

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hee Suk PANG	12/01/2006
Dong Soo Kim	12/01/2006
Jae Hyun LIM	12/01/2006
Hyen O. Oh	12/01/2006
Yang Won Jung	12/01/2006
RECEIVING PARTY DATA	
Name:	LG Electronics, Inc.
Street Address:	Intellectual Property Dept LG Twin Towers
Internal Address:	20 Yeouido-dong, Yeongdeungpo-gu
City:	Seoul, 150-721
State/Country:	KOREA, REPUBLIC OF
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11541472
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(650) 839-5112
Email:	kmj@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:	19819-054001
NAME OF SUBMITTER:	Kathy Jordan

CH \$40.00 11541472

500196219

PATENT
REEL: 018653 FRAME: 0537

Total Attachments: 3

source=assignment#page1.tif

source=assignment#page2.tif

source=assignment#page3.tif

PATENT

REEL: 018653 FRAME: 0538

Attorney Docket No: 19819-054001/OPP-WZ-2006-0185-US-00

ASSIGNMENT

For valuable consideration, we, HEE SUK PANG of 101, #14-10, Yangjae-dong, Seocho-gu, Seoul, Republic of Korea, DONG SOO KIM of 502, Woolim Villa, #602-265, Namhyeon-dong, Gwanak-gu, Seoul 151-801, Republic of Korea, IAE HYUN LIM of 609, Parkvill Officetel, #1062-20, Namhyeon-dong, Gwanak-gu, Seoul, Korea, HYEN O. OH of 306-403, Gangseon Maeul 3-danji AP., Juyeop 1(il)-dong, Ilseong-gu, Goyang-si, Gyeonggi-do, Korea, YANG WON JUNG of 2-803, Yeoksam Hanshin Apt., Dogok-dong, Gangnam-gu, Seoul 135-270, Korea, hereby assign to: LG Electronics Inc., a corporation of KOREA having a place of business at 20, Yoido-dong, Youngdungpo-gu, Seoul, 150-721, 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 REMOVING TIME DELAYS IN SIGNAL PATHS, filed 9/29/2006, and assigned U.S. Serial Number 11/541,472, 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.

Attorney Docket No: 19819-054001/OPP-WZ-2006-0185-US-00



HEE SUK PANG

Witnessed by:

Name: 

Jang, Soo Young

Date: Dec. 1, 2006Name: Kim

Kim, Yoon Hee

Date: Dec. 1, 2006

DONG SOO KIM

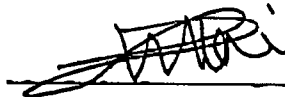
Witnessed by:

Name: 

Jang, Soo Young

Date: Dec. 1, 2006Name: Kim

Kim, Yoon Hee

Date: Dec. 1, 2006

JAE HYUN LIM

Witnessed by:

Name: 

Jang, Soo Young

Date: Dec. 1, 2006Name: Kim

Kim, Yoon Hee

Date: Dec. 1, 2006

Attorney Docket No: 19819-054001/OPP-WZ-2006-0185-US-00



HYEN O. OH

Witnessed by:

Name:



Date:

Dec. 1, 2006

Jang, Soo Young

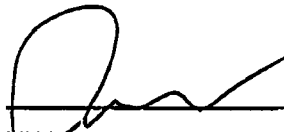
Name:



Date:

Dec. 1, 2006

Kim, Yoon Hee



YANG WON JUNG

Witnessed by:

Name:



Date:

Dec. 1, 2006

Jang, Soo Young

Name:



Date:

Dec. 1, 2006

Kim, Yoon Hee

.50380652.doc

PATENT

RECORDED: 12/19/2006

REEL: 018653 FRAME: 0541