503127079 01/07/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3173688

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUNGYUL SAKONG	01/06/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14591791

CORRESPONDENCE DATA

Fax Number: (703)766-3644

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: 7037663777

Email: assigned@ked-iplaw.com
Correspondent Name: KED & ASSOCIATES, LLP

Address Line 1: P.O. BOX 8638

Address Line 4: RESTON, VIRGINIA 20195

ATTORNEY DOCKET NUMBER:	LGE-0246
NAME OF SUBMITTER:	PAUL H. KANG
SIGNATURE:	/Paul H. KANG/
DATE SIGNED:	01/07/2015

Total Attachments: 1

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PATENT 503127079 REEL: 034657 FRAME: 0612

Docket No.: LGE-0246

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(f)	sufficiency of which is hereby acknowled	dged, the undersigned,	
who have made a certain new and useful invention, hereby sell, assign and transfer unto LG ELECTRONICS INC. 128. Yeoui-daero, Yeongdeungpo-gu Scoul, 150-721 Republic of Korea its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United State of America as defined in 35 U.S.C. 100 in the invention entitled DISPLAY DEVICE (a) for which an application for United States Letters Patent was filed on, and identified by Unite States Scrial No, or (b) for which an application for United States Letters Patent was executed on, and identified by Unite States Scrial No, or (b) for which an application for United States Letters Patent was executed on, and identified by Unite States Scrial No, or (a) the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to iss and the undersigned hereby authorize and request the United States and request the United States and the right to all benefits under the International Convention for the Protection of Industrial Proper to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives, the undersigne agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE. AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon record of the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE full protection and ride in and to the invention hereby transferred. AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making proper when the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE full protection and ride in and to the invention hereby transferred. Name: Jungyul	(1) Jungyul SAKONG	(4)
who have made a certain new and useful invention, hereby sell, assign and transfer unto LG ELECTRONICS INC. 128. Yeoui-dacto, Yeongdeungpo-gu Scoul, 150-721 Republic of Korea its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United State of America as defined in 35 U.S.C. 100 in the invention entitled DISPLAY DEVICE (a) for which an application for United States Letters Patent was filed on, and identified by Unite States Serial No, or (b) for which an application for United States Letters Patent was executed on, and identified by United States Interest and Trademarks to is say and all United States Letters Patent who were an extensions, divisions, reissues, substitutes, renewals, continuations, or continuations and Trademarks to is any and all United States Letters Patent which may be guarted therefor and/or that claim priority thereto and are right to all benefits under the International Convention for the Protection of Industrial Proper to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigne agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE; AND the undersigned hereby agree to transfer all like interest, and to render all necessary assistance in makin application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon reque of the said ASSIGNEE, its successors, assigns and legal representatives, demended as improvements, and applications for patent based thereon, growing out of or related to the said invention, and to as improvements, and applications for patent based thereon, growing out of or related to the said invention, and to execu any papes by the said ASSIGNEE, its successors, assigns and legal representatives, demended essential to ASSIGNEE for the province of the said assignment any further identification that may be necessary as against and the rules	(2)		
LG ELECTRONICS INC. 128, Yeoui-daero, Yeongdeungpo-gu Scoul, 150-721 Republic of Korea its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United State of America as defined in 35 U.S.C. 100 in the invention entitled DISPLAY DEVICE (a) for which an application for United States Letters Patent was filed on, and identified by Unite States Serial No, or			
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of America as defined in 35 U.S.C. 100 in the invention entitled DISPLAY DEVICE (a) for which an application for United States Letters Patent was filed on, and identified by Unite States Serial No, or (b) for which an application for United States Letters Patent was executed on, and identified by Unite States Letters Patent which may be granted therefor and/or that claim priority thereto and any and a United States Letters Patent which may be granted therefor and/or that claim priority thereto and any and a wirestnassions, divisions, resistues, substitutes, renewals, continuations, or continuations-in-part thereof and/or that claim priority thereto, and the right to all benefits under the International Convention for the Protection of Industrial Proper to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives, the undersigned patent of the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon reque of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to a improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execus any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE full protection and tide in and to the invention hereby transferred. AND the undersigned hereby grants the firm of KED & ASSOCIATES, LLP the power to insert on the assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuit authority, including the United States Patent and Trademark Office, for recordation of this document. SIGNED on the dates indicated aside our signatures: Name: Name: Jungyul SAKONG	1	28, Yeoui-daero, Yeong	deungpo-gu
(a) for which an application for United States Letters Patent was filed on	its successors and assigns (hereinafter d of America as defined in 35 U.S.C. 100 i	esignated "ASSIGNEE") t in the invention entitled	he entire right, title and interest for the United States
