06-05-1998 Form PTO-159: U.S DEPARTMENT OF COMMERCE 1-31-92 Patent and Trademark Office **O49103** 100728899 To the Honorable Assistant Commissioner for Patents. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies)? Jae-Ryong BUM Name: SAMSUNG ELECTRONICS CO., LTD. Internal Address: Additional name(s) of conveying party(ies) attached? 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic ____ yes ___<u>x</u> no of Korea Street Address: Same as above 3. Nature of Conveyance: City State Zip <u>x</u> Assignment ____ Merger Additional name(s) & address(es) attached? Security Agreement _ Change of Name ____ yes ___<u>x</u> no __ Other Execution Date: May 22, 1998 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: May 22, a998 B. Patent No(s). A. Patent Application No.(s) Additional numbers attached? Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: One (1) SUGHRUE, MION, ZINN, MACPEAK & SEAS 2100 Pennsylvania Avenue, N.W. 7. Total Fee (37 CFR 3.41): Juite 800 x Enclosed. Please charge any underpayment in Washington, D.C. 20037-3202 connection with this Assignment to Deposit Account No. 19-4880. 06/01/1998 DCDATES 00000167 09084447 40.00 0 Authorized to be charged to Deposit Account 01 F#:581 8. Deposit Account No. (Attach dupl. copy of this page if paying by Deposit Account) DO NOT WRITE IN THIS SPACE 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. May 27, 1998 Name Darryl Mexic Reg. No. 23,063 Date TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: OMB No. 0651-0011 (exp. 4/94) Do not detach this portion Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents **Box Assignments**

Washington, D.C. 20231

ASSIGNMENT

Whereas, I'We, Jae-Ryong BUM . 765-5, Jowon-dong, Jangahn-gu, Suwon-city, Kyungki-do, hereinafter called assignor(s), have invented certain improvements in entitled APPARATUS AND METHOD FOR PROVIDING PC COMMUNICATION AND INTERNET SERVICE BY USING SETTOP BOX and executed an application for Letters Patent of the United States of America therefor on May 22, 1998 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 said 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) the filing date and application , filed number of said application when known. Jae-Ryong Bum (Legalization not required but is prima facie evidence of execution under 35 U.S.C. §261)

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