

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| JAE YOUNG AHN | 03/24/2014 |
| JAE HEUNG KIM | 03/24/2014 |
| YOUNG JO KO | 03/24/2014 |
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| Postal Code: | 305-700 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14348248 |
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| NAME OF SUBMITTER: | TAEKSOO LEE |
| SIGNATURE: | /Taeksoo Lee/ |
| DATE SIGNED: | 08/25/2015 |
| Total Attachments: 2 | |
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| source=P10712_dec_asn#page2.tif | |

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

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|---------------------------|--|
| Title of Invention | METHOD FOR DETERMINING POSITION OF TERMINAL IN CELLULAR MOBILE COMMUNICATION SYSTEM |
|---------------------------|--|

As the below named inventor, I hereby declare that:
 This declaration The attached application, or
 is directed to: United States application or PCT international application number PCT/KR2012/007957
 filed on September 28, 2012.

The above-identified application was made or authorized to be made by me.
 I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
 WHEREAS, Electronics & Telecommunications Research Institute (hereinafter referred to as "ASSIGNEE"), whose post-office address is 218, Gajeong-ro, Yuseong-gu, Daejeon 305-700 Republic of Korea, is desirous of acquiring the entire right, title and interest for the United States and its territorial possessions in and to said invention and application, including any and all divisions and continuations thereof, and in and to any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, I hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States and its territorial possessions including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as I might or could have held and enjoyed the same, if this assignment had not been made.

I hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

I hereby authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.


I hereby grant LRK Patent Law Firm the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

IN TESTIMONY WHEREOF, this assignment is executed by me, on the respective date(s) indicated below.

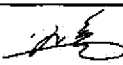
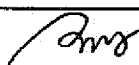
LEGAL NAME OF INVENTOR

Inventor: AHN, Jae Young Date: March 24, 2014

Signature: 

Check the box below and complete the attached page(s) to list additional inventors.
 Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.

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|---|-----------------------------------|
| Legal Name of Joint Inventor, if any: | |
| KIM, Jae Heung | |
| Inventor's Signature  | Date (Optional) March 24, 2014 |
| Legal Name of Joint Inventor, if any: | |
| KO, Young Jo | |
| Inventor's Signature  | Date (Optional) March 24, 2014 |