

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>Yo An SHIN</td> <td>12/05/2012</td> </tr> <tr> <td>Won Cheol LEE</td> <td>12/05/2012</td> </tr> <tr> <td>Hyung Min CHANG</td> <td>12/05/2012</td> </tr> <tr> <td>E Rang LIM</td> <td>12/05/2012</td> </tr> <tr> <td>Ji Myung KANG</td> <td>12/05/2012</td> </tr> <tr> <td>Soon Woo LEE</td> <td>12/05/2012</td> </tr> <tr> <td>Young Jin PARK</td> <td>12/05/2012</td> </tr> <tr> <td>Kwan Ho KIM</td> <td>12/04/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Yo An SHIN | 12/05/2012 | Won Cheol LEE | 12/05/2012 | Hyung Min CHANG | 12/05/2012 | E Rang LIM | 12/05/2012 | Ji Myung KANG | 12/05/2012 | Soon Woo LEE | 12/05/2012 | Young Jin PARK | 12/05/2012 | Kwan Ho KIM | 12/04/2012 |
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| RECEIVING PARTY DATA | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>SOONGSIL UNIVERSITY RESEARCH CONSORTIUM TECHNO-PARK</td> </tr> <tr> <td>Street Address:</td> <td>511, Sangdo-dong, Dongjak-gu</td> </tr> <tr> <td>City:</td> <td>Seoul</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>156-030</td> </tr> </table> | | Name: | SOONGSIL UNIVERSITY RESEARCH CONSORTIUM TECHNO-PARK | Street Address: | 511, Sangdo-dong, Dongjak-gu | City: | Seoul | State/Country: | KOREA, REPUBLIC OF | Postal Code: | 156-030 | | | | | | | | |
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| <table border="1"> <tr> <td>Name:</td> <td>KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE</td> </tr> <tr> <td>Street Address:</td> <td>Bulmosan-ro 10 beon-gil 12 (Seongju-dong), Sangsan-gu, Changwon-si</td> </tr> <tr> <td>City:</td> <td>Gyeongsangnam-do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>642-120</td> </tr> </table> | | Name: | KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE | Street Address: | Bulmosan-ro 10 beon-gil 12 (Seongju-dong), Sangsan-gu, Changwon-si | City: | Gyeongsangnam-do | State/Country: | KOREA, REPUBLIC OF | Postal Code: | 642-120 | | | | | | | | |
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| 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>13707819</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13707819 | | | | | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | | | | | |
| Application Number: | 13707819 | | | | | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | | | | | |
| Fax Number: | 7039358473 | | | | | | | | | | | | | | | | | | |

OP \$40.00 13707819

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: mail@sherr-law.com
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Address Line 1: 620 Herndon Parkway
Address Line 2: Suite 320
Address Line 4: Herndon, VIRGINIA 20170

| | |
|-------------------------|----------|
| ATTORNEY DOCKET NUMBER: | 523-0067 |
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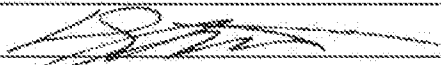
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| NAME OF SUBMITTER: | Daniel H. Sherr |
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| | This document serves as an Oath/Declaration (37 CFR 1.63). |
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Total Attachments: 8


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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES**

| | |
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| Title of Invention | WIRELESS POSITIONING SERVER USING CLOCK OFFSET CALIBRATION AND WIRELESS POSITIONING METHOD USING THE SAME |
| As the below named inventor, I hereby declare that: | |
| This declaration is directed to: <input checked="" type="checkbox"/> The attached application, or | |
| <input type="checkbox"/> United States application or PCT international application number _____ filed on _____ | |
| 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, (1) SOONGSIL UNIVERSITY RESEARCH CONSORTIUM TECHNO-PARK; (2) KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE, with offices at (1) 511, Sangdo-dong, Dongjak-gu, Seoul 156-030, Republic of Korea; (2) Bulmosan-ro 10 beon-gil 12 (Seongju-dong), Sangsan-gu, Changwon-si, Gyeongsangnam-do, 642-120, Republic of Korea respectively (hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries; | |
| 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, I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest thereto; | |
| And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or their designee(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto; | |
| And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense. | |
| And I further agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto; | |
| And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale. | |
| 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. | |
| LEGAL NAME OF INVENTOR | |
| Inventor: SHIN, Yo An | Date: December 5, 2012 |
| Signature:  | |

