

12-07-1998



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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

MRO 11-23-98

1. Name of conveying parties:  
 Tiao-Hua Kuo Nancy Leong  
 Yasushi Kasa Johnny Chen  
 Michael Van Buskirk

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

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

Name: Advanced Micro Devices, Inc.

Address: One AMD Place  
P.O. Box 3453  
Sunnyvale, CA 94088-3453

Name: Fujitsu Limited

Address: 1-1 Kamidodanka 4-chrome  
Nakahara, Kawasaki-shi  
Kanagawa-ken, Japan

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: 11/09/98

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

A. Patent Application No.: 09/159,342

Title: MEMORY ADDRESS DECODING  
 CIRCUIT FOR A SIMULTANEOUS OPERATION  
 FLASH MEMORY DEVICE WITH A FLEXIBLE  
 BANK PARTITION ARCHITECTURE

Filed Date: 9/23/98

Additional numbers attached?  Yes  No

If this document is being filed together with a new application, the execution date of the application is: n/a

B. Patent No(s):

5. Name and address of party to whom  
 correspondence concerning document should  
 be mailed:

Name: Lee Hsu

Address: Fliesler, Dubb, Meyer & Lovejoy  
Four Embarcadero Center, Suite 400  
San Francisco, CA 94111

Telephone: (415) 362-3800

6. Total Number of applications and patents  
 involved: 1 X \$40.00 each

7. Total fee (37 CFR 3.41).....\$ 40.00

Check Enclosed

8. Fee Authorization. Authorization is given to charge  
 any additional fees or credit any  
 overpayment to Deposit Account  
 No. 06-1325.  
 Copy. (A duplicate copy of this authorization is  
not enclosed.)

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.*

Lee Hsu, Esq. [Signature] 11/20/98  
 Attorney Reg. No.: 39,716 Signature Date

10. Total number of pages to be recorded: 8 (1 page cover sheet and 7 page documents).

12/03/1998 JMR/11/20/98 00000017 0515537

FC:581

**JOINT TO CORPORATE ASSIGNMENT**

WHEREAS, the undersigned Inventors:

(1) Tiao-Hua Kuo,  
a resident of 6843 Chiala Lane, San Jose, California 95129; and

(2) Yasushi Kasa,  
a resident of 1106 Derbyshire Drive, Cupertino, California 95014; and

(3) Nancy Leong,  
a resident of 1338 Fieldfair Court, Sunnyvale, California 94087; and

(4) Johnny Chen,  
a resident of 11537 Silver Spring Court, Cupertino, California 95014; and

(5) Michael Van Buskirk,  
a resident of 18653 Vessing Road, Saratoga, California 95070.

have invented certain new and useful improvements in:

**MEMORY ADDRESS DECODING CIRCUIT FOR A SIMULTANEOUS OPERATION FLASH  
MEMORY DEVICE WITH A FLEXIBLE BANK PARTITION ARCHITECTURE**

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

1.  On the Date of Execution of Declaration for Patent Application set forth below adjacent to my signature;

Or

2.  Said application having SC/Serial Number 09/159,342 and filed on September 23, 1998.

WHEREAS Advanced Micro Devices, Inc. (hereinafter termed "Assignee"), a corporation of the State of Delaware, having a place of business at One AMD Place, Sunnyvale, California and Fujitsu Limited (hereinafter termed "Assignee"), a corporation of the Country of Japan, having a place of business at 1-1 Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa-ken, wish to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignees:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignees, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignees to enable said Assignees to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignees (a) for perfecting in said Assignees the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignees.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignees, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date of acknowledgement before the Notary Public as given below and delivered this instrument to said Assignees.

Date of Execution of Declaration for Patent Application: 11/9/98

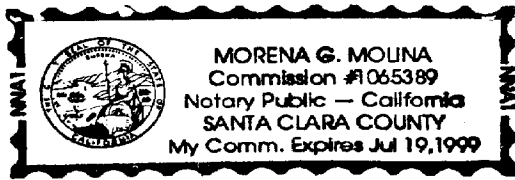
(1) [Signature]  
Tiao-Hua Kuo

State of California  
County of Santa Clara

On November 9, 1998 before me, Morena G. Molina, Notary Public  
(name and title of officer)

personally appeared Tiao-Hua Kuo, 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/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their 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.  
Signature [Signature]



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Date of Execution of Declaration for Patent Application: 11/9/98

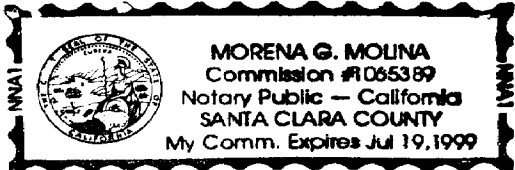
(2) [Signature]  
Yasushi Kasa

State of California  
County of Santa Clara

On November 9, 1998 before me, Morena G. Molina, Notary Public  
(name and title of officer)

personally appeared Yasushi Kasa, 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/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their 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.  
Signature [Signature]



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Date of Execution of Declaration for Patent Application: 11/19/98

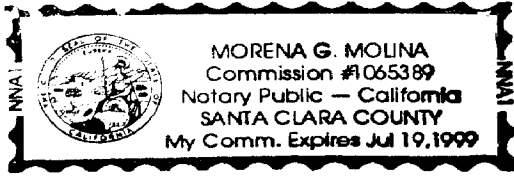
(3) Nancy Leong  
Nancy Leong

State of California  
County of Santa Clara

On November 9, 1998 before me, Morena G. Molina, Notary Public  
(name and title of officer)

personally appeared Nancy Leong, 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/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their 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.  
Signature Morena G. Molina



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Date of Execution of Declaration for Patent Application: 11/9/98

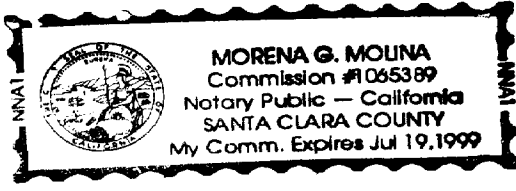
(4) Johnny Chen  
Johnny Chen

State of California  
County of Santa Clara

On November 9, 1998 before me, Morena G. Molina, Notary Public  
(name and title of officer)

personally appeared Johnny Chen, 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/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their 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.  
Signature Morena G. Molina



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Date of Execution of Declaration for Patent Application: November 9, 1998

(5) Michael Van Buskirk  
Michael Van Buskirk

State of California  
County of Santa Clara

On November 9, 1998 before me, Morena G. Molina, Notary Public  
(name and title of officer)

personally appeared Michael Van Buskirk 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/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ 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.  
Signature Morena G. Molina

