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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WOOJIN AHN	03/06/2017
YONGHO KIM	03/06/2017
JINSAM KWAK	03/06/2017
JUHYUNG SON	03/06/2017

RECEIVING PARTY DATA

Name:	WILUS INSTITUTE OF STANDARDS AND TECHNOLOGY INC.	
Street Address:	(JEONG-HWAN BLDG.,YANGJAE-DONG)	
Internal Address:	2F 48 MABANG-RO, SEOCHO-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	06776	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15511581

CORRESPONDENCE DATA

Fax Number:

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.

Email: la_mail@la.ladas.com

Correspondent Name: LADAS & PARRY LLP

Address Line 1: 5670 WILSHIRE BLVD. SUITE 2100
Address Line 4: LOS ANGELES, CALIFORNIA 90036

ATTORNEY DOCKET NUMBER:	B-9097PCT 630836-7	
NAME OF SUBMITTER:	AZATUHI CHINARYAN	
SIGNATURE:	/AZATUHI CHINARYAN/	
DATE SIGNED:	03/17/2017	

Total Attachments: 3

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PATENT REEL: 041624 FRAME: 0647 source=630836_Assignment_Signed#page3.tif

PATENT REEL: 041624 FRAME: 0648

ASSIGNMENT

WHEREAS, I/we, <u>Woojin AHN</u> of <u>Seoul, Korea, Yongho KIM</u> of <u>Incheon, Korea, Jinsam KWAK</u> of <u>Gyeonggi-do, Korea</u> and <u>Juhyung SON</u> of <u>Gyeonggi-do, Korea</u> ("Assignor"), am/are the inventor(s) of an invention entitled "WIRELESS COMMUNICATION METHOD AND WIRELESS COMMUNICATION TERMINAL" that is the subject matter of: (check all that apply)

- [x] an application for Letters Patent which claims the priority to Korean Patent Application No. 10-2014-0121771 filed on September 15, 2014.
- [x] an application for Letters Patent which claims the priority to Korean Patent Application No. <u>10-2014-0137941</u> filed on <u>October 13, 2014</u>.
- [x] an application for Letters Patent which claims the priority to Korean Patent Application No. 10-2014-0148481 filed on October 29, 2014.
- [x] an application made under the Patent Cooperation Treaty which is identifiable at WIPO by Application No. PCT/KR2015/009663 filed on September 15, 2015,
- [x] an application for Letters Patent which is identifiable in the Patent Office of US by Application No. 15/511,581 filed on March 15, 2017;

WHEREAS, <u>WILUS INSTITUTE OF STANDARDS AND TECHNOLOGY INC.</u>, an <u>institute</u> organized and existing under the laws of <u>Korea</u> ("Assignee"), and having offices at <u>(Jeong-hwan Bidg., Yangjae-dong)</u> <u>2F 48 Mabang-ro Seocho-gu, Seoul, Korea 06776</u> is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection

[x]	in the United States
וו	in all other countries or jurisdictions:

"NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged,

- a) I/we agree to transfer, and
- b) I/we do hereby transfer,

to Assignee, its successors and assigns, effective as of <u>September 15, 2014</u> nunc pro tunc, my/our entire right, title and interest in the above named countries and jurisdictions in and to the following including the right to sue for past infringement: the invention, the above-identified applications, all applications from which any of the above-identified applications claim priority, corresponding U.S. and non-U.S. applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention, and I/we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee."

I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in the above named countries and jurisdictions and appoint Assignee the common representative in the above identified international application and any international application for the invention.

I/We represent to the Assignee, its successors and assigns, that I/we shall not execute any writing or do any act whatsoever conflicting with this Assignment. I/We, my/our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, including without limitation providing testimony in any related interference, litigation or proceeding. To the extent that I/we, my/our executors or administrators are unable or unavailable to execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as Assignee, its successors and assigns may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, I/we, my/our executors or administrators hereby authorize Assignee, its successors and assigns to act on my/our behalf/behalves.

If any provision(s) of this Assignment are held unenforceable or in conflict with the law of any jurisdiction, the validity of the remaining provisions will not be affected by such holding and the part held unenforceable in or in conflict with the law of one jurisdiction will remain in effect for other jurisdictions until held unenforceable or in conflict with the law of that jurisdiction.

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	Woojin AHN
	(Inventor / Assignor)
•	Mov. 6 . 2×19
	Mongho Cim
	(Inventor / Assignor)
	Mar, 6, 20/11

Jinsan KWAK
(Inventor / Assignor)

Mar. 6 20 //
Date

Juhyung SON
(Inventor / Assignor)

Mar 6 2011

RECORDED: 03/17/2017