

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Osamu OTAKA</td><td>10/10/2006</td></tr><tr><td>Hideyuki IKEDA</td><td>10/17/2006</td></tr></tbody></table>	Name	Execution Date	Osamu OTAKA	10/10/2006	Hideyuki IKEDA	10/17/2006	
Name	Execution Date						
Osamu OTAKA	10/10/2006						
Hideyuki IKEDA	10/17/2006						
RECEIVING PARTY DATA							
Name:	VODAFONE K.K.						
Street Address:	9-1, Higashi-shimbashi 1-chome						
City:	Minato-ku, TOKYO						
State/Country:	JAPAN						
Postal Code:	105-7317						
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>11578395</td></tr></tbody></table>	Property Type	Number	Application Number:	11578395			
Property Type	Number						
Application Number:	11578395						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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Correspondent Name:	Muirhead and Saturnelli, LLC						
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Address Line 4:	Westborough, MASSACHUSETTS 01581						
ATTORNEY DOCKET NUMBER:	VPM-00801						
NAME OF SUBMITTER:	Donald W. Muirhead						
Total Attachments: 1 source=VPM-00801, Executed Assignment#page1.tif							

OP \$40.00 11578395

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PATENT
REEL: 019518 FRAME: 0450

ASSIGNMENT

WHEREAS, each of the undersigned has developed certain inventions described in a U.S. patent application entitled: "MOBILE COMMUNICATION TERMINAL"

- () executed on even date herewith;
() executed on _____;
() now U.S. Patent Application No. _____ filed on _____;
(X) now PCT International Application No. PCT/JP2005/005199 filed on March 23, 2005;

and has full right to convey their entire interest both legal and equitable in and to said inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, Vodafone K.K. ("ASSIGNEE"), a corporation having offices at 9-1, Higashi-shimbashi 1-chome, Minato-ku, Tokyo 105-7317 Japan, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

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 by each of the undersigned, each of the undersigned hereby sells, assigns, transfers and sets over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, and all applications resulting therefrom, including any and all divisionals, continuations, continuations-in-part, substitute applications, and reissues or extensions thereof; and all resulting patents;

AND, each of the undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns; each of the undersigned agrees that the attorney of record shall hereinafter act on behalf of said ASSIGNEE;

AND, each of the undersigned further agrees, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; to testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally to do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country;

Each of the undersigned hereby authorizes Muirhead and Saturnelli, LLC, 200 Friberg Parkway, Suite 1001, Westborough, MA 01581 to insert hereon any further identification information necessary or desirable for recordation of this document.

Inventor(s)

Date Signed

1. Osamu Otake

10, Oct, 2006

Name: Osamu OTAKA

2. Hideyuki Ikeda

17, Oct, 2006

Name: Hideyuki IKEDA

3. _____

Name:

() Additional inventors are being named on a separate sheet attached hereto

PATENT

RECORDED: 07/05/2007

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