

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Kenro NAKAMURA</td> <td>07/16/2013</td> </tr> <tr> <td>Mitsuyoshi ENDO</td> <td>07/16/2013</td> </tr> <tr> <td>Kazuyuki HIGASHI</td> <td>07/16/2013</td> </tr> <tr> <td>Takashi SHIRONO</td> <td>07/16/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kenro NAKAMURA	07/16/2013	Mitsuyoshi ENDO	07/16/2013	Kazuyuki HIGASHI	07/16/2013	Takashi SHIRONO	07/16/2013
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Mitsuyoshi ENDO	07/16/2013										
Kazuyuki HIGASHI	07/16/2013										
Takashi SHIRONO	07/16/2013										
RECEIVING PARTY DATA											
Name:	KABUSHIKI KAISHA TOSHIBA										
Street Address:	1-1, Shibaura 1-Chome										
City:	Minato-Ku, Tokyo										
State/Country:	JAPAN										
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>13954833</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13954833						
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Application Number:	13954833										
CORRESPONDENCE DATA											
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 & CHICK PC										
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Address Line 2:	16TH Floor										
Address Line 4:	NEW YORK, NEW YORK 10001-7708										
ATTORNEY DOCKET NUMBER:	13552										
NAME OF SUBMITTER:	Amit Kulkarni										
Signature:	/ak/										

Date:	07/30/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p><b>Total Attachments: 4</b> source=13552_Declaration_Assignment#page1.tif source=13552_Declaration_Assignment#page2.tif source=13552_Declaration_Assignment#page3.tif source=13552_Declaration_Assignment#page4.tif</p>	

<b>Combined Declaration and Assignment for Utility or Design Application</b>
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Title of Invention	SEMICONDUCTOR DEVICE MANUFACTURING METHOD AND MANUFACTURING APPARATUS	
<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 style="padding-left: 150px;"><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		
Kenro NAKAMURA	<i>Kenro Nakamura</i>	<i>July 16, 2013</i>
Inventor (printed name)	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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LEGAL NAME OF INVENTOR		
Mitsuyoshi ENDO	<i>Mitsuyoshi Endo</i>	<i>July 16, 2013</i>
Inventor (printed name)	Signature	Date

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As the below named inventor, I hereby declare that:

This declaration is directed to:  The attached application, or  
 United States application or PCT international application number \_\_\_\_\_ filed on \_\_\_\_\_.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

In consideration of value received, I sell and assign to KABUSHIKI KAISHA TOSHIBA, having a business address at 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, Japan, 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.

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.

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.

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.

LEGAL NAME OF INVENTOR		
Kazuyuki HIGASHI	<i>Kazuyuki Higashi</i>	<i>July 16, 2013</i>
Inventor (printed name)	Signature	Date

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LEGAL NAME OF INVENTOR		
Takashi SHIRONO	<i>Takashi Shirono</i>	<i>July 16, 2013</i>
Inventor (printed name)	Signature	Date

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