

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ryuichi OIKAWA	01/21/2011
RECEIVING PARTY DATA	
Name:	Renesas Electronics Corporation
Street Address:	1753, Shimonumabe, Nakahara-ku, Kawasaki-shi
City:	Kanagawa
State/Country:	JAPAN
Postal Code:	211-8668
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13015324
CORRESPONDENCE DATA	
Fax Number:	(202)293-7860
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	2022937060
Email:	bgalvez@SUGHRUE.COM
Correspondent Name:	SUGHRUE MION, PLLC
Address Line 1:	2100 PENNSYLVANIA AVE, N.W.
Address Line 2:	SUITE 800
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20037
ATTORNEY DOCKET NUMBER:	Q122849
NAME OF SUBMITTER:	Byron F. Galvez, New Apps. Specialist
Total Attachments: 1 source=ASSIGNMENT_AS_FILED#page1.tif	

OP \$40.00 13015324

Assignment

Whereas, I/We, Ryuichi OIKAWA of
Kanagawa, Japan

hereinafter called assignor(s), have invented certain improvements in

INTERCONNECTION STRUCTURE

and executed an application for Letters Patent of the United States of America therefor on
January 21 20 11 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 Commissioner of Patents 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 my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application
number 13/015,324, filed 2411) the filing date and application
number of said application when known.

Date: January 21, 2011 s/ Ryuichi Oikawa
Ryuichi OIKAWA

Date: s/ _____

Date: s/ _____

Witness: Date: s/ _____

Date: s/ _____

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