

08-19-2004

FORM PTO-1595 (REV 6-93)

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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OMB No. 0651-011 (exp.4/94)



102817156

To the Honorable Commissioner of Patents

enclosed original documents or copy thereof.

1. Name of conveying party(ies):
 Emmanuil H. Lingunis
 Ning Cheng
 Mark Ramsbey
 Kouros Ghandehari
 Anna Minvielle
 Hung-Eil Kim
 Additional name(s) of conveying party(ies) attached? [] Yes [X] No

8-11-04

2. Name and address of receiving party(ies):
 Name: Advanced Micro Devices, Inc.
 Internal Address: _____
 Street Address: One AMD Place
P.O. Box 3453
 City: Sunnyvale
 State/Country: California ZIP: 94088
 Additional name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance:
 Assignment [] Merger
 Security Agreement [] Change of Name
 Other _____
 Execution Date: March 23, March 23, April 29, March 23
May 14 & March 23, 2004

16884 U.S. PTO 10/916167

081104

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: March 23, March 23, April 29, March 23, May 14 & March 23, 2004

A. Patent Application No.(s) <u>08/13/2004 MBIZUNES 00000066 10916167</u>	B. Patent No.(s) <u>April 29, March 23, May 14 & March 23, 2004</u>
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Additional Numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Thomas G. Eschweiler
 Internal Address: _____
Eschweiler & Associates, LLC
 Street Address: National City Bank Building
629 Euclid Avenue, Suite 1210
 City: Cleveland
 State: Ohio ZIP: 44114

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41)\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
50-1733
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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.
Thomas G. Eschweiler August 11, 2004
 Name of Person Signing Signature Date

Reg. No. 36,981 Total number of pages including cover sheet attachments, and document: [8]

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

PATENT
 REEL: 015682 FRAME: 0368

ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Emmanuel H. Lingunis
330 Elan Village Lane #406
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Kouros Ghandehari
3730 Miramesa Court #120
Santa Clara, California 95051

Anna Minvielle
5405 Silvervista Way
San Jose, California 95138

Hung-Eil Kim
6564 Danridge Drive
San Jose, California 95129

hereby sell and assign to ADVANCED MICRO DEVICES, INC., a corporation of Delaware having a place of business at One AMD Place, P.O. Box 3453, Sunnyvale, California 94088-3453, U.S.A., its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

**METHOD OF FORMING NARROWLY SPACED FLASH
MEMORY CONTACT OPENINGS AND LITHOGRAPHY MASKS**

for which application for United States Letters Patent has been filed on _____ under Serial No. _____, or was executed by the undersigned on the date below and is being filed concurrently herewith, said application for United States Letters Patent, any and all other application for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicted upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in

form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

Signed:

Date:

Emmanuel H. Lingunis
Emmanuel H. Lingunis

3/23/04

CERTIFICATE OF ACKNOWLEDGMENT

State of California

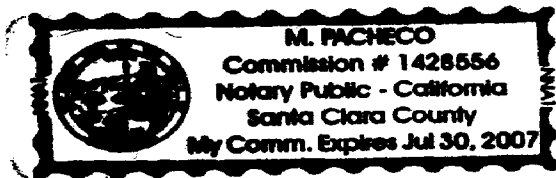
County of Santa Clara

On March 23, 2004 before me, M. Pacheco, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Emmanuel H. Lingunis
Name of Signer

personally known to me – OR – [] proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature of the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



M. Pacheco
Signature of Notary Public

Signed:

Date:

Ning Cheng

3/23/04

Ning Cheng

CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of Santa Clara

On March 23, 2004 before me, M. Pacheco, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Ning Cheng
Name of Signer

[] personally known to me – OR – proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature of the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



M. Pacheco
Signature of Notary Public

Signed:

Date:

Mark F. Ramsbey
Mark Ramsbey

4/29/04

CERTIFICATE OF ACKNOWLEDGMENT

State of California

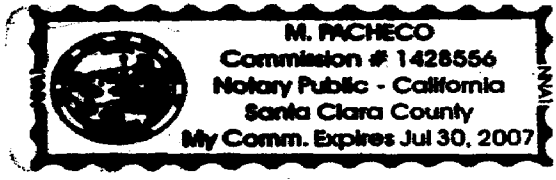
County of Santa Clara

On April 29, 2004 before me, M. Pacheco Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Mark Ramsbey
Name of Signer

personally known to me – OR – [] proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature of the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



M. Pacheco
Signature of Notary Public

Signed: [Signature]
Kouros Ghandehari

Date: 3/23/04

CERTIFICATE OF ACKNOWLEDGMENT

State of California
County of Santa Clara

On March 23, 2004 before me, Mercy Jacob, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

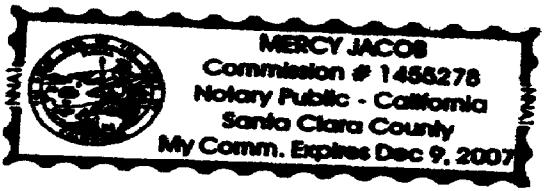
personally appeared Kouros Ghandehari
Name of Signer

[] personally known to me – OR – [X] proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature of the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

JACOB
COMMISSION # 1455278
Notary Public - California
Santa Clara County

Mercy Jacob
Signature of Notary Public



Signed:

Anna Minvielle
Anna Minvielle

Date:

05/14/04

CERTIFICATE OF ACKNOWLEDGMENT

State of California

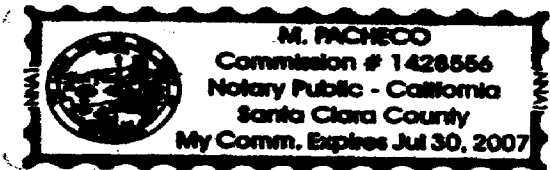
County of Santa Clara

On May 14, 2004 before me, M. Pacheco, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Anna Minvielle
Name of Signer

[] personally known to me – OR – approved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature of the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



M. Pacheco
Signature of Notary Public

Signed:

Date:

Kim Hung-Eil
Hung-Eil Kim

3/23/04

CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of Santa Clara

On March 23, 2004 before me, Mercy Jacob, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Hung-Eil Kim
Name of Signer

[] personally known to me – OR – [X] proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature of the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Mercy Jacob
Signature of Notary Public