

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AKIHIRO SHIMOMURA	02/17/2014
YUTAKA AKIYAMA	02/17/2014
SAYA SHIMOMURA	02/17/2014
YASUTAKA NAKASHIBA	02/17/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RENESAS ELECTRONICS CORPORATION
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<b>City:</b>	KAWASAKI-SHI, KANAGAWA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	211-8668
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14204145
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
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<b>NAME OF SUBMITTER:</b>	DARRYL HUNTER, NEW APPS SPECIALIST
<b>SIGNATURE:</b>	/Darryl Hunter/
<b>DATE SIGNED:</b>	03/11/2014
<b>Total Attachments: 1</b>	
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## Assignment

Whereas, I/We, Akihiro SHIMOMURA, Yutaka AKIYAMA, Saya SHIMOMURA and Yasutaka NAKASHIBA of Kanagawa, Japan hereinafter called assignor(s), have invented certain improvements in

SEMICONDUCTOR DEVICE

and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, Renesas Electronics Corporation,  
1753, Shimonumabe, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8668, 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 the right to claim priority under 35 U.S.C. §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.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 14/204,145 and Confirmation number 4810, filed March 11, 2014) the application number and filing date of said application when known.

Date: February 17,  
2014 Akihiro Shimomura  
\_\_\_\_\_  
s/ Akihiro SHIMOMURA

Date: February 17,  
2014 Yutaka Akiyama  
\_\_\_\_\_  
s/ Yutaka AKIYAMA

Date: February 17,  
2014 Saya Shimomura  
\_\_\_\_\_  
s/ Saya SHIMOMURA

Date: February 17,  
2014 Yasutaka Nakashiba  
\_\_\_\_\_  
s/ Yasutaka NAKASHIBA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)