504681078 12/11/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4727800

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
GYUHYEONG HAN	11/24/2017
HEECHUL LIM	11/24/2017
BYOUNGCHUL KIM	11/23/2017
HEESUNG PARK	11/25/2017

RECEIVING PARTY DATA

Name:	LG DISPLAY CO., LTD.
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	07336

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15824681		

CORRESPONDENCE DATA

Fax Number: (703)205-8050

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.

Email: mailroom@bskb.com,jody.a.mazzarese@bskb.com

Correspondent Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Address Line 1: 8110 GATEHOUSE ROAD

Address Line 2: SUITE 100E

Address Line 4: FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER:	5706-0410PUS1
NAME OF SUBMITTER:	JODY MAZZARESE
SIGNATURE:	/JODY MAZZARESE/
DATE SIGNED:	12/11/2017

Total Attachments: 3

source=5706-0410PUS1Assignment#page1.tif source=5706-0410PUS1Assignment#page2.tif source=5706-0410PUS1Assignment#page3.tif

PATENT 504681078 REEL: 044354 FRAME: 0531

BIRCH, STEWART, KOLASCH & BIRCH, LLP

8110 Gatehouse Road, Suite 100 East, Falls Church, Virginia 22042-1248 Telephone: (703) 205-8000 * Facsimile: (703) 205-8050 * Email: mailroom@bskb.com

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

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

Title of Invention	E,	DISPLAY DEVICE AND METHOD FOR MANUFACTURING THE SAME
		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 Attached	e4	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 Applin, No.	eş	United States Application Number or PCT International Applic. No. 15/824,681
Enter Filling Date		filed on November 28, 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 Assignee	ε¢	WHEREAS, LG DISPLAY CO., LTD.
Disert Address of Assignee		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	35	in any foreign countries.

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, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged,

terms for which the same may be granted.

BSKB-DEC-ASSIGN (08-17)

Appropriate

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

Inventor's Name	Inventor:	Cifatife Congression	Date: 20/9. 1/1. 314
Inventor's Signature &	Signature:		
An application d Use a separate fo	ata sheet (PTC rm for each ir	D/SB/14 or equivalent), including naming the entire inventive wentor; or check the box below and complete the attached pa	re entity, must accompany this form. age(s) to list additional inventors.
Additional in	ventors are be	eing named on the $\underline{1}$ supplemental sheet(s) attached herei	æ.

BSKB-DEC-ASSIGN (08-17)

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Same	4 Inventor	Heechul LIM	Date:	29/12: 11: 34
inventus's Signature	Signature:	<u> </u>		
	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	∜ Inventor:	ByoungChul KIM		2vi1 // 13
Inventor's Signature	Signature:	<u> </u>		
	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇔Inventor:	Heesung PARK	Date:	2017.11.23
Inventor's Signature	[⇒] Signature:	Parker		
	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
toverton's Nome	⇔Inventor:		Date:	
Inventor's Signature	"Signature:			
	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇔Inventor.		Date	
Inventor's Signature	⇔Signature:			
	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
Inventor's Mame	*Inventor:		Date:	
Inventor's Signature	ీSignature:			
	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
hiventor's Name	*Inventor:		Date:	
Inventor's Signature	⇒Signature.			
	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	Sinventor:		Date:	
Invertor's Signature	[⇒] Signature:		<u>,,</u>	
BIRCH, STEWAR	T, KOLASCH &	BIRCH, LLF Page 3		BSKB-DEC-ASSIGN (08-17)

PATENT REEL: 044354 FRAME: 0534