

05-17-1999

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TO THE ASSISTANT COMMISSIONER FOR P

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uments or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

AST Research, Inc.

Additional name(s) of conveying party(ies) attached?
() Yes (X) No

2. Name and address of receiving party(ies):

Name: Samsung Electronics Co., LTD.
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

3. Nature of conveyance:

- Assignment
- 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

4. Application number(s) or Patent number(s):

() Application(s) filed herewith Execution Date(s):

() Patent Application No.:
Filing Date:

(X) Patent No.: 5,191,657;
Issue Date: March 2, 1993

(X) Patent No.: 5,555,381
Issue Date: September 10, 1996

Additional numbers attached? () Yes (X) No

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: 620 Newport Center Drive
City: Newport Beach State: CA ZIP: 92660
Attorney's Docket No.: SAMCOM.003A and
SAMCOM.3C1FW3

7. Total fee (37 CFR 3.41): \$80.00

(X) Enclosed
(X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 2

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

Jerry T. Sewell
Signature

APRIL 29, 1999
Date

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:

05/14/1999 JSHABAZZ 00000174 5191657

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Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

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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 Patents (hereinafter "the Patents"):

Table with 3 columns: Patent No., Issue Date, Title. Contains two entries for patents related to microcomputer architecture.

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 Patents;

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 Patents, and all reissues, reexaminations, renewals, and extensions of the Patents, and all rights of priority under international conventions and applications for Letters Patents 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 Patents 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 Patents;

AST hereby covenants and agrees that it will communicate to SAMSUNG, its successors, legal representatives, and assigns any facts known to AST respecting the Patents immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving the Patents, 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 Patents and any counterpart thereof in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21 day of April, 1999.

AST RESEARCH, INC.

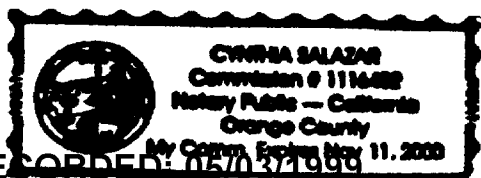
By: [Signature] Koon Shik Choi Chief Financial Officer

STATE OF CALIFORNIA }
COUNTY OF ORANGE } ss.

On April 21, 1999, before me, Cynthia Salazar, Notary Public, personally appeared Koon Shik Choi, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name 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, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



[Signature] Signature