### PATENT ASSIGNMENT

### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

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

#### **RECEIVING PARTY DATA**

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

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

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13707819

#### **CORRESPONDENCE DATA**

**Fax Number**: 7039358473

PATENT

REEL: 029427 FRAME: 0130

DP \$40,00 13707819

502154707

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

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Correspondent Name: SHERR & JIANG, PLLC

Address Line 1: 620 Herndon Parkway

Address Line 2: Suite 320

Address Line 4: Herndon, VIRGINIA 20170

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

Total Attachments: 8

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> PATENT REEL: 029427 FRAME: 0131

Attorney Docket No.: 523-0067 Client Ref. No.: OP-2012-0089/US

## 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 declarati	on The attached application, or	
	United States application or PCT international application number filled on	
I believe that	entified application was made or authorized to be made by me.  I am the original inventor or an original joint inventor of a claimed invention in the application.  (1)SOONGSIL UNIVERSITY RESEARCH CONSORTIUM TECHNO-PARK;  (2)KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE  , with offices at	
(1)511, Si	angdo-dong, Dongjak-gu, Seoul 156-030, Republic of Korca; (2) Bulmosan-ro 10 beon-gil 12 (Seongjungsan-gu, Changwon-si, Gyeongsangnam-do, 642-120, Republic of Korca	
respectively application di	(hereinafter referred to as ASSIGNEES), are destrous of jointly acquiring all interest in, to and under said invention, said sclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the and in any and all foreign countries;	
of which are higal represent and to any and all procession Radheres, and tunited States	FORE, in consideration of the sum of One Dollar (\$1,00), and other good and valuable consideration, the receipt and sufficiency tereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and tatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to foreign tights and/or convention rights under the International Convention for the Protection of Industrial Property. Inter-American elating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America of any other benefits accruing or to accrue to me with respect to the filling of applications for patents or securing of patents in the and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters 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 designeets), 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:		
application for	agree to properly execute and deliver and without further remoneration, such necessary or desirable and lawful papers for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters may be granted for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense;	
application, sa	agree that ASSIGNEES will, upon their request, he provided promptly with all pertinent facts and documents relating to said iid invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will e same in any interference or fitigation related thereto:	
And I hereby this assignmen	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with it and sale.	
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of five (5) years, or both.	
LEGAL NAM	EOFINVENTOR	
Inventor:	SHIN, Yo An Date: December 5, 2012	
Signature:		

SHERR & JIANG, PLLC 620 HERNDON PARKWAY, SUITE 320 HERNDON, VA 20170 TEL: (571) 313-7556 | FAX. (703) 935-8473

Attorney Ducket No.: 523-0067 Client Ref. No.: OP-2012-0689/US

# 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 declarati	XI The attached application of	
	United States application or PCT international application number filed on	
The above-identified application was made or authorized to be made by use.  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 ELPCTROTECHNOLOGY RESEARCH INSTITUTE  with offices at (1)STL Sangdo-dong, Dongisk-gu, Seoul 156-030, Republic of Korea; (2) Bulmosan-ro 10 beon-gil 12 (Seongju-		
respectively application d	Ingsan-gu, Changwon-si, Gyeongsangnam-do, 642-120. Republic of Korea  (hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, said isclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the 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 emire 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 someonion 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 filling 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;		
their designe further remu	agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or etc.), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without teration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters United States and countries foreign thereto;	
. 11	r agree in properly execute and deliver and without further remaneration, such necessary or desirable and lawful papers for in foreign patents. For filling subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters may be granted for my afterested invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense;	
And I further agree that ASSIGNATIS 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 sains in any interference or litigation related thereto;		
And I hereby this assignme	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with out sale.	
	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of a five (5) years, or both.	
LEGAL NAI	ME OF INVENTOR	
Inventor:	LEE, Won Cheol Date: Documber 5,20/2	
Signature:		

