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Please record the attached original documents or copy thereof. TO THE ASSISTANT COMMISSIONER FOR PALENTS:

3. Nature of conveyance: (X) Assignment (() Application number(s) or Patent number(s): (X) Assignment (() Application(s) filed herewith Execution Date(s): (() Security Agreement (() Change of Name (() Other: Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) April 21, 1999 5. Name and address of party to whom correspondence concerning document should be mailed: (X) Patent No.: 5,446,910 Issue Date: August 29, 1995 Additional numbers attached? (() Yes (X) No 7. Total fee (37 CFR 3.41): \$40.00 (X) Enclosed (X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment Authorized to be charged to deposit account if any additional fees are required, or ro credit any overpayment to this account. 8. Deposit account for any additional fees which may be required, or credit any overpayment to this account. 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. Jerry T. Sewell Name of Person Signing 31,567 Registration No. Total number of pages including cover sheet, attachments and document: 2 Mail documents to be recorded with required cover sheet information to: //1999 JSHABAZZ 00000051 5446310	 Name of conveying party(ies): (If multiple assignors, list numerically) AST Research, Inc. Additional name(s) of conveying party(ies) attached? Yes No 	2. Name and address of receiving party(ies): 7 111 - 3 111 112 Name: Samsung Electronics Co., LTD. GPR/FINANCE Internal Address: same as street address Street Address: 416 Maetan-Dong, Paldal-Gu Suwon City, Kyungki-Do, KOREA Additional name(s) of receiving party(ies) attached? () Yes (X) No
() Merger () Security Agreement () Change of Name () Other: Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) April 21, 1999 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Jerry T. Sewell KNOBBE, MARTENS, OLSON & BEAR, LLP Customer No. 20, 995 Internal Address: Sixteenth Floor Street Address: Sixteenth Floor Street Address: Col Newport Center Drive City: Newport Beach State: CA ZIP: 92660 Attorney's Docket No.: SAMCOM.151FW1 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. Jerry T. Sewell Name of Person Signing 31.567 Registration No. Total number of pages including cover sheet, attachments and document: 2 Mail documents to be recorded with required cover sheet information to: ///1999 JSH40077 00000051 5446310	3. Nature of conveyance:	4. Application number(s) or Patent number(s):
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KNOBBE, MARTENS, OLSON & BEAR, LLP Customer No. 20,995 Internal Address: Sixteenth Floor Street Address: Sixteenth Floor Street Address: Sixteenth Floor City: Newport Beach State: CA ZIP: 92660 Attorney's Docket No.: SAMCOM.151FW1 Please charge this account for any additional fees which may be required, or credit any overpayment to this account. Total number of applications and patents involved: 1 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. Jerry T. Sewell Name of Person Signing 31,567 Registration No. Total number of pages including cover sheet, attachments and document: 2 Mail documents to be recorded with required cover sheet information to: Visign 131,5467 Mail documents to be recorded with required cover sheet information to:	concerning document should be mailed:	
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PATENT REEL: 009942 FRAME: 0501

ASSIGNMENT OF PATENT RIGHTS

WHEREAS, AST RESEARCH, INC., a Delaware corporation having offices at 16225 Alton Parkway, Irvine, California 92618 (hereinafter "AST"), represents and warrants that it is the sole owner of the entire right, title, and interest to certain new and useful improvements for which AST has been issued the following United States Letters Patent (hereinafter "the Patent"):

Patent No. <u>Issue Date</u> <u>Title</u>

5,446,910 August 29, 1995 INTERRUPT CONTROLLER WITH AUTOMATIC

DISTRIBUTION OF INTERRUPTS FOR A MULTIPLE

PROCESSOR COMPUTER SYSTEM

WHEREAS, SAMSUNG ELECTRONICS CO., LTD., a Republic of Korea corporation having offices at 416, Maetan-Dong, Paldal-Gu, Suwon City, Kyungki-Do, Korea (hereinafter "SAMSUNG") desires to purchase the entire right, title, and interest in and to the improvements and all inventions described, disclosed or claimed in the Patent;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) to AST, and other good and valuable consideration, the receipt of which is hereby acknowledged, AST hereby further acknowledges that it has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto SAMSUNG, its successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in, to, and under the Patent, and all reissues, reexaminations, renewals, and extensions of the Patent, and all rights of priority under international conventions and applications for Letters Patent that may hereafter be filed for the improvements or the inventions in any country or countries foreign to the United States; and AST hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on the applications as aforesaid, to issue all Letters Patent for the Improvements or Inventions and all Letters Patents resulting from the applications aforesaid to SAMSUNG, its successors, legal representatives, and assigns, in accordance with the terms of this Agreement;

AST does hereby sell, assign, transfer, and convey to SAMSUNG, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to SAMSUNG, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the Patent;

AST hereby covenants and agrees that it will communicate to SAMSUNG, its successors, legal representatives, and assigns any facts known to AST respecting the Patent immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving the Patent, will sign all lawful papers, execute all reissue applications, make all rightful oaths, and will generally do everything possible to aid SAMSUNG, its successors, legal representatives, and assigns to obtain and enforce the Patent and any counterpart thereof in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2/ day of April , 1999

AST RESEARCH, INC.

By:

Koon Shik Choi Chief Financial Officer

STATE OF CALIFORNIA

COUNTY OF ORANGE

On April 21, 1999, before me, <u>Cymno Salazar Votary Public</u>, personally appeared Koon Shik Choi, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

RECORDED: 05/03/1999

[SEAL]

CYNTHIA SALAZAR
Commission # 1116452
Notary Public — Colfornia
Orange County
My Comm. Expires Nov 11, 2000

PATENT

REEL: 009942 FRAME: 0502