PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYUL HAN	08/22/2013
SANG-WOO LEE	08/22/2013
HYO-YEON KIM	08/22/2013
HYE-YEON SHIM	08/22/2013
HEUN-SEUNG LEE	08/22/2013
SANG-WOO PYO	08/22/2013
JI-HWAN YOON	08/22/2013

RECEIVING PARTY DATA

Name: SAMSUNG DISPLAY CO., LTD.	
Street Address:	95, SAMSUNG 2 RO, GIHEUNG-GU
City:	YONGIN-CITY, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14057652

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ATTORNEY DOCKET NUMBER:	P60008
NAME OF SUBMITTER:	ROBERT E. BUSHNELL
SIGNATURE:	/Robert E. Bushnell/
DATE SIGNED:	03/19/2014

Total Attachments: 3

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> PATENT REEL: 032478 FRAME: 0596

PTO/AIA/P9003 (11/2012)

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 grant and convey unto:

ASSIGNEE:

SAMSUNG DISPLAY CO., LTD.,

ADDRESS:

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

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 priority 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 reasonable royalties for pre-grant U.S. patent application publications, in and to the invention entitled:

TITLE: ORGANIC LIGHT-EMITTING DEVICE AND OF PREPARING THE SAME

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				0012
	Serial No. <u>14/057,652</u>	filed in the U.S. Patent & Tradem	ark Office on $\frac{\pm 8}{2}$	October	, or
\mathbf{r}	arraqueed 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 Assignee, in the prosecution of the above-named application or in the preparation and prosecution 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 Assignee, 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 hereby 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.

한결/12415837/국내 본사|EVEN공정개발팀(디스플레이짜)/1190165145/20130403094030

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PTO/AIA/P9003 (11/2012)

<u> Docket No. P60008</u>

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	I inventor, I hereby declare tha	t this declaration i	is directed to:	*	*.	
☐ The attached application United States applied	ation, or ation or PCT international app	lication number _		filed on		
The above-identifie	d application was made or auth	orized to be made	by me.		*	
I believe that I am th	he original inventor or an origin	nal joint inventor	of a claimed inv	ention in the a	oplication.	
amended by any amendment to the examination of this ap priority benefits under Title §365(a) of any PCT Internal United States provisional app	have reviewed and understand referred to above. I acknowled polication in accordance with 7 35, U.S. Code \$119(a)-(d) or si- cional application which design plication(s), listed below and he before that of the application	edge the duty to d Fitle 37 of the Co §365(b) of any fo nated at least one have also identifie	lisclose informated of Federal Rate reign application country other to below any formatter that the country other the country other the country of the country of the country formatter that the country formatter than the country of the country formatter than the country of the	tion which is n legulations §1 n(s) for patent than the United	naterial to pate 56. I hereby or inventor's i States, or §1 ons for patent	claim foreign certificate, or (19(e) of any
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10-2013-0001309 (Application Number)	Republic of Korea (Country)	eorem And P	(Day/Month/Ye		1 43	"[Joseph Land
(Application Number)	Republic of Korea (Country)	WATER TO SERVICE AND A SERVICE	(Day/Month/Ye	ar filed)		ity Claimed:
International application des application is not disclosed	benefit under Title 35, U.S. ignating the United States, lis in the prior United States of Sode, \$112, I acknowledge the tions, \$1.56(a) which became a of this application:	ted below and, if r PCT Internation duty to displace it.	nsotar as the sui nal application nformation mate	oject matter of n(s) in the mar erial to patental	nner provided bility as define	by the first of in Title 37,
(Application Serial No.)	(Filing Date)	(STAT	US: patenteid, péndin	g, abandoned) .		
under 18 U.S.C. §1001 by fir	•	e than five (5) yea	nrs, or both. hed hereto. Optional)	witness		is punishable
,						

한결/12415837/국내 본사 | EVEN공정개발팀(디스플레이硏)/1190165145/20130403094030

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PTO/AIA/P9003 (11/2012)

Ji-Hwan Yoon (Seal)

Docket No. P60008

COMBINED ASSIGNMENT AND DECLARATION (Three of Three)

화면 /19/416837/군대 본사/FVFN공정개방림(디스뜛레이研)/1190165145/20130403094030

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