SHERR & JIANG, PLLC 620 HERNDON PARKWAY, SUITE 320 HERNDON, VA 20170 TEL (571) 313-7556 | FAX. (703) 933-8473

> PATENT REEL: 029427 FRAME: 0133

Attorney Decket No.: 523-0067 Client Ref. No.: OP-2012-0089/US

# 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, t hereby declare that:
This declarati	XX The attached application or
	United States application or PCT international application number filed on
I believe that WHEREAS, (1)511, S dong), Sa	entified application was made or authorized to be made by me.  I am the original inventor or an original joint inventor of a claimed invention in the application.  (1)SOONGSIL UNIVERSITY RESEARCH CONSORTIUM TECHNO-PARK:  (2)KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE  with offices at angdo-dong, Dongjak-gu, Seoul 156-030, Republic of Korea; (2) Bulmosan-ro 10 beon-gil 12 (Seongjungsan-gu, Changwon-si, Gyeongsangnam-do, 642-120, Republic of Korea
respectively application d	(hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, said isclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the and in any and all foreign countries;
of which are i legal represet in and to any any and all pr Convention F adheres, and United States	EFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and ustives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to diority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America 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 and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters ASSIGNEES, as the assignees of the whole right, title and interest thereto;
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application &	r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for or foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters may be granted for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense;
application, s	r agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said tail invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will be 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.	
	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of a five (5) years, or both.
LEGAL NAI	ME OF INVENTOR
Inventor:	CHANG, Hyung Min Date: December 5, 2012
Cianner	- 182 - Grap Va

SHERR & JIANG, PLLC 620 HEBIDON PARKWAY, SUITE 326 HERIDON, VA 20170 TEL: (571) 313-7556 | FAX: (703) 235-8473

Attorney Docket No.: 523-0067 Client Ref. No.: OP-2012-0089/US

## 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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As the below	named inventor, I hereby declare that:	
This declarati	The entertiad application or	
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The above-identified application was made or authorized to be made by me.  1 believe that 1 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 (Seongjudong), Sangsan-gu, Changwon-si, Gyeongsangnam-do, 642-120, Republic of Korea  respectively (hereinafter referred to as ASSIGNES), 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;		
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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 encombrance has been or will be made or entered into which would conflict with this assignment and sale.		
	owledge that any willful false statement made in this decisration is punishable under 18 U.S.C. 1001 by fine or imprisonment of five (5) years, or both.	
LEGAL NAM	AE OF INVERTOR	
Inventor:	LIMERang Date: December 5, 2012	
Signature:	CAMO	

SHERR & JIANG, PLLC 620 HERNDON PARKWAY, SUITE 320 HERNDON, VA 20170 TEL: (571) 313-7556 | FAX: (703) 935-8473

Attorney Booket No.: 523-0067 Client Ref. No.: OP-2012-0089/US

# 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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As the below	named inventor, I horeby declare that:	
This declaration is discoted to	on S the anached application, or	
	Utural States application or PCT international application number	
	Sted on	
The states alkinitied application was made or authorized to be made by ps.  1 believe that I am the scipinal inventor of an incident point inventor of a claimed invention in the application.  (ISOONGSE, UNIVERSITY RESEARCH CONSORTIUM TECHNO-PARK).  WHISTEAS, OKORFA FLLCTROTECHNOLOGY RESEARCH INSTITUTE  with offices at (1)511, Sangdo-dong, Dongjak-gu, Secul 156-036, Republic of Research (2) Bulincessure to 10 boon-gii 12 (Sasangja-dong), Sangsan-gu, Changwon st, Gyerngsangram-do, 642-120, Republic of Korsa  respectively functionalizer reference to as ASSIGNEES), are destrose of jointly according all interest in, to sed under sed invention, said application disclosing the invention soul in to and under any Letters Patent or similar legal projection which may be grunted therefor in the United States and in any and all foreign countries;		
NOW THEREPORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby asknowledged, I by these presents do beteby assign, sell and transfer onto said ASSIGNEES, their successors, assigns, and legal representatives, the entire rigits, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Fatent 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 secruing or to secrute 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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And I hereby this assignmen	coverant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with it and sale.	
i hereby ackn not more than	owledge that any willful latse statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of five (3) years, or both.	
*****	SE OF INVENTOR	
inventor:	KANG, II Myung Date: VIF / 292	
Signature.		

