

PATENT ASSIGNMENT

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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>Jung Hoon Lee</td><td>01/21/2009</td></tr><tr><td>Joon Kui Ahn</td><td>01/21/2009</td></tr></tbody></table>	Name	Execution Date	Jung Hoon Lee	01/21/2009	Joon Kui Ahn	01/21/2009	
Name	Execution Date						
Jung Hoon Lee	01/21/2009						
Joon Kui Ahn	01/21/2009						
RECEIVING PARTY DATA							
Name:	LG Electronics Inc.						
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City:	Seoul						
State/Country:	REPUBLIC OF KOREA						
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>12331464</td></tr></tbody></table>	Property Type	Number	Application Number:	12331464			
Property Type	Number						
Application Number:	12331464						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	19819-0267001						
NAME OF SUBMITTER:	Sharon M. Allen						
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Attorney's Docket No.: 19819-0267001 / OPP-TZ-2008-0209-US-00/CT (LG: 08FCCM346US01)

ASSIGNMENT

For valuable consideration, we, JUNG HOON LEE of LG Institute, Hogue 1(il)-dong, Dongan-gu, Anyang-si, Gyeonggi-do (431-749), Republic of Korea and JOON KUI AHN of LG Institute, Hogue 1(il)-dong, Dongan-gu, Anyang-si, Gyeonggi-do (431-749) Republic of Korea, hereby assign to: LG Electronics Inc., a corporation of Republic of Korea having a place of business at: 20, Yeouido-dong, Yeongdeungpo-gu, Seoul, Republic of Korea; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled METHOD FOR PHYSICAL CONTROL FORMAT INDICATOR CHANNEL MAPPING, filed December 10, 2008, and assigned U.S. Serial Number 12/331,464, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.



JUNG HOON LEEDate: 1/21/2009

JOON KUI AHNDate: 1/21/2009

Witnessed by:

Name: SOJUNG LEEDate: 1/21/2009