Form PTO-1595

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| To the Assistant Comparison of Patents. Please record the attached original documents or copy thereof | | | | | | | |
| 1. Name of conveying party(ies). | 2. Name and address of receiving party(ies)? | | | | | | |
| Allen LeRoy LIMBERG | SAMSUNG ELECTRONICS CO., LTD. | | | | | | |
| DEC 2 6 2000 | 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea | | | | | | |
| | | | | | | | |
| Additional name(s) of conveying party(ies) attached? | 12-26-00 | | | | | | |
| □ yes ☑ no | | | | | | | |
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| 3. Nature of Conveyance: |] | | | | | | |
| ☑ Assignment ☐ Merger | | | | | | | |
| ☐ Security Agreement ☐ Change of Names | | | | | | | |
| ☐ Other | Additional name(s) & address(es) attached? | | | | | | |
| Execution Date: December 17, 2000 | □ yes ☑ no | | | | | | |
| 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) | | | | | | |
| 09/624,242 | 2. Talon 10.(8) | | | | | | |
| Additional numbers attach | l hed? □ Yes ☑ No | | | | | | |
| 5. Name and address of party to whom correspondence | 6. Total number of applications and registration involved: | | | | | | |
| concerning document should be mailed: | 1 | | | | | | |
| SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC | 7. Total Fee (37 CFR 3.41): \$40.00 | | | | | | |
| 2100 Pennsylvania Avenue, N.W. | ☐ Enclosed. Please charge any underpayment in | | | | | | |
| Suite 800 Washington, D.C. 20037-3213 | connection with this Assignment to Deposit Account No. 19-4880. ✓ Authorized to be charged to Deposit Account | | | | | | |
| Washington, D.C. 20037-3213 | No. 19-4880 (a duplicate copy of this paper is attached) | | | | | | |
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| 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 | | | | | | | |
| tal all de gramment | | | | | | | |
| December 26, 2000 | | | | | | | |
| Darryl Mexic Reg. No. 23,063 Date | | | | | | | |
| TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2 | | | | | | | |
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| Assistant Commissioner of a works | | | | | | | |
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| Washington, D.C. 20231 | | | | | | | |

PATENT

REEL: 011398 FRAME: 0195

Assignment

Whereas, I, ALLEN LeROY LIMBERG, of 2500 Lakevale Drive, Vienna, Virginia 22181-4028, hereinafter called assignor have invented certain improvements in

BASEBAND EQUALIZATION OF QUADRATURE-PHASE AS WELL AS IN-PHASE

SYNCHDRODYNE RESULTS IN DIGITAL RADIO RECEIVERS, and executed an application for Letters

Patent of the United States of America therefor on December 17, 2000; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 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, the above named assignor, 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 and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and I 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 hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I hereby authorize and request our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3212 to insert here in parentheses (Application number 09/624,242, filed July 24, 2000), the filing date and application number of said application when known.

Date:

17 Dramber 2000 Allon Je Kry Smilery s/ALLEN LE ROY LIMBERG

RECORDED: 12/26/2000

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

8/92

PATENT REEL: 011398 FRAME: 0196