Client Code: SDCYOU.249AUS

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To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): (List using letters or numbers for multiple parties) 1) Oh, Woo-Jin 2) Kim, Yang-Wan 3) Kwak, Won-Kyu Additional name(s) of conveying party(ies) attached? () Yes (X) No 3. Nature of conveyance:	2. Name and address of receiving party(ies): Name: Samsung Display Co., Ltd. Street Address: 95, Samsung 2 Ro, Giheung-gu City: Yongin-city, Gyeonggi-do Country: Korea Additional name(s) of receiving party(ies) attached? () Yes (X) No		
 (X) Assignment () Security Agreement () Merger () Change of Name () Other: Execution Date: (List as in section 1 if multiple signatures) 	4. US or PCT Application number(s) or US Patent number(s): (X) Patent Application No.: \ 3/744って Filing Date: \ 1 ーノムハーとのま		
1) January 15, 2013 2) January 15, 2013 3) January 15, 2013	Additional numbers attached? () Yes (X) No		
Party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: One (1)		
Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: SDCYOU.249AUS			
7. Total fee (37 CFR 1.21(h)): \$40	8. Deposit account number: 11-1410		
(X) Authorized to be charged to deposit account	Please charge this account for any additional fees which may be required, or credit any overpayment to this account.		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document. John M. Carson Name of Person Signing Signature January 17, 2013 Date			
34,303 Registration No. Total number of pages including cove	r sheet, attachments and document: 3		
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PATENT REEL: 029661 FRAME: 0197

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(0))

Application Data Sheet filed previously or concurrently

Docket No.: SDCYOU.249AUS

Page 1 of 2

Title: CIRCUIT FOR PREVENTING STATIC ELECTRICITY OF A DISPLAY PANEL AND

DISPLAY DEVICE INCLUDING THE SAME

Inventor(s): Woo-Jin Oh, Yang-Wan Kim, and Won-Kyu Kwak

Declaration

This Declaration is directed to the invention identified above that:

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

As a named inventor, I declare 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 acknowledge 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(a) (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 Flo, 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 filed 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 relissues 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

PATENT₆₉₇₆₄₁₃₅₇₀₉₁₃₄₄ REEL: 029661 FRAME: 0198

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

Application Data Sheet filed previously or concurrently

Docket No.: SDCYOU.249AUS

Title: CIRCUIT FOR PREVENTING STATIC ELECTRICITY OF A DISPLAY PANEL AND

DISPLAY DEVICE INCLUDING THE SAME

Inventor(s): Woo-Jin Oh, Yang-Wan Kim, and Won-Kyu Kwak

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 papers, execute and make all rightful oaths 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: Woo-Jin Oh		
Signature: Woo Jin Oh	Date:	Jan. 15, 2013
Legal Name of Inventor 2: Yang-Wan Kim		
Signature: Yang Wan Kim	Date:	Jan. 15, 2013
Legal Name of Inventor 3: Won-Kyu Kwak		
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REEL: 029661 FRAME: 0199