FORM PTO-1595 (modifie (Rev. 6-93)

11-29-2006

EET U.S. DEPARTMENT OF COMMERCE **Patent and Trademark Office**

OMB No. 0651-0011 (exp. 4/94)

103342366

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Jin Seok JANG, Jae Ho JUNG, Yong Seok KIM, Hyo Shin SONG, Name: Samsung SDI Co., Ltd. Internal Address: **Hwan Soo LIM** Street Address: 575, Shin-dong, Yeongtong-gu, Additional name(s) of conveying party(ies) attached? No City: Suwon-si, Gyeonggi-do 442-731, REPUBLIC OF **KOREA** Additional name(s) & address(es) attached? No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: November 21, 2006 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: November 21, 2006 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents document should be mailed: involved: One Name: Eugene M. Lee Internal Address: LEE & MORSE, P.C. Street Address: 3141 Fairview Park Drive, Suite 500 City: Falls Church, State: VA ZIP: 22042 7. Total fee (37 C.F.R., 3.41)......\$40.00 X Enclosed (PTO-2038) Authorized to be charged to deposit account any additional 8. Deposit account number: 5-01645 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. November 22, 2006 Eugene M. Lee Name of Person Signing Total number of pages including cover sheet, attachmets, and document: 2 pages attached, incl. cover

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

11/24/2006 ZJUHAR1 00000082 11603191

04 FC:8021

PATENT REEL: 018632 FRAME: 0513

ASSIGNMENT

Name and Address of Assignee	For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto SAMSUNG SDI CO., LTD., 575, Shin-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
	(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to
Title of Invention	DISPLAY DEVICE
{	as set forth in his United States Patent Application
	executed concurrently herewith
Check One	□ executed on
	☐ Serial No Filed

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefore or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of LEE & MORSE, P.C. the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

N.	AMES AND SIGNATURES OF INVENTORS	
Y Vin Cook Young	Signature: TINGEN VENCE	Date: November 21,120
Name: Jin Seok Jang	Signature: J.H., Jung	Date: November 2125
Name: Jae Ho Jung	7 . 0	Date:Namber 21 120
Name: Yong Seok Kim	Digitatore. Tone	Date: November 4, 24
Name: Hyo Shin Song	Signature: Hyo Shin Long	Date: Abvanter 21,2
Manager Soo Lim	Signature:	
Λ	IAMES AND SIGNATURES OF WITNESSES	
	Signature:	Date:
Name:	Signature: may optionally be obtained by execution of this document before the property of the	Date:

authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

PATENT REEL: 018632 FRAME: 0514

RECORDED: 11/22/2006