505784190 11/20/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JI-HYUN KA	06/05/2019
TAE GEUN KIM	11/08/2019
KI MYEONG EOM	06/05/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16689860

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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: 860-286-2929

Email: usptopatentmail@cantorcolburn.com

Correspondent Name: CANTOR COLBURN LLP

Address Line 1: 20 CHURCH STREET, 22ND FLOOR Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	PNK1864US
NAME OF SUBMITTER:	JAMES J. MERRICK
SIGNATURE:	/James J. Merrick/
DATE SIGNED:	11/20/2019

Total Attachments: 8

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PATENT REEL: 051068 FRAME: 0825

EPAS ID: PAT5831018

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

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

TITLE: ORGANIC LIGHT EMITTING DIODE DISPLAY

for which Assignor is about to make or has made United States or International application for patent.

WHEREAS, as a below named inventor(s), 1/(we) hereby declare that:

Section I. Declaration

This declaration is directed to:

	The attached U.S. non-provisional patent application, or U.S. non-provisional patent application number filed on in filed on in the second se
	, or
	PCT international patent application number, filed on
	•
he above-id	ientified application was made or authorized to be made by me (us).
•	that I am (we are) the original inventor (original joint inventors) of a claimed invention in entified application.
	y acknowledge that any willful false statement made in this declaration is punishable .C. 1001 by fine or imprisonment of not more than five (5) years, or both.
This form rec	quires the use of an Application Data Sheet.
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SDC Ref No. <u>LO-201807-201-1-US0</u>

Attorney Ref No. PNK1864US

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
Page 1 of 4

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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

dilling.

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

Samsung Display Co., Ltd.

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

Assignor hereby confirms any prior assignment to Assignee(s), and to the extent that Assignor has not already done so, agrees to assign, and hereby does, self, assign and transfer unto Assignee(s) 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 as described in the aforesald application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, 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(s) 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 relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

SDC Ref No. LQ-201807-201-1-USQ

Attorney Ref No. PNK1864US

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
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PATENT REEL: 051068 FRAME: 0828

0-0638999919670 :

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(s) 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(s), 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(s).

The undersigned hereby grant(s) the law firm of Cantor Colbum 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.

izza-/-Y.Cianatura(s) Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF	Full Name	
FIRST INVENTOR/ASSIGNOR	Ji-Hyun KA	
	DATE ST.	
SIGNATURE	Jefnyum fra 2018. 6. +	

SDC Ref No. LO-201807-201-1-US0

Attorney Ref No. PNK1864US

COMBINED DECLARATION (37 CFR L63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM Page 3 of 4

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#STEEL MEDICAL

PATENT

REEL: 051068 FRAME: 0829

LEGAL NAME OF SECOND	Full Name	
NVENTOR/ASSIGNOR	Tae Geun KiM	
signature	. DATE	
LEGAL NAME OF	Full Name	j
THIRD NVENTOR/ASSIGNOR	Ki Myeong EOM	
SIGNATURE _	(; Myeon; EOM DATE 2019.6.5	

SDC Ref No. LO-201807-201-1-US0

Attorney Ref No. PNK1864US

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
Page 4 of 4

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	The attached U.S. non-provisional patent application,	or
	U.S. non-provisional patent application number	filed on
*** (0000000 000000)	, or	00 00 00 4000
	PCT International patent application number	, filed on
(we) believe t	ntified application was made or authorized to be made that I am (we are) the original inventor (original joint in ntified application.	
(we) hereby	acknowledge that any willful false statement made 1001 by fine or imprisonment of not more than five (5	
	sires the use of an Application Data Sheet.	
	SDC Ref No. LO-201807-201-1-US0 Attorney Ref	No. PNK1864US

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM Page 1 of 4

PANKOREA

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Section II. Assignment

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Samsung Display Co., Ltd.

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Assignor hereby confirms any prior assignment to Assignee(s), and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee(s) 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 as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, 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(s) 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 relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

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COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
Page 2 of 4

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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(s) without further or other compensation than that above set forth;

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

مسبب	LEGAL NAME OF	Full Name	
IN'	FIRST VENTOR/ASSIGNOR	Ji-Hyun KA	

	SIGNATURE	DATE	

SDC Ref No. LO-201807-201-1-US0

Attorney Ref No. PNK1864US

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
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LEGAL NAME OF SECOND	Full Name	
INVENTOR/ASSIGNOR	Tae Geun KiM	
SIGNATURE	DATE 08/11/2019	
LEGAL NAME OF	Full Name	
THIRD INVENTOR/ASSIGNOR	Ki Myeong EOM	
SIGNATURE	DATE	

SDC Ref No. LO-201807-201-1-US0

Attorney Ref No. PNK1864US

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
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PATENT REEL: 051068 FRAME: 0834

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