503069182 11/20/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3115785

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JINSOO HAN	09/29/2014
CHANG SIC CHOI	09/29/2014
WAN KI PARK	09/29/2014
IL WOO LEE	09/29/2014

RECEIVING PARTY DATA

Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	
Street Address:	218 GAJEONG-RO, YUSEONG-GU	
City:	DAEJEON	
State/Country:	KOREA, REPUBLIC OF	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14548382

CORRESPONDENCE DATA

Fax Number: (630)908-7653

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 6309087652

Email: uspto.actions@wpapat.com

Correspondent Name: WILLIAM PARK & ASSOCIATES PATENT LTD.

Address Line 1: 930 N. YORK ROAD, SUITE 201
Address Line 4: HINSDALE, ILLINOIS 60521

ATTORNEY DOCKET NUMBER:	PA2010-0	
NAME OF SUBMITTER:	WOOCHOON W. PARK	
SIGNATURE:	/WOOCHOON W. PARK/	
DATE SIGNED:	NED: 11/20/2014	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

source=PA2010-0_Declaration_Assignment#page1.tif source=PA2010-0_Declaration_Assignment#page2.tif source=PA2010-0_Declaration_Assignment#page3.tif

PATENT 503069182 REEL: 034216 FRAME: 0129

 $source = PA2010-0_Declaration_Assignment \#page 4.tif$

Title of Invention	METHOD AND APPARATUS FO	OR TIME SYNCHRONIZATION BETWEEN
Declaration	As the below named inventor(s), I hereby declare that: The declaration is directed to: The attached application, or United States application or PCT international application number PCT/KR####/##### filed on The above-identified application was made or authorized to be made by me. I believe that I am the original or an original joint inventor of a claimed invention in the application. 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.	
Assignment	is acknowledge, and other good and assign and transfer unto said assigned ELECTRONICS AND TELECO 218 Gajeong-ro, Yuseong-gand the heirs, successors, assigns a and exclusive right to the said invite possessions and in any and all foreign entire rights, title and interest in an therefore in the United States. I here Patent and Trademark Office to issue entire right, title, and interest in and to legal representatives, to the full end of fully and entirely as the same would have been made. I agree promptly upon request of the patent and the invention set forth compensation any power of attornorm the invention of attornorm and accomply and entirely into the made or entered into which would be made or entered into which would be made or entered into which would be inventionally into the made of the patent that assignee(s) pertinent facts and documents relating equivalents as may be known and accomply into the patent and the invention and accomply into the patent and documents relating equivalents as may be known and accomply into the patent and the patent and the patent and documents relating equivalents as may be known and accomply into the patent and the patent and accomply into the patent and the patent	DMMUNICATIONS RESEARCH INSTITUTE July, Daejeon-si 305-700, Republic of Korea and legal representatives of the assignee(s) the full rention in the United States and in its territorial gon countries any and all improvements thereof, the legal to any and all Patents which may be granted beby authorize and request the Director of the U.S. said United States Patent to said assignee(s), of the to the same, for his sole use and for the use of his of the term for which said Patent may be granted, as have been held by me had this assignment and sale the assignee(s), its heirs, successors, assigns and (s) to communicate any facts known to it respecting therein, and to execute and deliver without further mey, Assignment, application, whether original, other papers that may be necessary.
Legal Name	Inventor Name (First Middle LAST):	HAN, JINSOO
Of Inventor	Inventor Signature: Date:	29 Sept. 2014
		- 1 Octo

