

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Takayasu NORIMATSU	07/21/2010
Taizo YAMAWAKI	07/21/2010
Yukinori AKAMINE	07/23/2010
Koji MAEDA	07/26/2010
<b>RECEIVING PARTY DATA</b>	
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<b>City:</b>	Kanagawa
<b>State/Country:</b>	JAPAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12854216
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**PATENT**  
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# 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

## TRANSMITTER AND SEMICONDUCTOR INTEGRATED CIRCUIT AVAILABLE FOR IT

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 signatures:

	INVENTOR(S) ( 発明者フルネームサイン )	Date Signed ( 署名日 )
1)	<u>Takayasu Norimatsu</u> (Takayasu NORIMATSU)	<u>7/21/2010</u>
2)	<u>Taizo Yamawaki</u> (Taizo YAMAWAKI)	<u>7/21/2010</u>
3)	<u>Yukinori Akamine</u> (Yukinori AKAMINE)	<u>7/23/2010</u>
4)	<u>Koji Maeda</u> (Koji MAEDA)	<u>7/26/2010</u>
5)	_____	_____
6)	_____	_____
7)	_____	_____
8)	_____	_____