

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2638818

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>DONG YOUN SEO</td> <td>09/19/2013</td> </tr> <tr> <td>MIN GYU KIM</td> <td>11/13/2013</td> </tr> <tr> <td>SUCK CHEL YANG</td> <td>09/23/2013</td> </tr> <tr> <td>JOON KUI AHN</td> <td>09/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	DONG YOUN SEO	09/19/2013	MIN GYU KIM	11/13/2013	SUCK CHEL YANG	09/23/2013	JOON KUI AHN	09/23/2013
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MIN GYU KIM	11/13/2013										
SUCK CHEL YANG	09/23/2013										
JOON KUI AHN	09/23/2013										
RECEIVING PARTY DATA											
Name:	LG ELECTRONICS INC.										
Street Address:	20 YEOUIDO-DONG, YEONGDEUNGPO-GU										
City:	SEOUL										
State/Country:	KOREA, REPUBLIC OF										
Postal Code:	150-721										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14004795</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14004795						
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Application Number:	14004795										
CORRESPONDENCE DATA											
Fax Number:	(202)496-7756										
Phone:	2024967500										
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	MCKENNA LONG AND ALDRIDGE LLP										
Address Line 1:	1900 K STREET, NW										
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20006										
ATTORNEY DOCKET NUMBER:	8737.00763.US00										
NAME OF SUBMITTER:	MICHAEL I. ANGERT										
Signature:	/Michael I. Angert Reg#46522/										

CH \$40.00 14004795

Date:

12/05/2013

Total Attachments: 4

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## Assignment of Application

WHEREAS, I (WE)	SEO, Dong Youn ; KIM, Min Gyu ; YANG, Suck Chel and AHN, Joon Kui		
respectively, have invented certain new and useful improvements in:			
<b>METHOD AND DEVICE FOR TRANSMITTING ACK/NACK IN WIRELESS COMMUNICATION SYSTEM</b>			
for which an application for Letters Patent was executed on			
(Application No.	14/004,795	, Filed	September 12, 2013
), and			
WHEREAS,	<b>LG ELECTRONICS INC.</b> (hereinafter referred to as "ASSIGNEE")		
having a place of business at: 20, Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721, Republic of Korea,			

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

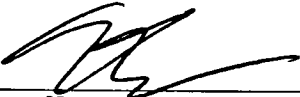
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.


Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

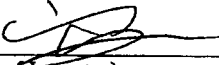
The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

12FCCM237US02

Date: 2013. 9. 19   
\_\_\_\_\_  
(Signature of Inventor)  
SEO, Dong Youn

Date: \_\_\_\_\_  
\_\_\_\_\_  
(Signature of Inventor)  
KIM, Min Gyu

Date: 2013. 9. 23   
\_\_\_\_\_  
(Signature of Inventor)  
YANG, Suck Chel

Date: 2013. 9. 23   
\_\_\_\_\_  
(Signature of Inventor)  
AHN, Joon Kui

**McKenna Long & Aldridge LLP**  
Attorneys At Law  
1900 K Street, N.W.  
Washington, D.C. 20006

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Docket No.:

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Date: \_\_\_\_\_  
(Signature of Inventor)  
SEO, Dong Youn

Date: 2013.11.13 \_\_\_\_\_  
(Signature of Inventor)  
KIM, Min Gyu

Date: \_\_\_\_\_  
(Signature of Inventor)  
YANG, Suck Chel

Date: \_\_\_\_\_  
(Signature of Inventor)  
AHN, Joon Kui

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