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Attention: D. Bruce Prout Deposit Account No. 03-1728, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our Deposit Account. 10. Explanatory letter is enclosed. Deposit Account No. 03-1728, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our 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. Date: October 19, 2004 By Mame: D. Bruce Prout 626/795-9900	Commissioner of Patents and Trademarks: Please reco	ord the attached original documents or copy thereof:
 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: October 14, 2004 A. Patent Application No.(s) B. Patent No.(s) 5. Please return the recorded document and address all correspondence to: CHRISTIE, PARKER & HALE, LLP P.O. Box 7068 Pasadena, CA 91109-7068 Attention: D. Bruce Prout 6. Total number of applications and patents involved 1 7. [X] Total fee enclosed (37 CFR 3.41): \$40.00 8. [X] Any deficiency or overpayment of fees should be charged or credited Deposit Account No. 03-1728, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our 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. Date: October 19, 2004 By Date: Define Prout 626/795-9900 	Joong-Ha Ahn, and Myoung-Kon Kim Additional name(s) of conveying party(ies) attached: No 3. Name of conveyance: X Assignment Security Agreement Merger Change of Name	Name: SAMSUNG SDI CO., LTD.
If this document is being filed together with a new application, the execution date of the application is: October 14, 2004 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? 5. Please return the recorded document and address all correspondence to: CHRISTIE, PARKER & HALE, LLP P.O. Box 7068 Pasadena, CA 91109-7068 Attention: D. Bruce Prout 10. Explanatory letter is enclosed. 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. Date: October 19, 2004	Execution Date: October 14, 2004	Additional name(s) & address(es) attached? NO
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correspondence to: 1 CHRISTIE, PARKER & HALE, LLP 7. ∑ Total fee enclosed (37 CFR 3.41): \$40.00 P.O. Box 7068 Pasadena, CA 91109-7068 Attention: D. Bruce Prout 8. ∑ Any deficiency or overpayment of fees should be charged or credited Deposit Account No. 03-1728, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our 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. Date: October 19, 2004 By <u>Demoty Demoty Demoty Correct and any attached copy is a true copy of the original 626/795-9900 </u>	Addi	itional numbers attached?
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EU3279 18041US	 Statement and signature. To the best of my knowledge and belief, the foregoing inf document. 	By Dunfider Name: D. Bruce Prout
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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Joong-Ha AHN; Myoung-Kon KIM

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) <u>SAMSUNG SDI CO., LTD.</u>

having a place of business at

(3) 575, Shin-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

(hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

(4) DISPLAY DEVICE AND HEAT DISSIPATING MEANS THEFEFOR

which application was:

(a) executed on (5a): <u>Oct. 14, 2004</u>;
(b) filed on (5b): ______, Application No.: _____; (CHRISTIE, PARKER & HALE, LLP, P.O. Box 7068, Pasadena, CA 91109-7068) is hereby authorized to insert in (b) the specified data, when known.

including any and all United States Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents, and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said ASSIGNEE, its assigns or its successors in interest or its designee.

Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said ASSIGNEE, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining patent protection as provided herein.

INVENTOR(S)	ENTOR(S) SIGNATURE	
Joong-Ha AHN	Joong-HA AHN	Oct. 14,2004
Myoung-Kon KIM	Myoung Kon Kim.	Oct. 14,2004

WITNESSES:

In Ha Yun-Ha Park

Mi-Hyun Jeon

PATENT REEL: 015921 FRAME: 0149

RECORDED: 10/19/2004