

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>Takayuki FURUTA</td> <td>01/06/2012</td> </tr> <tr> <td>Atsushi FUKUDA</td> <td>01/06/2012</td> </tr> <tr> <td>Hiroshi OKAZAKI</td> <td>01/06/2012</td> </tr> <tr> <td>Shoichi NARAHASHI</td> <td>01/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Takayuki FURUTA	01/06/2012	Atsushi FUKUDA	01/06/2012	Hiroshi OKAZAKI	01/06/2012	Shoichi NARAHASHI	01/06/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>NTT DOCOMO, INC.</td> </tr> <tr> <td>Street Address:</td> <td>11-1, Nagata-cho 2-chome, Chiyoda-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>100-6150</td> </tr> </table>		Name:	NTT DOCOMO, INC.	Street Address:	11-1, Nagata-cho 2-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-6150
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Application Number:	13337683										
CORRESPONDENCE DATA											
<p>Fax Number: (703)413-2220 Phone: (703) 413-3000 Email: bpalmer@oblon.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314</p>											
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NAME OF SUBMITTER:	Brian Palmer										
<p>Total Attachments: 2 source=391839USASSN#page1.tif source=391839USASSN#page2.tif</p>											

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or their representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Jan. 6th 2012 Takayuki FURUTA
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Date: Jan. 6th 2012 Atsushi Fukuda
(Signature of Inventor) Atsushi FUKUDA

Date: Jan 6th, 2012 Hiroshi Okazaki
(Signature of Inventor) Hiroshi OKAZAKI

Date: Jun. 6th, 2012 Shoichi Narahashi
(Signature of Inventor) Shoichi NARAHASHI

Date: _____
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