

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YASUHIRO TAKATA	09/24/2013
RECEIVING PARTY DATA	
Name:	RENESAS ELECTRONICS CORPORATION
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14113612
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ATTORNEY DOCKET NUMBER:	Q207468
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Signature:	/Alexander E. Auerbach/
Date:	10/24/2013
Total Attachments: 1 source=Q207468AssignmentFiled#page1.tif	

OP \$40.00 14113612

Assignment

Whereas, I/We, Yasuhiro TAKATA of Kanagawa, Japan
hereinafter called assignor(s), have invented certain improvements in
**PFC SIGNAL GENERATION CIRCUIT, PFC CONTROL SYSTEM USING THE SAME,
AND PFC CONTROL METHOD**

and executed an application for Letters Patent of the United States of America therefor on
September 24, 2013; and

Whereas, c/o 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 14/113,612 and Confirmation number
9032, filed October 24, 2013) the application
number and filing date of said application when known.

September 24, 2013

Date:

Yasuhiro Takata

s/ Yasuhiro TAKATA

Date:

s/

Date:

s/

Date:

s/

Date:

s/

Date:

s/

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