PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

n v1.1 EPAS ID: PAT4293603

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMIN MOBASHER	02/16/2017
JALIL KAMALI	02/16/2017
GREGORY W. COOK	02/16/2017
EHSAN HAGHANI	02/21/2017
DAVID ZAMORA	02/21/2017

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:	15359551

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

Correspondent Name: LEWIS ROCA ROTHGERBER CHRISTIE LLP

Address Line 1: P.O. BOX 29001

Address Line 4: GLENDALE, CALIFORNIA 91209

ATTORNEY DOCKET NUMBER:	130668 (411633) MJC/VDW	
NAME OF SUBMITTER:	VICKIE D. WALL	
SIGNATURE:	/Vickie D. Wall/	
DATE SIGNED:	02/27/2017	

Total Attachments: 4

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COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY OR DESIGN PATENT APPLICATION AND ASSIGNMENT FORM¹

The un	dersigr	ed acknowledges that this do	cument is being used both a	s an assignment of the
inventi	ion and	as the declaration (37 CFR 1.6	3) for a Utility or Design App	olication.
WHERE	EAS, the	e undersigned, hereinafter ref	erred to collectively as Assig	nor, has invented:
Title:	SYST	EM AND METHOD FOR ELECT		
for whi patent.		gnor is about to make or has r	nade United States or Interr	national application for
WHERE	EAS, as	a below named inventor(s), I/	(we) hereby declare that:	
Section	ıl. Dec	laration		
This de	claratio	on is directed to:		
		The attached U.S. non-provis	sional patent application, or	
	\boxtimes	U.S. non-provisional patent a on November 22, 2016, o		<u>,551</u> , filed
		PCT international patent appl	lication number	filed on
The abo	ove-ide	ntified application was made	or authorized to be made by	<i>,</i> me (us).
		that I am (we are) the original ne above-identified applicatior		ntors) of a claimed
¹ This fo	orm requ	ires the use of an Application Data S	Sheet.	
SEC Ref	No.	IDD 143	Attorney Ref No.	130668
		ECLARATION (37 CFR 1.63) FOR U		AND ASSIGNMENT FORM

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SAMSUNG DISPLAY CO., LTD.

I (we) 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 state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

Section II. Assignment

In consideration of and according to the provisions of the Assignor's employment agreement(s), the undersigned hereby sell(s) and assign(s) to

Samsung Display Co., Ltd.

having an address at 1, Samsung -ro, Giheung-gu, Yongin-city, Gyeonggi-do, Republic of Korea 17113 (hereinafter designated as the Assignee), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention or design described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions or designs as described in the aforesaid application, to the aforesaid application itself, and to provisional application(s) 62/400,042 to which the aforesaid application claims priority, and to all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application or provisional, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights

SEC D-FAL	TDD 14		Attornay Bof No	120660	
SEC KET NO.)	Attorney Ref No.	120009	

relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of LEWIS ROCA ROTHGERBER CHRISTIE LLP the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF FIRST	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	MOBASHER	Amin	
SIGNATURE	Arin Mobinh	DATE	Feb 16,2017

SEC Ref No.	IDD 143	Attorney Ref No.	130668

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KAMALI	Jalil	
SIGNATURE	T. Camadis	2/16/17 _{DATE}	

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
THIRD INVENTOR/ASSIGNOR	соок	Gregory	W.
SIGNATURE	/mglu Ca	JAng (128/17	

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FOURTH INVENTOR/ASSIGNOR	HAGHANI	Ehsan	
SIGNÄTURE	C.Haghani	2/21/2017 DATE	

LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	ZAMORA	David	
SIGNATURE	D25-	2/21/2017 DATE	

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SEC Ref No. IDD 143 Attorney Ref No. 130668

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