

## 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>Koji OKABE</td> <td>07/17/2012</td> </tr> <tr> <td>Ken HANAZAWA</td> <td>07/17/2012</td> </tr> <tr> <td>Seiya OSADA</td> <td>07/17/2012</td> </tr> <tr> <td>Takayuki ARAKAWA</td> <td>07/17/2012</td> </tr> <tr> <td>Daisuke TANAKA</td> <td>07/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Koji OKABE	07/17/2012	Ken HANAZAWA	07/17/2012	Seiya OSADA	07/17/2012	Takayuki ARAKAWA	07/17/2012	Daisuke TANAKA	07/17/2012
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RECEIVING PARTY DATA													
Name:	NEC Corporation												
Street Address:	7-1, Shiba 5-chome, Minato-ku												
City:	Tokyo												
State/Country:	JAPAN												
Postal Code:	108-8001												
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>13520728</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13520728								
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Application Number:	13520728												
CORRESPONDENCE DATA													
Fax Number:	2022937860												
Phone:	202-293-7060												
Email:	ecoimin@sughrue.com, sughrue@sughrue.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	SUGHRUE MION, PLLC												
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Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20037												
ATTORNEY DOCKET NUMBER:	Q141017												
NAME OF SUBMITTER:	Elda M. Coimin, New Apps. Specialist												
Total Attachments: 2 source=Q141017_ASSIGNMENT_AS_FILED#page1.tif source=Q141017_ASSIGNMENT_AS_FILED#page2.tif													

OP \$40.00 13520728

## Assignment

Whereas, I/We, Koji OKABE, Ken HANAZAWA, Seiya OSADA, Takayuki ARAKAWA, and Daisuke TANAKA all of Tokyo, Japan hereinafter called assignor(s), have invented certain improvements in DATA PROCESSING DEVICE, COMPUTER PROGRAM THEREFOR AND DATA PROCESSING METHOD and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; 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 of the 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 13/520,728 and Confirmation number 5208, filed July 5, 2012) the application number and filing date of said application when known.

Date: July 17, 2012 Koji Okabe   
s/ Koji OKABE

Date: July 17, 2012 Ken Hanazawa   
s/ Ken HANAZAWA

Date: July 17, 2012 Seiya Osada   
s/ Seiya OSADA

Date: July 17, 2012 Takayuki Arakawa   
s/ Takayuki ARAKAWA

Date: July 17, 2012 Daisuke Tanaka   
s/ Daisuke TANAKA

Witness(es):

Date: July 17, 2012  
s/

Arvato Kiman

Date: July 17, 2012  
s/

[Signature]

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