

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4412033

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DONG HO CHO	05/04/2017
BYUNG CHANG CHUNG	05/04/2017
DAE HEE PARK	05/04/2017
JOON SANG HAN	05/04/2017
YUN SIK KIM	05/04/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY
<b>Street Address:</b>	291, DAEHAK-RO, YUSEONG-GU
<b>City:</b>	DAEJEON
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	34141
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15526623
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)935-8473
<i>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.</i>	
<b>Phone:</b>	571-313-7556
<b>Email:</b>	mail@paratus-law.com
<b>Correspondent Name:</b>	PARATUS LAW GROUP, PLLC
<b>Address Line 1:</b>	1765 GREENSBORO STATION PLACE
<b>Address Line 2:</b>	SUITE 320
<b>Address Line 4:</b>	TYSONS CORNER, VIRGINIA 22102
<b>ATTORNEY DOCKET NUMBER:</b>	432-0158
<b>NAME OF SUBMITTER:</b>	LENNY R. JIANG
<b>SIGNATURE:</b>	/Lenny R. Jiang/
<b>DATE SIGNED:</b>	05/12/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 10**

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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 SINGLE ASSIGNEE**

<b>Title of Invention</b>	<b>COORDINATED TRANSMISSION METHOD BASED ON BEAM DIVISION MULTIPLE ACCESS AND APPARATUS PERFORMING THE SAME</b>
---------------------------	---

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 PCT/KR2016/001723 filed on February 22, 2016.

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, **Korea Advanced Institute of Science and Technology**, with offices at 291, Daehak-ro, Yuseong-gu, Daejeon 34141, Republic of Korea; (hereinafter referred to as ASSIGNEE), is desirous of 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 ASSIGNEE, its 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 ASSIGNEE, as the assignee of the whole right, title and interest thereto;

**Paratus Law Group, PLLC**  
 1768 Greensboro Station Pl, Suite 320  
 Tysons Corner, VA 22102  
 Tel: (571) 313-7856 | Fax: (703) 938-8473

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its 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 ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its 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: CHO, Dong Ho

Date: 4th May 2017

Signature: 

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LEGAL NAME OF INVENTOR

Inventor: CHUNG, Byung Chang

Date: 06 May 2019

Signature: 

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1765 Greenbriar Station Pl., Suite 228  
Farmingdale, NY 11737  
Tel: (718) 213-7200 | Fax: (718) 213-8473

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LEGAL NAME OF INVENTOR

Inventor: PARK, Dae Hee

Date: 4th May 2019

Signature: 



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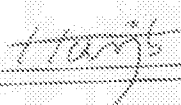
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LEGAL NAME OF INVENTOR

Inventor: HAN, Joon Sung

Date: 4th May 2019

Signature: \_\_\_\_\_



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Tyngsboro, MA 01462  
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LEGAL NAME OF INVENTOR

Inventor: KIM, Yun Sik

Date: 4th May 2017

Signature: 