Title of Invention	METHOD AND APPARATUS FO	OR TIME SYNCHRONIZATION BETWEEN
Declaration	PCT/KR####/###### filed on The above-identified application was I believe that I am the original or al application. I hereby acknowledge that any v	or or PCT international application number
Assignment	is acknowledge, and other good and assign and transfer unto said assigne ELECTRONICS AND TELECY 218 Gajeong-ro, Yuseong-gand the heirs, successors, assigns and exclusive right to the said inverses in an entire rights, title and interest in an entire rights, title and interest in an entire right, title, and interest in and legal representatives, to the full end of fully and entirely as the same would not been made. I agree promptly upon request of legal representatives of the assignee the patent and the invention set forth compensation any power of atto continuation, divisional or reissue, or a literature facts and documents relating equivalents as may be known and act litigation related thereto and will pror representatives any and all papers, in maintain, issue and enforce said apprendict of the said apprendict in	OMMUNICATIONS RESEARCH INSTITUTE gu, Daejeon-si 305-700, Republic of Korea and legal representatives of the assignee(s) the full vention in the United States and in its territorial gn countries any and all improvements thereof, the nd to any and all Patents which may be granted eby authorize and request the Director of the U.S. said United States Patent to said assignee(s), of the to the same, for his sole use and for the use of his of the term for which said Patent may be granted, as have been held by me had this assignment and sale the assignee(s), its heirs, successors, assigns and (s) to communicate any facts known to it respecting a therein, and to execute and deliver without further rney, Assignment, application, whether original,
	Inventor Name (First Middle LAST):	CHOI, CHANG SIC
Legal Name Of Inventor	Inventor Signature:	2014.09.29
	Date:	2014.09.29

Title of Invention	METHOD AND APPARATUS FO NODES	OR TIME SYNCHRONIZATION BETWEEN
Declaration	As the below named inventor(s), I hereby declare that: The declaration is directed to: The attached application, or United States application or PCT international application number PCT/KR####/###### filed on The above-identified application was made or authorized to be made by me. I believe that I am the original or an original joint inventor of a claimed invention in the application. 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.	
Assignment	NOW, THEREFORE, in consideration of the sum of one dollar (\$1), the receipt whereof is acknowledge, and other good and valuable consideration, I, by these presents do sell, assign and transfer unto said assignee(s) ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 218 Gajeong-ro, Yuseong-gu, Daejeon-si 305-700, Republic of Korea and the heirs, successors, assigns and legal representatives of the assignee(s) the full and exclusive right to the said invention in the United States and in its territorial possessions and in any and all foreign countries any and all improvements thereof, the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee(s), of the entire right, title, and interest in and to the same, for his sole use and for the use of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. I agree promptly upon request of the assignee(s), its heirs, successors, assigns and legal representatives of the assignee(s) to communicate any facts known to it respecting the patent and the invention set forth therein, and to execute and deliver without further compensation any power of attorney, Assignment, application, whether original, continuation, divisional or reissue, or other papers that may be necessary. 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 further covenant that assignee(s) 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 me and will testify as to the same in any litigation related thereto and will prompt	
	Inventor Name (First Middle LAST):	PARK, WAN KI
Legal Name Of Inventor	Inventor Signature:	46 th
	Date:	2014.09.29

Title of Invention	METHOD AND APPARATUS FOR TIME SYNCHRONIZATION BETWEEN NODES	
Declaration	As the below named inventor(s), I hereby declare that: The declaration is directed to: The attached application, or United States application or PCT international application number PCT/KR########### filed on The above-identified application was made or authorized to be made by me. I believe that I am the original or an original joint inventor of a claimed invention in the application. 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.	
Assignment	NOW, THEREFORE, in consideration of the sum of one dollar (\$1), the receipt whereof is acknowledge, and other good and valuable consideration, I, by these presents do sell, assign and transfer unto said assignee(s) ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 218 Gajeong-ro, Yuseong-gu, Daejeon-si 305-700, Republic of Korea and the heirs, successors, assigns and legal representatives of the assignee(s) the full and exclusive right to the said invention in the United States and in its territorial possessions and in any and all foreign countries any and all improvements thereof, the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee(s), of the entire right, title, and interest in and to the same, for his sole use and for the use of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. I agree promptly upon request of the assignee(s), its heirs, successors, assigns and legal representatives of the assignee(s) to communicate any facts known to it respecting the patent and the invention set forth therein, and to execute and deliver without further compensation any power of attorney, Assignment, application, whether original, continuation, divisional or reissue, or other papers that may be necessary. 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 further covenant that assignee(s) 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 me and will testify as to the same in any litigation related thereto and will prompt	
Legal Name Of Inventor	Inventor Name (First Middle LAST): LEE, IL WOO Inventor Signature: 8/03/4	
Ormventor	Date: Gep 29. 2014	

RECORDED: 11/20/2014