# 504441999 07/03/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4488700

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYA	NCE:	ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
		Name	Execution Date			
SOOKANG KIM			06/28/2017			
KANGJU LEE			06/28/2017			
WONHOE KOO			06/28/2017			
HYUNSOO LIM			06/28/2017			
MINGEUN CHOI			06/28/2017			
RECEIVING PARTY DA	TA					
Name:		SPLAY CO., LTD.				
Street Address:		EOUI-DAERO, YEONGDEUNGPO-GU				
City:	SEOUL	,				
State/Country:	KORE/	A, REPUBLIC OF				
Postal Code:	07336					
PROPERTY NUMBERS	Total: 1					
Property Type		Number				
Application Number:		15639299				
CORRESPONDENCE D	ΑΤΑ					
Fax Number:		(703)205-8050				
Correspondence will b		o the e-mail address first; if that is unsuc d; if that is unsuccessful, it will be sent v				
Correspondence will b	provided					
Correspondence will b using a fax number, if	providec	d; if that is unsuccessful, it will be sent v	via US Mail.			
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name:	providec	<i>d; if that is unsuccessful, it will be sent</i> v 703-205-8000 mailroom@bskb.com, jmassey@bskb.com BIRCH, STEWART, KOLASCH & BIRCH,	<b>via US Mail.</b> n			
Correspondence will bu using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	providec	<i>d; if that is unsuccessful, it will be sent</i> v 703-205-8000 mailroom@bskb.com, jmassey@bskb.com BIRCH, STEWART, KOLASCH & BIRCH, 8110 GATEHOUSE ROAD, SUITE 100E	<b>via US Mail.</b> n			
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Correspondence will bu using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	providec	d; if that is unsuccessful, it will be sent w 703-205-8000 mailroom@bskb.com, jmassey@bskb.com BIRCH, STEWART, KOLASCH & BIRCH, 8110 GATEHOUSE ROAD, SUITE 100E FALLS CHURCH, VIRGINIA 22042	<b>via US Mail.</b> n			
Correspondence will busing a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	providec	d; if that is unsuccessful, it will be sent w 703-205-8000 mailroom@bskb.com, jmassey@bskb.com BIRCH, STEWART, KOLASCH & BIRCH, 8110 GATEHOUSE ROAD, SUITE 100E FALLS CHURCH, VIRGINIA 22042	<b>via US Mail.</b> n			
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Correspondence will busing a fax number, if phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER:	providec	d; if that is unsuccessful, it will be sent v 703-205-8000 mailroom@bskb.com, jmassey@bskb.com BIRCH, STEWART, KOLASCH & BIRCH, 8110 GATEHOUSE ROAD, SUITE 100E FALLS CHURCH, VIRGINIA 22042 3430-0342PUS1 JENNIFER L. MASSEY	<b>via US Mail.</b> n			

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### BIRCH, STEWART, KOLASCH & BIRCH, LLP P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

### DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

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terms for which the same may be granted.

		As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
		This declaration is directed to the application attached hereto.
Application not offactied	S.	<sup>•</sup> If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:
Enter Applei, No.	ie.	<sup>b</sup> United States Application Number or PCT International Appln. No. <u>15/639,299</u>
Enter Filing Date	2	filed on June 30, 2017
		The above-identified application was made or authorized to be made by me.
		I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
		I have reviewed and understand the contents of the above-identified application, including the claims.
		I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.
		WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.
insert Name of Assignce	¢	WHEREAS, LG DISPLAY CO., LTD.
Inseri Address of Assignce	c;	of 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 07336, Republic of Korea
		Its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
Check Box if Appropriate	4	in any foreign countries.
		NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, and if the box above is designated, in any and all foreign countries; and to

PATENT REEL: 042883 FRAME: 0861

BSKB-DECASSIGN(09-12)

Page 1

any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or

#### Attorney Docket No. 6588-0151PUS1

The undersigned agrees 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 agrees 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 Letters 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 agrees 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 agrees 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 authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) 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 the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

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

#### LEGAL NAME OF INVENTOR

Invenior's Name 🤍 🕫	inventor:	Sookang KIM	Date: $28.06.20.65$
loventor's Signature ⇔		Sastang KIM	

An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

X Additional inventors are being named on the <u>1</u> supplemental sheet(s) attached hereto.

