### 503054298 11/10/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3100898

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SANG-MIN HONG	08/11/2014
YONG-KYU JANG	08/11/2014
HYUN-MIN HWANG	08/11/2014
HYUN-YOUNG KIM	08/11/2014

#### **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:	14534422

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	P60165
NAME OF SUBMITTER:	ROBERT E. BUSHNELL
SIGNATURE:	/Robert E. Bushnell/
DATE SIGNED:	11/10/2014

#### **Total Attachments: 3**

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PATENT 503054298 REEL: 034135 FRAME: 0048

PTO/AIA/ (11/2012) Docket No. P60165

### 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.,

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 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 DISPLAY DEVICE AND METHOD OF MANUFACTURING 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:

O A	executed on even date herewith, or Serial No. 14/534,422	filed in the U.S. Patent & Trademark Office on	6 November 2014		0.*
_	Seliai No i i i i i i i i i i i i i i i i	inied in the 0.5. Fatent & Trademark Office on _		,	, oi
	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 Assigner 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.

PATENT REEL: 034135 FRAME: 0049 PTO/AIA/ (11/2012) **Docket No. P60165** 

## 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)

applicat paragra <sub>s</sub> 37, The	tion is not disclosed in ph of Title 35, U.S. Co e Code of Federal Reg	n the prior United States or PCT In ode, § 112, I acknowledge the duty to gulations, § 1.56(a) which became availing date of this application:	aternational application(s) in the about disclose information material to pa	manner provided by the first atentability as defined in Title
	I hereby claim the be	enefit under Title 35, U.S. Code, § 12 gnating the United States, listed below		
(App	olication Number)	(Country)	(Day/Month/Year filed)	
	014-0020338	Republic of Korea	21 February 2014	Yes [X] No [ ]
to the expriority § 365(a United	ed by any amendment rexamination of this apple benefits under Title 35 a) of any PCT Internati States provisional appl	ave reviewed and understand the content of the ferred to above. I acknowledge the dication in accordance with Title 37 of 5, U.S. Code § 119(a)-(d) or § 365(b) of the ferred to application which designated at letication(s), listed below and have also before that of the application on which	luty to disclose information which if the Code of Federal Regulations of any foreign application(s) for pate east one country other than the United the Indicate	s material to patentability and 1.56. I hereby claim foreign ent or inventor's certificate, or ted States, or \$ 119(e) of any
		application was made or authorized to e original inventor or an original joint in	•	e application.
	The attached application United States application	ion, or tion or PCT international application n	umber filed on	

IN WITNESS WHEREOF, I hereby acknowledge 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.

I hereby revoke all previously granted powers of attorney and appoint the following attorneys: Robert E Bushnell, Reg. No. 27774, Michael D Parker, Reg. No. 34973, Joseph G Seeber, Reg. No. 27719, Matthew J Lestina, Reg. No. 44437, George N. Stevens, Reg. No. 36,938, Young James Kim, Reg. No. 56213, Mark Konieczny, Reg. No. 47715, Michael A. Van Lente, Reg. No. 52,314, Xin Li, Reg. No. 72446, Tomoko Yota, Limited Recognition No. L0565, Jianke Kang, Limited Recognition No. L0826 and Chiyat B. Yau, Reg. No. 71330 to prosecute this application and to transact all business in the U.S. Patent & Trademark Office connected therewith and with any divisional, continuation, continuation-in-part, reissue or re-examination application, with full power of appointment and with full power to substitute an associate attorney or agent, and to receive all patents which may issue thereon, and request that all correspondence be addressed to:

Robert E. Bushnell, Attorney-at-Law Suite 600, 2029 "K" Street, N.W.

☑ Inventors are being named on separately numbered sheets attached hereto.

PATENT REEL: 034135 FRAME: 0050

Customer No. 008439

PTO/ATA/ (11/2012)

Docket No. P60165

# COMBINED ASSIGNMENT AND DECLARATION (Three of Three)

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

LEGAL NAME OF INVENTOR(s)	Date Signed (Optional)	Witness(es)	
1) Sang-Min HONG (Seal) Sang-Min HONG	2014.08 11		
2) Yong-Kyu Jang (Scal)	2014.08.11		
3) Hyun-Min Hwang (Seal) Hyun-Min HWANG	2014.8.11	-	
4) Hyun - Young kin (Seal) Hyun-Young KIM	S014.8 11		

PATENT REEL: 034135 FRAME: 0051

**RECORDED: 11/10/2014**