Form PTO-1595 (Rev. 06-12) OMB No. 0651-0027 (exp. 04/30/2015) U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
1. Name of conveying party(les)	2. Name and address of receiving party(ies) Name: Samsung Display Co., Ltd.	
1) LEE, Ung-Soo	Internal Address:	
A. Patent Application No.(s) 14/036,479	Street Address: 95, Samsung 2 Ro, Giheung-gu City: Yongin-city State: Gyeonggi-do Country: KOREA Zip: Additional name(s) & address(es) attached? Yes No document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s)	
Additional numbers att 5. Name and address to whom correspondence	6. Total number of applications and patents	
concerning document should be mailed:	învolved: 1	
Name: Knobbe Martens Olson & Bear LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40	
Internal Address: 14th Floor	 	
2040 Main Otto ot	Authorized to be charged to deposit account Enclosed	
Street Address: 2040 Main Street	None required (government interest not affecting title)	
City: Irvine	8. Payment Information	
State: CA Zip: 92614		
Phone Number: (949) 760-0404	Donosit Associat Mumbos 11-1410	
Docket Number: SDCYPL.335AUS	Deposit Account Number 11-1410	
Email Address: efiling@knobbe.com	Authorized User Name Knobbe Martens	
9. Signature: faul (Sembar) Sept. 24, 2013		
Signature Signature	Date*	
Paul C. Steinhardt Name of Person Signing	sheet, attachments, and documents: 4	
Documents to be recorded (Including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450		

PATENT

REEL: 031347 FRAME: 0225

Additional sheet for US Patent Application No. 14/036,479 Assignment Recordation

- 1. Name of conveying parties
 - 2) LEE, Jae-Sun
 - 3) KIM, Hun
 - 4) CHOI, Jai-Hyuk
 - 5) CHOI, Su-Hyuk
 - 6) PARK, Jin-Woo
- 3. Nature of conveyance / Execution Dates:
 - 2) Assignment / August 19, 2013
 - 3) Assignment / August 19, 2013
 - 4) Assignment / August 22, 2013
 - 5) Assignment / August 19, 2013
 - 6) Assignment / August 19, 2013

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> PATENT REEL: 031347 FRAME: 0226

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docker No.: SDCYPL,335AUS

Page 1 of 2

TIME: ORGANIC LIGHT-EMITTING DISPLAY AND METHOD OF MANUFACTURING THE SAME

Inventor(s): Ung-Soo LEE, Jae-Sun LEE, Hun KIM, Jai-Hyuk CHOI, Su-Hyuk CHOI, Jin-Woo PARK

Declaration

This Declaration is directed to the invention identified above that:

is attached, where "attached" means filed concurrently with.

As a named inventor, I doclare that:

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 in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 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 specification and adknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37. Code of Federal Regulations, § 1.56.

Assignment from Inventor(s)

WHEREAS, above-identified inventor(s) (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, Samsung Display Co., Ltd., with its principal place of business at 95, Samsung 2 Ro, Giheung-gu, Yongin-city, Gyeonggi-do, Korea (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged. ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest in the Application, including all patent properties filted or issued upon the Application; where "Patent Properties" include, but are not limited to:

all provisional applications to which the Application claims priority;

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof;

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application, and the Work or any improvements made thereto, sign/execute all lawful

이문화/12409424/EN기화병(아산/천안단지)/119455240/20130819131718

PATENT

3900/1378085005

REEL: 031347 FRAME: 0227

Application Date Sheet filed previously or co	ncurrently	
Docket No.: SDCYPL 335AUS	Page 2 of 2	
Tile: ORGANIC LIGHT-EMITTING DISPLAY AND METHOD OF MANUFACTURING THE SAME		
Inventor(s): Ung-Soo LEE, Jae-Sun LEE, Hun KIM, Jai-Hyuk CHOt, Su-Hyuk CHOt, Jin-Woo PARK		
papers, execute and make all rightful paths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties.		
Legal Name of inventor 1: Ung-Soo LEE	,	
Signature: Ung Su LEZ	Date: 8/6 2017	
Legal Name of Inventor 2: Jac-Sun LEE		
Signature: Jae-Sun LZE	Dato: 4/19 2013	
Legal Name of Inventor 3: Hun KIM		
Signature: Hun KZH	Date: 4/11 376/5	
Legal Name of Inventor 4: Jei-Hyuk CHOI		
Signature: Jai Hywk Chol	Date: 1/22 20/3.	
Legal Name of Inventor 5; Su-Hyuk CHOI	,	
Signature: Subywk Ohroi	Date: 1/1 20/2	
egal Name of Inventor 6: Jin-Woo PARK		
Signature: Jin- Uoo PARK	Date: 5119 2012	
56 514Q4 32113		

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

이중추/12409424/EN기술림(이산/관위단치)/118455249/20180619131718

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