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wook JUNG and Yeong-guon WON

Additional name(s) of conveying party(ies) attached?

_ Merger

Change of Name

ZIP: 22314

1. Name of conveying party(ies):

3. Nature of conveyance: X Assignment

Other

Security Agreement

Execution Date: June 7, 2000

A. Patent Application No(s).

4. Application number(s) or patent number(s):

5. Name and address of party to whom correspondence

Street Address: 1700 Diagonal Road, Suite 310

Name: LOWE HAUPTMAN GOPSTEIN GILMAN & BERNER

State: VA

concerning document should be mailed:



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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto: 2. Name and address of receiving party(ies): Sang-mook KIM; Sang-kyun KIM; Duk-sung PARK; Bong-Name: Samsung SDI Co., Ltd. Internal Address: Street Address: 575 Shin-dong, Paldal-gu City: Suwon-city State or Area: Kyungki-do Zip/Postal Code: Country: Republic of Korea Additional name(s) & address(es) attached? If the document is being filed together with a new application, the execution date of the application is: July 14, 2000 B. Patent No(s). Additional numbers attached? 6. Total number of applications and patents involved: one 7. Total fee (37 CFR 3.41) \$ 40.00 8. Deposit account number: 07-1337

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9. Statement and signature.

Internal Address:

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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.

Benjamih J./Hauptman

July 14, 2000

Total number of pages comprising cover sheet: 1

CMB No. (851-0011 (exp. 4/94)

PATENT REEL: 010951 FRAME: 0410

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Sang-mook Kim	(4) Bong-wook Jung
(2) <u>Sang-kyun Kim</u>	(5) Yeong guon Won
(3) Duk-sung Park	(6)

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Samsung SDI Co., Ltd.	
a corporation organized under the laws of Korea	
575 Shin-dong, Paldal-gu, Suwon-city, Kyungki-do, Rep. of Korea	

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

ELECTRON GUN FOR CRT WITH HELICAL MULTI-LENSE ELECTRODE ASSEMBLY

- (a) for which an application for United States Letters Patent was filed on, and identified by United States Serial No. : or
- (b) for which an application for United States Letters Patent was executed on,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS		DATE SIGNED
ture	Sang-mook Kim	7 June 2000
Name:	Sang-kyun Kim	7 June 2000
Name:	Duk-sung Park	7 June 2000
Name: Myllm	Bong-wook Jung	7 June 2000
Name:	Yeong-guon Won	7 June 2000
Name:		

PATENT REEL: 010951 FRAME: 0411

RECORDED: 07/14/2000