## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JI HYUNG KIM	06/20/2016
JAESHEUNG SHIN	06/20/2016

#### **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:	15190840

#### **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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ATTORNEY DOCKET NUMBER: PA2897-0	
NAME OF SUBMITTER: WOOCHOON W. PARK	
SIGNATURE:	/Woochoon W. Park/
DATE SIGNED:	06/23/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

### **Total Attachments: 2**

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PATENT 503886212 REEL: 038997 FRAME: 0807

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

PR20150410US Pan

Title of Invention	METHOD AND APPARATUS FOR TRANSMITTING DATA IN DIRECT DEVICE-TO- DEVICE COMMUNICATION		
Declaration	filed o The above-identified application was I believe that I am the original or a application. I hereby acknowledge that any was	or or PCT international application number	
	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)		
		MMUNICATIONS RESEARCH INSTITUTE	
Assignment	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 execute and deliver to assignee(s) or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.		
Legal Name Of Inventor	Inventor Name (First Middle LAST):	Ji Hyung KIM	
	Inventor Signature:	Anzo	
	Date:	June 20, 2016	

☐ 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

PR20150410US Pan

Title of Invention	METHOD AND APPARATUS FOR TRANSMITTING DATA IN DIRECT DEVICE-TO- DEVICE COMMUNICATION		
Declaration	filed o The above-identified application wa I believe that I am the original or a application. I hereby acknowledge that any w	or or PCT international application number	
		on of the sum of one dollar (\$1), the receipt whereof valuable consideration, I, by these presents do sell, e(s)	
	ELECTRONICS AND TELECO	MMUNICATIONS RESEARCH INSTITUTE	
	218 Gajeong-ro, Yuseong	-gu, Daejeon, 34129, Republic of Korea	
Assignment	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 execute and deliver to assignee(s) or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.		
Legal Name Of Inventor	Inventor Name (First Middle LAST):	JaeSheung SHIN	
	Inventor Signature:	GH	
	Date:	June 20, 2016	

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

RECORDED: 06/23/2016