

## 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>Michal KACZMARCZYK</td> <td>05/28/2013</td> </tr> <tr> <td>Marcin BARCZYNSKI</td> <td>04/02/2013</td> </tr> <tr> <td>Wojciech KILIAN</td> <td>03/28/2013</td> </tr> <tr> <td>Cezary DUBNICKI</td> <td>05/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	Michal KACZMARCZYK	05/28/2013	Marcin BARCZYNSKI	04/02/2013	Wojciech KILIAN	03/28/2013	Cezary DUBNICKI	05/28/2013
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<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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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: dhunter@sughrue.com, sughrue@sughrue.com        Correspondent Name: Sughrue Mion, PLLC        Address Line 1: 2100 Pennsylvania Avenue NW        Address Line 4: Washington, DISTRICT OF COLUMBIA 20037</p>											
ATTORNEY DOCKET NUMBER:	Q201905										
NAME OF SUBMITTER:	Darryl Hunter, New Apps Specialist										
Signature:	/Darryl Hunter/										

Date:

08/23/2013

Total Attachments: 2

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## Assignment

Whereas, We, Michal KACZMARCZYK of Warsaw, Poland; Marcin BARCZYNSKI of Warsaw, Poland; Wojciech KILIAN of Warsaw, Poland and Cezary DUBNICKI of Warsaw, Poland, respectively, hereinafter called assignors, have invented certain improvements in STORAGE SYSTEM and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, NEC CORPORATION of 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,

We, the above named assignors, 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 all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, 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 we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

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 13/822,073 and Confirmation number 7969, filed March 11, 2013) the application number, confirmation number and filing date of said application when known.

Date: 28/03/2013 Michal Kaczmarczyk  
s/ Michal KACZMARCZYK

Date: 02/04/2013 Marcin Barczyk  
s/ Marcin BARCZYNSKI

Date: 28/03/2013 Wojciech Kilian  
s/ Wojciech KILIAN

Date: 28/3/2013 Cezary Dubnicki  
s/ Cezary DUBNICKI

Date:

s/

Date:

s/

Date:

s/

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