

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>Takafumi SAKAMOTO</td><td>10/09/2008</td></tr><tr><td>Kiyoshi TOSHIMITSU</td><td>10/09/2008</td></tr><tr><td>Toshiyuki UMEDA</td><td>10/09/2008</td></tr><tr><td>Shoji OTAKA</td><td>10/10/2008</td></tr><tr><td>Keisuke MERA</td><td>10/09/2008</td></tr></tbody></table>	Name	Execution Date	Takafumi SAKAMOTO	10/09/2008	Kiyoshi TOSHIMITSU	10/09/2008	Toshiyuki UMEDA	10/09/2008	Shoji OTAKA	10/10/2008	Keisuke MERA	10/09/2008	
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RECEIVING PARTY DATA													
Name:	KABUSHIKI KAISHA TOSHIBA												
Street Address:	1-1, Shibaura 1-chome, Minato-Ku												
City:	Tokyo												
State/Country:	Japan												
Postal Code:	105-8001												
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>12263070</td></tr></tbody></table>	Property Type	Number	Application Number:	12263070									
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Application Number:	12263070												
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: krouse@oblon.com													
Correspondent Name: Oblon, Spivak, et al.													
Address Line 1: 1940 Duke Street													
Address Line 4: Alexandria, VIRGINIA 22314													
ATTORNEY DOCKET NUMBER:	328700USRDCIP												
NAME OF SUBMITTER:	Kim K. Rouse												

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Total Attachments: 2

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PATENT

REEL: 021776 FRAME: 0951

328700US2RD CIP

Assignment of Application

WHEREAS, I (WE) (1) Takafumi SAKAMOTO of Machida-shi, Tokyo, Japan

(2) Kiyoshi TOSHIMITSU of Shibuya-ku, Tokyo, Japan

(3) Toshiyuki UMEDA of Inagi-shi, Tokyo, Japan

(4) Shoji OTAKA of Yokohama-shi, Kanagawa-ken, Japan

(5) Keisuke MERA of Kawasaki-shi, Kanagawa-ken, Japan

_____, respectively,

have invented certain new and useful improvements in: WIRELESS COMMUNICATION DEVICE, WIRELESS COMMUNICATION METHOD, AND WIRELESS COMMUNICATION SYSTEM

(Application No. 12/263,070 , filed October 31, 2008), and

WHEREAS, KABUSHIKI KAISHA TOSHIBA

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

12/04

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) 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 ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) 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, P.C. 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: 9/ October / 2008

Takafumi Sakamoto

(Signature of Inventor) Takafumi SAKAMOTO

Date: 9/ Oct. / 2008

Kiyoshi Toshimitsu

(Signature of Inventor) Kiyoshi TOSHIMITSU

Date: 9/ Oct. / 2008

Toshiyuki Umada

(Signature of Inventor) Toshiyuki UMEDA

Date: 10/ Oct. / 2008

Shoji Otaka

(Signature of Inventor) Shoji OTAKA

Date: 9/ Oct. / 2008

Keisuke Mera

(Signature of Inventor) Keisuke MERA

Date: _____

(Signature of Inventor) _____

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314