BSKB-DECASSIGM-SINGLE (09-12)



Page 2

Attorney Docket No. 6388-0151PUSI

	PPLEMENTAL SHEET FOR ARATION AND ASSIGNMENT	ADDITIONAL INVENTOR(S) Supplemental Sheet Page _1_ of _1_
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
inventor's Name 🗢	Inventor Kanglu LEE	Date: 28.6.2017
Inventor's Signature 👄	Signature: leangju, Lice	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Nome - 44	Inventor: Wonhoe KOO	Date: 28.6.2017
Inventor's Signature 🌣	20 J. C. M. A.	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name 🔗	inventor: Hyunsoo LIM	Date:
Inventor's Signature 🗠	Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
inventor's Manie 🛛 🕾	Inventor: Mingeun CHOI	Date:
hwendor's Signature - 4	Signature: Min Gellip CHOT	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name 🛛 🗢	loventor:	Date:
Inventor's Signature 👒	Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
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i	LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name 🛛 🖘 j	nventor:	Date:
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SUE		INT IN LIEU OF AN OATH			
Title of Invention	ORGANIC LIGHT-EMITTING I	DISPLAY DEVICE			
This statems	rit is directed to:		~~~~~		
The att	ached application,				
OR					
United 5	itates application or PCT inti	ernational application number <u>NEW</u>		filed or	5 <u></u> .
LEGAL NA	ME of inventor to whom	this substitute statement app	lies:		
	Name (first and middle (if ar	ny)) and Family Name or Surname)			
Hyunsoo LIM			0000000000		
Residence (e	except for a deceased or leg	ally incapacitated inventor):			
<sub>City</sub> Goyan	g-si	State Gyeonggi-do	Cai	untry KR	
	is (except for a deceased or leg	~~~~~~			
1301-1305	i, (Taeyeong Plaza, Juy	cop-dong), 1388, Jungang-ro,	Ilsa	nseo-gu	
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<sub>Oity</sub> Goyan	<u>2-si</u>	Stale Gyeonggi-do		zip 10366	Country KR
in the app The above-io I hereby ack	lication. Ientified application was ma	Int inventor to be the original invento de or authorized to be made by ma.			
		is substitute statement applies:			
As	signee,	ased or legally incapacitated invent s under an obligation to assign,	or on	y),	
		a sufficient proprietary interest in the	matte	er (petition under 37 C	CFR 1.46 is required), or
***************************************	*****	(Page 1 of 2)	******		~~~~~

