

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5264878

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JONGDEOK KIM	12/03/2018
JAEHO SHIN	12/03/2018
DONGHYUN KIM	12/03/2018
JUNHWAN HUH	12/03/2018
RECEIVING PARTY DATA	
Name:	PUSAN NATIONAL UNIVERSITY INDUSTRY-UNIVERSITY COOPERATION FOUNDATION
Street Address:	(PUSAN NATIONAL UNIVERSITY, JANGJEON-DONG) 2, BUSANDAEHAK-RO 63BEON-GIL, GEUMJEONG-GU
City:	BUSAN
State/Country:	KOREA, REPUBLIC OF
Postal Code:	46241
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16208833
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	571-313-7556
Email:	mail@paratus.law
Correspondent Name:	PARATUS LAW GROUP, PLLC
Address Line 1:	1765 GREENSBORO STATION PLACE
Address Line 2:	SUITE 320
Address Line 4:	TYSONS CORNER, VIRGINIA 22102
ATTORNEY DOCKET NUMBER:	540-0069
NAME OF SUBMITTER:	LENNY R. JIANG
SIGNATURE:	/Lenny R. Jiang/
DATE SIGNED:	12/04/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 8

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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**

Title of Invention	APPARATUS AND METHOD FOR ACQUISITION OF FAST MULTI- CHANNEL DATA BASED ON LORAWAN
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration is directed to:</p> <p><input checked="" type="checkbox"/> The attached application, or</p> <p><input type="checkbox"/> United States application or PCT international Application number _____ filed on _____</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>WHEREAS, <u>Pusan National University Industry-University Cooperation Foundation</u>, with offices at <u>(Pusan National University, Jangjeon-dong) 2, Busandaehak-ro 63beon-gil, Geumjeong- gu, Busan, 46241, Republic of Korea</u> (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;</p> <p>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;</p>	

Paratus Law Group, PLLC
1765 Greensboro Station Pl., Suite 520
Tysons Corner, VA 22102
Tel: (571) 313-7556 | Fax: (703) 935-8473

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: KIM, Jongdeok

Date: Dec 3 2018

Signature: _____



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LEGAL NAME OF INVENTOR

Inventor: SHIN, Jaeho

Date: 2018/12/3

Signature: 

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is directed to:

☒ The attached application, or

☐ United States application or PCT international
Application number _____ filed on _____

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, Pusan National University Industry-University Cooperation Foundation, with
offices at (Pusan National University, Jangjeon-dong) 2, Busandaehak-ro 63beon-gil, Geumjeong-
gu, Busan, 46241, 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
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LEGAL NAME OF INVENTOR

Inventor: KIM, Donghyun

Date: Dec 3 2018

Signature: _____



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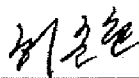
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LEGAL NAME OF INVENTOR

Inventor: HUH, Junhwan

Date: 2018/12/3

Signature: 

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