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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHUNICHI KAERIYAMA	11/05/2013
KOUICHI YAMAGUCHI	11/05/2013
KOICHI NOSE	11/05/2013

RECEIVING PARTY DATA

Name:	RENESAS ELECTRONICS CORPORATION	
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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14117760	

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ATTORNEY DOCKET NUMBER:	HIB-8965
NAME OF SUBMITTER:	SHRINATH MALUR
Signature:	/SHRINATH MALUR/
Date:	11/14/2013

Total Attachments: 1

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PATENT REEL: 031604 FRAME: 0307 H \$40.00 1411

ASSIGNMENT

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me, a citizen of Japan by Renesas Electronics Corporation, a corporation organized under the laws of Japan,

located at 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Renesas Electronics Corporation, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to application serial no. ___14/117,760__, filed November 14, 2013, and entitled:

APPLICATION TITLE

RECEIVING CIRCUIT AND SIGNAL RECEIVING METHOD

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted,

to be held and enjoyed by said Renesas Electronics Corporation,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

Whereby, I hereby grant the law firm of MATTINGLY & MALUR, P.C., the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document, including inserting the application serial number and filing date when known.

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Renesas Electronics Corporation.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)		Date Signed	
1)	Shunishi Laerugamo	November 5, 2013	
	Shunichi KAERIYAMA		
2)	Korel Jan 1 Kouichi YAMAGUCHI	November 5, 2013	
3)	Kordn' Mose	November 5, 2013	
a 1	Koichi NOSE		
4)			
5)			

PATENT REEL: 031604 FRAME: 0308

RECORDED: 11/14/2013