

## 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>Eiji Ikeda</td><td>10/28/2004</td></tr><tr><td>Tomonori Kumagai</td><td>10/28/2004</td></tr><tr><td>Tetsuo Tomita</td><td>10/29/2004</td></tr><tr><td>Kazunari Kobayashi</td><td>10/28/2004</td></tr></tbody></table>		Name	Execution Date	Eiji Ikeda	10/28/2004	Tomonori Kumagai	10/28/2004	Tetsuo Tomita	10/29/2004	Kazunari Kobayashi	10/28/2004
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Tomonori Kumagai	10/28/2004										
Tetsuo Tomita	10/29/2004										
Kazunari Kobayashi	10/28/2004										
RECEIVING PARTY DATA											
Name:	Fujitsu Limited										
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City:	Kanagawa										
State/Country:	JAPAN										
Postal Code:	211-8588										
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>10999206</td></tr></tbody></table>		Property Type	Number	Application Number:	10999206						
Property Type	Number										
Application Number:	10999206										
CORRESPONDENCE DATA											
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Total Attachments: 2 source=FUJH 21.551#page1.tif source=FUJH 21.551#page2.tif											

CH \$40.00 10999206

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PATENT  
REEL: 015658 FRAME: 0035

# ASSIGNMENT

WHEREAS, the below named inventors, ASSIGNOR, has made a certain new and useful invention in: MOBILE COMMUNICATION SYSTEM USING A DOWNLINK SHARED CHANNEL

for which

(check one) ☐ an application is being filed concurrently herewith,  
☒ an application for a Patent of the United States was filed on 11/24/2004  
 and given Application Serial No. 10/999,206

and WHEREAS, FUJITSU LIMITED, having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan, ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith; and

ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full name of sole or first inventor Eiji IKEDA  
 Inventor's Signature Eiji Ikeda Date Oct. 28, 2004  
 Residence Kawasaki, Japan Citizenship Japan  
 Post Office Address c/o FUJITSU LIMITED  
1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588, Japan

Full name of second joint inventor, if any Tomonori KUMAGAI  
 Second Inventor's Signature Tomonori Kumagai Date Oct. 28, 2004  
 Residence Kawasaki, Japan Citizenship Japan  
 Post Office Address c/o FUJITSU LIMITED  
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Full name of third joint inventor, if any Tetsuo TOMITA  
 Third Inventor's Signature Tetsuo Tomita Date Oct. 29, 2004  
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**PATENT**

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Docket No. \_\_\_\_\_

Full name of fourth joint inventor, if any Kazunari KOBAYASHI  
Fourth Inventor's Signature Kazunari Kobayashi Date Dec. 28, 2009  
Residence Kawasaki, Japan Citizenship Japan  
Post Office Address c/o FUJITSU LIMITED  
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Full name of fifth joint inventor, if any \_\_\_\_\_  
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Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

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Sixth Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of seventh joint inventor, if any \_\_\_\_\_  
Seventh Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of eighth joint inventor, if any \_\_\_\_\_  
Eighth Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

PATENT

RECORDED: 02/08/2005

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