12.19.a 01-04-2001 FORM PTO-1596 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office **DOCKET NO.:** P-171 To the Honorable Commissioner of Pa nal documents or copy thereto: 101571538 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Kwang-Joo CHOI, Seong-Hwan OH, Cheol LEE, Byung-Heon LEE Name: LG Electronics Inc. Internal Address: Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: X Assignment Merger Street Address: 20, Yoido-Dong, Yongdungpo-Ku Security Agreement Change of Name City: Seoul Other State/Country: KOREA ZIP: Additional name(s) & address(es) attached? Execution Date: December 13, 2000 No 4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: December 13, 2000 A. Patent Application No(s).: B. Patent No(s) Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: FLESHNER & KIM, LLP 7. Total fee (37 C.F.R. 3.41)..... \$40.00 X Enclosed Check No. 9937 Internal Address: Authorized to be charged to deposit account 8. Deposit account number: Street Address: P. O. Box 221200

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Daniel Y.J. Kim, Reg. No. 36,186

Name and Registration No. of Person Signing

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Signature

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December 19, 2000 Date

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**PATENT** REEL: 011384 FRAME: 0767

## **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) Kwang-Joo CHOI (4) Byung-Heon LEE (2) Seong-Hwan OH (3) Cheol LEE who have made a certain new and useful invention, hereby sell, assign and transfer unto LG Electronics, Inc. 20, Yoido-Dong, Yongdungpo-Ku, Seoul, 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 DIGITAL TELEVISION RELAY SYSTEM for which an application for United States Letters Patent was filed on \_\_\_\_\_\_, and identified by United States Serial No. \_\_\_\_\_; or for which an application for United States Letters Patent was executed on December 13, 2000 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 /or that claim priority thereto and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and/or that claim priority thereto, 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: DATE SIGNED  $_{\nu}$ INVENTORS Dec. 13. 2000 Dec. 13, 2000\_\_\_\_\_ Name: Seong-Hwan OH Name: Cheol LEE Name: Byung-Heon LEE

> PATENT REEL: 011384 FRAME: 0768

Name: