PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4876318

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIN-HO OH	06/28/2013
YOON-HYEUNG CHO	06/28/2013
YONG-TAK KIM	06/28/2013
SO-YOUNG LEE	06/28/2013
JONG-WOO KIM	06/28/2013
JI-YOUNG MOON	06/28/2013

RECEIVING PARTY DATA

Name:	SAMSUNG DISPLAY CO., LTD.
Street Address:	1, SAMSUNG-RO, GIHEUNG-GU
City:	YONGIN-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	17113

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15836758

CORRESPONDENCE DATA

Fax Number: (626)577-8800

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: (626) 795-9900 Email: pto@lrrc.com

LEWIS ROCA ROTHGERBER CHRISTIE LLP **Correspondent Name:**

POST OFFICE BOX 29001 Address Line 1:

Address Line 4: GLENDALE, CALIFORNIA 91209-9001

ATTORNEY DOCKET NUMBER:	148460/411598 - JEJ/SMV	
NAME OF SUBMITTER:	SI VUONG	
SIGNATURE:	/Si Vuong/	
DATE SIGNED:	03/21/2018	

Total Attachments: 3

PATENT REEL: 045300 FRAME: 0264 source=148460_ParentAssignment_062813#page1.tif source=148460_ParentAssignment_062813#page2.tif source=148460_ParentAssignment_062813#page3.tif

> PATENT REEL: 045300 FRAME: 0265

PTO/AIA/ (11/2012)

Docket No. P60083

COMBINED ASSIGNMENT AND DECLARATION (One of Three)

ASSIGNMENT

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt and sufficiency of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever graint and convey unto:

ASSIGNEE:

SAMSUNG DISPLAY CO., LTD.,

a corporation chartered in and existing under the laws of the Republic of Korea,

ADDRESS:

95 Samsung 2 Ro, Giheung-gu,

Yongin-City, Gyeonggi-do, Republic of Korea

Who is my Assignee, and to the successors and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, including all rights to claim priority, and including the right to sue or otherwise bring action and to collect and receive damages therefrom, for past infringement thereof, and all rights to claim printity under all available international Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and the right to collect masonable royalties for pre-grant U.S. patent application publications, in and to the invention entitled:

ORGANIC LIGHT-EMITTING DISPLAY APPARATUS AND MANUFACTURING TITLE: METHOD THEREOF

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment, or is more particularly identified as:

	executed on even date herewith, or				
0	Serial No.	filed in the U.S. Patent &	à Trademark Office	on	0
Ò	executed on				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

and in and to all United States patents which may be granted thereon and therefor, and in and to all certificates of corrections, divisions, continuations, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said Samsung Display Co., Ltd., my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I grant full power of attorney to my Assignee to submit this Deed of Assignment, including any Annex, to the U.S. Patent & Trademark Office, and to request the U.S. Patent & Trademark Office to record this assignment of the legal title to the Assigned Patents from Assignor to Assignees among the Assignment Records maintained by the U.S. Patent & Trademark Office;

AND I hereby covenant and agree to sign and execute, without receiving any money or other consideration, any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignce, in the prosecution of the above-named application or in the preparation and presecution of all substitute applications, certificate of correction, division, continuation, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignes, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreement or treaty to which the United States of America adheres;

AND I do bereby authorize and request the Commissioner of Patent & Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request R. E. Bushnell, Reg. No. 27,774, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply the rules of the United States Patent & Trademark Office for recordation of this document.

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PTO/AIA/ (11/2012) COMBINED ASSIGNMENT AND DECLARATION (Two of Three)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

As the below named inventor, I hereby declare	that this declaration is directed to:		
pang			1.55%
The attached application, or		· ·	
 The attached application, or United States application or PCT international a 	umlication number	filed on	2
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The above-identified application was made or a	uthorized to be made by me.		
I believe that I am the original inventor or an or	iginal joint inventor of a claimed in	vention in the application	on.
Thereby state that I have reviewed and understate amended by any amendment referred to above. I acknow to the examination of this application in accordance with priority benefits under Title 35, U.S. Code §119(a)-(d) of §365(a) of any PCT International application which deformed States provisional application(s), listed below an certificate having a filing date before that of the application	wiedge the duty to disclose inform in Title 37 of the Code of Federal or §365(b) of any foreign applicati signated at least one country other at have also identified below any t	ation which is material Regulations §1.56. I he on(s) for patent or inve- than the United States	to patentability ereby claim for ntor's certificat , or §119(c) of
centificate maxing a trink date perme may no me abburan	ion on which phoiny is comes.		Priority Clais
10-2013-0040547 Republic of I	Korea 12 April :	2013 Year (Step)	Yes [X] No
Ashbaranian			Priority Clair
Republic of Korea			Yes [X] No
(Application Margher) (Country)	(Day/Month/)	'kar filed)	restat m
	ne available between the filing date	and the second s	
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Docket No. P60083

COMBINED ASSIGNMENT AND DECLARATION (Two of Three)

2) _	You haven do	(Seal)	28 June 2013	
3) _	Yoon-Hyeung Cho John Tak Kan	(Scal)	28 June 2013	
4) _	Yong-Tak Kim Go-Young Lee	(Scal)	28 June 2013	
5)	So-Young Lee Jong-Woo Lim	(Seal)	28 June 2013	
6) ~	Jong-Woo Kim Ji-Youn≠ M∞n	(Scal)	28 June 2013	
	Ji-Young Moon			

오민준/12403262/EVEN容要用整體(自己發達的層)/119016478/20130620153912

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RECORDED: 03/21/2018