

## 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>Masatoshi ARAI</td> <td>05/15/2013</td> </tr> <tr> <td>Takashi TABUCHI</td> <td>05/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Masatoshi ARAI	05/15/2013	Takashi TABUCHI	05/15/2013		
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Masatoshi ARAI	05/15/2013								
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RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>KABUSHIKI KAISHA TOSHIBA</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Shibaura 1-chome</td> </tr> <tr> <td>City:</td> <td>Minato-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, Shibaura 1-chome	City:	Minato-ku, Tokyo	State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1									
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CORRESPONDENCE DATA									
<p>Fax Number: 2123195101  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>          Phone: 2123194900          Email: akulkarni@hhpatent.com          Correspondent Name: HOLTZ, HOLTZ, GOODMAN &amp; CHICK PC          Address Line 1: 220 Fifth Avenue          Address Line 2: 16TH Floor          Address Line 4: NEW YORK, NEW YORK 10001-7708</p>									
ATTORNEY DOCKET NUMBER:	13436								
NAME OF SUBMITTER:	Amit Kulkarni								
Signature:	/ak/								
Date:	05/29/2013								
Total Attachments: 2 source=13436_Declaration_Assignment#page1.tif source=13436_Declaration_Assignment#page2.tif									

OP \$40.00 13904869

# Combined Declaration and Assignment

Title of Invention	SEMICONDUCTOR DEVICE	
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration is directed to: <input checked="" type="checkbox"/> The attached application, or</p> <p><input type="checkbox"/> United States application or PCT international application number _____ filed on _____.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>In consideration of value received, I sell and assign to <u>Kabushiki Kaisha Toshiba</u>, having a business address at <u>1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan</u>, its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention, and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of intellectual property, including rights of priority, resulting from the filing of any of said applications.</p> <p>I authorize said Assignee to file and prosecute an application or applications for patent for said invention as the applicant, and I request any official whose duty it is to issue patents, to issue any patent on said invention to said Assignee.</p> <p>I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p>		
LEGAL NAME OF INVENTOR		
Masatoshi ARAI	Masatoshi ARAI	May 15, 2013
Inventor	Signature	Date

Holtz, Holtz, Goodman & Chick PC  
 220 Fifth Avenue, 16th Floor, New York, NY 10001-7708  
 Tel. (212) 319-4900 Fax. (212) 319-5101

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<b>LEGAL NAME OF INVENTOR</b>		
<b>Takashi TABUCHI</b>	<i>Takashi TABUCHI</i>	<i>May 15, 2013</i>
Inventor	Signature	Date

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