

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3092377

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHIEN CHO	10/17/2014
TAKAHIRO HARA	10/17/2014
KENICHI ITO	10/17/2014
<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:	14531462
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	Q215351
<b>NAME OF SUBMITTER:</b>	DARRYL M. HUNTER
<b>SIGNATURE:</b>	/Darryl M. Hunter/
<b>DATE SIGNED:</b>	11/03/2014
<b>Total Attachments: 1</b>	
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## Assignment

Whereas, I/We, Shien CHO of Kanagawa, Japan. Takahiro HARA and Kenichi ITO both of Ibaraki, Japan hereinafter called assignor(s), have invented certain improvements in

INSPECTION METHOD AND METHOD OF  
MANUFACTURING 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 14/531,462 and Confirmation number 8695, filed November 3, 2014) the application number and filing date of said application when known.

Date: October 17, 2014 Shien CHO  
\_\_\_\_\_  
s/ Shien CHO

Date: October 17, 2014 Takahiro Hara  
\_\_\_\_\_  
s/ Takahiro HARA

Date: October 17, 2014 Kenichi Ito  
\_\_\_\_\_  
s/ Kenichi ITO

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