SHERR & JLANG, PLLC 620 Herndon Parkway, Suite 320 Herndon, VA 20170 YEG (571) 313-7336 | FAX (703) 935-8473

Attorney Docket No.: 523-0067 Client Ref. No.: OP-2012-0089/US

## 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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As the below	named inventor, I bereby declars that:	
This declarate is directed to:	IX) The attached application or	
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WHEREAS, (1)511, Sa dong), Sa	(2)KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE with offices at sangdo-dong, Dongjak-gu, Seoul 156-030, Republic of Korea; (2) Bulmosan-ro 10 boon-gil 12 (Soongjungsan-gu, Changwon-si, Gyeongsangnam-do, 642-120. Republic of Korea	
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FIGW THEREFORE, in consideration of the sum of One Dotlar (\$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 Pstent 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 according 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 therem, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEES, as the assigners 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 ASSIGNCES or their designee(s), as ASSIGNCES or their successors, assigns and legal representatives may from time-to-time present to use 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;		
application for	agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters may be granted for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense;	
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And I hereby covenent that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.		
	whedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of five (5) years, or both	
***************************************	E OF DEVENTOR	
Inventor:	LEE, Soon Woo Date: 3/1/2012	
Signature:		

SHERR & JIANG, PLLC 620 HERNDON PARKWAY, SUITE 320 HERNDON, VA 20178 FEU (\$71) 313-7556 | FAX: (70/3) 935-8473

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As the below	named (aventor, I hereby declare that:	
This declaration is directed to:	(X) The animalised applications or	
	United States application or PCT informational application number filed on	
WHEREAS, (1)511, S dong), Sa respectively application di	is an the original inventor or an original joint inventor of a claimed inventor in the application.  (1) SOONGSR UNIVERSITY RESEARCH CONSORTIUM TECHNO-PARK;  (2) KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE with offices at angelo-dong, Dongjak-gu, Seoul 156-030, Republic of Korea; (2) Bulmosan-ro 10 beam-git 12 (Seongjumesan-gu, Changwon-si, Gyeongsangnam-do, 642-120, Republic of Korea  (hereinatter referred to as ASSIGNES), are desirous of jointly acquiring all interest in to and under said bivention, said asclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the 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 ASSIGNLES, 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 Projection of Industrial Property, Inter-American Conventions Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other henefits according or to accrue to me with respect to the filling 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 Lottors Patent to said ASSIGNUES, as the assignces of the whole right, title and interest thereto.		
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	E OF INVENTOR	
inventor:	PARK, Young Jin Date: 160m by 5, 2012	
Signature -	At all a	

SHERR & JIANG, PLLC 620 HERADON PARKWAY, SUFTE 320 HERADON, VA 20170 TEL (571) 313-7556 | FAX: (703) 935-8473

## 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	w named inventor, I hereby declare that:	
This declarates to	[X] The attrobad application or	
	United States application or PCT international application number filed on	
Uterleve that  WHEREAS,  (1)S11, S  dong), So  respectively sopication d	demified application was made or authorized to be made by me.  It is not be original inventor or an original joint inventor of a claimed invention in the application  (1) SOONGSIL UNIVERSITY RESEARCH CONSORTRUM TECHNO-PARK;  (2) KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE  , with offices at Sangdo-dong, Dongjak-gu, Seoul 156-030, Republic of Korea; (2) Bulmosan-ro 10 ocon-git 12 (Seongjulanguan-gu, Changsson-si, Gveongsangnam-do, 642-120, Republic of Korea  (Defenalter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, said disclosing the investion and in, to and under any Lutiers Puters or similar legal protection which may be granted therefor in the said in any and all foreign countries:	>: 1
of which are legal represent in and to any any and all pro- Convention F adheres, and United States	GFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency chereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and statives, the entire right, tifte and inversion said invention, said application, including any divisions and continuations thereof, and y and all Letters Patent of the United States, and countries foreign therem, which may be grasted for said invention, and in and to priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Relating to Patents, Designs and Industrial Models, and say other international agreements to which the United States of American to any other benefits according or to account to me with respect to the filling of applications for patents or secturing of patents in the said countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters of ASSIGNEES, as the assignees of the whole right, title and interest thereto;	
their designe further remut	c agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or ce(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without meration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters United States and countries foreign thereto;	
application for	er agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for foreign patents, for fifting subdivisions of said application for patent, and or, for obtaining any reliasue or reliasues of any Letters may be granted for my aforesaid invention, as said ASSIGNEES thereof shall bereafter require and prepare at their own expense,	
application, s	r agree that ASStGMEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will be same in any interference or linigation related thereto;	
And I hereby this assignmen	covenant that no assignment, sale, agreement or encombrance has been or will be made or entored into which would conflict with ent and sale.	
	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of n five (5) years, or both.	
LEGAL NAM	MF OF INVENTOR	
Inventor:	KIM, Kwan Ho Date: Dec. 42 2072	
Signature:	1630-16 KC	

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