

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>Ken NAGANUMA</td> <td>06/19/2012</td> </tr> <tr> <td>Toru OWADA</td> <td>06/22/2012</td> </tr> <tr> <td>Eriko ANDO</td> <td>06/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ken NAGANUMA	06/19/2012	Toru OWADA	06/22/2012	Eriko ANDO	06/19/2012
Name	Execution Date								
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Toru OWADA	06/22/2012								
Eriko ANDO	06/19/2012								
RECEIVING PARTY DATA									
Name:	RENESAS ELECTRONICS CORPORATION								
Street Address:	1753, Shimonumabe, Nakahara-ku								
City:	Kawasaki-shi, Kanagawa								
State/Country:	JAPAN								
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>13580564</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13580564				
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Application Number:	13580564								
CORRESPONDENCE DATA									
Fax Number:	7036841157								
Phone:	703-684-1120								
Email:	csam@mmpiaw.com								
<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:	TAM-8476								
NAME OF SUBMITTER:	JOHN R. MATTINGLY								
Total Attachments: 1 source=8476-Assign#page1.tif									

CH \$40.00 13580564

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

WIRELESS COMMUNICATIONS DEVICE AND AUTHENTICATION PROCESSING 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 owner-ship 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>Ken Naganuma</u> (Ken NAGANUMA)	<u>June 19, 2012</u>
2)	<u>Toru Owada</u> (Toru OWADA)	<u>June 22, 2012</u>
3)	<u>Eriko Ando</u> (Eriko ANDO)	<u>June 19, 2012</u>
4)	_____	_____
5)	_____	_____
6)	_____	_____
7)	_____	_____
8)	_____	_____