

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| 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>Doosun YOO</td><td>05/25/2007</td></tr><tr><td>Won Sik KIM</td><td>05/23/2007</td></tr><tr><td>Kotaro MATSUO</td><td>05/25/2007</td></tr></tbody></table> |                       | Name          | Execution Date | Doosun YOO          | 05/25/2007 | Won Sik KIM | 05/23/2007 | Kotaro MATSUO | 05/25/2007 |
| Name                                                                                                                                                                                                                                                   | Execution Date        |               |                |                     |            |             |            |               |            |
| Doosun YOO                                                                                                                                                                                                                                             | 05/25/2007            |               |                |                     |            |             |            |               |            |
| Won Sik KIM                                                                                                                                                                                                                                            | 05/23/2007            |               |                |                     |            |             |            |               |            |
| Kotaro MATSUO                                                                                                                                                                                                                                          | 05/25/2007            |               |                |                     |            |             |            |               |            |
| RECEIVING PARTY DATA                                                                                                                                                                                                                                   |                       |               |                |                     |            |             |            |               |            |
| Name:                                                                                                                                                                                                                                                  | Kyocera Corporation   |               |                |                     |            |             |            |               |            |
| Street Address:                                                                                                                                                                                                                                        | 6 Takeda Tobadono-cho |               |                |                     |            |             |            |               |            |
| City:                                                                                                                                                                                                                                                  | Fushimi-ku, Kyoto     |               |                |                     |            |             |            |               |            |
| State/Country:                                                                                                                                                                                                                                         | JAPAN                 |               |                |                     |            |             |            |               |            |
| Postal Code:                                                                                                                                                                                                                                           | 612-8501              |               |                |                     |            |             |            |               |            |
| 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>11755664</td></tr></tbody></table>                                                                                           |                       | Property Type | Number         | Application Number: | 11755664   |             |            |               |            |
| Property Type                                                                                                                                                                                                                                          | Number                |               |                |                     |            |             |            |               |            |
| Application Number:                                                                                                                                                                                                                                    | 11755664              |               |                |                     |            |             |            |               |            |
| CORRESPONDENCE DATA                                                                                                                                                                                                                                    |                       |               |                |                     |            |             |            |               |            |
| Fax Number: (858)882-2485<br><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>                                                                                                                                      |                       |               |                |                     |            |             |            |               |            |
| Phone: 858-882-2000                                                                                                                                                                                                                                    |                       |               |                |                     |            |             |            |               |            |
| Email: lynn@kyocera-wireless.com                                                                                                                                                                                                                       |                       |               |                |                     |            |             |            |               |            |
| Correspondent Name: KYOCERA WIRELESS CORP.                                                                                                                                                                                                             |                       |               |                |                     |            |             |            |               |            |
| Address Line 1: 10300 Campus Point Drive                                                                                                                                                                                                               |                       |               |                |                     |            |             |            |               |            |
| Address Line 4: San Diego, CALIFORNIA 92121                                                                                                                                                                                                            |                       |               |                |                     |            |             |            |               |            |
| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                                                                | TUTL 00130            |               |                |                     |            |             |            |               |            |
| NAME OF SUBMITTER:                                                                                                                                                                                                                                     | George W. Luckhardt   |               |                |                     |            |             |            |               |            |
| Total Attachments: 3<br>source=Assn_1Jun2007_GL_MK_TUTL_00130_US#page1.tif<br>source=Assn_1Jun2007_GL_MK_TUTL_00130_US#page2.tif                                                                                                                       |                       |               |                |                     |            |             |            |               |            |

OP \$40.00 11755664

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PATENT  
REEL: 019368 FRAME: 0536



**ASSIGNMENT**

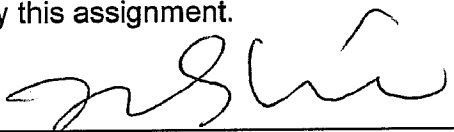
For valuable consideration, I, **Doosun YOO** of 8730 Costa Verde Blvd #2403, San Diego, California, 92122, hereby assign to **KYOCERA CORPORATION**, a Japanese corporation having a place of business at 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto, Japan 612-8501; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States patent signed by me, entitled, **DETERMINING WIRELESS DATA RATES CAPABILITY FOR PACKET DATA COMMUNICATIONS**, having attorney docket number TUTL 00130, filed MAY 30, 2007, and having a U.S. application number 11/755,664, yet to be assigned, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents including patents issuing from utility patent, continuation, divisional, continuation-in-part and other like applications, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention of the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventor certificate for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 5/25/07

Doosun Yoo  
Doosun YOO

**ASSIGNMENT**

For valuable consideration, I, **Won Sik KIM** of 11487 Nantucket Park Way, San Diego, California, 92130, hereby assign to **KYOCERA CORPORATION**, a Japanese corporation having a place of business at 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto, Japan 612-8501; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States patent signed by me, entitled, **DETERMINING WIRELESS DATA RATES CAPABILITY FOR PACKET DATA COMMUNICATIONS**, having attorney docket number TUTL 00130, filed MAY 30, 2007, and having a U.S. application number 11/755,664, yet to be assigned, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents including patents issuing from utility patent, continuation, divisional, continuation-in-part and other like applications, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention of the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventor certificate for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 5/23/07.  
\_\_\_\_\_  
Won Sik KIM

**ASSIGNMENT**

For valuable consideration, I, **Kotaro MATSUO** of 14488 Crestwood Avenue, Poway, California, 92064, hereby assign to **KYOCERA CORPORATION**, a Japanese corporation having a place of business at 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto, Japan 612-8501; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States patent signed by me, entitled, **DETERMINING WIRELESS DATA RATES CAPABILITY FOR PACKET DATA COMMUNICATIONS**, having attorney docket number TUTL 00130, filed MAY 30, 2007, and having a U.S. application number 11/755,664, yet to be assigned, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents including patents issuing from utility patent, continuation, divisional, continuation-in-part and other like applications, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention of the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventor certificate for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 5/25/07  
Kotaro MATSUO