To the Honorable Commissioner of F March 21, 2000 Attorney Dkt No. 5649-795 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Samsung Electronics Co., Ltd. Seong-Hyun Park 416 Maetan-dong, Paldal-gu Suwon-City, Kyungki-do Republic of Korea OPR/FINANCE Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: Assignment Document ID#101223492 Merger Security Agreement Change of Name Other _ Execution Date: October 21, 1999 Additional name(s) & address(es) attached? Yes X No 4. Application Serial No. <u>09/421,660</u> Patent No. Document ID#101223492 If this document is being filed together with a new application, the execution date of the application Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved:1 concerning document should be mailed: 7. Total fee (37 CFR 3.41) \$40.00 XX Previously provided on 1/24/99 Grant J. Scott __ Authorized to be charged to deposit account Myers Bigel Sibley & Sajovec P. O. Box 37428 Raleigh NC 27627 8. Deposit account number: 50-0220

9. Statement and signature

DO NOT USE THIS SPACE

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.

Robert W. Glatz

Name of Person Signing

Signature

Total number of pages including cover sheet, attachments and document: 3

March 21, 2000

Date

ASSIGNMENT RECORDATION FORM COVE

12-16-1999



101223492

To the Honorable Commissioner of Patents and Trademarks: November 24, 1999 Attorney Dkt No. 5649-795 Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Seong-Hyun Park Samsung Electronics Co., Ltd. 416 Maetan-dong, Paldal-gu Suwon-City, Kyungki-do Republic of Korea Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other Execution Date: October 21, 1999 Additional name(s) & address(es) attached? 4. Application Serial No. _____Patent No. If this document is being filed together with a new application, the execution date of the application Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved:1 concerning document should be mailed: 7. Total fee (37 CFR 3.41) \$40.00 X Enclosed Grant J. Scott _ Authorized to be charged to deposit account Myers Bigel Sibley & Sajovec P. O. Box 37428 Raleigh NC 27627 8. Deposit account number: 50-0220 DO NOT USE 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. Robert W. Glatz November 24, 1999 Signature Date Name of Person Signing Total number of pages including cover sheet, attachments and document: 3

12/15/1999 DMGUYEN 00000046 SEDNG-HYUN PARK

40.00 OP 01 FC:581

ASSIGNMENT

THIS ASSIGNMENT, made by me, PARK, Seong-Hyun, a citizen of the Republic of Korea, of Keonyoung Apt. Da-1105, Shinrim 11-dong 746-43, Kwanak-ku, Seoul, Korea

WITNESSETH: That,

WHEREAS, I am the sole inventor of certain new and useful improvements in A FULL DUPLEX INTERFACE APPARATUS FOR A HIGH PERFORMANCE SERIAL BUS USING A PORT SWITCH. for which an application for United States Letters Patent has been filed in the United States Patent and Trademark Office. I hereby authorize and request Myers, Bigel, Sibley & Sajovec, P.A, to insert here in parentheses (Application No. 09/421,660, filed October 20, 1999) the application number of said application when known, and

WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation having a principal place of business at 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

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PATENT REEL: 010701 FRAME: 0825 I hereby request that said Letters Patent be issued in accordance with this assignment.

I further covenant and agree that, at the time of the execution and delivery of these presents, I possess full title to the invention and application above-mentioned, and that I have the unencumbered right and authority to make this assignment.

I further covenant and agree to bind my heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this *\times_t day of *\times_t to to the v . \tag{250}.

Seong-ldyun, Park (SEAL)

PARK, Seong-Hyun

Witnessed by:

Date: potabor 31. 1999

Date: 0 4 her 21, 1999

RECORDED: 03/27/2000

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