(b) for which an application for United States Letters Patent was executed on January 6, 2015 and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issay and all United States Letters Patent which may be granted therefor and/or that claim priority thereto and any and sextensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof and/or that claim priority thereto, and the right to all benefits under the International Convention for the Protection of Industrial Proper to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersign agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE; AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon reque of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to an improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execut any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE full protection and title in and to the invention hereby transferred. AND the undersigned hereby grants the firm of KED & ASSOCIATES, LLP the power to insert on the assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuif authority, including the United States Patent and Trademark Office, for recordation of this document. SIGNED on the dates indicated aside our signatures: INVENTORS DATE SIGNED 1. 1.6.2015 Name: Name: Name:		DISPLAY DEV	ICE
and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to isst any and all United States Letters Patent which may be granted therefor and/or that claim priority thereto and any and extensions, divisions, resisues, substitutes, renewals, continuations, or continuations-in-part thereof and/or that clair priority thereto, and the right to all benefits under the International Convention for the Protection of Industrial Proper to the said ASSIGNEB, for its interest as ASSIGNEB, its successors, assigns and legal representatives; the undersigne agree that the attorneys of record in said applications shall hereafter act on behalf of said ASSIGNEB; AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in makin application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon reque of the said ASSIGNEB; its successors, assigns and legal representatives, and without further remuneration, in and to an improvements, and applications for patent based thereon, growing out of or related to the said invention, and to execut any papers by the said ASSIGNEB, its successors, assigns and legal representatives, deemed essential to ASSIGNEB full protection and take in and to the invention hereby transferred. AND the undersigned hereby grants the firm of KED & ASSOCIATES, LLP the power to insert on the assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuit authority, including the United States Patent and Trademark Office, for recordation of this document. SIGNED on the dates indicated aside our signatures: Name: Jungyul SAKONG Name: Aname: Aname: Aname: Name:	States Serial No; o	£ .	
any and all United States Letters Patent which may be granted therefor and/or that claim priority thereto and any and extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof and/or that claim priority thereto, and the right to all benefits under the International Convention for the Protection of Industrial Proper to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE; AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon reque of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to a minprovements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE full protection and tute in and to the invention hereby transferred. AND the undersigned hereby grants the firm of KED & ASSOCIATES, LLP the power to insert on the assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuit authority, including the United States Patent and Trademark Office, for recordation of this document. SIGNED on the dates indicated aside our signatures: INVENTORS DATE SIGNED 1, 6, 29/5 Name: Name: Anne: 1, 6, 29/5 Name: 5) Name:	(b) for which an application for United	States Letters Patent was e	xecuted on January 6, 2015
application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon reque of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to as improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE full protection and title in and to the invention hereby transferred. AND the undersigned hereby grants the firm of KED & ASSOCIATES, LLP the power to insert on the assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuir authority, including the United States Patent and Trademark Office, for recordation of this document. SIGNED on the dates indicated aside our signatures: INVENTORS DATE SIGNED 1) Name: Jungyul SAKONG Aname: Aname:	any and all United States Letters Patent extensions, divisions, reissues, substitut priority thereto, and the right to all bene to the said ASSIGNEE, for its interest	which may be granted ther tes, renewals, continuation fits under the Internationa as ASSIGNEE, its success	efor and/or that claim priority thereto and any and all s, or continuations-in-part thereof and/or that claim I Convention for the Protection of Industrial Property ors, assigns and legal representatives; the undersigned
authority, including the United States Patent and Trademark Office, for recordation of this document. SIGNED on the dates indicated aside our signatures: INVENTORS DATE SIGNED 1, 6, 20/5 Name: Jungyul SAKONG Name: Name:	application for and obtaining original, of of the said ASSIGNEE, its successors, improvements, and applications for pate any papers by the said ASSIGNEE, its full protection and title in and to the inv AND the undersigned hereby	livisional, reissued or exten assigns and legal representa ent based thereon, growing successors, assigns and le- rention hereby transferred. grants the firm of KED	ded Letters Patent of the United States, upon request tives, and without further remuneration, in and to any out of or related to the said invention; and to execute gal representatives, deemed essential to ASSIGNEE's & ASSOCIATES, LLP the power to insert on this
INVENTORS 1)			
1) Name: Jungyul SAKONG 2) Name: Name: 4) Name: 5)	SIGNED on the dates indicated aside o	our signatures:	
2) Name: Name: Name: Name: 5)	INVENTORS		DATE SIGNED
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Name: 3)	Name: Jungyul SAKONG		
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