#### 503402781 07/22/2015

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3449415

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DONG EUP LEE	06/17/2015
MINHYENG LEE	06/17/2015

#### **RECEIVING PARTY DATA**

Name:	e: 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:	14795370		

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	P60368
NAME OF SUBMITTER:	ROBERT E. BUSHNELL
SIGNATURE:	/Robert E. Bushnell/
DATE SIGNED:	07/22/2015

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

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> **PATENT REEL: 036152 FRAME: 0646** 503402781

PTO/AIA/ (11/2012) Docket No. P60368

## 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: DISPLAY APPARATUS

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		
Serial No.	filed in the U.S. Patent & 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 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.

SDC Ref No. LL-201404-257-1-US0

Attorney Ref No. P60368

PTO/AIA/ (11/2012)

Docket No. P60368

## 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:					
	The attached application, or					
	United States app	lication or PCT international appl	ication number	filed on		
	The above-identif	ied application was made or author	orized to be made by me.			
	I believe that I am	the original inventor or an origin	al joint inventor of a claimed	invention in t	he application.	
priority § 365(a United S	any any amenume camination of this : benefits under Title ) of any PCT Inter States provisional a	I have reviewed and understand nt referred to above. I acknowled application in accordance with Ties 35, U.S. Code § 119(a)-(d) or § national application which design application(s), listed below and have before that of the application of	dge the duty to disclose informatic 37 of the Code of Federal 365(b) of any foreign applicated at least one country otherways also identified below any	nation which Regulations ation(s) for parties than the	is material to patentability and \$1.56. I hereby claim foreign stent or inventor's certificate, or rited States, or \$119(e) of any cations for patent or inventor's	
10-20	014-0147323	Republic of Korea	20 Carol	0014	Priority Claimed:	
	cation Number)	(Country)	20 Octob (Day/Month/	PET 2014 Year filed)	Yes [ X ] No [ ]	
applicati paragrap The Cod	on is not disclose h of Title 35, U.S. e of Federal Regul	benefit under Title 35, U.S. Consignating the United States, listed in the prior United States or Code, § 112, I acknowledge the cations, § 1.56(a) which became allate of this application:	d below and, insefar as the s PCT International applications but to disclose information re	subject matte on(s) in the	r of each of the claims of this manner provided by the first	
Application	1 Serial No.)	(Filing Date)	(STATUS patented, pend	ling, abandoned)		
27774, M Reg. No. Li, Reg. I and to tr	I hereby revoke all lichael D Parker, R 36,938, Young Jar No. 72446, Tomok ansact all busines ion-in-part, reissue	IEREOF, I hereby acknowledge ine or imprisonment of not more to previously granted powers of atteg. No. 34973, Joseph G Seeber, nes Kim, Reg. No. 56213, Mark Fo Yota, Limited Recognition No. in the U.S. Patent & Tradems or re-examination application, and to receive all patents which m	nan five (5) years, or both.  Reg. No. 27719, Matthew J L  Conieczny, Reg. No. 47715, M  L0565, and Chiyat B. Yau, R  ark Office connected therew;  with full power of appoints	ing attorneys estina, Reg. l lichael A. Va eg. No. 7133 ith and with	Robert E Bushnell, Reg. No. No. 44437, George N. Stevens, in Lente, Reg. No. 52,314, Xin 0 to prosecute this application any divisional, continuation, but proves to substitute on the full power to substitute on the substitute of	

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

SDC Ref No. LL-201404-257-1-US0

Attorney Ref No. P60368

Robert E. Bushnell,

Suite 600, 2029 "K" Street, N.W.

Attorney-at-Law

PATENT REEL: 036152 FRAME: 0648

Customer No. 008439

#### 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) Dong Eup LEE (Seal)

Dong Eup LEE

2015/6/17

2) Minhyeng LEE (Seal)
Minhyeng LEE

2015/6/17

SDC Ref No. LL-201404-257-1-US0

Attorney Ref No. P60368