

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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 Soo Kim</td><td>12/19/2008</td></tr><tr><td>Hee Suk Pang</td><td>12/19/2008</td></tr><tr><td>Jae Hyun Lim</td><td>12/19/2008</td></tr><tr><td>Sung Yong Yoon</td><td>12/19/2008</td></tr><tr><td>Hyun Kook Lee</td><td>12/19/2008</td></tr></tbody></table>	Name	Execution Date	Dong Soo Kim	12/19/2008	Hee Suk Pang	12/19/2008	Jae Hyun Lim	12/19/2008	Sung Yong Yoon	12/19/2008	Hyun Kook Lee	12/19/2008	
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Hyun Kook Lee	12/19/2008												
RECEIVING PARTY DATA													
Name:	LG Electronics Inc.												
Street Address:	20, Yeouido-dong, Yeongdeungpo-gu												
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>12438929</td></tr></tbody></table>	Property Type	Number	Application Number:	12438929									
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CORRESPONDENCE DATA													
Fax Number: (877)769-7945 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	24622-0157US1												
NAME OF SUBMITTER:	Sjon M. Pelletier												

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REEL: 022319 FRAME: 0143

Total Attachments: 2

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PATENT

REEL: 022319 FRAME: 0144

ASSIGNMENT

For valuable consideration, we, **KIM, Dong Soo** of 1502, Woorim Villa, #602-265, Namhyeon-dong, Gwanak-gu, Seoul 151-801 Korea, **PANG, Hee Suk** of 101, 4/7, #14-10 Yangjae-dong, Seocho-gu, Seoul 137-130 Korea, **LIM, Jae Hyun** of 609, Parkvill Officetel, #1062-20, Namhyeon-dong, Gwanak-gu 151-801 Seoul, Korea, **YOON, Sung Yong** of #104-311 Sunsa Hyundai Apt., Amsa-dong, Kangdong-ku, Seoul 134-050, Korea, **LEE, Hyun Kook** of #102-3105 I-Park Apt., Jungja1-dong, Budang-ku, Sungnam-si, Kyunggi-do 463-010 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, KR 150-721; 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 **METHODS AND APPARATUSES FOR ENCODING AND DECODING OBJECT-BASED AUDIO SIGNALS**, filed February 25, 2009, and assigned U.S. Serial Number 12/438,929, 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.

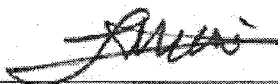
Date: Dec. 19, 2008


DONG SOO KIM

Date: DEC, 19, 2008


HEE SUK PANG

Date: Dec. 19, 2008


JAE HYUN LIM

Date: Dec. 19, 2008


SUNG YONG YOON

Date: Dec. 19, 2008


HYUN KOOK LEE

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