>City:</td> <td>Tokyo,</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>105-8001</td> </tr> </table>		Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, Shibaura 1-chome, Minato-ku,	City:	Tokyo,	State/Country:	JAPAN	Postal Code:	105-8001		
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CORRESPONDENCE DATA													
Fax Number: (202)408-4400 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 202-408-4000 Email: sopheareak.in@finnegan.com Correspondent Name: FINNEGAN, HENDERSON, FARABOW, GARRETT & Address Line 1: 901 NEW YORK AVENUE, NW Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20001-4413													
ATTORNEY DOCKET NUMBER:	08411.0187												
NAME OF SUBMITTER:	Sopheareak C. In												

OP \$40.00 12781393

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PATENT
REEL: 024395 FRAME: 0703

Total Attachments: 1
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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))

Kabushiki Kaisha Toshiba

1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 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)

METHOD OF MANUFACTURING SEMICONDUCTOR DEVEICE

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 May 17, 2010

Serial No. 12/781,393

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>Hajime EDA</u> (Signature)	<u>Hajime EDA</u> (Type Name)	<u>April 1, 2010</u> (Date)
2) <u>Yukiteru Matsui</u> (Signature)	<u>Yukiteru MATSUI</u> (Type Name)	<u>April 1, 2010</u> (Date)
3) <u>Atsushi Shigeta</u> (Signature)	<u>Atsushi SHIGETA</u> (Type Name)	<u>April 16, 2010</u> (Date)
4) <u>Takatoshi Ono</u> (Signature)	<u>Takatoshi ONO</u> (Type Name)	<u>April 8, 2010</u> (Date)
5) <u>Satoko Seta</u> (Signature)	<u>Satoko SETA</u> (Type Name)	<u>April 2, 2010</u> (Date)