505800617 12/03/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5847446

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GIWOOK KANG	11/25/2019
DONG MIN KANG	11/25/2019
BYUNGKU KIM	11/25/2019
JUN SEOK KIM	11/25/2019
EUN SUN YU	11/26/2019
NAMHEON LEE	11/25/2019
KIPO JANG	11/25/2019
HANDONG CHU	11/25/2019
JINHYUN LUI	11/25/2019

RECEIVING PARTY DATA

Name:	SAMSUNG SDI CO., LTD.
Street Address: 150-20, GONGSE-RO, GIHEUNG-GU,	
City:	YONGIN-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	17084

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16701838

CORRESPONDENCE DATA

Fax Number: (703)207-0003

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: 703-207-0008 Email: eoa@lee-iplaw.com LEE & MORSE, P.C. Correspondent Name:

Address Line 1: 3141 FAIRVIEW PARK DRIVE

Address Line 2: SUITE 500

Address Line 4: FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER: 301/1665 00 NAME OF SUBMITTER: JOHN M. MAKSYMONKO

PAIENI REEL: 051163 FRAME: 0916 505800617

SIGNATURE:	/John M. Maksymonko/		
DATE SIGNED:	12/03/2019		
Total Attachments: 6			
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PATENT REEL: 051163 FRAME: 0917

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 OPTOELECTRONIC DEVICE AND DISPLAY DEVICE for which Assignor is about to make or has made United States or International application for patent. WHEREAS, as a below named inventor(s), I/(we) hereby declare that: Section I. Declaration This declaration is directed to the attached U.S. non-provisional patent application, unless the following is marked: U.S. non-provisional patent application number ______, filed on PCT international patent application number ______, filed on as amended by the Preliminary Amendment attached hereto. as amended by the Preliminary Amendment filed on _____ The above-identified application was made or authorized to be made by me (us). I (we) believe that I am (we are) the original inventor (original joint inventors) of a claimed invention in the above-identified application. 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 (as amended by any amendment referred to above). I acknowledge that I am aware of the duty to disclose information which is material to

	This	form	requires	the	use of	an	App.	lication	Data	Sheet
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patentability as defined in 37 CFR § 1.56.

Client Ref No. 2018-0463 Attorney Ref No. 301/1665_00

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

<u>Power of Attorney:</u> I/we hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office practitioners associated with Customer Number 27849.

Section II. Assignment

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 SDI Co., Ltd.

having an address at 150-20, Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do 17084, Republic of Korea (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 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 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 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;

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

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

본 정보는 삼성SDI 정보자산 관리책임자의 허가없이 출력,배포,반출골목을 수 없으며, 위규시 관련법령에 의거하여 인사상 들어가는 받지 수 있습니다.

REEL: 051163 FRAME: 0919

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 LEE & MORSE, P.C. 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		Fan	nily Name	First Given N	Second Given Name	
INVEN	TOR/ASSIGNOR		KANG	Giwook		
	·	<u> </u>	-			
	SIGNATURE	KANG	GIWOOK	_	DATE	20A.11.25
		2				

LEGAL NAME OF SECOND	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KANG	Dong Min	
SIGNATURE	Kang Dong Min	DATE	2019.11.25

Client Ref No.	2018-0463	Attorney Ref No.	301/1665 00
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LEGAL NAME OF THIRD	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KIM	Byungku	
SIGNATURE	Kim blut-ku	DATE	19.11.25

LEGAL NAME OF FOURTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KIM	Jun Seok	
		10 m	
SIGNATURE	Kim Jun Seck	DATE	19,11.25
		18 (1911) (512)	

LEGAL NAME OF FIFTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	YU	Eun Sun	
SIGNATURE	Yu auneur	Z DATE	19.11.26

Client Ref No.	2018-0463	Attorney Ref No.	301/1665_00
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LEGAL NAME OF SIXTH	Family Name	First Given Name	Second Given Name	
INVENTOR/ASSIGNOR	LEE	Namheon		
			,	
SIGNATURE Hompson (SR DATE 18.11.25				

LEGAL NAME OF SEVENTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	JANG	Kipo	
SIGNATURE _	Kipo Jang	<u> </u>	: 20A-11-25

LEGAL NAME OF EIGHTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	CHU	Handong	
	The second secon		
SIGNATURE _	7782%	DATE	19,11.25

Client Ref No.	2018-0463	Attorney Ref No.	301/1665_00
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LEGAL NAME OF NINTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	LUI	Jinhyun	
SIGNATURE _	ZHIN	_ DATE	19.11.25

2018-0463 Attorney Ref No.

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본 정보는 삼성SDI 정보자산 관리책임자의 허가없이 출력,배포,반출을을 수 없으며, 위규시 관련법령에 의거하여 인사상 **PATENT**

RECORDED: 12/03/2019

Client Ref No.

REEL: 051163 FRAME: 0923

301/1665_00