503835983 05/20/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYUN JIN SONG	05/17/2016
JI WOON MIN	05/17/2016
YOUNG NAM LEE	05/17/2016
IL YONG KIM	05/17/2016
JANG HYUN CHO	05/17/2016
HEUNG RYEOL KIM	05/16/2016
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RECEIVING PARTY DATA

Name:	LG DISPLAY CO., LTD.
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PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	29563097				

CORRESPONDENCE DATA

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> **PATENT REEL: 038657 FRAME: 0330**

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Address Line 4: FA	LLS CHURCH, VIRGINIA 22040-0747
ATTORNEY DOCKET NUMBER:	0465-5559PUS1
NAME OF SUBMITTER:	CHRISTOPHER SMITH
SIGNATURE:	/Christopher Smith/
DATE SIGNED:	05/20/2016
	·

Total Attachments: 3

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PATENT REEL: 038657 FRAME: 0331 Application Number: 29/563,097

Filed On: May 2, 2016

Attorney Docket No. 0465-5559PUS1

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DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

United States Patent Rights, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

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title of thyenhon	2	TELEVISION RECEIVER
		As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
Application not. Attacked	esp.	This declaration is directed to the application attached bereto. If the application is not attached bereto, the application is as identified by the attorney docket number as set forth above and/or the following:
Euter Appln, No.	£\$	United States Application Number or PCT International Appln. No.
Enter Filing Date	= 0	filed on
		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	9	WHEREAS, LG DISPLAY CO., LTD.; and Sookmyung Women's University Industry Academic Cooperation
Insert Address of Assignce	94	of 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, Republic of Korea; and 100, Cheongpa-ro 47-gil, Yongsan-gu,(Cheongpa-dong 2-ga, Sookmyung Women's University), Seoul, Republic of Korea, respectively
		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	: :<	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

Page 1

terms for which the same may be granted.

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

Attorney Docket No 0465-5559PUS1

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 Assignment 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.

liponitor ⁱ s Nome	" Inventor	SONG, Hyun Jin	Date:	11)	May	1716	
lovestor's Signamis	Sionahuse	Man Th Sag			1		
	an Grand and and			•-•		****************	

An application data sheet (PTO/SB/T4 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 L supplemental sheet(s) attached hereto.

LEGAL NAME OF INVENTOR

Attorney Docket No.: 0465-5559PUS1

Supplemental Sheet for Declaration and Assignment

ADDITIONAL INVENTOR(S)
Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY to common to Carter of Inventor MIN. Ji Woos Uater 19 May 2016 Inventor's Signature: MIN II WOON LEGAL NAME OF JOINT INVENTOR, IF ANY * Inventor: LEE, Young Nam. Date: 7/1 May 2016 Inventor's Signature Signature: 186 Young Norm LEGAL NAME OF JOINT INVENTOR, OF ANY Date: 1/1 (10) 30% "inventor: KIM, II Yong LEGAL NAME OF JOINT INVENTOR, IF ANY Date: 17 May 2016 *Inventor: CHO, Jang Hyun inventor's Signature "Signature: LEGAL NAME OF JOINT INVENTOR, IF AMY Inventor's Nome "in centor. KIM, Heung Ryeol tuventor's Esquature Signature. LEGAL NAME OF JOINT INVENTOR, IF ANY Desc: 17 May 2016 Investor's Name "Inventor YOU, Chang Kuk inventor's liignature Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Dete: 11) May 2016 Gwenne's Dame Stavestor KO, Eun Byul Inventor's Highanore *Signature. LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Sixtee * favestor Toversor's Signature Signature:

BIRCH, STEWART, KOLASCH & BIRCH, LLP

PATENT REEL: 038657 FRAME: 0334

RECORDED: 05/20/2016