

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yang Won Jung</td> <td>07/08/2008</td> </tr> <tr> <td>Hee Suk Pang</td> <td>07/08/2008</td> </tr> <tr> <td>Hyen O Oh</td> <td>07/08/2008</td> </tr> <tr> <td>Dong Soo Kim</td> <td>07/08/2008</td> </tr> <tr> <td>Jae Hyun Lim</td> <td>07/08/2008</td> </tr> </tbody> </table>		Name	Execution Date	Yang Won Jung	07/08/2008	Hee Suk Pang	07/08/2008	Hyen O Oh	07/08/2008	Dong Soo Kim	07/08/2008	Jae Hyun Lim	07/08/2008
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Dong Soo Kim	07/08/2008												
Jae Hyun Lim	07/08/2008												
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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12278774</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12278774								
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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>													
Phone:	650-839-5070												
Email:	sqp@fr.com												
Correspondent Name:	Kirk A. Gottlieb												
Address Line 1:	FISH & RICHARDSON P.C.												
Address Line 2:	P.O.BOX 1022												
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022												
ATTORNEY DOCKET NUMBER:	19819-0274US1												
NAME OF SUBMITTER:	Sjon M. Pelletier												

CH \$40.00 12278774

Total Attachments: 2

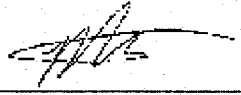
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ASSIGNMENT

For valuable consideration, we, Hee Suk PANG of Seoul, Korea; Dong Soo KIM of Seoul, Korea; Jae Hyun LIM of Seoul, Korea; Hyun O OH of Kyunggi-do, Korea; and Yang Won JUNG, Seoul Korea; hereby assign to LG ELECTRONICS INC., a corporation of KOREA, having a place of business at 20, Yoido-dong, Youngdungpo-gu, Seoul, 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 APPARATUS AND METHOD FOR ENCODING/DECODING SIGNAL, filed August 7, 2008, and assigned U.S. Serial Number 12/278,774, 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: 2008. 7. 8



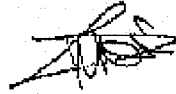
Hee Suk PANG

DATE: July 8, 2008



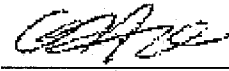
Dong Soo KIM

DATE: 7/8/2008



Jae Hyun LIM

DATE: 2008. 07. 08



Hyun O OH

DATE: July 8 / 2008



Yang Won JUNG

Witnessed by:

Name: SOJUNG CEE
이소정

Date: July 8, 2008