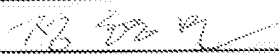
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TEL: (571) 313-7556 | FAX: (703) 935-8473

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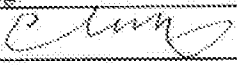
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| LEGAL NAME OF INVENTOR | |
| Inventor: | CHANG, Hyung Min |
| Date: | December 5, 2012 |
| Signature: |  |

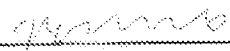
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| LEGAL NAME OF INVENTOR | |
| Inventor: LIM, E Rang | Date: December 5, 2012 |
| Signature:  | |

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEESTitle of
InventionWIRELESS POSITIONING SERVER USING CLOCK OFFSET CALIBRATION AND
WIRELESS POSITIONING METHOD USING THE SAME

As the below named inventor, I hereby declare that:

This declaration
is directed to: The attached application, or United States application or PCT international application number

filed on _____

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.

(1) SOONGSIL UNIVERSITY RESEARCH CONSORTIUM TECHNO-PARK;

WHEREAS, (2) KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE, with offices at

(1) 511, Sangdo-dong, Dongjak-gu, Seoul 156-030, Republic of Korea; (2) Bulmosan-ro 10 beon-gil 12 (Seongju-dong), Sangsan-gu, Changwon-si, Gyeongsangnam-do, 642-120, Republic of Korea

respectively (hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

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, I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest therein;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or their designee(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any issue or reissue of any Letters Patent which may be granted for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense;

And I further agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

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.

LEGAL NAME OF INVENTOR

Inventor: LEE, Soon Woo

Date: 2/1/2012

Signature: 

SHERR & JIANG, PLLC
620 HERNDON PARKWAY, SUITE 320
HERNDON, VA 20178
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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES**

Title of
Invention

WIRELESS POSITIONING SERVER USING CLOCK OFFSET CALIBRATION AND
WIRELESS POSITIONING METHOD USING THE SAME

As the below named inventor, I hereby declare that:

This declaration
is directed to:

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I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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of which are hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and
legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and
in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to
any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American
Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America
adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the
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further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters
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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

LEGAL NAME OF INVENTOR

Inventor: PARK, Young Jin

Date: December 5, 2012

Signature: 

SHERR & JIANG, PLLC

620 HERNDON PARKWAY, SUITE 320

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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES**

| | |
|---|--|
| Title of Invention | WIRELESS POSITIONING SERVER USING CLOCK OFFSET CALIBRATION AND WIRELESS POSITIONING METHOD USING THE SAME |
| As the below named inventor, I hereby declare that: | |
| This declaration is directed to: | <input checked="" type="checkbox"/> The attached application, or <input type="checkbox"/> United States application or PCT international application number _____ Filed on _____ |
| 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 (1) SOONGSIL UNIVERSITY RESEARCH CONSORTIUM TECHNO-PARK; WHEREAS, (2) KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE, with offices at (1) 511, Sangdo-dong, Dongjak-gu, Seoul 156-030, Republic of Korea; (2) Bulmosan-ro 10 beon-gil 12 (Seongju- dong), Sangju-si, Changwon-si, Gyeongsangnam-do, 642-120, Republic of Korea respectively (hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries: | |
| 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, I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest thereto. | |
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| 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. | |
| LEGAL NAME OF INVENTOR | |
| Inventor: <u>KIM, Kwan Ho</u> | Date: <u>Dec. 4 2012</u> |
| Signature: <u>[Handwritten Signature]</u> | |

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