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RECORDATION FOR

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PATENTS 101341592	
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): Nam-gyu LIM	2. Name and address of receiving party(ies)?
Additional name(s) of conveying party(ies) attached? yesx no	Name: SAMSUNG ELECTRONICS CO., LTD. Internal Address: 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea Street Address:
3. Nature of Conveyance:	Same as above City State Zip
Assignment Merger Security Agreement Change of Name	Additional name(s) & address(es) attached?yesx no
Other	
Execution Date: December 15, 4444	
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:	
A. Patent Application No.(s)	B. Patent No(s).
09/449,614	
Additional numbers attached? Yes x No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: One (1)
SUGHRUE, MION, ZINN, MACPEAK & SEAS 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3202	7. Total Fee (37 CFR 3.41): \$ 40.00 x Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.  Authorized to be charged to Deposit Account
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9. Statement and Signature.	
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and of fully the	March 7, 2000
Name Darryl Mexic Reg. No. 23,063	Date
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04/07/2000 TTOW11 00000069 194880 09449614

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PATENT REEL: 010674 FRAME: 0909

## **ASSIGNMENT**

Whereas, I/We, Nam-gyu Lim of 921-1504 Samsung Apt., Pyuckgeokgol Youngtong-dong, Paldal-gu, Suwon-city, Kyungki-do, Rep. of Korea

hereinafter called assignor(s), have invented certain improvements in

CATHODE RAY TUBE PROTECTION SYSTEM

and executed an application for Letters Patent of the United States of America therefor on

15 December 1999; and

Whereas, SAMSUNG ELECTRONICS CO., LTD. of 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea (assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We the above-named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. & 119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number 09/449,614 , filed 30 November 1999) the filing date and application number of said application when known.

Date: 15 December 1999	s/ Nam-gyu Lim
Date:	s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. &261)

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RECORDED: 03/07/2000

PATENT REEL: 010674 FRAME: 0910