Docket No.: 1276-4

July 23, 1998

Date

FORNi PTO-1595 (Modified) 07-29-1998 U.S. DEPARTMENT OF COMMERCE HEET (Rev 6:93) OMB No. 0651-0011 (exp.4/94) Patent and Trademark Office Copyright 1994-97 LegalStar P08/REV02 Tab settings → → To the Honorable Commissioner of Facine and Trademarks: Please record the attached original documents or comp 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Allen LeRoy Limberg Name: Samsung Electronics Co., Ltd. Internal Address: 416 Maetan-dong, Paldal-ku, Kyungki-do, Rep. of Korea Additional names(s) of conveying party(ies) ☐ Yes 🛛 No 3. Nature of conveyance: ★ Assignment Merger Street Address: ☐ Security Agreement ☐ Change of Name Other ZIP: City: _ State: Execution Date: 07/23/1998 Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: July 23, 1998 A. Patent Application No.(s) B. Patent No.(s) Attorney Docket # 1276-4 Additional numbers attached? ☐ Yes ☐ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Douglas A. Lashmit 7. Total fee (37 CFR 3.41):......\$ 40.00 Internal Address: Samsung Electronics Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account Street Address: 1200 New Hampshire Avenue, N.W. 8. Deposit account number: Suite 550 19-0124 ZIP 20036 City: Washington State: DC D7/28/1998 DMGUYEM 00000137 190124 09120721 DO NOT USE THIS SPACE DI FC:581 40.00 €H 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. Dougla a Lishet

Total number of pages including cover sheet, attachments, and see

Douglas A. Lashmit

Name of Person Signing

ASSIGNMENT

Of United States Origin Patent Application (To Corporation)

WHEREAS, the undersigned, to wit:

LIMBERG, Allen LeRoy

(hereinafter ASSIGNOR), has made an invention entitled:

TITLE: Digital Television Receiver With Adaptive Filter Circuitry For Suppressing NTSC Co-Channel Interference

for which an application for Letters Patent of the United States was executed even date herewith and is about to be filed in the United States Patent and Trademark Office;

AND WHEREAS, SAMSUNG ELECTRONICS CO., LTD. (hereinafter ASSIGNEE), a corporation duly organized and existing under the laws of the REPUBLIC OF KOREA and having its principal office and place of business at 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Rep. of Korea, desires to acquire an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

Executed on the date below indicated:

SIGNATURE DATE SIGNED WITNESS

WITNESS

WILLIAM GRANT GRANT

PATENT REEL: 9339 FRAME: 0046 Please return recorded Assignment to:

SAMSUNG ELECTRONICS CO., LTD. Suite 550 1200 New Hampshire Avenue, N.W. Washington, D.C. 20036

RECORDED: 07/23/1998

PATENT REEL: 9339 FRAME: 0047