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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Li-Hsiang SUN	04/27/2012

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.
Street Address:	20 Yeouido-dong, Yeongdeungpo-gu
City:	Seoul
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13458427

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ATTORNEY DOCKET NUMBER: 5438-0322PUS1

NAME OF SUBMITTER: Esther H. Chong

Total Attachments: 2

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PATENT REEL: 028127 FRAME: 0710 TOP \$40.00 13458427

AttorneyDocket: 5438-0322PUS1

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application N	i. 13/458,427 Filed April 27, 2012				
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***				
	WHEREAS, Li-Hsiang SUN (hereinafter designated as the undersigned) and useful improvements in:) has (have) invented certain new			
Insert Title of Invention					
	for which an application for Letters Patent of the United States of Anundersigned (except in the case of a provisional application)	nerica has been executed by the			
Insert Date of Signing of	On <u>April 27, 2012</u>	; and			
Application Insert Name	WHEREAS, LG ELECTRONICS INC.				
of Assignee Insert Address of Assignee	of 20 Yeouido-dong, Yeongdeungpo-gu, Seoul, 150-721 Republic of Kor	rea			
СНЕСК ВОХ	its heirs, successors, legal representatives and assigns (hereinafter design of acquiring the entire right, title and interest in and to said invention at that may be granted therefor in the United States of America and in any foreign countries.				
IF APPROPRIATE	NOW, THEREFORE, for good and valuable consideration, the receipt of the undersigned has (have) sold, assigned and transferred, and by the transfer unto said Assignee the full and exclusive right to the said in America, its territories, dependencies and possessions and the entire right and all Letters Patent(s) which may be granted therefor in the United dependencies and possessions, and if the box above is designated, in any any and all divisions, reissues, continuations, conversions and extensions.	se presents does sell, assign and avention in the United States of at, title and interest in and to any States of America, its territories, and all foreign countries; and to			

Page 1 of 2

PATENT REEL: 028127 FRAME: 0711 EHC/MEM/rtl

terms for which the same may be granted.

Attorney Docket: 5438-0322PUS1

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

(signature) Li-Hsiang SUN Date April 21.2012, Name of Inventor

PATENT REEL: 028127 FRAME: 0712