PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYUN BYUNG CHA	05/19/2014
EUN BONG LEE	05/19/2014
JAE SUNG GO	05/19/2014

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	REPUBLIC OF KOREA
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29493335

CORRESPONDENCE DATA

Fax Number: (202)739-3001

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 202.739.3000

Email: patents@morganlewis.com, ateckman@morganlewis.com

Correspondent Name: ROBERT J. GAYBRICK

Address Line 1: 1111 PENNSYLVANIA AVE, NW Address Line 4: WASHINGTON, D.C. 20004

ATTORNEY DOCKET NUMBER:	001401-7128
NAME OF SUBMITTER:	ROBERT J. GOODELL
SIGNATURE:	/Robert J. Goodell/
DATE SIGNED:	06/09/2014

Total Attachments: 2

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PATENT 502843507 REEL: 033058 FRAME: 0601

ATTORNEY DOCKET NO.: 041993-SOLE/JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

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for which I/WE executed an application for United States Letters Patent concurrently herewith; or fi	led an
application for United States Letters Patent on, (Application No); and	

WHEREAS, LG ELECTRONICS INC., a corporation of the Republic of Korea, whose post office address is 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 150-721, Korea, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/WE I		
full Name of Sole or First Assignor	Assignor's Signature	Date
Hyun Byung CHA	2 00 00	May 19, 2014
Address		Citizenship
19, Yangjae-daero 11-gil, Seocho-gu, Seoul, Kore	a	Korean
ull Name of Second Assignor	Assignor's Signature //	Date
Eun Bong LEE	1/8/8	May 19, 2014
Address		Citizenship
19, Yangjae-daero 11-gil, Seocho-gu, Scoul, Kore	a	Korean

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration

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Full Name of Third Assignor	Assignor's Signature 7 34	Date
Jae Sung GO		May 19, 2014
Address		Citizenship
19, Yangjae-daero 11-gil, Seocho-gu, Seoul, Korea		Korean
Full Name of Fourth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Fifth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Sixth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Seventh Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eighth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Eleventh Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached	Yes No	

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RECORDED: 06/09/2014