Client Code: SMDYOU.217AUS

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1. Jin-Tae Jeong 2. Won-Kyu Kwak Additional name(s) of conveying party(ies) attached? () Yes (X) No 3. Nature of conveyance: (X) Assignment () Security Agreement () Change of Name Execution Date: 1. August 2, 2012 2. August 2, 2012 3. Nature of conveyance: (X) Assignment () Security Agreement () Change of Name Execution Date: 1. August 2, 2012 2. August 2, 2012 3. No 5. Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14° Floor Inine, CA 92514 Return Fax: (949) 760-9502 Attorney's Docket No: SMDYOU 217US 7. Total fee (37 CFR 1.21(h)): \$40 (X) Authorized to be charged to deposit 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 Name: Samsung Display Co., Ltd. Street Address: \$5, Samsung 2 Ro, Giheung-City, Glenup, City, Glenup, City, Glenup, City, Glenup, City, Open-City,	Name of conveying party:	Name and address of receiving party:	
2. Won-Kyu Kwak Additional name(s) of conveying party(ies) attached? () Yes (X) No 3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name Execution Date: 1. August 2, 2012 2. August 2, 2012 2. August 2, 2012 3. Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Invine, CA 92814 Return Fax: (949) 760-9902 Attorney's Docket No. SMDYOU.217US 7. Total fee (37 CFR 1.21(h)): \$40 (X) Authorized to be charged to deposit account 9. Statement and signature. To the best of my knowledge and belief, the foregoing is a true copy of the original document. John M. Carson Name of Person Signing Signature Street Address: 95, Samsung 2 Ro, Gineung-Gu Giheung-Gu City: Yongin-City, Gyeonggi-Do Country: Republic of Korea, 446-711 Additional name(s) of receiving party(ies) attached? () Yes (X) No 4. US or PCT Application number(s) or US Patent number(s). (i) Yes (X) No 4. US or PCT Application No.: 13/610531 Filling Date: September 11, 2012 Additional name(s) of receiving party(ies) attached? (i) Yes (X) No 5. Party to whom correspondence concerning document should be mailed: (i) Yes (X) No 6. Total number of applications and patents involved: 1 8. Deposit account number: 11-1410 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? 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?			
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Registration No.			
Total number of pages including cover sheet, attachments and document: 2			

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Alexandria, VA 22313-1450 Facsimile Number: (571) 273-0140

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> **PATENT** REEL: 028993 FRAME: 0326

PATENT

Client Code: SMDYQU,217AUS

Page 1

Application No.: Unknown Filing Date: Herewith

ASSIGNMENT

WHEREAS, I, the undersigned, have invented certain new and useful improvements in an PIXEL AND ORGANIC LIGHT EMITTING DIODE DISPLAY USING THE SAME, the specification of which was executed on even date herewith.

AND WHEREAS, Samsung Display Co., Ltd. (hereinafter "ASSIGNEE"), with its principal place of business at 95, Samsung 2 Ro, Giheung-Gu, Yongin-City, Gyeonggi-Do, Korea desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, in light of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissuc applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Date:	August 2, 2012	Signature: Jeony Jim 102
		Name: Jin-Tae Jeong Address: c/o Samsung Display Co., Ltd., 95, Samsung 2 Ro Gibeung-Gu, Yongin-City, Gyeonggi-Do, Korea
•alef	August 2 2012	Signature: Won-Kru Kovalc

Name: Won-Kyu Kwak

Address: c/o Samsung Display Co., Ltd., 95, Samsung 2 Ro., Giheung-Gu, Yongin-City, Gyeonggi-Do, Korea

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정진테/09480971/상성모바잍디스튠레이(국내)[설계(U-PJT)/1193132137/201205210750년5

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PATENT REEL: 028993 FRAME: 0327