U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 HEET 102649147 2001 Staas & Halsey LLP To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): Jung-Ho KANG Yong-Soo CHOI Sung-Hwan JIN 2. Name and Address of receiving party(ies): SAMSUNG SDI CO., LTD. 575, Shin-dong, Yeongtong-gu Suwon-si, Gyeonggi-do Republic of Korea 3. Nature of conveyance: Assignment Merger _X_ Change of Name Security Agreement Other: Execution Date(s): January 12, 2004 1-12-84 Application number(s) or patent number(s): 4. This document is being filed together with a new application: The execution date(s) of the application is/are: January 12, 2004 (a) The title is: FIELD EMISSION DISPLAY HAVING EMITTER ARRANGEMENT STRUCTURE (b) CAPABLE OF ENHANCING ELECTRON EMISSION CHARACTERISTICS OR This document is being filed after filing of the application: Patent Application No(s). __/___, filed _____ (a) . issued (b) Patent No(s). Name and address of party to whom correspondence concerning document should be mailed: 5. Our Docket: 1567.1058 STAAS & HALSEY LLP Attention: Michael D. Stein 1201 New York Ave., N.W., Suite 700 10754669 Washington, D.C. 20005 6. Total number of applications and patents involved: __1 Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment) 7. _X_ Authorized to be charged to deposit account. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) 8. (Attach duplicate copy of this page if paying by 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. January 12, 2004 Michael D. Stein, Reg. No. 37,240 Name of Person Signing 01/14/2004 MDAMTE1 00000026 10754669 Signature Date Total number of pages including cover sheet: 2 04 FC:8021 40.00 OP DO NOT USE THIS SPACE

> PATENT REEL: 014884 FRAME: 0418

U.S. ASSIGNMENT

S&H (/00

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG SDI CO., LTD. 575, Sin-dong, Paldal-ku Suwon-city, Kyungki-do Korea

RECORDED: 01/12/2004

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of invention)

FIELD EMISSION DISPLAY HAVING EMITTER ARRANGEMENT STRUCTURE CAPABLE OF ENHANCING ELECTRON EMISSION CHARACTERISTICS

(a) executed on ; January 12, 2004	(Insert date of execution of application, if not concurrent)
	(твен чаке от ехесинот от аррисанот, и пос сопсинену)
(b) filed on ,	Any registered attorney of STAAS & HALSEY LLP, 1201 New York
Serial No.;	Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the Issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

> PATENT REEL: 014884 FRAME: 0419