

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2657809

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>JIN YOUNG CHUN</td> <td>11/18/2013</td> </tr> <tr> <td>KI TAE KIM</td> <td>11/18/2013</td> </tr> <tr> <td>SU NAM KIM</td> <td>11/18/2013</td> </tr> <tr> <td>JI WON KANG</td> <td>11/22/2013</td> </tr> <tr> <td>BIN CHUL IHM</td> <td>12/01/2013</td> </tr> <tr> <td>SUNG HO PARK</td> <td>11/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	JIN YOUNG CHUN	11/18/2013	KI TAE KIM	11/18/2013	SU NAM KIM	11/18/2013	JI WON KANG	11/22/2013	BIN CHUL IHM	12/01/2013	SUNG HO PARK	11/18/2013
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>LG ELECTRONICS INC.</td> </tr> <tr> <td>Street Address:</td> <td>20 YEOUIDO-DONG, YEONGDEUNGPO-GU</td> </tr> <tr> <td>City:</td> <td>SEOUL</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>150-721</td> </tr> </table>		Name:	LG ELECTRONICS INC.	Street Address:	20 YEOUIDO-DONG, YEONGDEUNGPO-GU	City:	SEOUL	State/Country:	KOREA, REPUBLIC OF	Postal Code:	150-721				
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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>14128484</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14128484										
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Application Number:	14128484														
CORRESPONDENCE DATA															
Fax Number:	(202)496-7756														
Phone:	2024967106														
Email:	mlaip@mckennalong.com														
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
Correspondent Name:	MCKENNA LONG & ALDRIDGE LLP														
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Address Line 2:	ATTORNEY DOCKET NO. 8737.00841.US00														
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20006														
ATTORNEY DOCKET NUMBER:	8737.00841.US00														

NAME OF SUBMITTER:	MICHAEL I. ANGERT
Signature:	/Michael I. Angert #46522/
Date:	12/20/2013
<b>Total Attachments: 4</b> source=8737_00841_US00_Assignment#page1.tif source=8737_00841_US00_Assignment#page2.tif source=8737_00841_US00_Assignment#page3.tif source=8737_00841_US00_Assignment#page4.tif	

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## Assignment of Application

WHEREAS, I (WE)	CHUN, Jin Young; KIM, Ki Tae; KIM, Su Nam; KANG, Ji Won; IHM, Bin Chul and PARK, Sung Ho		
respectively, have invented certain new and useful improvements in:			
<b>METHOD AND DEVICE FOR DOWNLINK CONTROL CHANNEL ALLOCATION IN WIRELESS COMMUNICATION SYSTEM</b>			
for which an application for Letters Patent was executed on			
(Application No.		, Filed	), 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.

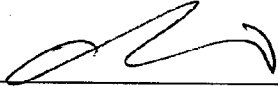
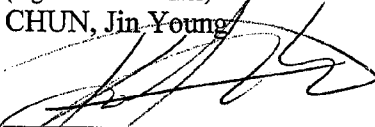
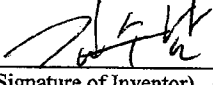
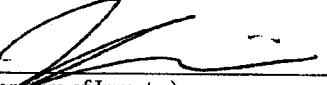
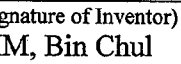
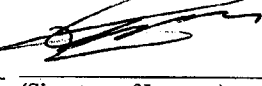
I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the 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

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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: Nov. 18th, 2013	 (Signature of Inventor) CHUN, Jin Young
Date: Nov. 18th, 2013	 (Signature of Inventor) KIM, Ki Tae
Date: Nov. 18th, 2013	 (Signature of Inventor) KIM, Su Nam
Date: Nov 22nd 2013	 (Signature of Inventor) KANG, Ji Won
Date:	 (Signature of Inventor) IHM, Bin Chul
Date: Nov. 18th - 2013	 (Signature of Inventor) PARK, Sung Ho

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

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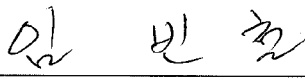
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Date: \_\_\_\_\_  
(Signature of Inventor)  
CHUN, Jin Young

Date: \_\_\_\_\_  
(Signature of Inventor)  
KIM, Ki Tae

Date: \_\_\_\_\_  
(Signature of Inventor)  
KIM, Su Nam

Date: \_\_\_\_\_  
(Signature of Inventor)  
KANG, Ji Won

Date: 1st Dec 2013   
(Signature of Inventor)  
IHM, Bin Chul

Date: \_\_\_\_\_  
(Signature of Inventor)  
PARK, Sung Ho

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