

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yusaku KATSUBE</td> <td>01/10/2012</td> </tr> <tr> <td>Kosuke TSUIJI</td> <td>01/19/2012</td> </tr> <tr> <td>Yutaka IGARASHI</td> <td>01/10/2012</td> </tr> <tr> <td>Akio YAMAMOTO</td> <td>01/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yusaku KATSUBE	01/10/2012	Kosuke TSUIJI	01/19/2012	Yutaka IGARASHI	01/10/2012	Akio YAMAMOTO	01/10/2012
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RECEIVING PARTY DATA											
Name:	RENESAS ELECTRONICS CORPORATION										
Street Address:	1753, Shimonumabe, Nakahara-ku										
City:	Kawasaki-shi, Kanagawa										
State/Country:	JAPAN										
Postal Code:	211-8668										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13357664</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13357664						
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Application Number:	13357664										
CORRESPONDENCE DATA											
Fax Number:	(703)684-1157										
Phone:	703-684-1120										
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
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ATTORNEY DOCKET NUMBER:	REN-8214										
NAME OF SUBMITTER:	John R. Mattingly										
Total Attachments: 1 source=REN-8214-Assignment#page1.tif											

CH \$40.00 13357664

ASSIGNMENT
(譲渡証)

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 citizen of Japan by Renesas Electronics Corporation, a corporation organized under the laws of Japan, located at 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa, 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

SEMICONDUCTOR INTEGRATED CIRCUIT AND OPERATION METHOD OF THE SAME

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 the 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;

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 our signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Yusaku Katsube</u> Yusaku KATSUBE	<u>Jan 10, 2012</u>
2) <u>Kosuke Tsuiji</u> <small>re. Jan 10, 2012</small> Yutaka Igarashi Kosuke TSUIJI	<u>Jan 19, 2012</u> Jan 10, 2012 <small>re. Jan 10, 2012</small>
3) <u>Yutaka Igarashi</u> Yutaka IGARASHI	<u>Jan 10, 2012</u>
4) <u>Akio Yamamoto</u> Akio YAMAMOTO	<u>Jan 10, 2012</u>
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____

PATENT