### 503559559 11/06/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT3606186

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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WOORAM SHIN	10/27/2015
SUNG-HYUN MOON	10/27/2015

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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14935321

#### **CORRESPONDENCE DATA**

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

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NAME OF SUBMITTER:	WOOCHOON W. PARK
SIGNATURE:	/Woochoon W. Park/
<b>DATE SIGNED:</b> 11/06/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).

### **Total Attachments: 3**

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PATENT 503559559 REEL: 036983 FRAME: 0956

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

PR20140959US -Pan

		1 R4014033300-1 80
Title of Invention	METHOD AND APPARATUS	FOR GENERATING CSI REPORT
Declaration	The above-identified application was believe that I am the original or a application.  I hereby acknowledge that any	
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, 34129, 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	
Legal Name Of Inventor	Inventor Name	Cheulsoon KIM
	Inventor Signature:	7/202 2015 · 10. 27
	Date:	2015 - 10.27

☐ A total of 1 supplemental sheet(s) are attached hereto for additional inventors, if any.

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

PR20140959US -Pan

		110011070700 140
Title of Invention	METHOD AND APPARATUS	FOR GENERATING CSI REPORT
Declaration	filed of The above-identified application was I believe that I am the original or a application.  I hereby acknowledge that any the control of the con	
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, 34129, 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 representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said applicat	
	Inventor Name	Wooram SHIN
Legal Name Of Inventor	Inventor Signature:	13-7m
	Date:	27/10/2015

A total of 1 supplemental sheet(s) are attached hereto for additional inventors, if any. Page 2

REEL: 036983 FRAME: 0958

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

PR20140959US -Pan

Title of Invention	METHOD AND APPARATUS FOR GENERATING CSI REPORT	
Declaration	The above-identified application was I believe that I am the original or a application.  I hereby acknowledge that any	
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, 34129, 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 promptly e	
t and Man	Inventor Name	Sung-Hyun MOON
Legal Name Of Inventor	Inventor Signature:	Clah
	Date:	21/10/2015

A total of 1 supplemental sheet(s) are attached hereto for additional inventors, if any. Page 3

PATENT

REEL: 036983 FRAME: 0959