

## 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>Takahiro SASAKI</td> <td>11/08/2012</td> </tr> <tr> <td>Motoya IWASAKI</td> <td>11/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Takahiro SASAKI	11/08/2012	Motoya IWASAKI	11/08/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>NEC Corporation</td> </tr> <tr> <td>Street Address:</td> <td>7-1, Shiba 5-chome, Minato-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>108-8001</td> </tr> </table>		Name:	NEC Corporation	Street Address:	7-1, Shiba 5-chome, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	108-8001
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 2022937860  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-293-7060        Email: sughrue@sughrue.com, bgalvez@sughrue.com        Correspondent Name: SUGHRUE MION, PLLC        Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.        Address Line 2: SUITE 800        Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037</p>											
ATTORNEY DOCKET NUMBER:	Q143668										
NAME OF SUBMITTER:	Byron F. Galvez, New Apps Spec										
Total Attachments: 1 source=Q143668_ASSIGNMENT_AS_FILED#page1.tif											

OP \$40.00 13702442

## Assignment

Whereas, I/We, Takahiro SASAKI and Motoya IWASAKI, both of  
Tokyo, Japan  
hereinafter called assignor(s), have invented certain improvements in  
Communication Apparatus and Resource Derivation Method

and executed an application for Letters Patent of the United States of America therefor on  
November 8, 2012; and

Whereas,

NEC Corporation

7-1, Shiba 5-chome, Minato-ku,

Tokyo 108-8001 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 – 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 13/702,442 and Confirmation number 1620, filed December 6, 2012) the filing date and application number of said application when known.

Date: November 8, 2012

s/

Takahiro SASAKI

Date: November 8, 2012

s/

Motoya IWASAKI

Date:

s/

Date:

s/

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

Witness:

[Signature]  
[Signature]