

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
	BONGHOE KIM	03/20/2017	
	HANBYUL SEO	03/20/2017	
	MANYOUNG JUNG	03/20/2017	
RECEIVING PARTY DATA			
Name:	LG ELECTRONICS INC		
Street Address:	128, YEOUNI-DAERO, YEONGDEUNGPO-GU		
City:	SEOUL		
State/Country:	KOREA, REPUBLIC OF		
Postal Code:	07336		
PROPERTY NUMBERS Total: 1			
	Property Type	Number	
	Application Number:	15523666	
CORRESPONDENCE DATA			
Fax Number:	(213)623-2221		
<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:	213-623-2221		
Email:	patent@lhlaw.com		
Correspondent Name:	LEE, HONG, DEGERMAN, KANG & WAIMEY		
Address Line 1:	660 S. FIGUEROA STREET		
Address Line 2:	SUITE 2300		
Address Line 4:	LOS ANGELES, CALIFORNIA 90017		
ATTORNEY DOCKET NUMBER:	2101-70981		
NAME OF SUBMITTER:	HARRY S. LEE		
SIGNATURE:	/Harry S. Lee/		
DATE SIGNED:	05/01/2017		
Total Attachments: 1			
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ASSIGNMENT(1-8) *Insert Name(s) of
Inventor(s)*

(1) Bonghoe KIM (5)
 (2) Hanbyul SEO (6)
 (3) Manyoung JUNG (7)
 (4) (8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) *Insert name of Assignee*

(9) LG Electronics Inc.

(10) *Insert state of Incorporation
of Assignee*

(10) Republic of Korea

(11) *Insert address of Assignee*

(11) 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 07336, Republic of Korea
 (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) *Insert identification of
Invention, such as Title,
Case Number or Foreign
Application Number*

(12) **DATA BUFFERING METHOD AND APPARATUS FOR HYBRID
 AUTOMATIC REPEAT REQUEST IN WIRELESS ACCESS SYSTEM
 SUPPORTING NON-ORTHOGONAL MULTIPLE ACCESS SCHEME**

for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

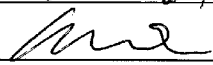
2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

The undersigned hereby appoints **the Attorneys associated with Customer No. 35884** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 2017.3.20Signature of Inventor (1) Date: 2017.3.20Signature of Inventor (2) Date: 2017.3.20Signature of Inventor (3) **PATENT****RECORDED: 05/01/2017****REEL: 042198 FRAME: 0335**