

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>Masafumi Onouchi</td> <td>05/31/2013</td> </tr> <tr> <td>Kazuo Otsuga</td> <td>06/09/2013</td> </tr> <tr> <td>Yasuto Igarashi</td> <td>04/23/2013</td> </tr> <tr> <td>Sadayuki Morita</td> <td>04/24/2013</td> </tr> <tr> <td>Koichiro Ishibashi</td> <td>04/21/2013</td> </tr> <tr> <td>Kazumasa Yanagisawa</td> <td>04/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	Masafumi Onouchi	05/31/2013	Kazuo Otsuga	06/09/2013	Yasuto Igarashi	04/23/2013	Sadayuki Morita	04/24/2013	Koichiro Ishibashi	04/21/2013	Kazumasa Yanagisawa	04/23/2013
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Renesas Electronics Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1753, Shimonumabe, Nakahara-ku, Kawasaki-shi</td> </tr> <tr> <td>City:</td> <td>Kanagawa</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Renesas Electronics Corporation	Street Address:	1753, Shimonumabe, Nakahara-ku, Kawasaki-shi	City:	Kanagawa	State/Country:	JAPAN						
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CORRESPONDENCE DATA															
<p>Fax Number: 2027568087 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-756-8000 Email: tjeffers@mwe.com Correspondent Name: MCDERMOTT WILL & EMERY LLP Address Line 1: The McDermott Building Address Line 2: 500 North Capitol Street, N.W. Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20001</p>															
ATTORNEY DOCKET NUMBER:	067237-0775														
NAME OF SUBMITTER:	Tara Jeffers														

CH \$40.00 13674766

Signature:	/Tara Jeffers/
Date:	06/28/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 8 source=dec_assignment#page1.tif source=dec_assignment#page2.tif source=dec_assignment#page3.tif source=dec_assignment#page4.tif source=dec_assignment#page5.tif source=dec_assignment#page6.tif source=dec_assignment#page7.tif source=dec_assignment#page8.tif	

R.110138

Docket No.:
Only After Sept 16, 2012

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, Renesas Electronics Corporation of Kanagawa, Japan, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 USC 119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

As the below named inventor, I hereby declare that:

This assignment with declaration is directed to: The attached application, or

 United States Application or PCT International Application Number 13/674766
filed on November 12, 2012.

The application is entitled:

SEMICONDUCTOR INTEGRATED CIRCUIT

The above identified application was made or was 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.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Authorization To Permit Access To Application by Participating Office

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

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Legal Name of Inventor Masafumi ONOUCHI

Inventor's Signature Masafumi Onouchi Date May 31, 2013

Legal Name of Additional Inventor, If Any Kazuo OTSUGA

Inventor's Signature _____ Date _____

Legal Name of Additional Inventor, If Any Yasuto IGARASHI

Inventor's Signature _____ Date _____

Legal Name of Additional Inventor, If Any Sadayuki MORITA

Inventor's Signature _____ Date _____

Legal Name of Additional Inventor, If Any Koichiro ISHIBASHI

Inventor's Signature _____ Date _____

Legal Name of Additional Inventor, If Any Kazumasa YANAGISAWA

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Legal Name of Inventor Masafumi ONOUCHI

Inventor's Signature _____ Date _____

Legal Name of Additional Inventor, If Any Kazuo OTSUGA

Inventor's Signature *Kazuo Otsuga* Date June 9, 2013

Legal Name of Additional Inventor, If Any Yasuto IGARASHI

Inventor's Signature _____ Date _____

Legal Name of Additional Inventor, If Any Sadayuki MORITA

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Legal Name of Additional Inventor, If Any Kazuo OTSUGA

Inventor's Signature _____ Date _____

Legal Name of Additional Inventor, If Any Yasuto IGARASHI

Inventor's Signature Yasuto Igarashi Date April 23, 2013

Legal Name of Additional Inventor, If Any Sadayuki MORITA

Inventor's Signature Sadayuki Morita Date April 24, 2013

Legal Name of Additional Inventor, If Any Koichiro ISHIBASHI

Inventor's Signature _____ Date _____

Legal Name of Additional Inventor, If Any Kazumasa YANAGISAWA

Inventor's Signature Kazumasa Yanagisawa Date April 23, 2013

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Legal Name of Additional Inventor, If Any Koichiro ISHIBASHI

Inventor's Signature Koichiro Ishibashi Date April 21, 2013

Legal Name of Additional Inventor, If Any Kazumasa YANAGISAWA

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