

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE:                                                                                                                                                                                                                                                                                                                                                                                                          | NEW ASSIGNMENT                                        |               |                                                       |                     |                          |               |            |                |                   |              |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------|-------------------------------------------------------|---------------------|--------------------------|---------------|------------|----------------|-------------------|--------------|---------|
| NATURE OF CONVEYANCE:                                                                                                                                                                                                                                                                                                                                                                                                     | ASSIGNMENT                                            |               |                                                       |                     |                          |               |            |                |                   |              |         |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                                                                                                                                                                                                                                               |                                                       |               |                                                       |                     |                          |               |            |                |                   |              |         |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>DONG KYOO KIM</td> <td>03/10/2010</td> </tr> <tr> <td>JAE YOUNG KIM</td> <td>03/10/2010</td> </tr> <tr> <td>KWANG ROH PARK</td> <td>03/10/2010</td> </tr> </tbody> </table>                                                 |                                                       | Name          | Execution Date                                        | DONG KYOO KIM       | 03/10/2010               | JAE YOUNG KIM | 03/10/2010 | KWANG ROH PARK | 03/10/2010        |              |         |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                      | Execution Date                                        |               |                                                       |                     |                          |               |            |                |                   |              |         |
| DONG KYOO KIM                                                                                                                                                                                                                                                                                                                                                                                                             | 03/10/2010                                            |               |                                                       |                     |                          |               |            |                |                   |              |         |
| JAE YOUNG KIM                                                                                                                                                                                                                                                                                                                                                                                                             | 03/10/2010                                            |               |                                                       |                     |                          |               |            |                |                   |              |         |
| KWANG ROH PARK                                                                                                                                                                                                                                                                                                                                                                                                            | 03/10/2010                                            |               |                                                       |                     |                          |               |            |                |                   |              |         |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                                                                                                                                                                                                                                               |                                                       |               |                                                       |                     |                          |               |            |                |                   |              |         |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE</td> </tr> <tr> <td>Street Address:</td> <td>GAJEONG-DONG, YUSEONG-GU</td> </tr> <tr> <td>City:</td> <td>DAEJEON</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> <tr> <td>Postal Code:</td> <td>305-700</td> </tr> </table> |                                                       | Name:         | ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE | Street Address:     | GAJEONG-DONG, YUSEONG-GU | City:         | DAEJEON    | State/Country: | REPUBLIC OF KOREA | Postal Code: | 305-700 |
| Name:                                                                                                                                                                                                                                                                                                                                                                                                                     | ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE |               |                                                       |                     |                          |               |            |                |                   |              |         |
| Street Address:                                                                                                                                                                                                                                                                                                                                                                                                           | GAJEONG-DONG, YUSEONG-GU                              |               |                                                       |                     |                          |               |            |                |                   |              |         |
| City:                                                                                                                                                                                                                                                                                                                                                                                                                     | DAEJEON                                               |               |                                                       |                     |                          |               |            |                |                   |              |         |
| State/Country:                                                                                                                                                                                                                                                                                                                                                                                                            | REPUBLIC OF KOREA                                     |               |                                                       |                     |                          |               |            |                |                   |              |         |
| Postal Code:                                                                                                                                                                                                                                                                                                                                                                                                              | 305-700                                               |               |                                                       |                     |                          |               |            |                |                   |              |         |
| PROPERTY NUMBERS Total: 1                                                                                                                                                                                                                                                                                                                                                                                                 |                                                       |               |                                                       |                     |                          |               |            |                |                   |              |         |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12679066</td> </tr> </tbody> </table>                                                                                                                                                         |                                                       | Property Type | Number                                                | Application Number: | 12679066                 |               |            |                |                   |              |         |
| Property Type                                                                                                                                                                                                                                                                                                                                                                                                             | Number                                                |               |                                                       |                     |                          |               |            |                |                   |              |         |
| Application Number:                                                                                                                                                                                                                                                                                                                                                                                                       | 12679066                                              |               |                                                       |                     |                          |               |            |                |                   |              |         |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                |                                                       |               |                                                       |                     |                          |               |            |                |                   |              |         |
| <p>Fax Number: (312)427-6663<br/> <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 3124271300<br/>         Email: nicholas.kubacki@ladas.net<br/>         Correspondent Name: RICHARD J. STREIT<br/>         Address Line 1: LADAS &amp; PARRY, 224 SOUTH MICHIGAN AVE.<br/>         Address Line 4: CHICAGO, ILLINOIS 60604</p>                                        |                                                       |               |                                                       |                     |                          |               |            |                |                   |              |         |
| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                                                                                                                                                                                                                                   | CU-8250 WWP/NK                                        |               |                                                       |                     |                          |               |            |                |                   |              |         |
| NAME OF SUBMITTER:                                                                                                                                                                                                                                                                                                                                                                                                        | Woochoon W. Park                                      |               |                                                       |                     |                          |               |            |                |                   |              |         |
| Total Attachments: 2<br>source=cu8250assign#page1.tif<br>source=cu8250assign#page2.tif                                                                                                                                                                                                                                                                                                                                    |                                                       |               |                                                       |                     |                          |               |            |                |                   |              |         |

CH \$40.00 12679066

501124148

**PATENT**  
 REEL: 024107 FRAME: 0270

**UNITED STATES OF AMERICA**

## ASSIGNMENT

In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for the other good and valuable consideration,

**ASSIGNOR:**

(1) KIM, Dong Kyoo (2) KIM, Jae Young (3) PARK, Kwang Roh of (1) 405-1003, Yeolmae Maeul 4 Danji, Jijok-dong, Yuseong-gu, Daejeon, Republic of Korea (2) 812-1302, Yeolmae Maeul 8 Danji, Noeun-dong, Yuseong-gu, Republic of Korea (3) 106-1503, Hanarum Apt., Wolpyung 2-dong, Seogu, Daejeon, Republic of Korea

hereby sells, assigns and transfers to

**ASSIGNEE:**

## ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE

Gajeong-dong, Yuseong-gu  
Daejeon, 305-700, Republic of Korea

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the Application entitled

**TITLE:**

SYSTEM FOR CHANNEL SOUNDING OF BROADBAND SIGNAL CARRIER MOBILE COMMUNICATIONS AND METHOD THEREOF

which application was

- ☒ (a) executed by the undersigned on even date herewith
- ☐ (b) filed as Serial No. \_\_\_\_\_ on \_\_\_\_\_

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

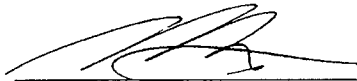
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters

Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, we have set our hand and seal

March 10, 2010

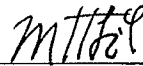
Date



Kim, Dong Kyoo

March 10, 2010

Date



KIM, Jae Young

March 10, 2010

Date

PARK, Kwang Rho

