

## PATENT ASSIGNMENT

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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>Yuki Nakamura</td><td>12/17/2009</td></tr><tr><td>Koji Shirai</td><td>12/17/2009</td></tr><tr><td>Hirofumi Nagano</td><td>12/17/2009</td></tr><tr><td>Jun Morioka</td><td>12/17/2009</td></tr><tr><td>Tsubasa Yamada</td><td>12/17/2009</td></tr><tr><td>Kazuaki Yamaura</td><td>12/17/2009</td></tr><tr><td>Yasunori Iwatsu</td><td>12/17/2009</td></tr></tbody></table>		Name	Execution Date	Yuki Nakamura	12/17/2009	Koji Shirai	12/17/2009	Hirofumi Nagano	12/17/2009	Jun Morioka	12/17/2009	Tsubasa Yamada	12/17/2009	Kazuaki Yamaura	12/17/2009	Yasunori Iwatsu	12/17/2009
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<table border="1"><tr><td>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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PATENT  
REEL: 023689 FRAME: 0981

OP \$40.00 12644734

NAME OF SUBMITTER:

Gregory Turocy

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)

SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME

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 December 22, 2009

Serial No. 12 / 644,734;

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>Yuki Nakamura</u> (Signature)	Yuki NAKAMURA (Type Name)	<u>December 17, 2009</u> (Date)
2) <u>Koji Shirai</u> (Signature)	Koji SHIRAI (Type Name)	<u>December 17, 2009</u> (Date)
3) <u>Hirofumi Nagano</u> (Signature)	Hirofumi NAGANO (Type Name)	<u>December 17, 2009</u> (Date)
4) <u>Jun Morioka</u> (Signature)	Jun MORIOKA (Type Name)	<u>December 17, 2009</u> (Date)
5) <u>Tsubasa Yamada</u> (Signature)	Tsubasa YAMADA (Type Name)	<u>December 17, 2009</u> (Date)
6) <u>Kazuaki Yamaura</u> (Signature)	Kazuaki YAMAURA (Type Name)	<u>December 17, 2009</u> (Date)
7) <u>Yasunori Iwatsu</u> (Signature)	Yasunori IWATSU (Type Name)	<u>December 17, 2009</u> (Date)

PATENT

RECORDED: 12/22/2009

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