

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	KYUHWAN KWAK	03/10/2017
	SUCKCHEL YANG	03/13/2017
	SEONWOOK KIM	03/13/2017
RECEIVING PARTY DATA		
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City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	07336	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15442585	
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DATE SIGNED:	05/15/2017	
Total Attachments: 1		
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ASSIGNMENT

(1-8) <i>Insert Name(s) of Inventor(s)</i>	(1) Kyuhwan KWAK	(5)
	(2) Suckchel YANG	(6)
	(3) Seonwook KIM	(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) <i>Insert name of Assignee</i>	(9) LG Electronics Inc.
(10) <i>Insert state of Incorporation of Assignee</i>	(10) Republic of Korea
(11) <i>Insert address of Assignee</i>	(11) 128, Yeouil-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) <i>Insert identification of Invention, such as Title, Case Number or Foreign Application Number</i>	(12) METHOD AND APPARATUS FOR TRANSMITTING UPLINK CONTROL INFORMATION IN A WIRELESS COMMUNICATION SYSTEM 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.

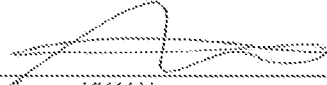
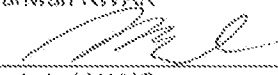
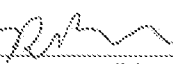
2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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. 035884 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: <u>2019. 03. 10</u>	Signature of Inventor (1) <u></u> Kyuhwan KWAK
Date: <u>2019. 3. 13</u>	Signature of Inventor (2) <u></u> Suckchel YANG
Date: <u>2019. 3. 13</u>	Signature of Inventor (3) <u></u> Seonwook KIM

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RECORDED: 05/15/2017

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