

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2683594

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>EIJI TSUKUDA</td> <td>12/17/2013</td> </tr> <tr> <td>KOZO KATAYAMA</td> <td>12/12/2013</td> </tr> <tr> <td>KENICHIRO SONDA</td> <td>12/17/2013</td> </tr> <tr> <td>TATSUYA KUNIKIYO</td> <td>12/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	EIJI TSUKUDA	12/17/2013	KOZO KATAYAMA	12/12/2013	KENICHIRO SONDA	12/17/2013	TATSUYA KUNIKIYO	12/17/2013
Name	Execution Date										
EIJI TSUKUDA	12/17/2013										
KOZO KATAYAMA	12/12/2013										
KENICHIRO SONDA	12/17/2013										
TATSUYA KUNIKIYO	12/17/2013										
RECEIVING PARTY DATA											
Name:	RENESAS ELECTRONICS CORPORATION										
Street Address:	1753 SHIMONUMABE, NAKAHARA-KU										
City:	KAWASAKI-SHI, KANAGAWA										
State/Country:	JAPAN										
Postal Code:	211-8668										
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>14155961</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14155961						
Property Type	Number										
Application Number:	14155961										
CORRESPONDENCE DATA											
Fax Number:											
Email:	sughrue@sughrue.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	SUGHRUE MION, PLLC										
Address Line 1:	2100 PENNSYLVANIA AVENUE NW, SUITE 800										
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20037										
ATTORNEY DOCKET NUMBER:	Q209200										
NAME OF SUBMITTER:	CCARTER@SUGHRUE.COM										
Signature:	/Christopher Carter/										
Date:	01/15/2014										

**Total Attachments: 4**

source=Q209200AssignmentwithDeclaration#page1.tif

source=Q209200AssignmentwithDeclaration#page2.tif

source=Q209200AssignmentwithDeclaration#page3.tif

source=Q209200AssignmentwithDeclaration#page4.tif

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  The attached application, or directed to:

United States Application or PCT International Application Number \_\_\_\_\_  
filed on \_\_\_\_\_

The application is entitled:

MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE

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.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

Legal Name of Inventor Eiji TSUKUDA

Inventor's Signature Eiji Tsukuda Date December 17, 2013

Legal Name of Additional Inventor, If Any Kozo KATAYAMA

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Legal Name of Additional Inventor, If Any Kenichiro SONODA

Inventor's Signature Kenichiro Sonoda Date Dec. 17, 2013

Legal Name of Additional Inventor, If Any Tatsuya KUNIKIYO

Inventor's Signature Tatsuya Kunikiyo Date Dec. 17, 2013

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  The attached application, or directed to:

United States Application or PCT International Application Number \_\_\_\_\_  
filed on \_\_\_\_\_.

The application is entitled:

MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE

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.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

Legal Name of Inventor Eiji TSUKUDA

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Legal Name of Additional Inventor, If Any Kozo KATAYAMA

Inventor's Signature Kozo Katayama Date December 12, 2013

Legal Name of Additional Inventor, If Any Kenichiro SONODA

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Legal Name of Additional Inventor, If Any Tatsuya KUNIKIYO

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_