This collection of information is required by 35 U.S.C. 115 and 37 CFP 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFP 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete its form and/or suggestions for reducing this burden, should be send to the Chief Information Officer, U.S. Palent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ACOPRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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	SUBSTITUTE STATEMENT					
Inventor is under legal incapacity, Inventor cannot be found or reached after diligent effort, or Inventor has refused to execute the oath or declaration under 37 CFR 1.83. If there are joint inventors, please check the appropriate box below: An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute summit Supermental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute streament Supermental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute streament Supermental Sheet (PTO/AIA/11 or equivalent) has not been submitted. Thus, a Substitute streament Supermental Sheet (PTO/AIA/11 or equivalent) has not been submitted. Thus, a Substitute submitted to be avoid submitting personal information in documents filed in a patient application that may contribute to identify theft. Personal information is presented information in documents submitted for approach submitted for the USPTO. Petitioner/applicant is cautioned to avoid submitting personal information induced in documents before submitted by the USPTO petitioner/applicant is advected for the record of a patient application or an application of the public after public after publication or an issued patient (see 37 CFR 1.14). Checks and credit are not publicity available. PERSON EXECUTING THIS SUBSTITUTE STATEMENT: Name: Junghoon Kenneth OH Date (Optional): Signature: Applicant: Name: LG Display Co., Ltd. The signer (unless provided in an application data spector) data sheet, and application data spector. Replicant State Statement; USP President, LG Display Co., Ltd. The signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent); Replicant: Name: LG Display Co., Ltd. This Substitute Statement; Vice President, LG Display Co., Ltd. The signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent); Replicant:	Circumstances permitting execution of this substitute statement:					
Inventor cannot be found or reached after diligent affort, or         Inventor has refused to execute the oath or declaration under 37 CFR 1.83.         If there are joint inventors, please check the appropriate box below:         Image: Control of the application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute strainent Superimental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute the inventive entity and providing inventor information is attached. See 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Superimental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute the submitted or credit card authorization from PTO-2038 submitted for payment purposes) is never required by the USPTC refit on a check or credit card authorization from PTO-2038 submitted for payment purposes is never required by the USPTC petitioner/applicant is advised that the record of a patient application of the public after publication of the application or an issued patent (SPER 1.13(a)) is made in the application or an issued patent (SPER 1.14). Checks and credit card authorization from PTO-2038 submitted for payment public after public at the application or an issued patent (SPER 1.14). Checks and credit card submitted or payment public and the application or an issued patent (SPER 1.14). Checks and credit card submitted submitted or an issued patent (SPER 1.14). Checks and credit card submitted submitted in the application file and therefore are not public at the application or an issued patent (SPER 1.14). Checks and credit card submitted in the application or an issued patent (SPER 1.14). Checks and credit card submitted in the application file and therefore are not public at the application or an issued patent (SPER 1.14). Checks and credit card submitted in the application forms PTO-2	Inventor is deceased.					
Inventor has refused to execute the oath or declaration under 37 CFR 1.83. If there are joint inventors, please check the appropriate box below: An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted. OR An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Supplemental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Supplemental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Supplemental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Supplemental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Supplemental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Supplemental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Supplemental Sheet (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Supplemental Sheet (PTO/AIA/14 or equivalent) has not been submitted.	Inventor is under legal	incapacity,				
If there are joint inventors, please check the appropriate box below:           If there are joint inventors, please check the appropriate box below:         Image: Imag	Inventor cannot be four	nd or reached after diligent effort,	OF			
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or is currently submitted.         OR         An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.84(b).         WARNING:         Perifioner:applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO pertitioner/applicant is advised that the record of a patent application is included in documents before submitting them to the application (miless a non-publication request in compliance with 37 CFR 1.213(a)) is available to the public after publication of the application (miless a non-publication request in compliance with 37 CFR 1.14). Checks and credit authorization forms PTO-2038 submitted for payment purposes are not retained application in sub advised to see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application forms PTO-2038 submitted for payment purposes are not retained in the application forms PTO-2038 submitted NME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:         Name:       Junghoon Kenneth OH       Date (Optional):         Signature:       I-G Display Co. LU       The signer, whose tile as supplied above, is authorized to act on behalf of the applicant.         Regionalization State application and an application data sheet, PTO/AIA/14 or equivalen	If there are joint inventors, pleas	e check the appropriate box belo	W			
