

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 70%;">Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Erika SAITO</td><td>03/17/2011</td></tr><tr><td>Hideyuki SUZUKI</td><td>03/17/2011</td></tr><tr><td>Yuichi KAGEYAMA</td><td>03/17/2011</td></tr><tr><td>Masanori SATO</td><td>03/17/2011</td></tr></tbody></table>		Name	Execution Date	Erika SAITO	03/17/2011	Hideyuki SUZUKI	03/17/2011	Yuichi KAGEYAMA	03/17/2011	Masanori SATO	03/17/2011
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Yuichi KAGEYAMA	03/17/2011										
Masanori SATO	03/17/2011										
RECEIVING PARTY DATA											
Name:	SONY CORPORATION										
Street Address:	1-7-1 Konan, Minato-ku										
City:	Tokyo										
State/Country:	Japan										
Postal Code:	108-0075										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 30%;">Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13071717</td></tr></tbody></table>		Property Type	Number	Application Number:	13071717						
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Application Number:	13071717										
CORRESPONDENCE DATA											
Fax Number:	(703)413-2220										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(703) 413-3000										
Email:	jrainwater@oblon.com										
Correspondent Name:	Oblon, Spivak, et al.										
Address Line 1:	1940 Duke Street										
Address Line 4:	Alexandria, VIRGINIA 22314										
ATTORNEY DOCKET NUMBER:	374789US8										
NAME OF SUBMITTER:	Jason Rainwater										
Total Attachments: 2 source=374789USAssignment#page1.tif source=374789USAssignment#page2.tif											

OP \$40.00 13071717

ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in
WIRELESS COMMUNICATION DEVICE, WIRELESS COMMUNICATION METHOD, PROGRAM, AND WIRELESS COMMUNICATION SYSTEM
for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address:

AND WHEREAS, **SONY CORPORATION**, a Japanese corporation, with offices at **1-7-1 Konan, Minato-ku, Tokyo, Japan** (hereinafter referred to as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries:

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto:

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto:

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense:

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto:

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: _____, Filing Date: _____.

This assignment executed on the dates indicated below.

ERIKA SAITO Name of first or sole inventor TOKYO JAPAN Residence of First or sole inventor	<u>March 17, 2011</u> Execution date of U.S. Patent Application
<u>Erika Saito</u> Signature of first or sole inventor	<u>March 17, 2011</u> Date of this assignment
HIDEYUKI SUZUKI Name of second inventor TOKYO JAPAN Residence of second inventor	<u>Mar 17, 2011</u> Execution date of U.S. Patent Application
<u>Hideyuki Suzuki</u> Signature of second inventor	<u>Mar 17, 2011</u> Date of this assignment
YUICHI KAGEYAMA Name of third inventor TOKYO JAPAN Residence of third inventor	<u>Mar 17, 2011</u> Execution date of U.S. Patent Application
<u>Yuchi Kageyama</u> Signature of third inventor	<u>Mar 17, 2011</u> Date of this assignment

ADDITIONAL INVENTOR(S)

MASANORI SATO	
_____ Name of fourth inventor	<u>March 17, 2011</u> _____ Execution date of U.S. Patent Application
TOKYO JAPAN	
_____ Residence of fourth inventor	
<u>Masanori Sato</u> _____ Signature of fourth inventor	<u>March 17, 2011</u> _____ Date of this assignment
_____ Name of fifth inventor	_____ Execution date of U.S. Patent Application
_____ Residence of fifth inventor	
_____ Signature of fifth inventor	_____ Date of this assignment
_____ Name of sixth inventor	_____ Execution date of U.S. Patent Application
_____ Residence of sixth inventor	
_____ Signature of sixth inventor	_____ Date of this assignment
_____ Name of seventh inventor	_____ Execution date of U.S. Patent Application
_____ Residence of seventh inventor	
_____ Signature of seventh inventor	_____ Date of this assignment
_____ Name of eighth inventor	_____ Execution date of U.S. Patent Application
_____ Residence of eighth inventor	
_____ Signature of eighth inventor	_____ Date of this assignment
_____ Name of ninth inventor	_____ Execution date of U.S. Patent Application
_____ Residence of ninth inventor	
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