506423808 12/28/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6470574

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HEEJUN PARK	12/28/2020
JAEMIN MOON	12/24/2020
KUSUN CHOUNG	12/28/2020
HEE RYONG KANG	11/23/2020
HYUN KIM	11/24/2020
GA WON LEE	11/23/2020
SEUNG HYUN YOON	11/23/2020
KYOUNG-JIN PARK	11/20/2020

RECEIVING PARTY DATA

Name:	LG DISPLAY CO., LTD.	
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	07336	
Name:	ROHM AND HAAS ELECTRONIC MATERIALS KOREA LTD.	
Name: Street Address:	ROHM AND HAAS ELECTRONIC MATERIALS KOREA LTD. 56, 3GONGDAN 1-RO, SEOBUK-GU, CHEONAN-SI	
Street Address:	56, 3GONGDAN 1-RO, SEOBUK-GU, CHEONAN-SI	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17135414

CORRESPONDENCE DATA

Fax Number: (202)739-3001

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: 2027393000

patents@morganlewis.com, kathy.casavecchia@morganlewis.com Email:

Correspondent Name: COLLIN W. PARK

Address Line 1: MORGAN, LEWIS & BOCKIUS LLP

> PATENT **REEL: 054859 FRAME: 0078**

506423808

	1111 PENNSYLVANIA AVENUE NW WASHINGTON, D.C. 20004	
ATTORNEY DOCKET NUMBER:	002463-5340	
NAME OF SUBMITTER:	ROBERT J. GOODELL	
SIGNATURE:	/Robert J. Goodell/	
DATE SIGNED:	12/28/2020	

Total Attachments: 7

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PATENT REEL: 054859 FRAME: 0079

COMBINED DECLARATION (37 CFR 1.63) FOR U.S. PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT OF INVENTION

	UNESCENT MATERIAL AND ELECTROLUMINESCENT PLAY DEVICE USING THE SAME
d and un	dersigned inventor, I hereby declare that:
	The attached application, or
	United States application or PCT international application number filed on
	DISI

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I bereby 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.

Note to Inventor: 37 C.F.R. § 1.63(c) states: A purson may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56,

ASSIGNMENT

WHEREAS, I have made an invention described and/or claimed in the above-identified application; and

WHEREAS, LG Display Co., Ltd., a corporation of the Republic of Korea, having a place of business at 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 07336, Republic of Korea, and Robm and Haas Electronic Materials Korea Ltd., a corporation of the Republic of Korea, having a place of business at 56, 3gongdan 1-ro., Seobuk-gu, Cheonan-si, Chungcheongnam-do, 31093, Republic of Korea, (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title, and interest in and to said invention in all countries throughout the world and the above-identified United States patent application;

NOW. THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I have assigned and do hereby assign to the ASSIGNEE, and its lawful successors and assigns, the entire right, title, and interest in and to said invention, the above-identified United States patent application and all divisions, continuations, and continuations-in-part of said application, and reissues, extensions, and renewals of Letters Patent granted thereon, and all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and all Letters Patents issuing on any such patent applications in the United States and foreign countries;

I hereby assign to the ASSIGNEE, and its lawful successors and assigns, the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the

above-identified United States patent application under the terms of the International Convention and any other relevant treaties;

I hereby authorize and request the United States Patent and Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title, and interest in and to the same, for the sole use and benefit of the ASSIGNEE, and its lawful successors and assigns, to the full end of the term for which said Letters Patent may be granted:

I hereby grant the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document;

I hereby covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment; and

Further, I hereby further covenant and agree that I will, without further consideration, communicate with the ASSIGNEE, and its lawful successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said ASSIGNEE, and its lawful successors or assigns, execute all divisional, continuation, continuation-in-part, and reissue applications, make all rightful oaths and generally do everything possible to aid the ASSIGNEE, and its lawful successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the ASSIGNEE, and its lawful successors and assigns.

above-identified United States patent application under the terms of the International Convention and any other relevant treaties;

I hereby authorize and request the United States Patent and Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title, and interest in and to the same, for the sole use and benefit of the ASSIGNEE, and its lawful successors and assigns, to the full end of the term for which said Letters Patent may be granted;

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IN TESTIMONY WHEREOF, I have hereunto set my hands.

NAME OF INVENTOR (Full Legal Name): HeeJun PARK

Signature: Date: NAME OF INVENTOR (Full Legal Name): Jaemin MOON

Signature: Date: NAME OF INVENTOR (Full Legal Name): Kusun CHOUNG

Signature: Date: NAME OF INVENTOR (Full Legal Name): Hee Ryong KANG

Signature: Date: NAME OF INVENTOR (Full Legal Name): Hyun KIM

Signature: Date: Mov. 24-th 2020

NAME OF INVENTOR (Full Legal Name): Ga Won LEE

Signature: Date: D

above-identified United States patent application under the terms of the International Convention and any other relevant treaties;

I hereby authorize and request the United States Patent and Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title, and interest in and to the same, for the sole use and benefit of the ASSIGNEE, and its lawful successors and assigns, to the full end of the term for which said Letters Patent may be granted;

I hereby grant the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document;

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Further, I hereby further covenant and agree that I will, without further consideration, communicate with the ASSIGNEE, and its lawful successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said ASSIGNEE, and its lawful successors or assigns, execute all divisional, continuation, continuation-in-part, and reissue applications, make all rightful oaths and generally do everything possible to aid the ASSIGNEE, and its lawful successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the ASSIGNEE, and its lawful successors and assigns.

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I hereby grant the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document;

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IN TESTIMONY WHEREOF, I have hereunto set my hands.

NAME OF INVENTOR (Full Legal Name): HeeJun PARK	
Signature:	Date:
NAME OF INVENTOR (Full Legal Name): <u>Jaemin MOON</u>	
Signature:	Date:
NAME OF INVENTOR (Full Legal Name): Kusun CHOUNG	
Signature:	Date:
NAME OF INVENTOR (Full Legal Name): Hee Ryong KANG	
Signature:	Date:
NAME OF INVENTOR (Full Legal Name): Hyun KIM	
Signature:	Date:
NAME OF INVENTOR (Full Legal Name): Ga Won LEE	
Signature:	Date:
NAME OF INVENTOR (Full Legal Name): Scung Hyun YOON	
Signature:	Date:

Attorney Docket No. 002463-5340 Assignee Ref. No. F20-0545US001 Page 3 / 3

NAME OF INVENTOR (Full Legal Name): Seung Hyun YOON	AAAAAAAAAAAAAAAA
Signature: Tobel	Date: 20/11/23
NAME OF INVENTOR (Full Legal Name): Kyoung-Jin PARK	***************************************
Signature:	Date:

Attorney Docket No. 002463-5340 Assignee Ref. No. F20-0545US001 Page 3/3

NAME OF INVENTOR (Full Legal Name): Se	eung Hyun YOON
Signature:	Date:
NAME OF INVENTOR (Full Legal Name):	Kyoung-lin PARK

Signature: NAME OF INVENTOR (Full Legal Name): _ Signature:

Morgan, Lewis & Bockius LLP

PATENT REEL: 054859 FRAME: 0086