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Stneet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b). WARNING: Petilioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO petitioners/applicant is advied that the record of a patent application is available to the public after publication of the application (Inless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application is a patent. Furthermore, the record from an abandoned application may available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application is available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. PERSON EXECUTING THIS SUBSTITUTE STATEMENT: Name: Junghoon Kanneth OH Signature: Applicant Name: LG Display Co., Lid The applicant is a signific centry, list the applicant name and the title of the signer. Applicant Name: LG Display Co., Lid The signer, whose the is supplied above, is authorized to act on behalf of the applicant. Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent): City Seoul City Seoul City Seoul State Display Co., Lid The signer (unless of the signer funce			14 or equivalent) naming the e	ntire inventive entity has been		
Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1 64(b).         WARNING:         Petilioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify theft. Personal information from PTO-2038 submitted to payment purposes) is never required by the USPTO retribute to identify theft. Personal information is included in documents submitted by the USPTO petitioner/applicant is adviced that the record of a patent application is available to the public after publication of the application (This type of personal information from the documents before submitting them to the USPTO petitioner/applicant is adviced that the record of a patent application is available to the public after publication of a patent application (The application is available to the public after publication or available to the public after publication of a patent available to the public after publication is application and submitted for payment purposes are not retained in the application file and therefore are not publicly available.         PERSON EXECUTING THIS SUBSTITUTE STATEMENT:         Name:       Junghoon Kenneth OH         Signature:       Date (Optional):         Signature:       Id Display Co., Ltd         Thile of Persident, LG Display.Co., Ltd       The signer (unless of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent);         City Seoul       State       Country Republic of Korea	OR					
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify that. Personal information such as social security numbers, bank account numbers, or credit card numbers to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application in an abandoned application may also be available to the public after publication forms PTO-2038 submitted for payment publication of the application is available to the public after applicant is advised to an abandoned application may also be available to the public after application forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. PERSON EXECUTING THIS SUBSTITUTE STATEMENT: Name - Junghoon Kenneth OH Date (Optional): Signature: Applicant is a signistic entity, list the applicant name and the title of the signer: LG Display Co. Ltd. Title of Person Executing This Substitute Statement; Vice President, LG Display, Co. Ltd The signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent); City Secul City Secu	Statement Supplement	al Sheet (PTO/AIA/11 or equivale	14 or equivalent) has not been int) naming the entire inventive	submitted. Thus, a Substitute entity and providing inventor		
Contribute to identify theft. Personal information such as social security numbers, bank account numbers, for credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO, patticners/applicants should consider redecting such personal information is included in documents submitting them to the application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abadoned application may also be available to the public after publication or an issued patent (see 37 CFR 1.41). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not public/gavailable.  PERSON EXECUTING THIS SUBSTITUTE STATEMENT: Name: Junghoon Kenneth OH Signature: APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT: If the application end the title of the signer: Applicant is a synific entry, list the applicant name and the title of the signer: Applicant Name: IG Display Co., Ltd. Title of Personal Executing This Substitute Statement: City Secut State Country Republic of Korea Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent): 129, Yeoui-daero, Youngdeungpo-Gu		WARNIN	G:			
Name:     Junghoon Kenneth OH     Date (Optional):       Signature:     APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:     If the applicant is a variable of the applicant name and the title of the signer:       Applicant Name:     LG Display Co., Ltd.       Title of Person Executing This Substitute Statement: Vice President, LG Display, Co., Ltd     It is supplied above, is authorized to act on behalf of the applicant.       Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):     It is country Republic of Korea       Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)     128, Yeoui-daero, Youngdeungpo-Gu	contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms					
Signature:       APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:         If the applicant is a juristic entity, list the applicant name and the title of the signer:         Applicant Name:         LG Display Co., Ltd.         Title of Person Executing This Substitute Statement: Vice President, LG Display.Co.,Ltd         The signer, whose title is supplied above, is authorized to act on behalf of the applicant.         Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent);         City Seoul       State         Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)         128, Yeoui-daero, Youngdeungpo-Gu         City Seoul       State         Zip 07336       Country KR	PERSON EXECUTING THIS SUB	STITUTE STATEMENT:				
Signature:	Name: Junghoon Kenneth OH			Date (Optional):		
If the applicant is a juristic entity, list the applicant name and the title of the signer:          Applicant Name:       LG Display Co., Ltd.         Title of Person Executing The signer, whose title is supplied above, is authorized to act on behalf of the applicant.         Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):         City Secul       State         Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)         128, Yeoul-daero, Youngdeungpo-Gu         City Secul       State         City Secul       State         City Secul       State         Country Republic of Korea       Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)         128, Yeoul-daero, Youngdeungpo-Gu       State       Zip 07336       Country KR						
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